H & A OF NEW YORK ENGINEERING
AND GEOLOGY, LLP
213 W. 35th Street
7th Floor
New York, NY 10001
646.277.5685

TECHNICAL MEMORANDUM

June 25, 2026
File No. 0213836

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

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

ATTENTION: Rafi Alam, Project Manager, NYSDEC
Anna Bachmann, Project Manager, USEPA

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

SUBJECT: Soil Reuse Findings Report Addendum 3 Former Port Mobil Terminal (243016)

On August 7, 2025, the Soil Reuse Characterization Plan for Site-Wide Remedy, dated July 21, 2025, and prepared by H & A of New York Engineering and Geology, LLP (Haley & Aldrich of New York), was approved by the New York State Department of Environmental Conservation (NYSDEC) and the United States Environmental Protection Agency (USEPA) for the sampling of overburden soil within the proposed in-situ solidification (ISS) and permeable reactive barrier (PRB) wall areas at the Former Port Mobil Terminal (also known as Kinder Morgan Staten Island [KM]) located at 4101 Arthur Kill Road in Staten Island, New York (the "Site"). A Project Locus is included as Figure 1, and a Site Map is included as Figure 2. This overburden soil material is proposed for on-Site reuse to support the future development and Site-wide remediation.

Sampling was conducted in accordance with the procedures described in NYSDEC Division of Environmental Remediation (DER)-10 Table 5.4(e) to meet the applicable NYSDEC Part 375 Commercial

Use Soil Cleanup Objectives (CUSCOs) and the April 2023 "Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs" Guidance Values (the "PFAS Guidance Values"). This includes a sampling frequency of one sample for every 1,000 cubic yards of material as indicated in NYSDEC DER-10 Table 5.4 (e). Sampling was also conducted in accordance with the Soil Reuse Characterization Plan for Site-Wide Remedy dated July 21, 2025, and approved by NYSDEC and USEPA on August 7, 2025, included as Attachment A.

Sampling Methodology

On December 6, 2024, the draft Alternatives Analysis (AA) / Remedial Action Work Plan (RAWP) prepared by Haley & Aldrich of New York was submitted to the NYSDEC and USEPA. Since this time, several revised drafts were submitted, and the final AA/RAWP was submitted to the agencies on May 13, 2026. These documents outlined the proposed remedial action for the Site, which includes ISS and a PRB wall as recommended remedial technologies. To prepare for and support future remedial and development work, Haley & Aldrich of New York proposed to conduct soil sampling activities within the proposed ISS and PRB wall areas to evaluate whether the overburden in the ISS areas and across the extent of the PRB wall can be reused to support future development and Site-wide remediation.

The Site, which is a former Major Oil Storage Facility (MOSF), contained former aboveground storage tanks (ASTs) within the proposed area of redevelopment. The ASTs are surrounded by berms, which were designed to contain potential releases when the ASTs were in use and to mitigate stormwater runoff. As many of the proposed ISS areas are in/beneath the areas of existing berms, the sampling and characterization of berm material were conducted separately in accordance with the Berm Sampling Work Plan, dated December 2024, and its Addendum, dated July 2025, both prepared by Haley & Aldrich of New York. Soil sampling of the berms above the ISS areas is included in the Berm Sampling for On-Site Reuse Summary Memos dated May 15, 2025, and November 12, 2025.

Reuse sampling of the overburden material in the PRB wall area was conducted from August 25 through August 29, 2025, and results are documented in the Soil Reuse Findings Report submitted to the NYSDEC and USEPA on March 13, 2026. ISS overburden soil sampling was conducted from October 7 through October 10, 2025, except for grid areas ISS-21, ISS-22, ISS-23, and ISS-24, which were at the time inaccessible due to ongoing ISS pilot study work. These results are documented in the Soil Reuse Findings Report submitted to the NYSDEC and USEPA on November 14, 2025, and approved on March 13, 2026. Overburden reuse sampling from grid areas ISS-21, ISS-22, ISS-23, and ISS-24 was conducted at the Site on January 22, 2026, and results are documented in the Soil Reuse Findings Report Addendum submitted to NYSDEC and USEPA on February 19, 2026. Overburden reuse sampling in AST04 from the grid areas ISS-11, ISS-12, ISS-13, and ISS-14 was conducted at the Site on April 14, 2026, and results are documented in the Soil Reuse Findings Report Addendum 2 submitted to the NYSDEC and USEPA on May 6, 2026.

This Soil Reuse Findings Report Addendum 3 includes the sampling of overburden material in the AST10X ISS area, specifically the area in AST10 where ISS is proposed due to exceedances of the NYSDEC Part 375 Protection of Groundwater Soil Cleanup Objectives (PGWSCOs). This soil overburden sampling

in AST10X was conducted on May 16 and May 21, 2026. Previously, only overburden areas of the AST12 treatment area, located adjacent to the AST10 area, where ISS was proposed due to the presence of light non-aqueous phase liquid (LNAPL), were sampled for reuse and are documented in the Soil Reuse Findings Report dated March 13, 2026.

ISS Overburden Soil Sampling

The ISS overburden soil sampling was conducted in the AST10X ISS treatment area, where ISS is proposed due to exceedances of the PGWSCOs. The area will require overburden excavation to depths ranging from 0 to 4 feet (ft) below ground surface (bgs) and represents approximately 4,010 cubic yards of material. A Site Plan is included as Figure 2.

The AST10X PGWSCO overburden area was divided into nine grid areas, including one stockpile. One composite sample and three to four discrete samples were collected from each grid. Sample locations are shown on Figure 3 and Figure 4. A total of nine composite samples and 32 discrete samples were collected to characterize the top 0 to 4 ft of overburden soils from grid areas ISS-37 (0 to 4 ft bgs), ISS-38 (0 to 4 ft bgs), ISS-39 (0 to 4 ft bgs), ISS-40 (0 to 4 ft bgs), ISS-41 (0 to 4 ft bgs), ISS-42 (0 to 4 ft bgs), ISS-43 (0 to 4 ft bgs), ISS-44 (0 to 4 ft bgs), and ISS-45 (0 to 4 ft bgs).

Samples in grids ISS-37 to ISS-44 were collected by excavating test pits at each sampling location with a CAT® 314EL excavator provided by ENTACT; these grab sample locations are shown on Figure 3. Some soil from these grids from 0 to 4 ft bgs was stockpiled to facilitate the implementation of ISS in the AST10 area. This stockpile was identified as reuse sampling grid ISS-45. The stockpile was managed in accordance with the Site Soil Management Plan (SSMP) included in Appendix I of the ISS Interim Status Report submitted to the NYSDEC and USEPA on January 27, 2026. The stockpile location is shown on Figure 4.

Composite soil samples were analyzed for the following parameters:

- Target Compound List (TCL) semi-volatile organic compounds (SVOCs);
- Target Analyte List (TAL) total metals;
- Polychlorinated biphenyls (PCBs);
- Pesticides; and
- PFAS.

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

Sampled soils consisted of red-brown, fine to medium, poorly graded sand with some fine to medium, round to angular gravel. Soil was screened for visual and olfactory evidence using a photoionization detector (PID), and PID readings were 0.0 parts per million (ppm).

Results Summary

In accordance with the Soil Reuse Characterization Plan for Site-Wide Remedy, results were compared to the applicable NYSDEC Part 375 CUSCOs and the PFAS Guidance Values.

There are no exceedances of the CUSCOs and PFAS Guidance Values in the reuse samples collected from grid areas ISS-37, ISS-38, ISS-39, ISS-40, ISS-41, ISS-42, ISS-43, ISS-44, and ISS-45 from surface grade to 4 ft bgs.

Analytical results are included in Table 1. The analytical laboratory report is included in Attachment B. The Data Usability Summary Report (DUSR) is included in Attachment C.

Conclusion

The analytical results from the overburden soil in the ISS area of AST10X, including grids ISS-37, ISS-38, ISS-39, ISS-40, ISS-41, ISS-42, ISS-43, ISS-44, and ISS-45, do not exceed CUSCOs or PFAS Guidance Values. As such, Haley & Aldrich of New York is requesting that this sampled material be approved for reuse to support the Site-wide remediation and future redevelopment of the Site.

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

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

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

Suzanne M. Bell, P.E.
Senior Associate

Enclosures:

Table 1 – Summary of Soil Quality Data –AST10X ISS Overburden Grids 37 through 44
Figure 1 – Project Locus
Figure 2 – Site Plan
Figure 3 – AST10X ISS Overburden Soil Reuse Sample Location Map – Grids 37 through 44
Figure 4 – AST10X ISS Overburden Soil Reuse Sample Location Map – Grid 45
Attachment A - Soil Reuse Characterization Plan for Site-Wide Remedy
Attachment B - Analytical Laboratory Report
Attachment C - Data Usability Summary Report

HALEY ALDRICH

TABLE

TABLE 1
SUMMARY OF SOIL QUALITY DATA - AST10X ISS OVERBURDEN GRIDS 37 THROUGH 44
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208988

	Criteria																				
Location Name	NY Part 375	ISS-37	ISS-37	ISS-37	ISS-37	ISS-38	ISS-38	ISS-38	ISS-38	ISS-38	ISS-38	ISS-39	ISS-39	ISS-39	ISS-39	ISS-39	ISS-40	ISS-40	ISS-40	ISS-40	ISS-41	ISS-41
Sample Name	Commercial Use	ISS-37_0-4	ISS-37_A	ISS-37_B	ISS-37_C	ISS-38_0-4	ISS-38_A	ISS-38_B	ISS-38_C	ISS-38_D	ISS-39_0-4	ISS-39_A	ISS-39_B	ISS-39_C	ISS-39_D	ISS-40_0-4	ISS-40_A	ISS-40_B	ISS-40_C	ISS-41_0-4	ISS-41_A
Sample Date	Soil Cleanup	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/21/2026	05/21/2026	05/21/2026	05/21/2026	05/21/2026	05/21/2026
Lab Sample ID	Objectives	460-351338-4	460-351338-1	460-351338-2	460-351338-3	460-351338-9	460-351338-5	460-351338-6	460-351338-7	460-351338-8	460-351338-23	460-351338-19	460-351338-20	460-351338-21	460-351338-22	460-351592-4	460-351592-1	460-351592-2	460-351592-3	460-351592-9	460-351592-5
Sample Depth (bgs)	2025	0 - 4 (ft)	-	-	-	0 - 4 (ft)	-	-	-	-	0 - 4 (ft)	-	-	-	-	0 - 4 (ft)	-	-	-	0 - 4 (ft)	-
Volatile Organic Compounds (mg/kg)																					
1,1,1-Trichloroethane	500	-	ND (0.0009)	ND (0.1)	ND (0.00098)	-	ND (0.00073)	ND (0.00081)	ND (0.094)	ND (0.00084)	-	ND (0.082)	ND (0.00076)	ND (1.7)	ND (0.00074)	-	ND (0.076)	ND (0.00068)	ND (0.00092)	-	ND (0.00074)
1,1,2,2-Tetrachloroethane	NA	-	ND (0.0009)	ND (0.1)	ND (0.00098)	-	ND (0.00073)	ND (0.00081)	ND (0.094)	ND (0.00084)	-	ND (0.082)	ND (0.00076)	ND (1.7)	ND (0.00074)	-	ND (0.076)	ND (0.00068)	ND (0.00092)	-	ND (0.00074)
1,1,2-Trichloroethane	NA	-	ND (0.0009)	ND (0.1)	ND (0.00098)	-	ND (0.00073)	ND (0.00081)	ND (0.094)	ND (0.00084)	-	ND (0.082)	ND (0.00076)	ND (1.7)	ND (0.00074)	-	ND (0.076)	ND (0.00068)	ND (0.00092)	-	ND (0.00074)
1,1-Dichloroethane	240	-	ND (0.0009)	ND (0.1)	ND (0.00098)	-	ND (0.00073)	ND (0.00081)	ND (0.094)	ND (0.00084)	-	ND (0.082)	ND (0.00076)	ND (1.7)	ND (0.00074)	-	ND (0.076)	ND (0.00068)	ND (0.00092)	-	ND (0.00074)
1,1-Dichloroethene	5.1	-	ND (0.0009)	ND (0.1)	ND (0.00098)	-	ND (0.00073)	ND (0.00081)	ND (0.094)	ND (0.00084)	-	ND (0.082)	ND (0.00076)	ND (1.7)	ND (0.00074)	-	ND (0.076)	ND (0.00068)	ND (0.00092)	-	ND (0.00074)
1,2,3-Trichlorobenzene	NA	-	ND (0.0009)	ND (0.1)	ND (0.00098)	-	ND (0.00073)	ND (0.00081)	ND (0.094)	ND (0.00084)	-	ND (0.082)	ND (0.00076)	ND (1.7)	ND (0.00074)	-	ND (0.076)	ND (0.00068)	ND (0.00092)	-	ND (0.00074)
1,2,4-Trichlorobenzene	NA	-	ND (0.0009)	ND (0.1)	ND (0.00098)	-	ND (0.00073)	ND (0.00081)	ND (0.094)	ND (0.00084)	-	ND (0.082)	ND (0.00076)	ND (1.7)	ND (0.00074)	-	ND (0.076)	ND (0.00068)	ND (0.00092)	-	ND (0.00074)
1,2,4-Trimethylbenzene	500	-	ND (0.0009)	4.5	ND (0.00098)	-	0.0015	0.1	0.15	0.003	-	2.8	ND (0.00076)	190	0.0021	-	2.3	0.0023	ND (0.00092)	-	0.027
1,2-Dibromo-3-chloropropane (DBCP)	NA	-	ND (0.0009)	ND (0.1)	ND (0.00098)	-	ND (0.00073)	ND (0.00081)	ND (0.094)	ND (0.00084)	-	ND (0.082)	ND (0.00076)	ND (1.7)	ND (0.00074)	-	ND (0.076)	ND (0.00068)	ND (0.00092)	-	ND (0.00074)
1,2-Dibromoethane (Ethylene Dibromide)	NA	-	ND (0.0009)	ND (0.1)	ND (0.00098)	-	ND (0.00073)	ND (0.00081)	ND (0.094)	ND (0.00084)	-	ND (0.082)	ND (0.00076)	ND (1.7)	ND (0.00074)	-	ND (0.076)	ND (0.00068)	ND (0.00092)	-	ND (0.00074)
1,2-Dichlorobenzene	500	-	ND (0.0009)	ND (0.1)	ND (0.00098)	-	ND (0.00073)	ND (0.00081)	ND (0.094)	ND (0.00084)	-	ND (0.082)	ND (0.00076)	ND (1.7)	ND (0.00074)	-	ND (0.076)	ND (0.00068)	ND (0.00092)	-	ND (0.00074)
1,2-Dichloroethane	30	-	ND (0.0009)	ND (0.1)	ND (0.00098)	-	ND (0.00073)	ND (0.00081)	ND (0.094)	ND (0.00084)	-	ND (0.082)	ND (0.00076)	ND (1.7)	ND (0.00074)	-	ND (0.076)	ND (0.00068)	ND (0.00092)	-	ND (0.00074)
1,2-Dichloropropane	NA	-	ND (0.0009)	ND (0.1)	ND (0.00098)	-	ND (0.00073)	ND (0.00081)	ND (0.094)	ND (0.00084)	-	ND (0.082)	ND (0.00076)	ND (1.7)	ND (0.00074)	-	ND (0.076)	ND (0.00068)	ND (0.00092)	-	ND (0.00074)
1,3,5-Trimethylbenzene	500	-	ND (0.0009)	1.6	ND (0.00098)	-	0.00061 J	0.033	0.069 J	0.0012	-	0.87	0.0059	4.9	0.00072 J	-	0.96	0.0043	ND (0.00092)	-	0.01
1,3-Dichlorobenzene	280	-	ND (0.0009)	ND (0.1)	ND (0.00098)	-	ND (0.00073)	ND (0.00081)	ND (0.094)	ND (0.00084)	-	ND (0.082)	ND (0.00076)	ND (1.7)	ND (0.00074)	-	ND (0.076)	ND (0.00068)	ND (0.00092)	-	ND (0.00074)
1,4-Dichlorobenzene	130	-	ND (0.0009)	ND (0.1)	ND (0.00098)	-	ND (0.00073)	ND (0.00081)	ND (0.094)	ND (0.00084)	-	ND (0.082)	ND (0.00076)	ND (1.7)	ND (0.00074)	-	ND (0.076)	ND (0.00068)	ND (0.00092)	-	ND (0.00074)
2-Butanone (Methyl Ethyl Ketone)	500	-	ND (0.0045)	ND (0.51)	ND (0.0049)	-	0.014	ND (0.0041)	ND (0.47)	0.0059	-	ND (0.41)	ND (0.0038)	ND (8.4)	0.018	-	ND (0.38)	ND (0.0034)	ND (0.0046)	-	ND (0.0037)
2-Hexanone (Methyl Butyl Ketone)	NA	-	ND (0.0045)	ND (0.51)	ND (0.0049)	-	ND (0.0036)	ND (0.0041)	ND (0.47)	ND (0.0042)	-	ND (0.41)	ND (0.0038)	ND (8.4)	ND (0.0037)	-	ND (0.38)	ND (0.0034)	ND (0.0046)	-	ND (0.0037)
2-Phenylbutane (sec-Butylbenzene)	500	-	ND (0.0009)	0.13	ND (0.00098)	-	0.0011	ND (0.00081)	0.62	ND (0.00084)	-	0.07 J	ND (0.00076)	8.4	0.0098	-	0.068 J	ND (0.00068)	ND (0.00092)	-	ND (0.00074)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	-	ND (0.0045)	ND (0.51)	ND (0.0049)	-	ND (0.0036)	ND (0.0041)	ND (0.47)	ND (0.0042)	-	ND (0.41)	ND (0.0038)	ND (8.4)	ND (0.0037)	-	ND (0.38)	ND (0.0034)	ND (0.0046)	-	ND (0.0037)
Acetone	500	-	ND (0.0054)	ND (0.51)	0.013	-	0.072	0.055	ND (0.47)	0.032	-	ND (0.41)	0.0047	ND (8.4)	0.057	-	ND (0.38)	0.0063	ND (0.0055)	-	0.02
Benzene	20	-	ND (0.0009)	0.14	ND (0.00098)	-	ND (0.00073)	0.00098	ND (0.094)	ND (0.00084)	-	ND (0.082)	ND (0.00076)	ND (1.7)	ND (0.00074)	-	ND (0.076)	ND (0.00068)	ND (0.00092)	-	0.00088
Bromodichloromethane	NA	-	ND (0.0009)	ND (0.1)	ND (0.00098)	-	ND (0.00073)	ND (0.00081)	ND (0.094)	ND (0.00084)	-	ND (0.082)	ND (0.00076)	ND (1.7)	ND (0.00074)	-	ND (0.076)	ND (0.00068)	ND (0.00092)	-	ND (0.00074)
Bromoform	NA	-	ND (0.0009)	ND (0.1)	ND (0.00098)	-	ND (0.00073)	ND (0.00081) J	ND (0.094)	ND (0.00084)	-	ND (0.082)	ND (0.00076)	ND (1.7)	ND (0.00074) J	-	ND (0.076)	ND (0.00068) J	ND (0.00092) J	-	ND (0.00074) J
Bromomethane (Methyl Bromide)	NA	-	ND (0.0018)	ND (0.1)	ND (0.002)	-	ND (0.0015)	ND (0.0016)	ND (0.094)	ND (0.0017)	-	ND (0.082)	ND (0.0015)	ND (1.7)	ND (0.0015)	-	ND (0.076)	ND (0.0014)	ND (0.0018)	-	ND (0.0015)
Carbon disulfide	NA	-	0.00078 J	ND (0.1)	ND (0.00098)	-	0.0011	0.0028	ND (0.094)	0.0011	-	ND (0.082)	ND (0.00076)	ND (1.7)	0.00047 J	-	ND (0.076)	0.00093	ND (0.00092)	-	ND (0.00074)
Carbon tetrachloride	41	-	ND (0.0009)	ND (0.1)	ND (0.00098)	-	ND (0.00073)	ND (0.00081) J	ND (0.094)	ND (0.00084)	-	ND (0.082)	ND (0.00076)	ND (1.7)	ND (0.00074) J	-	ND (0.076)	ND (0.00068)	ND (0.00092)	-	ND (0.00074)
Chlorobenzene	500	-	ND (0.0009)	ND (0.1)	ND (0.00098)	-	ND (0.00073)	ND (0.00081)	ND (0.094)	ND (0.00084)	-	ND (0.082)	ND (0.00076)	ND (1.7)	ND (0.00074)	-	ND (0.076)	ND (0.00068)	ND (0.00092)	-	ND (0.00074)
Chlorobromomethane	NA	-	ND (0.0009)	ND (0.1)	ND (0.00098)	-	ND (0.00073)	ND (0.00081)	ND (0.094)	ND (0.00084)	-	ND (0.082)	ND (0.00076)	ND (1.7)	ND (0.00074)	-	ND (0.076)	ND (0.00068)	ND (0.00092)	-	ND (0.00074)
Chloroethane	NA	-	ND (0.0009)	ND (0.1)	ND (0.00098)	-	ND (0.00073)	ND (0.00081)	ND (0.094)	ND (0.00084)	-	ND (0.082)	ND (0.00076)	ND (1.7)	ND (0.00074)	-	ND (0.076)	ND (0.00068)	ND (0.00092)	-	ND (0.00074)
Chloroform (Trichloromethane)	180	-	ND (0.0009)	ND (0.1)	ND (0.00098)	-	ND (0.00073)	ND (0.00081)	ND (0.094)	ND (0.00084)	-	ND (0.082)	ND (0.00076)	ND (1.7)	ND (0.00074)	-	ND (0.076)	ND (0.00068)	ND (0.00092)	-	ND (0.00074)
Chloromethane (Methyl Chloride)	NA	-	ND (0.0009)	ND (0.1)	ND (0.00098)	-	ND (0.00073)	ND (0.00081)	ND (0.094)	ND (0.00084)	-	ND (0.082)	ND (0.00076)	ND (1.7)	ND (0.00074)	-	ND (0.076)	ND (0.00068)	ND (0.00092)	-	ND (0.00074)
cis-1,2-Dichloroethene	500	-	ND (0.0009)	ND (0.1)	ND (0.00098)	-	ND (0.00073)	ND (0.00081)	ND (0.094)	ND (0.00084)	-	ND (0.082)	ND (0.00076)	ND (1.7)	ND (0.00074)	-	ND (0.076)	ND (0.00068)	ND (0.00092)	-	ND (0.00074)
cis-1,3-Dichloropropene	NA	-	ND (0.0009)	ND (0.1)	ND (0.00098)	-	ND (0.00073)	ND (0.00081)	ND (0.094)	ND (0.00084)	-	ND (0.082)	ND (0.00076)	ND (1.7)	ND (0.00074)	-	ND (0.076)	ND (0.00068)	ND (0.00092)	-	ND (0.00074)
Cyclohexane	NA	-	ND (0.0009)	ND (0.1)	ND (0.00098)	-	0.018	0.068 J+	1.2	ND (0.00084)	-	ND (0.082)	ND (0.00076)	75	0.039 J+	-	ND (0.076)	ND (0.00068)	ND (0.00092)	-	ND (0.00074)
Dibromochloromethane	NA	-	ND (0.0009)	ND (0.1)	ND (0.00098)	-	ND (0.00073)	ND (0.00081) J	ND (0.094)	ND (0.00084)	-	ND (0.082)	ND (0.00076)	ND (1.7)	ND (0.00074) J	-	ND (0.076)	ND (0.00068) J	ND (0.00092) J	-	ND (0.00074) J
Dichlorodifluoromethane (CFC-12)	NA	-	ND (0.0009)	ND (0.1)	ND (0.00098)	-	ND (0.00073)	ND (0.00081)	ND (0.094)	ND (0.00084)	-	ND (0.082)	ND (0.00076)	ND (1.7)	ND (0.00074)	-	ND (0.076)	ND (0.00068)	ND (0.00092)	-	ND (0.00074)
Ethylbenzene	390	-	ND (0.0009)	0.97	ND (0.00098)	-	0.0011	0.027 J+	0.1	0.0019	-	0.49	ND (0.00076)	24	0.0012 J+	-	0.41	0.00064 J	ND (0.00092)	-	0.0068
Isopropylbenzene (Cumene)	NA	-	ND (0.0009)	0.16	ND (0.00098)	-	0.0016	0.019	0.5	0.0003 J	-	0.093	ND (0.00076)	18	0.0044	-	0.071 J	ND (0.00068)	ND (0.00092)	-	0.0013
m,p-Xylenes	NA	-	ND (0.0009)	3.8	ND (0.00098)	-	0.0032	0.096 J+	0.06 J	0.0058	-	2 J	ND (0.00076)	4.7	0.0045 J+	-	1.8	0.0034	ND (0.00092)	-	0.024
Methyl acetate	NA	-	ND (0.0045)	ND (0.51)	ND (0.0049)	-	ND (0.0036)	ND (0.0041)	ND (0.47)	ND (0.0042)	-	ND (0.41)	ND (0.0038)	ND (8.4)	ND (0.0037)	-	3.1	ND (0.0034)	ND (0.0046)	-	ND (0.0037)
Methyl Tert Butyl Ether (MTBE)	500	-	ND (0.0009)	ND (0.1)	ND (0.00098)	-	ND (0.00073)	ND (0.00081)	ND (0.094)	ND (0.00084)	-	ND (0.082)	ND (0.00076)	ND (1.7)	ND (0.00074)	-	ND (0.076)	ND (0.00068)	ND (0.00092)	-	ND (0.00074)
Methylcyclohexane	NA	-	ND (0.0009)	0.42	0.0063	-	0.054	0.43	8.6	0.0018	-	0.19 J	0.0086	530	0.12	-	0.25	0.0031	0.001	-	0.0081
Methylene chloride (Dichloromethane)	500	-	ND (0.0018)	ND (0.1)	ND (0.002)	-	ND (0.0015)	ND (0.0016)	ND (0.094)	ND (0.0017)	-	ND (0.082)	ND (0.0015)	ND (1.7)	ND (0.0015)	-	ND (0.076)	ND (0.0014)	ND (0.0018)	-	ND (0.0015)
n-Butylbenzene	500	-	ND (0.0009)	0.45	ND (0.00098)	-	ND (0.00073)	0.027	1.3	ND (0.00084)	-	0.22	ND (0.00076)	12	0.016	-	0.22	0.00058 J	ND (0.00092)	-	0.0019
n-Propylbenzene	500	-	ND (0.0009)	0.73	ND (0.00098)	-	0.00072 J	0.041	1.2	0.00068 J	-	0.45	ND (0.00076)	18	0.0064	-	0.37	0.00036 J	ND (0.00092)	-	0.004
o-Xylene	NA	-	ND (0.0009)	1.5	ND (0.00098)	-	0.0012	0.036 J+	ND (0.094)	0.002	-	0.6	0.0011	0.55 J	0.0013 J+	-	0.71	0.0018	ND (0.00092)	-	0.012
Styrene	NA	-	ND (0.0009)	ND (0.1)	ND (0.00098)	-	ND (0.00073)	ND (0.00081)	ND (0.094)	ND (0.00084)	-	ND (0.082)	ND (0.00076)	ND (1.7)	ND (0.00074)	-	ND (0.076)	ND (0.00068)	ND (0.00092)	-	ND (0.00074)
tert-Butylbenzene	500	-	ND (0.0009)	ND (0.1)	ND (0.00098)	-	0.00042 J	0.003	0.11	ND (0.00084)	-	ND (0.082)	ND (0.00076)	2.3	0.0011	-	ND (0.076)	ND (0.00068)	ND (0.00092)	-	ND (0.00074)
Tetrachloroethene	81	-	ND (0.0009)	ND (0.1)	ND (0.00098)	-	ND (0.00073)	ND (0.00081)	ND (0.094)	ND (0.00084)	-	ND (0.082)	ND (0.00076)	ND (1.7)	ND (0.00074)	-	ND (0.076)	ND (0.00068)	ND (0.00092)	-	ND (0.00074)
Toluene	500	-	ND (0.0009)	1.2	ND (0.00098)	-	0.002	0.018	ND (0.094)	0.0059	-	0.16	0.00046 J	ND (1.7)	0.0016	-	0.18	0.0015	ND (0.00092)	-	0.0055
trans-1,2-Dichloroethene	500	-	ND (0.0009)	ND (0.1)	ND (0.00098)	-	ND (0.00073)	ND (0.00081)	ND (0.094)	ND (0.00084)	-	ND (0.082)	ND (0.00076)	ND (1.7)	ND (0.00074)	-	ND (0.076)	ND (0.00068)	ND (0.00092)	-	ND (0.00074)
trans-1,3-Dichloropropene	NA	-	ND (0.0009)	ND (0.1)	ND (0.00098)	-	ND (0.00073)	ND (0.00081)	ND (0.094)	ND (0.00084)	-	ND (0.082)	ND (0.00076)	ND (1.7)	ND (0.00074)	-	ND (0.076)	ND (0.00068)	ND (0.00092)	-	ND (0.00074)
Trichloroethene	54	-	ND (0.0009)	ND (0.1)	ND (0.00098)	-	ND (0.00073)	ND (0.00081)	ND (0.094)	ND (0.00084)	-	ND (0.082)	ND (0.00076)	ND (1.7)	ND (0.00074)	-	ND (0.076)	ND (0.00068)	ND (0.00092)	-	ND (0.00074)
Trichlorofluoromethane (CFC-11)	NA	-	ND (0.0009)	ND (0.1)	ND (0.00098)	-	ND (0.00073)	ND (0.00081)	ND (0.094)	ND (0.00084)	-	ND (0.082)	ND (0.00076)	ND (1.7)	ND (0.00074)	-	ND (0.076)	ND (0.00068)	ND (0.00092)	-	ND (0.00074)
Trifluorotrichloroethane (Freon 113)	NA	-	ND (0.0009)	ND (0.1)	ND (0.00098)	-	ND (0.00073)	ND (0.00081)	ND (0.094)	ND (0.00084)	-	ND (0.082)	ND (0.00076)	ND (1.7)	ND (0.00074)	-	ND (0.076)	ND (0.00068)	ND (0.00092)	-	ND (0.00074)
Vinyl chloride	7.1	-	ND (0.0009)	ND (0.1)	ND (0.00098)	-	ND (0.00073)	ND (0.00081)	ND (0.094)	ND (0.00084)	-	ND (0.082)	ND (0.00076)	ND (1.7)	ND (0.00074)	-	ND (0.076)	ND (0.00068)	ND (0.00092)	-	ND (0.00074)
Xylene (Total)	500	-	ND (0.0018)	5.3	ND (0.002)	-	0.0044	0.13	0.06 J	0.0079	-	2.6 J	0.0011 J	5.2	0.0059	-	2.5	0.0052	ND (0.0018)	-	0.036

TABLE 1
SUMMARY OF SOIL QUALITY DATA - AST10X ISS OVERBURDEN GRIDS 37 THROUGH 44
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208988

	Criteria																				
Location Name	NY Part 375	ISS-37	ISS-37	ISS-37	ISS-37	ISS-38	ISS-38	ISS-38	ISS-38	ISS-38	ISS-39	ISS-39	ISS-39	ISS-39	ISS-39	ISS-40	ISS-40	ISS-40	ISS-40	ISS-41	ISS-41
Sample Name	Commercial Use	ISS-37_0-4	ISS-37_A	ISS-37_B	ISS-37_C	ISS-38_0-4	ISS-38_A	ISS-38_B	ISS-38_C	ISS-38_D	ISS-39_0-4	ISS-39_A	ISS-39_B	ISS-39_C	ISS-39_D	ISS-40_0-4	ISS-40_A	ISS-40_B	ISS-40_C	ISS-41_0-4	ISS-41_A
Sample Date	Soil Cleanup	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/21/2026	05/21/2026	05/21/2026	05/21/2026	05/21/2026	05/21/2026
Lab Sample ID	Objectives	460-351338-4	460-351338-1	460-351338-2	460-351338-3	460-351338-9	460-351338-5	460-351338-6	460-351338-7	460-351338-8	460-351338-23	460-351338-19	460-351338-20	460-351338-21	460-351338-22	460-351592-4	460-351592-1	460-351592-2	460-351592-3	460-351592-9	460-351592-5
Sample Depth (bgs)	2025	0 - 4 (ft)	-	-	-	0 - 4 (ft)	-	-	-	-	0 - 4 (ft)	-	-	-	-	0 - 4 (ft)	-	-	-	0 - 4 (ft)	-
Semi-Volatile Organic Compounds (mg/kg)																					
1,2,4,5-Tetrachlorobenzene	NA	ND (0.36)	-	-	-	ND (0.37)	-	-	-	-	ND (0.36)	-	-	-	-	ND (0.37)	-	-	-	ND (0.38)	-
1,4-Dioxane	36	ND (0.036)	-	-	-	ND (0.037)	-	-	-	-	ND (0.036)	-	-	-	-	ND (0.037)	-	-	-	ND (0.038)	-
2,2'-oxybis(1-Chloropropane)	NA	ND (0.36)	-	-	-	ND (0.37)	-	-	-	-	ND (0.36)	-	-	-	-	ND (0.37)	-	-	-	ND (0.38)	-
2,3,4,6-Tetrachlorophenol	NA	ND (0.36)	-	-	-	ND (0.37)	-	-	-	-	ND (0.36)	-	-	-	-	ND (0.37)	-	-	-	ND (0.38)	-
2,4,5-Trichlorophenol	NA	ND (0.36)	-	-	-	ND (0.37)	-	-	-	-	ND (0.36)	-	-	-	-	ND (0.37)	-	-	-	ND (0.38)	-
2,4,6-Trichlorophenol	NA	ND (0.15)	-	-	-	ND (0.15)	-	-	-	-	ND (0.14)	-	-	-	-	ND (0.15)	-	-	-	ND (0.15)	-
2,4-Dichlorophenol	NA	ND (0.15)	-	-	-	ND (0.15)	-	-	-	-	ND (0.14)	-	-	-	-	ND (0.15)	-	-	-	ND (0.15)	-
2,4-Dimethylphenol	NA	ND (0.36)	-	-	-	ND (0.37)	-	-	-	-	ND (0.36)	-	-	-	-	ND (0.37)	-	-	-	ND (0.38)	-
2,4-Dinitrophenol	NA	ND (0.29)	-	-	-	ND (0.29)	-	-	-	-	ND (0.29)	-	-	-	-	ND (0.3)	-	-	-	ND (0.3)	-
2,4-Dinitrotoluene	NA	ND (0.074)	-	-	-	ND (0.074)	-	-	-	-	ND (0.072)	-	-	-	-	ND (0.076)	-	-	-	ND (0.076)	-
2,6-Dinitrotoluene	NA	ND (0.074)	-	-	-	ND (0.074)	-	-	-	-	ND (0.072)	-	-	-	-	ND (0.076)	-	-	-	ND (0.076)	-
2-Chloronaphthalene	NA	ND (0.36)	-	-	-	ND (0.37)	-	-	-	-	ND (0.36)	-	-	-	-	ND (0.37)	-	-	-	ND (0.38)	-
2-Chlorophenol	NA	ND (0.36)	-	-	-	ND (0.37)	-	-	-	-	ND (0.36)	-	-	-	-	ND (0.37)	-	-	-	ND (0.38)	-
2-Methylnaphthalene	NA	0.058 J	-	-	-	ND (0.37)	-	-	-	-	0.029 J	-	-	-	-	0.015 J	-	-	-	0.023 J	-
2-Methylphenol (o-Cresol)	500	ND (0.22)	-	-	-	ND (0.22)	-	-	-	-	ND (0.22)	-	-	-	-	ND (0.23)	-	-	-	ND (0.23)	-
2-Nitroaniline	NA	ND (0.36)	-	-	-	ND (0.37)	-	-	-	-	ND (0.36)	-	-	-	-	ND (0.37)	-	-	-	ND (0.38)	-
2-Nitrophenol	NA	ND (0.36)	-	-	-	ND (0.37)	-	-	-	-	ND (0.36)	-	-	-	-	ND (0.37)	-	-	-	ND (0.38)	-
3&4-Methylphenol	NA	ND (0.22)	-	-	-	ND (0.22)	-	-	-	-	ND (0.22)	-	-	-	-	ND (0.23)	-	-	-	ND (0.23)	-
3,3'-Dichlorobenzidine	NA	ND (0.15)	-	-	-	ND (0.15)	-	-	-	-	ND (0.14)	-	-	-	-	ND (0.15)	-	-	-	ND (0.15)	-
3-Nitroaniline	NA	ND (0.36)	-	-	-	ND (0.37)	-	-	-	-	ND (0.36)	-	-	-	-	ND (0.37)	-	-	-	ND (0.38)	-
4,6-Dinitro-2-methylphenol	NA	ND (0.29)	-	-	-	ND (0.29)	-	-	-	-	ND (0.29)	-	-	-	-	ND (0.3)	-	-	-	ND (0.3)	-
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (0.36)	-	-	-	ND (0.37)	-	-	-	-	ND (0.36)	-	-	-	-	ND (0.37)	-	-	-	ND (0.38)	-
4-Chloro-3-methylphenol	NA	ND (0.36)	-	-	-	ND (0.37)	-	-	-	-	ND (0.36)	-	-	-	-	ND (0.37)	-	-	-	ND (0.38)	-
4-Chloroaniline	NA	ND (0.36)	-	-	-	ND (0.37)	-	-	-	-	ND (0.36)	-	-	-	-	ND (0.37)	-	-	-	ND (0.38)	-
4-Chlorophenyl phenyl ether	NA	ND (0.36)	-	-	-	ND (0.37)	-	-	-	-	ND (0.36)	-	-	-	-	ND (0.37)	-	-	-	ND (0.38)	-
4-Methylphenol (p-Cresol)	500	ND (0.36)	-	-	-	ND (0.37)	-	-	-	-	ND (0.36)	-	-	-	-	ND (0.37)	-	-	-	ND (0.38)	-
4-Nitroaniline	NA	ND (0.36)	-	-	-	ND (0.37)	-	-	-	-	ND (0.36)	-	-	-	-	ND (0.37)	-	-	-	ND (0.38)	-
4-Nitrophenol	NA	ND (0.74)	-	-	-	ND (0.74)	-	-	-	-	ND (0.72)	-	-	-	-	ND (0.76)	-	-	-	ND (0.76)	-
Acenaphthene	500	ND (0.36)	-	-	-	ND (0.37)	-	-	-	-	ND (0.36)	-	-	-	-	ND (0.37)	-	-	-	ND (0.38)	-
Acenaphthylene	500	ND (0.36)	-	-	-	ND (0.37)	-	-	-	-	ND (0.36)	-	-	-	-	ND (0.37)	-	-	-	ND (0.38)	-
Acetophenone	NA	ND (0.36)	-	-	-	ND (0.37)	-	-	-	-	ND (0.36)	-	-	-	-	ND (0.37)	-	-	-	ND (0.38)	-
Anthracene	500	ND (0.36)	-	-	-	ND (0.37)	-	-	-	-	ND (0.36)	-	-	-	-	ND (0.37)	-	-	-	ND (0.38)	-
Atrazine	NA	ND (0.15)	-	-	-	ND (0.15)	-	-	-	-	ND (0.14)	-	-	-	-	ND (0.15)	-	-	-	ND (0.15)	-
Benzaldehyde	NA	ND (0.36)	-	-	-	ND (0.37)	-	-	-	-	ND (0.36)	-	-	-	-	ND (0.37)	-	-	-	ND (0.38)	-
Benzo(a)anthracene	37	ND (0.036)	-	-	-	ND (0.037)	-	-	-	-	ND (0.036)	-	-	-	-	0.0084 J	-	-	-	ND (0.038)	-
Benzo(a)pyrene	3.7	ND (0.036)	-	-	-	ND (0.037)	-	-	-	-	ND (0.036)	-	-	-	-	ND (0.037)	-	-	-	0.15	-
Benzo(b)fluoranthene	37	ND (0.036)	-	-	-	ND (0.037)	-	-	-	-	ND (0.036)	-	-	-	-	ND (0.037)	-	-	-	0.091	-
Benzo(g,h,i)perylene	47	ND (0.36)	-	-	-	ND (0.37)	-	-	-	-	ND (0.36)	-	-	-	-	ND (0.37)	-	-	-	0.22 J	-
Benzo(k)fluoranthene	47	ND (0.036)	-	-	-	ND (0.037)	-	-	-	-	ND (0.036)	-	-	-	-	ND (0.037)	-	-	-	ND (0.038)	-
Biphenyl	NA	ND (0.36)	-	-	-	ND (0.37)	-	-	-	-	ND (0.36)	-	-	-	-	ND (0.37)	-	-	-	ND (0.38)	-
bis(2-Chloroethoxy)methane	NA	ND (0.36)	-	-	-	ND (0.37)	-	-	-	-	ND (0.36)	-	-	-	-	ND (0.37)	-	-	-	ND (0.38)	-
bis(2-Chloroethyl)ether	NA	ND (0.036)	-	-	-	ND (0.037)	-	-	-	-	ND (0.036)	-	-	-	-	ND (0.037)	-	-	-	ND (0.038)	-
bis(2-Ethylhexyl)phthalate	NA	ND (0.36)	-	-	-	ND (0.37)	-	-	-	-	ND (0.36)	-	-	-	-	ND (0.37)	-	-	-	ND (0.38)	-
Butyl benzylphthalate (BBP)	NA	ND (0.36)	-	-	-	ND (0.37)	-	-	-	-	ND (0.36)	-	-	-	-	ND (0.37)	-	-	-	ND (0.38)	-
Caprolactam	NA	ND (0.36)	-	-	-	ND (0.37)	-	-	-	-	ND (0.36)	-	-	-	-	ND (0.37)	-	-	-	ND (0.38)	-
Carbazole	NA	ND (0.36)	-	-	-	ND (0.37)	-	-	-	-	ND (0.36)	-	-	-	-	ND (0.37)	-	-	-	ND (0.38)	-
Chrysene	47	ND (0.36)	-	-	-	ND (0.37)	-	-	-	-	ND (0.36)	-	-	-	-	0.0043 J	-	-	-	ND (0.38)	-
Dibenz(a,h)anthracene	3.7	ND (0.036)	-	-	-	ND (0.037)	-	-	-	-	ND (0.036)	-	-	-	-	ND (0.037)	-	-	-	0.028 J	-
Dibenzofuran	180	ND (0.36)	-	-	-	ND (0.37)	-	-	-	-	ND (0.36)	-	-	-	-	ND (0.37)	-	-	-	ND (0.38)	-
Diethyl phthalate	NA	ND (0.36)	-	-	-	ND (0.37)	-	-	-	-	ND (0.36)	-	-	-	-	ND (0.37)	-	-	-	ND (0.38)	-
Dimethyl phthalate	NA	ND (0.36)	-	-	-	ND (0.37)	-	-	-	-	ND (0.36)	-	-	-	-	ND (0.37)	-	-	-	ND (0.38)	-
Di-n-butylphthalate (DBP)	NA	ND (0.36)	-	-	-	ND (0.37)	-	-	-	-	ND (0.36)	-	-	-	-	ND (0.37)	-	-	-	ND (0.38)	-
Di-n-octyl phthalate (DnOP)	NA	ND (0.36)	-	-	-	ND (0.37)	-	-	-	-	ND (0.36)	-	-	-	-	ND (0.37)	-	-	-	ND (0.38)	-
Fluoranthene	500	0.027 J	-	-	-	ND (0.37)	-	-	-	-	ND (0.36)	-	-	-	-	ND (0.37)	-	-	-	ND (0.38)	-
Fluorene	500	ND (0.36)	-	-	-	ND (0.37)	-	-	-	-	ND (0.36)	-	-	-	-	ND (0.37)	-	-	-	ND (0.38)	-
Hexachlorobenzene	1.8	ND (0.036)	-	-	-	ND (0.037)	-	-	-	-	ND (0.036)	-	-	-	-	ND (0.037)	-	-	-	ND (0.038)	-
Hexachlorobutadiene	NA	ND (0.074)	-	-	-	ND (0.074)	-	-	-	-	ND (0.072)	-	-	-	-	ND (0.076)	-	-	-	ND (0.076)	-
Hexachlorocyclopentadiene	NA	ND (0.36)	-	-	-	ND (0.37)	-	-	-	-	ND (0.36)	-	-	-	-	ND (0.37)	-	-	-	ND (0.38)	-
Hexachloroethane	NA	ND (0.036)	-	-	-	ND (0.037)	-	-	-	-	ND (0.036)	-	-	-	-	ND (0.037)	-	-	-	ND (0.038)	-
Indeno(1,2,3-cd)pyrene	37	ND (0.036)	-	-	-	ND (0.037)	-	-	-	-	ND (0.036)	-	-	-	-	ND (0.037)	-	-	-	ND (0.038)	-
Isophorone	NA	ND (0.15)	-	-	-	ND (0.15)	-	-	-	-	ND (0.14)	-	-	-	-	ND (0.15)	-	-	-	ND (0.15)	-
Naphthalene	500	0.013 J	-	-	-	0.0075 J	-	-	-	-	0.026 J	-	-	-	-	ND (0.37)	-	-	-	0.0083 J	-
Nitrobenzene	8.9	ND (0.036)	-	-	-	ND (0.037)	-	-	-	-	ND (0.036)	-	-	-	-	ND (0.037)	-	-	-	ND (0.038)	-
N-Nitrosodi-n-propylamine	NA	ND (0.036)	-	-	-	ND (0.037)	-	-	-	-	ND (0.036)	-	-	-	-	ND (0.037)	-	-	-	ND (0.038)	-
N-Nitrosodiphenylamine	NA	ND (0.36)	-	-	-	ND (0.37)	-	-	-	-	ND (0.36)	-	-	-	-	ND (0.37)	-	-	-	ND (0.38)	-
Pentachlorophenol	6.9	ND (0.29)	-	-	-	ND (0.29)	-	-	-	-	ND (0.29)	-	-	-	-	ND (0.3)	-	-	-	ND (0.3)	-
Phenanthrene	47	ND (0.36)	-	-	-	ND (0.37)	-	-	-	-	ND (0.36)	-	-	-	-	0.01 J	-	-	-	0.024 J	-
Phenol	500	ND (0.22)	-	-	-	ND (0.22)	-	-	-	-	ND (0.22)	-	-	-	-	ND (0.23)	-	-	-	ND (0.23)	-
Pyrene	500	0.026 J	-	-	-	ND (0.37)	-	-	-	-	ND (0.36)	-	-	-	-	ND (0.37)	-	-	-	0.24 J	-

TABLE 1
SUMMARY OF SOIL QUALITY DATA - AST10X ISS OVERBURDEN GRIDS 37 THROUGH 44
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208988

	Criteria																				
Location Name	NY Part 375	ISS-37	ISS-37	ISS-37	ISS-37	ISS-38	ISS-38	ISS-38	ISS-38	ISS-38	ISS-39	ISS-39	ISS-39	ISS-39	ISS-39	ISS-40	ISS-40	ISS-40	ISS-40	ISS-41	ISS-41
Sample Name	Commercial Use	ISS-37_0-4	ISS-37_A	ISS-37_B	ISS-37_C	ISS-38_0-4	ISS-38_A	ISS-38_B	ISS-38_C	ISS-38_D	ISS-39_0-4	ISS-39_A	ISS-39_B	ISS-39_C	ISS-39_D	ISS-40_0-4	ISS-40_A	ISS-40_B	ISS-40_C	ISS-41_0-4	ISS-41_A
Sample Date	Soil Cleanup	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/21/2026	05/21/2026	05/21/2026	05/21/2026	05/21/2026	05/21/2026
Lab Sample ID	Objectives	460-351338-4	460-351338-1	460-351338-2	460-351338-3	460-351338-9	460-351338-5	460-351338-6	460-351338-7	460-351338-8	460-351338-23	460-351338-19	460-351338-20	460-351338-21	460-351338-22	460-351592-4	460-351592-1	460-351592-2	460-351592-3	460-351592-9	460-351592-5
Sample Depth (bgs)	2025	0 - 4 (ft)	-	-	-	0 - 4 (ft)	-	-	-	-	0 - 4 (ft)	-	-	-	-	0 - 4 (ft)	-	-	-	0 - 4 (ft)	-
PFAS (mg/kg)																					
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (0.0002)	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	ND (0.0002)	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (0.00098)	-	-	-	ND (0.00099)	-	-	-	-	ND (0.00099)	-	-	-	-	ND (0.00098)	-	-	-	ND (0.00099)	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (0.00098)	-	-	-	ND (0.00099)	-	-	-	-	ND (0.00099)	-	-	-	-	ND (0.00098)	-	-	-	ND (0.00099)	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (0.00039)	-	-	-	ND (0.00039)	-	-	-	-	ND (0.00039)	-	-	-	-	ND (0.00039)	-	-	-	ND (0.0004)	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (0.0002)	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	ND (0.0002)	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (0.00039)	-	-	-	ND (0.00039)	-	-	-	-	ND (0.00039)	-	-	-	-	ND (0.00039) J	-	-	-	ND (0.0004) J	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (0.00039)	-	-	-	ND (0.00039)	-	-	-	-	ND (0.00039)	-	-	-	-	ND (0.00039) J	-	-	-	ND (0.0004) J	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	ND (0.00039)	-	-	-	ND (0.00039)	-	-	-	-	ND (0.00039)	-	-	-	-	ND (0.00039) J	-	-	-	ND (0.0004) J	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (0.0002)	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	ND (0.0002)	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (0.0002)	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	ND (0.0002)	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (0.0002)	-	-	-	ND (0.0002) J	-	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	ND (0.0002) J	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (0.00098) J	-	-	-	ND (0.00099) J	-	-	-	-	ND (0.00099) J	-	-	-	-	ND (0.00098) J	-	-	-	ND (0.00099) J	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	ND (0.0002)	-	-	-	ND (0.0002) J	-	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	ND (0.0002)	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (0.0002)	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	ND (0.0002)	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (0.00098) J	-	-	-	ND (0.00099) J	-	-	-	-	ND (0.00099) J	-	-	-	-	ND (0.00098) J	-	-	-	ND (0.00099) J	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (0.0002)	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	ND (0.0002)	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (0.0002)	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	ND (0.0002)	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (0.0002)	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	ND (0.0002)	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (0.0002)	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	ND (0.0002)	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (0.0002)	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	ND (0.0002)	-
Perfluorobutanesulfonic acid (PFBS)	NA	ND (0.0002)	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	ND (0.0002)	-
Perfluorobutanoic acid (PFBA)	NA	ND (0.00039)	-	-	-	ND (0.00039)	-	-	-	-	ND (0.00039)	-	-	-	-	ND (0.00039)	-	-	-	ND (0.0004)	-
Perfluorodecanesulfonic acid (PFDS)	NA	ND (0.0002)	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	ND (0.0002)	-
Perfluorodecanoic acid (PFDA)	NA	0.00014 J	-	-	-	0.00007 J	-	-	-	-	0.000089 J	-	-	-	-	0.00021	-	-	-	0.00017 J	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (0.0002)	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	ND (0.0002)	-
Perfluorododecanoic acid (PFDoDA)	NA	ND (0.0002)	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	ND (0.0002)	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (0.0002)	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	ND (0.0002)	-
Perfluoroheptanoic acid (PFHpA)	NA	ND (0.0002)	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	ND (0.0002)	-
Perfluorohexanesulfonic acid (PFHxS)	NA	ND (0.0002)	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	ND (0.0002)	-
Perfluorohexanoic acid (PFHxA)	NA	ND (0.0002)	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	ND (0.0002)	-
Perfluorononane sulfonic acid (PFNS)	NA	ND (0.0002)	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	ND (0.0002)	-
Perfluorononanoic acid (PFNA)	NA	0.00098	-	-	-	0.00114	-	-	-	-	0.00022	-	-	-	-	0.00051	-	-	-	0.00061	-
Perfluorooctane sulfonamide (PFOSA)	NA	ND (0.0002)	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	ND (0.0002)	-
Perfluorooctanesulfonic acid (PFOS)	0.44	0.00032	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	ND (0.0002)	-
Perfluorooctanoic acid (PFOA)	0.5	0.00032	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	-	0.000086 J	-	-	-	ND (0.0002)	-
Perfluoropentanesulfonic acid (PFPeS)	NA	ND (0.0002)	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	ND (0.0002)	-
Perfluoropentanoic acid (PFPeA)	NA	ND (0.0002)	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002)	-	-	-	ND (0.0002)	-
Perfluorotetradecanoic acid (PFTeDA)	NA	ND (0.0002)	-	-	-	ND (0.0002)	-	-	-	-	ND (0.0002) J	-	-	-	-	ND (0.0002)	-	-	-	ND (0.0002)	-
Perfluorotridecanoic acid (PFTrDA)	NA	0.0002	-	-	-	0.0004	-	-	-	-	0.00123 J	-	-	-	-	0.00053	-	-	-	0.0007	-
Perfluoroundecanoic acid (PFUnDA)	NA	0.00045	-	-	-	0.00107	-	-	-	-	0.00116	-	-	-	-	0.00297	-	-	-	0.00199	-
Pesticides (mg/kg)																					
4,4'-DDD	33	ND (0.0022)	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0023)	-	-	-	ND (0.0023)	-
4,4'-DDE	22	ND (0.0022)	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0023)	-	-	-	ND (0.0023)	-
4,4'-DDT	27	ND (0.0022)	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0023)	-	-	-	ND (0.0023)	-
Aldrin	0.33	ND (0.0022)	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0023)	-	-	-	ND (0.0023)	-
alpha-BHC	1.2	ND (0.0022)	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0023)	-	-	-	ND (0.0023)	-
alpha-Chlordane (cis)	8.2	ND (0.0022)	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0023)	-	-	-	ND (0.0023)	-
beta-BHC	1.8	ND (0.0022)	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0023)	-	-	-	ND (0.0023)	-
Chlordane	NA	ND (0.074)	-	-	-	ND (0.074)	-	-	-	-	ND (0.072)	-	-	-	-	ND (0.076)	-	-	-	ND (0.076)	-
delta-BHC	500	ND (0.0022)	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0023)	-	-	-	ND (0.0023)	-
Dieldrin	0.48	ND (0.0022)	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0023)	-	-	-	ND (0.0023)	-
Endosulfan I	360	ND (0.0022)	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0023)	-	-	-	ND (0.0023)	-
Endosulfan II	360	ND (0.0022)	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0023)	-	-	-	ND (0.0023)	-
Endosulfan sulfate	360	ND (0.0022)	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0023)	-	-	-	ND (0.0023)	-
Endrin	55	ND (0.0022)	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0023)	-	-	-	ND (0.0023)	-
Endrin aldehyde	NA	ND (0.0022)	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0023)	-	-	-	ND (0.0023)	-
Endrin ketone	NA	ND (0.0022)	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0023)	-	-	-	ND (0.0023)	-
gamma-BHC (Lindane)	0.21	ND (0.0022)	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0023)	-	-	-	ND (0.0023)	-
Heptachlor	5.1	ND (0.0022)	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0023)	-	-	-	ND (0.0023)	-
Heptachlor epoxide	NA	ND (0.0022)	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0023)	-	-	-	ND (0.0023)	-
Methoxychlor	NA	ND (0.0022)	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0023)	-	-	-	ND (0.0023)	-
Toxaphene	NA	ND (0.074)	-	-	-	ND (0.074)	-	-	-	-	ND (0.072)	-	-	-	-	ND (0.076)	-	-	-	ND (0.076)	-

TABLE 1
SUMMARY OF SOIL QUALITY DATA - AST10X ISS OVERBURDEN GRIDS 37 THROUGH 44
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208988

	Criteria																				
Location Name	NY Part 375	ISS-37	ISS-37	ISS-37	ISS-37	ISS-38	ISS-38	ISS-38	ISS-38	ISS-38	ISS-39	ISS-39	ISS-39	ISS-39	ISS-39	ISS-40	ISS-40	ISS-40	ISS-40	ISS-41	ISS-41
Sample Name	Commercial Use	ISS-37_0-4	ISS-37_A	ISS-37_B	ISS-37_C	ISS-38_0-4	ISS-38_A	ISS-38_B	ISS-38_C	ISS-38_D	ISS-39_0-4	ISS-39_A	ISS-39_B	ISS-39_C	ISS-39_D	ISS-40_0-4	ISS-40_A	ISS-40_B	ISS-40_C	ISS-41_0-4	ISS-41_A
Sample Date	Soil Cleanup	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/21/2026	05/21/2026	05/21/2026	05/21/2026	05/21/2026	05/21/2026
Lab Sample ID	Objectives	460-351338-4	460-351338-1	460-351338-2	460-351338-3	460-351338-9	460-351338-5	460-351338-6	460-351338-7	460-351338-8	460-351338-23	460-351338-19	460-351338-20	460-351338-21	460-351338-22	460-351592-4	460-351592-1	460-351592-2	460-351592-3	460-351592-9	460-351592-5
Sample Depth (bgs)	2025	0 - 4 (ft)	-	-	-	0 - 4 (ft)	-	-	-	-	0 - 4 (ft)	-	-	-	-	0 - 4 (ft)	-	-	-	0 - 4 (ft)	-
Polychlorinated Biphenyls (mg/kg)																					
Aroclor-1016 (PCB-1016)	NA	ND (0.074)	-	-	-	ND (0.074)	-	-	-	-	ND (0.072)	-	-	-	-	ND (0.076)	-	-	-	ND (0.076)	-
Aroclor-1221 (PCB-1221)	NA	ND (0.074)	-	-	-	ND (0.074)	-	-	-	-	ND (0.072)	-	-	-	-	ND (0.076)	-	-	-	ND (0.076)	-
Aroclor-1232 (PCB-1232)	NA	ND (0.074)	-	-	-	ND (0.074)	-	-	-	-	ND (0.072)	-	-	-	-	ND (0.076)	-	-	-	ND (0.076)	-
Aroclor-1242 (PCB-1242)	NA	ND (0.074)	-	-	-	ND (0.074)	-	-	-	-	ND (0.072)	-	-	-	-	ND (0.076)	-	-	-	ND (0.076)	-
Aroclor-1248 (PCB-1248)	NA	ND (0.074)	-	-	-	ND (0.074)	-	-	-	-	ND (0.072)	-	-	-	-	ND (0.076)	-	-	-	ND (0.076)	-
Aroclor-1254 (PCB-1254)	NA	ND (0.074)	-	-	-	ND (0.074)	-	-	-	-	ND (0.072)	-	-	-	-	ND (0.076)	-	-	-	ND (0.076)	-
Aroclor-1260 (PCB-1260)	NA	ND (0.074)	-	-	-	ND (0.074)	-	-	-	-	ND (0.072)	-	-	-	-	ND (0.076)	-	-	-	ND (0.076)	-
Aroclor-1262 (PCB-1262)	NA	ND (0.074)	-	-	-	ND (0.074)	-	-	-	-	ND (0.072)	-	-	-	-	ND (0.076)	-	-	-	ND (0.076)	-
Aroclor-1268 (PCB-1268)	NA	ND (0.074)	-	-	-	ND (0.074)	-	-	-	-	ND (0.072)	-	-	-	-	ND (0.076)	-	-	-	ND (0.076)	-
Total PCBs	1	ND (0.074)	-	-	-	ND (0.074)	-	-	-	-	ND (0.072)	-	-	-	-	ND (0.076)	-	-	-	ND (0.076)	-
Inorganic Compounds (mg/kg)																					
Aluminum	NA	4180	-	-	-	4770	-	-	-	-	3230	-	-	-	-	4100	-	-	-	7260	-
Antimony	NA	1.4	-	-	-	0.33 J	-	-	-	-	0.38 J	-	-	-	-	0.13 J-	-	-	-	0.84 J-	-
Arsenic	16	13.1	-	-	-	5.2	-	-	-	-	4.4	-	-	-	-	4.8	-	-	-	7.6	-
Barium	410	33.6	-	-	-	24.6	-	-	-	-	25.6	-	-	-	-	16.6 J	-	-	-	63.5 J	-
Beryllium	670	0.38 J	-	-	-	0.37 J	-	-	-	-	0.27 J	-	-	-	-	0.44 J	-	-	-	0.58	-
Cadmium	3.7	0.31 J	-	-	-	0.16 J	-	-	-	-	ND (0.48)	-	-	-	-	ND (0.57)	-	-	-	0.3 J	-
Calcium	NA	2580	-	-	-	996	-	-	-	-	1030	-	-	-	-	1640 J	-	-	-	2020 J	-
Chromium	NA	9.7	-	-	-	10.7	-	-	-	-	6.4	-	-	-	-	49.6	-	-	-	23.3	-
Cobalt	NA	4.9	-	-	-	5.4	-	-	-	-	2.3	-	-	-	-	2.4	-	-	-	6.7	-
Copper	280	50.7	-	-	-	19.4	-	-	-	-	27.8	-	-	-	-	23.6	-	-	-	40.6	-
Iron	NA	12100	-	-	-	13200	-	-	-	-	8390	-	-	-	-	11600	-	-	-	18200	-
Lead	1000	65.4	-	-	-	31.3	-	-	-	-	47.8	-	-	-	-	64.8	-	-	-	102	-
Magnesium	NA	1300	-	-	-	1190	-	-	-	-	563	-	-	-	-	1030 J+	-	-	-	2700 J+	-
Manganese	10000	121	-	-	-	110	-	-	-	-	68.4	-	-	-	-	58 J	-	-	-	264 J	-
Mercury	1.1	0.067	-	-	-	0.027	-	-	-	-	0.033	-	-	-	-	ND (0.018)	-	-	-	0.035	-
Nickel	320	6.8	-	-	-	7.3	-	-	-	-	5.9	-	-	-	-	8.3	-	-	-	14.5	-
Potassium	NA	594	-	-	-	739	-	-	-	-	414	-	-	-	-	818 J+	-	-	-	1100 J+	-
Selenium	1700	0.74 J	-	-	-	0.32 J	-	-	-	-	0.27 J	-	-	-	-	0.23 J	-	-	-	0.39 J	-
Silver	1700	0.26 J	-	-	-	0.1 J	-	-	-	-	0.1 J	-	-	-	-	ND (0.45)	-	-	-	0.27 J	-
Sodium	NA	48.3 J	-	-	-	59.4 J	-	-	-	-	35.2 J	-	-	-	-	60.9 J	-	-	-	92.7 J	-
Thallium	NA	0.064 J	-	-	-	0.049 J	-	-	-	-	ND (0.39)	-	-	-	-	ND (0.45)	-	-	-	0.099 J	-
Vanadium	NA	15.7	-	-	-	17	-	-	-	-	11.1	-	-	-	-	15.2 J+	-	-	-	23.8 J+	-
Zinc	10000	51.3	-	-	-	34.9	-	-	-	-	22.7	-	-	-	-	65.4	-	-	-	73.4	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

-: Not Analyzed
bgs: below ground surface
ft: feet
J-: Value is estimated, low bias.
J: Value is estimated.
J+: Value is estimated, high bias.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

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

TABLE 1
SUMMARY OF SOIL QUALITY DATA - AST10X ISS OVERBURDEN GRIDS 37 THROUGH 44
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208988

	Criteria																				
Location Name	NY Part 375	ISS-41	ISS-41	ISS-41	ISS-42	ISS-42	ISS-42	ISS-42	ISS-43	ISS-43	ISS-43	ISS-43	ISS-43	ISS-44	ISS-44	ISS-44	ISS-44	ISS-45	ISS-45	ISS-45
Sample Name	Commercial Use	ISS-41_B	ISS-41_C	ISS-41_D	ISS-42_0-4	ISS-42_A	ISS-42_B	ISS-42_C	ISS-43_0-4	ISS-43_A	ISS-43_B	ISS-43_C	ISS-43_D	ISS-44_0-4	ISS-44_A	ISS-44_B	ISS-44_C	ISS-45_0-4	ISS-45_A	ISS-45_B
Sample Date	Soil Cleanup	05/21/2026	05/21/2026	05/21/2026	05/21/2026	05/21/2026	05/21/2026	05/21/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/21/2026	05/21/2026	05/21/2026
Lab Sample ID	Objectives	460-351592-6	460-351592-7	460-351592-8	460-351592-13	460-351592-10	460-351592-11	460-351592-12	460-351338-14	460-351338-10	460-351338-11	460-351338-12	460-351338-13	460-351338-18	460-351338-15	460-351338-16	460-351338-17	460-351592-18	460-351592-14	460-351592-15
Sample Depth (bgs)	2025	-	-	-	0 - 4 (ft)	-	-	-	0 - 4 (ft)	-	-	-	-	0 - 4 (ft)	-	-	-	0 - 4 (ft)	-	-
Volatile Organic Compounds (mg/kg)																				
1,1,1-Trichloroethane	500	ND (0.00084)	ND (0.00075)	ND (0.00076)	-	ND (0.00089)	ND (0.00092)	ND (0.36)	-	ND (0.16)	ND (0.0009)	ND (0.2)	ND (0.00079)	-	ND (0.095)	ND (0.11)	ND (0.19)	-	ND (0.00068)	ND (0.001)
1,1,2,2-Tetrachloroethane	NA	ND (0.00084)	ND (0.00075)	ND (0.00076)	-	ND (0.00089)	ND (0.00092)	ND (0.36)	-	ND (0.16)	ND (0.0009)	ND (0.2)	ND (0.00079)	-	ND (0.095)	ND (0.11)	ND (0.19)	-	ND (0.00068)	ND (0.001)
1,1,2-Trichloroethane	NA	ND (0.00084)	ND (0.00075)	ND (0.00076)	-	ND (0.00089)	ND (0.00092)	ND (0.36)	-	ND (0.16)	ND (0.0009)	ND (0.2)	ND (0.00079)	-	ND (0.095)	ND (0.11)	ND (0.19)	-	ND (0.00068)	ND (0.001)
1,1-Dichloroethane	240	ND (0.00084)	ND (0.00075)	ND (0.00076)	-	ND (0.00089)	ND (0.00092)	ND (0.36)	-	ND (0.16)	ND (0.0009)	ND (0.2)	ND (0.00079)	-	ND (0.095)	ND (0.11)	ND (0.19)	-	ND (0.00068)	ND (0.001)
1,1-Dichloroethene	5.1	ND (0.00084)	ND (0.00075)	ND (0.00076)	-	ND (0.00089)	ND (0.00092)	ND (0.36)	-	ND (0.16)	ND (0.0009)	ND (0.2)	ND (0.00079)	-	ND (0.095)	ND (0.11)	ND (0.19)	-	ND (0.00068)	ND (0.001)
1,2,3-Trichlorobenzene	NA	ND (0.00084)	ND (0.00075)	ND (0.00076)	-	ND (0.00089)	ND (0.00092)	ND (0.36)	-	ND (0.16)	ND (0.0009)	ND (0.2)	ND (0.00079)	-	ND (0.095)	ND (0.11)	ND (0.19)	-	ND (0.00068)	ND (0.001)
1,2,4-Trichlorobenzene	NA	ND (0.00084)	ND (0.00075)	ND (0.00076)	-	ND (0.00089)	ND (0.00092)	ND (0.36)	-	ND (0.16)	ND (0.0009)	ND (0.2)	ND (0.00079)	-	ND (0.095)	ND (0.11)	ND (0.19)	-	ND (0.00068)	ND (0.001)
1,2,4-Trimethylbenzene	500	ND (0.00084)	ND (0.00075)	0.00038 J	-	ND (0.00089)	ND (0.00092)	12	-	1.5	0.21	47	0.00075 J	-	0.49	6.9	28	-	ND (0.00068)	0.0069
1,2-Dibromo-3-chloropropane (DBCP)	NA	ND (0.00084)	ND (0.00075)	ND (0.00076)	-	ND (0.00089)	ND (0.00092)	ND (0.36)	-	ND (0.16)	ND (0.0009)	ND (0.2)	ND (0.00079)	-	ND (0.095)	ND (0.11)	ND (0.19)	-	ND (0.00068)	ND (0.001)
1,2-Dibromoethane (Ethylene Dibromide)	NA	ND (0.00084)	ND (0.00075)	ND (0.00076)	-	ND (0.00089)	ND (0.00092)	ND (0.36)	-	ND (0.16)	ND (0.0009)	ND (0.2)	ND (0.00079)	-	ND (0.095)	ND (0.11)	ND (0.19)	-	ND (0.00068)	ND (0.001)
1,2-Dichlorobenzene	500	ND (0.00084)	ND (0.00075)	ND (0.00076)	-	ND (0.00089)	ND (0.00092)	ND (0.36)	-	ND (0.16)	ND (0.0009)	ND (0.2)	ND (0.00079)	-	ND (0.095)	ND (0.11)	ND (0.19)	-	ND (0.00068)	ND (0.001)
1,2-Dichloroethane	30	ND (0.00084)	ND (0.00075)	ND (0.00076)	-	ND (0.00089)	ND (0.00092)	ND (0.36)	-	ND (0.16)	ND (0.0009)	ND (0.2)	ND (0.00079)	-	ND (0.095)	ND (0.11)	ND (0.19)	-	ND (0.00068)	ND (0.001)
1,2-Dichloropropane	NA	ND (0.00084)	ND (0.00075)	ND (0.00076)	-	ND (0.00089)	ND (0.00092)	ND (0.36)	-	ND (0.16)	ND (0.0009)	ND (0.2)	ND (0.00079)	-	ND (0.095)	ND (0.11)	ND (0.19)	-	ND (0.00068)	ND (0.001)
1,3,5-Trimethylbenzene	500	ND (0.00084)	ND (0.00075)	ND (0.00076)	-	ND (0.00089)	ND (0.00092)	2.4	-	0.75	0.11	1.5	0.0015	-	0.18	2.3	13	-	ND (0.00068)	0.0097
1,3-Dichlorobenzene	280	ND (0.00084)	ND (0.00075)	ND (0.00076)	-	ND (0.00089)	ND (0.00092)	ND (0.36)	-	ND (0.16)	ND (0.0009)	ND (0.2)	ND (0.00079)	-	ND (0.095)	ND (0.11)	ND (0.19)	-	ND (0.00068)	ND (0.001)
1,4-Dichlorobenzene	130	ND (0.00084)	ND (0.00075)	ND (0.00076)	-	ND (0.00089)	ND (0.00092)	ND (0.36)	-	ND (0.16)	ND (0.0009)	ND (0.2)	ND (0.00079)	-	ND (0.095)	ND (0.11)	ND (0.19)	-	ND (0.00068)	ND (0.001)
2-Butanone (Methyl Ethyl Ketone)	500	ND (0.0042)	0.0012 J	ND (0.0038)	-	ND (0.0045)	ND (0.0046)	ND (1.8)	-	ND (0.81)	0.0061	ND (1)	0.0034 J	-	ND (0.47)	ND (0.56)	ND (0.94)	-	ND (0.0034)	ND (0.0051)
2-Hexanone (Methyl Butyl Ketone)	NA	ND (0.0042)	ND (0.0038)	ND (0.0038)	-	ND (0.0045)	ND (0.0046)	ND (1.8)	-	ND (0.81)	ND (0.0045)	ND (1)	ND (0.0039)	-	ND (0.47)	ND (0.56)	ND (0.94)	-	ND (0.0034)	ND (0.0051)
2-Phenylbutane (sec-Butylbenzene)	500	ND (0.00084)	ND (0.00075)	ND (0.00076)	-	ND (0.00089)	ND (0.00092)	4.2	-	0.11 J	0.0046	3	0.0091	-	ND (0.095)	0.19	1.2	-	ND (0.00068)	0.0094
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	ND (0.0042)	ND (0.0038)	ND (0.0038)	-	ND (0.0045)	ND (0.0046)	ND (1.8)	-	ND (0.81)	ND (0.0045)	ND (1)	ND (0.0039)	-	ND (0.47)	ND (0.56)	ND (0.94)	-	ND (0.0034)	ND (0.0051)
Acetone	500	ND (0.005)	0.0054	ND (0.0045)	-	ND (0.0054)	ND (0.0055)	ND (1.8)	-	ND (0.81)	0.068	ND (1)	0.025	-	ND (0.47)	ND (0.56)	ND (0.94)	-	0.0067	0.043
Benzene	20	ND (0.00084)	ND (0.00075)	0.00075 J	-	ND (0.00089)	ND (0.00092)	ND (0.36)	-	ND (0.16)	0.00056 J	ND (0.2)	ND (0.00079)	-	ND (0.095)	0.04 J	0.13 J	-	ND (0.00068)	ND (0.001)
Bromodichloromethane	NA	ND (0.00084)	ND (0.00075)	ND (0.00076)	-	ND (0.00089)	ND (0.00092)	ND (0.36)	-	ND (0.16)	ND (0.0009)	ND (0.2)	ND (0.00079)	-	ND (0.095)	ND (0.11)	ND (0.19)	-	ND (0.00068)	ND (0.001)
Bromoform	NA	ND (0.00084) J	ND (0.00075) J	ND (0.00076) J	-	ND (0.00089) J	ND (0.00092) J	ND (0.36)	-	ND (0.16)	ND (0.0009)	ND (0.2)	ND (0.00079)	-	ND (0.095)	ND (0.11)	ND (0.19)	-	ND (0.00068) J	ND (0.001) J
Bromomethane (Methyl Bromide)	NA	ND (0.0017)	ND (0.0015)	ND (0.0015)	-	ND (0.0018)	ND (0.0018)	ND (0.36)	-	ND (0.16)	ND (0.0018)	ND (0.2)	ND (0.0016)	-	ND (0.095)	ND (0.11)	ND (0.19)	-	ND (0.0014)	ND (0.002)
Carbon disulfide	NA	ND (0.00084)	ND (0.00075)	ND (0.00076)	-	ND (0.00089)	ND (0.00092)	ND (0.36)	-	ND (0.16)	0.0028	ND (0.2)	0.001	-	ND (0.095)	ND (0.11)	ND (0.19)	-	ND (0.00068)	0.00076 J
Carbon tetrachloride	41	ND (0.00084)	ND (0.00075)	ND (0.00076) J	-	ND (0.00089) J	ND (0.00092) J	ND (0.36)	-	ND (0.16)	ND (0.0009)	ND (0.2)	ND (0.00079)	-	ND (0.095)	ND (0.11)	ND (0.19)	-	ND (0.00068)	ND (0.001)
Chlorobenzene	500	ND (0.00084)	ND (0.00075)	ND (0.00076)	-	ND (0.00089)	ND (0.00092)	ND (0.36)	-	ND (0.16)	ND (0.0009)	ND (0.2)	ND (0.00079)	-	ND (0.095)	ND (0.11)	ND (0.19)	-	ND (0.00068)	ND (0.001)
Chlorobromomethane	NA	ND (0.00084)	ND (0.00075)	ND (0.00076)	-	ND (0.00089)	ND (0.00092)	ND (0.36)	-	ND (0.16)	ND (0.0009)	ND (0.2)	ND (0.00079)	-	ND (0.095)	ND (0.11)	ND (0.19)	-	ND (0.00068)	ND (0.001)
Chloroethane	NA	ND (0.00084)	ND (0.00075)	ND (0.00076)	-	ND (0.00089)	ND (0.00092)	ND (0.36)	-	ND (0.16)	ND (0.0009)	ND (0.2)	ND (0.00079)	-	ND (0.095)	ND (0.11)	ND (0.19)	-	ND (0.00068)	ND (0.001)
Chloroform (Trichloromethane)	180	ND (0.00084)	ND (0.00075)	ND (0.00076)	-	ND (0.00089)	ND (0.00092)	ND (0.36)	-	ND (0.16)	ND (0.0009)	ND (0.2)	ND (0.00079)	-	ND (0.095)	ND (0.11)	ND (0.19)	-	ND (0.00068)	ND (0.001)
Chloromethane (Methyl Chloride)	NA	ND (0.00084)	ND (0.00075)	ND (0.00076)	-	ND (0.00089)	ND (0.00092)	ND (0.36)	-	ND (0.16)	ND (0.0009)	ND (0.2)	ND (0.00079)	-	ND (0.095)	ND (0.11)	ND (0.19)	-	ND (0.00068)	ND (0.001)
cis-1,2-Dichloroethene	500	ND (0.00084)	ND (0.00075)	ND (0.00076)	-	ND (0.00089)	ND (0.00092)	ND (0.36)	-	ND (0.16)	ND (0.0009)	ND (0.2)	ND (0.00079)	-	ND (0.095)	ND (0.11)	ND (0.19)	-	ND (0.00068)	ND (0.001)
cis-1,3-Dichloropropene	NA	ND (0.00084)	ND (0.00075)	ND (0.00076)	-	ND (0.00089)	ND (0.00092)	ND (0.36)	-	ND (0.16)	ND (0.0009)	ND (0.2)	ND (0.00079)	-	ND (0.095)	ND (0.11)	ND (0.19)	-	ND (0.00068)	ND (0.001)
Cyclohexane	NA	ND (0.00084)	ND (0.00075)	0.0046	-	ND (0.00089)	ND (0.00092)	4.9	-	ND (0.16)	ND (0.0009)	11	0.068	-	ND (0.095)	ND (0.11)	ND (0.19)	-	ND (0.00068)	0.054 J+
Dibromochloromethane	NA	ND (0.00084) J	ND (0.00075) J	ND (0.00076) J	-	ND (0.00089) J	ND (0.00092) J	ND (0.36)	-	ND (0.16)	ND (0.0009)	ND (0.2)	ND (0.00079)	-	ND (0.095)	ND (0.11)	ND (0.19)	-	ND (0.00068) J	ND (0.001) J
Dichlorodifluoromethane (CFC-12)	NA	ND (0.00084)	ND (0.00075)	ND (0.00076)	-	ND (0.00089)	ND (0.00092)	ND (0.36)	-	ND (0.16)	ND (0.0009)	ND (0.2)	ND (0.00079)	-	ND (0.095)	ND (0.11)	ND (0.19)	-	ND (0.00068)	ND (0.001)
Ethylbenzene	390	ND (0.00084)	ND (0.00075)	0.00045 J	-	ND (0.00089)	ND (0.00092)	1.7	-	0.11 J	0.032	9.7	0.0029	-	0.047 J	1.4	8.5	-	ND (0.00068)	0.0018 J+
Isopropylbenzene (Cumene)	NA	ND (0.00084)	ND (0.00075)	ND (0.00076)	-	ND (0.00089)	ND (0.00092)	6.3	-	0.078 J	0.0071	6	0.01	-	ND (0.095)	0.29	2.6	-	ND (0.00068)	0.0065
m,p-Xylenes	NA	ND (0.00084)	ND (0.00075)	0.0011	-	ND (0.00089)	ND (0.00092)	0.51	-	0.5	0.12	2.4	0.0016	-	0.19 J	5.3 J	21 J	-	ND (0.00068)	0.0047 J+
Methyl acetate	NA	ND (0.0042)	ND (0.0038)	ND (0.0038)	-	ND (0.0045)	ND (0.0046)	ND (1.8)	-	ND (0.81)	ND (0.0045)	ND (1)	ND (0.0039)	-	ND (0.47)	ND (0.56)	ND (0.94)	-	ND (0.0034)	ND (0.0051)
Methyl Tert Butyl Ether (MTBE)	500	ND (0.00084)	ND (0.00075)	ND (0.00076)	-	ND (0.00089)	ND (0.00092)	ND (0.36)	-	ND (0.16)	ND (0.0009)	ND (0.2)	ND (0.00079)	-	ND (0.095)	ND (0.11)	ND (0.19)	-	ND (0.00068)	ND (0.001)
Methylcyclohexane	NA	ND (0.00084)	ND (0.00075)	0.0035	-	ND (0.00089)	ND (0.00092)	99	-	0.83	0.027	91	0.51	-	0.84 J	0.57 J	7.3 J	-	0.00057 J	0.94
Methylene chloride (Dichloromethane)	500	ND (0.0017)	ND (0.0015)	ND (0.0015)	-	ND (0.0018)	ND (0.0018)	ND (0.36)	-	ND (0.16)	ND (0.0018)	ND (0.2)	ND (0.0016)	-	ND (0.095)	ND (0.11)	ND (0.19)	-	ND (0.0014)	ND (0.002)
n-Butylbenzene	500	ND (0.00084)	ND (0.00075)	ND (0.00076)	-	ND (0.00089)	ND (0.00092)	6.1	-	0.34	0.012	4.8	0.0086	-	0.059 J	0.59	3.4	-	ND (0.00068)	0.014
n-Propylbenzene	500	ND (0.00084)	ND (0.00075)	ND (0.00076)	-	ND (0.00089)	ND (0.00092)	7.1	-	0.3	0.029	8	0.0093	-	0.063 J	1.3	11	-	ND (0.00068)	0.0088
o-Xylene	NA	ND (0.00084)	ND (0.00075)	0.00047 J	-	ND (0.00089)	ND (0.00092)	ND (0.36)	-	0.32	0.052	0.4	0.0012	-	0.064 J	1.6	4	-	ND (0.00068)	0.0041 J+
Styrene	NA	ND (0.00084)	ND (0.00075)	ND (0.00076)	-	ND (0.00089)	ND (0.00092)	ND (0.36)	-	ND (0.16)	ND (0.0009)	ND (0.2)	ND (0.00079)	-	ND (0.095)	ND (0.11)	ND (0.19)	-	ND (0.00068)	ND (0.001)
tert-Butylbenzene	500	ND (0.00084)	ND (0.00075)	ND (0.00076)	-	ND (0.00089)	ND (0.00092)	1.1	-	ND (0.16)	ND (0.0009)	0.62	0.0042	-	ND (0.095)	ND (0.11)	ND (0.19)	-	ND (0.00068)	0.0025
Tetrachloroethene	81	ND (0.00084)	ND (0.00075)	ND (0.00076)	-	ND (0.00089)	ND (0.00092)	ND (0.36)	-	ND (0.16)	ND (0.0009)	ND (0.2)	ND (0.00079)	-	ND (0.095)	ND (0.11)	ND (0.19)	-	ND (0.00068)	ND (0.001)
Toluene	500	ND (0.00084)	ND (0.00075)	0.0007 J	-	ND (0.00089)	ND (0.00092)	ND (0.36)	-	0.098 J	0.0074	0.13 J	0.0017	-	ND (0.095)	0.44	1.7	-	ND (0.00068)	0.00092 J
trans-1,2-Dichloroethene	500	ND (0.00084)	ND (0.00075)	ND (0.00076)	-	ND (0.00089)	ND (0.00092)	ND (0.36)	-	ND (0.16)	ND (0.0009)	ND (0.2)	ND (0.00079)	-	ND (0.095)	ND (0.11)	ND (0.19)	-	ND (0.00068)	ND (0.001)
trans-1,3-Dichloropropene	NA	ND (0.00084)	ND (0.00075)	ND (0.00076)	-	ND (0.00089)	ND (0.00092)	ND (0.36)	-	ND (0.16)	ND (0.0009)	ND (0.2)	ND (0.00079)	-	ND (0.095)	ND (0.11)	ND (0.19)	-	ND (0.00068)	ND (0.001)
Trichloroethene	54	ND (0.00084)	ND (0.00075)	ND (0.00076)	-	ND (0.00089)	ND (0.00092)	ND (0.36)	-	ND (0.16)	ND (0.0009)	ND (0.2)	ND (0.00079)	-	ND (0.095)	ND (0.11)	ND (0.19)	-	ND (0.00068)	ND (0.001)
Trichlorofluoromethane (CFC-11)	NA	ND (0.00084)	ND (0.00075)	ND (0.00076)	-	ND (0.00089)	ND (0.00092)	ND (0.36)	-	ND (0.16)	ND (0.0009)	ND (0.2)	ND (0.00079)	-	ND (0.095)	ND (0.11)	ND (0.19)	-	ND (0.00068)	ND (0.001)
Trifluorotrichloroethane (Freon 113)	NA	ND (0.00084)	ND (0.00075)	ND (0.00076)	-	ND (0.00089)	ND (0.00092)	ND (0.36)	-	ND (0.16)	ND (0.0009)	ND (0.2)	ND (0.00079)	-	ND (0.095)	ND (0.11)	ND (0.19)	-	ND (0.00068)	ND (0.001)
Vinyl chloride	7.1	ND (0.00084)	ND (0.00075)	ND (0.00076)	-	ND (0.00089)	ND (0.00092)	ND (0.36)	-	ND (0.16)	ND (0.0009)	ND (0.2)	ND (0.00079)	-	ND (0.095)	ND (0.11)	ND (0.19)	-	ND (0.00068)	ND (0.001)
Xylene (Total)	500	ND (0.0017)	ND (0.0015)	0.0016	-	ND (0.0018)	ND (0.0018)	0.51 J	-	0.81	0.17	2.8	0.0028	-	0.26 J	6.9 J	24 J	-	ND (0.0014)	0.0089

TABLE 1
SUMMARY OF SOIL QUALITY DATA - AST10X ISS OVERBURDEN GRIDS 37 THROUGH 44
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208988

	Criteria																			
Location Name	NY Part 375	ISS-41	ISS-41	ISS-41	ISS-42	ISS-42	ISS-42	ISS-42	ISS-43	ISS-43	ISS-43	ISS-43	ISS-43	ISS-44	ISS-44	ISS-44	ISS-44	ISS-45	ISS-45	ISS-45
Sample Name	Commercial Use	ISS-41_B	ISS-41_C	ISS-41_D	ISS-42_0-4	ISS-42_A	ISS-42_B	ISS-42_C	ISS-43_0-4	ISS-43_A	ISS-43_B	ISS-43_C	ISS-43_D	ISS-44_0-4	ISS-44_A	ISS-44_B	ISS-44_C	ISS-45_0-4	ISS-45_A	ISS-45_B
Sample Date	Soil Cleanup	05/21/2026	05/21/2026	05/21/2026	05/21/2026	05/21/2026	05/21/2026	05/21/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/21/2026	05/21/2026	05/21/2026
Lab Sample ID	Objectives	460-351592-6	460-351592-7	460-351592-8	460-351592-13	460-351592-10	460-351592-11	460-351592-12	460-351338-14	460-351338-10	460-351338-11	460-351338-12	460-351338-13	460-351338-18	460-351338-15	460-351338-16	460-351338-17	460-351592-18	460-351592-14	460-351592-15
Sample Depth (bgs)	2025	-	-	-	0 - 4 (ft)	-	-	-	0 - 4 (ft)	-	-	-	-	0 - 4 (ft)	-	-	-	0 - 4 (ft)	-	-
Semi-Volatile Organic Compounds (mg/kg)																				
1,2,4,5-Tetrachlorobenzene	NA	-	-	-	ND (0.36)	-	-	-	ND (0.36)	-	-	-	-	ND (0.38)	-	-	-	ND (0.39)	-	-
1,4-Dioxane	36	-	-	-	ND (0.036)	-	-	-	ND (0.036)	-	-	-	-	ND (0.038)	-	-	-	ND (0.039)	-	-
2,2'-oxybis(1-Chloropropane)	NA	-	-	-	ND (0.36)	-	-	-	ND (0.36)	-	-	-	-	ND (0.38)	-	-	-	ND (0.39)	-	-
2,3,4,6-Tetrachlorophenol	NA	-	-	-	ND (0.36)	-	-	-	ND (0.36)	-	-	-	-	ND (0.38)	-	-	-	ND (0.39)	-	-
2,4,5-Trichlorophenol	NA	-	-	-	ND (0.36)	-	-	-	ND (0.36)	-	-	-	-	ND (0.38)	-	-	-	ND (0.39)	-	-
2,4,6-Trichlorophenol	NA	-	-	-	ND (0.15)	-	-	-	ND (0.15)	-	-	-	-	ND (0.16)	-	-	-	ND (0.16)	-	-
2,4-Dichlorophenol	NA	-	-	-	ND (0.15)	-	-	-	ND (0.15)	-	-	-	-	ND (0.16)	-	-	-	ND (0.16)	-	-
2,4-Dimethylphenol	NA	-	-	-	ND (0.36) J	-	-	-	ND (0.36)	-	-	-	-	ND (0.38)	-	-	-	ND (0.39)	-	-
2,4-Dinitrophenol	NA	-	-	-	ND (0.29)	-	-	-	ND (0.29)	-	-	-	-	ND (0.31)	-	-	-	ND (0.31)	-	-
2,4-Dinitrotoluene	NA	-	-	-	ND (0.073)	-	-	-	ND (0.073)	-	-	-	-	ND (0.078)	-	-	-	ND (0.079)	-	-
2,6-Dinitrotoluene	NA	-	-	-	ND (0.073)	-	-	-	ND (0.073)	-	-	-	-	ND (0.078)	-	-	-	ND (0.079)	-	-
2-Chloronaphthalene	NA	-	-	-	ND (0.36) J	-	-	-	ND (0.36)	-	-	-	-	ND (0.38)	-	-	-	ND (0.39)	-	-
2-Chlorophenol	NA	-	-	-	ND (0.36)	-	-	-	ND (0.36)	-	-	-	-	ND (0.38)	-	-	-	ND (0.39)	-	-
2-Methylnaphthalene	NA	-	-	-	0.04 J	-	-	-	0.018 J	-	-	-	-	0.028 J	-	-	-	0.019 J	-	-
2-Methylphenol (o-Cresol)	500	-	-	-	ND (0.22)	-	-	-	ND (0.22)	-	-	-	-	ND (0.23)	-	-	-	ND (0.23)	-	-
2-Nitroaniline	NA	-	-	-	ND (0.36)	-	-	-	ND (0.36)	-	-	-	-	ND (0.38)	-	-	-	ND (0.39)	-	-
2-Nitrophenol	NA	-	-	-	ND (0.36)	-	-	-	ND (0.36)	-	-	-	-	ND (0.38)	-	-	-	ND (0.39)	-	-
3&4-Methylphenol	NA	-	-	-	ND (0.22)	-	-	-	ND (0.22)	-	-	-	-	ND (0.23)	-	-	-	ND (0.23)	-	-
3,3'-Dichlorobenzidine	NA	-	-	-	ND (0.15)	-	-	-	ND (0.15)	-	-	-	-	ND (0.16)	-	-	-	ND (0.16)	-	-
3-Nitroaniline	NA	-	-	-	ND (0.36)	-	-	-	ND (0.36)	-	-	-	-	ND (0.38)	-	-	-	ND (0.39)	-	-
4,6-Dinitro-2-methylphenol	NA	-	-	-	ND (0.29)	-	-	-	ND (0.29)	-	-	-	-	ND (0.31)	-	-	-	ND (0.31)	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	-	-	-	ND (0.36)	-	-	-	ND (0.36)	-	-	-	-	ND (0.38)	-	-	-	ND (0.39)	-	-
4-Chloro-3-methylphenol	NA	-	-	-	ND (0.36)	-	-	-	ND (0.36)	-	-	-	-	ND (0.38)	-	-	-	ND (0.39)	-	-
4-Chloroaniline	NA	-	-	-	ND (0.36)	-	-	-	ND (0.36)	-	-	-	-	ND (0.38)	-	-	-	ND (0.39)	-	-
4-Chlorophenyl phenyl ether	NA	-	-	-	ND (0.36)	-	-	-	ND (0.36)	-	-	-	-	ND (0.38)	-	-	-	ND (0.39)	-	-
4-Methylphenol (p-Cresol)	500	-	-	-	ND (0.36)	-	-	-	ND (0.36)	-	-	-	-	ND (0.38)	-	-	-	ND (0.39)	-	-
4-Nitroaniline	NA	-	-	-	ND (0.36)	-	-	-	ND (0.36)	-	-	-	-	ND (0.38)	-	-	-	ND (0.39)	-	-
4-Nitrophenol	NA	-	-	-	ND (0.73)	-	-	-	ND (0.73)	-	-	-	-	ND (0.78)	-	-	-	ND (0.79)	-	-
Acenaphthene	500	-	-	-	ND (0.36) J	-	-	-	ND (0.36)	-	-	-	-	ND (0.38)	-	-	-	ND (0.39)	-	-
Acenaphthylene	500	-	-	-	ND (0.36) J	-	-	-	ND (0.36)	-	-	-	-	ND (0.38)	-	-	-	ND (0.39)	-	-
Acetophenone	NA	-	-	-	ND (0.36)	-	-	-	ND (0.36)	-	-	-	-	ND (0.38)	-	-	-	ND (0.39)	-	-
Anthracene	500	-	-	-	ND (0.36)	-	-	-	ND (0.36)	-	-	-	-	ND (0.38)	-	-	-	ND (0.39)	-	-
Atrazine	NA	-	-	-	ND (0.15)	-	-	-	ND (0.15)	-	-	-	-	ND (0.16)	-	-	-	ND (0.16)	-	-
Benzaldehyde	NA	-	-	-	ND (0.36)	-	-	-	ND (0.36)	-	-	-	-	ND (0.38)	-	-	-	ND (0.39)	-	-
Benzo(a)anthracene	37	-	-	-	ND (0.036)	-	-	-	ND (0.036)	-	-	-	-	ND (0.038)	-	-	-	ND (0.039)	-	-
Benzo(a)pyrene	3.7	-	-	-	ND (0.036)	-	-	-	ND (0.036)	-	-	-	-	ND (0.038)	-	-	-	ND (0.039)	-	-
Benzo(b)fluoranthene	37	-	-	-	ND (0.036)	-	-	-	ND (0.036)	-	-	-	-	ND (0.038)	-	-	-	ND (0.039)	-	-
Benzo(g,h,i)perylene	47	-	-	-	ND (0.36)	-	-	-	ND (0.36)	-	-	-	-	ND (0.38)	-	-	-	ND (0.39)	-	-
Benzo(k)fluoranthene	47	-	-	-	ND (0.036)	-	-	-	ND (0.036)	-	-	-	-	ND (0.038)	-	-	-	ND (0.039)	-	-
Biphenyl	NA	-	-	-	ND (0.36) J	-	-	-	ND (0.36)	-	-	-	-	ND (0.38)	-	-	-	ND (0.39)	-	-
bis(2-Chloroethoxy)methane	NA	-	-	-	ND (0.36)	-	-	-	ND (0.36)	-	-	-	-	ND (0.38)	-	-	-	ND (0.39)	-	-
bis(2-Chloroethyl)ether	NA	-	-	-	ND (0.036)	-	-	-	ND (0.036)	-	-	-	-	ND (0.038)	-	-	-	ND (0.039)	-	-
bis(2-Ethylhexyl)phthalate	NA	-	-	-	ND (0.36)	-	-	-	ND (0.36)	-	-	-	-	ND (0.38)	-	-	-	ND (0.39)	-	-
Butyl benzylphthalate (BBP)	NA	-	-	-	ND (0.36)	-	-	-	ND (0.36)	-	-	-	-	ND (0.38)	-	-	-	ND (0.39)	-	-
Caprolactam	NA	-	-	-	ND (0.36)	-	-	-	ND (0.36)	-	-	-	-	ND (0.38)	-	-	-	ND (0.39)	-	-
Carbazole	NA	-	-	-	ND (0.36)	-	-	-	ND (0.36)	-	-	-	-	ND (0.38)	-	-	-	ND (0.39)	-	-
Chrysene	47	-	-	-	ND (0.36)	-	-	-	ND (0.36)	-	-	-	-	ND (0.38)	-	-	-	ND (0.39)	-	-
Dibenz(a,h)anthracene	3.7	-	-	-	ND (0.036)	-	-	-	ND (0.036)	-	-	-	-	ND (0.038)	-	-	-	ND (0.039)	-	-
Dibenzofuran	180	-	-	-	ND (0.36)	-	-	-	ND (0.36)	-	-	-	-	ND (0.38)	-	-	-	ND (0.39)	-	-
Diethyl phthalate	NA	-	-	-	ND (0.36)	-	-	-	ND (0.36)	-	-	-	-	ND (0.38)	-	-	-	ND (0.39)	-	-
Dimethyl phthalate	NA	-	-	-	ND (0.36)	-	-	-	ND (0.36)	-	-	-	-	ND (0.38)	-	-	-	ND (0.39)	-	-
Di-n-butylphthalate (DBP)	NA	-	-	-	ND (0.36)	-	-	-	ND (0.36)	-	-	-	-	ND (0.38)	-	-	-	ND (0.39)	-	-
Di-n-octyl phthalate (DnOP)	NA	-	-	-	ND (0.36)	-	-	-	ND (0.36)	-	-	-	-	ND (0.38)	-	-	-	ND (0.39)	-	-
Fluoranthene	500	-	-	-	ND (0.36)	-	-	-	ND (0.36)	-	-	-	-	ND (0.38)	-	-	-	ND (0.39)	-	-
Fluorene	500	-	-	-	ND (0.36)	-	-	-	ND (0.36)	-	-	-	-	ND (0.38)	-	-	-	0.0091 J	-	-
Hexachlorobenzene	1.8	-	-	-	ND (0.036)	-	-	-	ND (0.036)	-	-	-	-	ND (0.038)	-	-	-	ND (0.039)	-	-
Hexachlorobutadiene	NA	-	-	-	ND (0.073)	-	-	-	ND (0.073)	-	-	-	-	ND (0.078)	-	-	-	ND (0.079)	-	-
Hexachlorocyclopentadiene	NA	-	-	-	ND (0.36)	-	-	-	ND (0.36)	-	-	-	-	ND (0.38)	-	-	-	ND (0.39)	-	-
Hexachloroethane	NA	-	-	-	ND (0.036)	-	-	-	ND (0.036)	-	-	-	-	ND (0.038)	-	-	-	ND (0.039)	-	-
Indeno(1,2,3-cd)pyrene	37	-	-	-	ND (0.036)	-	-	-	ND (0.036)	-	-	-	-	ND (0.038)	-	-	-	ND (0.039)	-	-
Isophorone	NA	-	-	-	ND (0.15)	-	-	-	ND (0.15)	-	-	-	-	ND (0.16)	-	-	-	ND (0.16)	-	-
Naphthalene	500	-	-	-	0.041 J	-	-	-	0.046 J	-	-	-	-	0.015 J	-	-	-	ND (0.39)	-	-
Nitrobenzene	8.9	-	-	-	ND (0.036)	-	-	-	ND (0.036)	-	-	-	-	ND (0.038)	-	-	-	ND (0.039)	-	-
N-Nitrosodi-n-propylamine	NA	-	-	-	ND (0.036)	-	-	-	ND (0.036)	-	-	-	-	ND (0.038)	-	-	-	ND (0.039)	-	-
N-Nitrosodiphenylamine	NA	-	-	-	ND (0.36)	-	-	-	ND (0.36)	-	-	-	-	ND (0.38)	-	-	-	ND (0.39)	-	-
Pentachlorophenol	6.9	-	-	-	ND (0.29)	-	-	-	ND (0.29)	-	-	-	-	ND (0.31)	-	-	-	ND (0.31)	-	-
Phenanthrene	47	-	-	-	0.015 J	-	-	-	ND (0.36)	-	-	-	-	ND (0.38)	-	-	-	0.026 J	-	-
Phenol	500	-	-	-	ND (0.22)	-	-	-	ND (0.22)	-	-	-	-	ND (0.23)	-	-	-	ND (0.23)	-	-
Pyrene	500	-	-	-	ND (0.36)	-	-	-	ND (0.36)	-	-	-	-	ND (0.38)	-	-	-	0.019 J	-	-

TABLE 1
SUMMARY OF SOIL QUALITY DATA - AST10X ISS OVERBURDEN GRIDS 37 THROUGH 44
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208988

	Criteria																			
Location Name	NY Part 375	ISS-41	ISS-41	ISS-41	ISS-42	ISS-42	ISS-42	ISS-42	ISS-43	ISS-43	ISS-43	ISS-43	ISS-43	ISS-44	ISS-44	ISS-44	ISS-44	ISS-45	ISS-45	ISS-45
Sample Name	Commercial Use	ISS-41_B	ISS-41_C	ISS-41_D	ISS-42_0-4	ISS-42_A	ISS-42_B	ISS-42_C	ISS-43_0-4	ISS-43_A	ISS-43_B	ISS-43_C	ISS-43_D	ISS-44_0-4	ISS-44_A	ISS-44_B	ISS-44_C	ISS-45_0-4	ISS-45_A	ISS-45_B
Sample Date	Soil Cleanup	05/21/2026	05/21/2026	05/21/2026	05/21/2026	05/21/2026	05/21/2026	05/21/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/21/2026	05/21/2026	05/21/2026
Lab Sample ID	Objectives	460-351592-6	460-351592-7	460-351592-8	460-351592-13	460-351592-10	460-351592-11	460-351592-12	460-351338-14	460-351338-10	460-351338-11	460-351338-12	460-351338-13	460-351338-18	460-351338-15	460-351338-16	460-351338-17	460-351592-18	460-351592-14	460-351592-15
Sample Depth (bgs)	2025	-	-	-	0 - 4 (ft)	-	-	-	0 - 4 (ft)	-	-	-	-	0 - 4 (ft)	-	-	-	0 - 4 (ft)	-	-
PFAS (mg/kg)																				
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	-	-	-	ND (0.0002)	-	-	-	ND (0.00019)	-	-	-	-	ND (0.00019)	-	-	-	ND (0.00019)	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	-	-	-	ND (0.00098)	-	-	-	ND (0.00097)	-	-	-	-	ND (0.00097)	-	-	-	ND (0.00097)	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	-	-	-	ND (0.00098)	-	-	-	ND (0.00097)	-	-	-	-	ND (0.00097)	-	-	-	ND (0.00097)	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	-	-	-	ND (0.00039)	-	-	-	ND (0.00039)	-	-	-	-	ND (0.00039)	-	-	-	ND (0.00039)	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	-	-	-	ND (0.0002)	-	-	-	ND (0.00019)	-	-	-	-	ND (0.00019)	-	-	-	ND (0.00019)	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	-	-	-	ND (0.00039) J	-	-	-	ND (0.00039)	-	-	-	-	ND (0.00039)	-	-	-	ND (0.00039)	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	-	-	-	ND (0.00039) J	-	-	-	ND (0.00039)	-	-	-	-	ND (0.00039)	-	-	-	ND (0.00039)	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	-	-	-	ND (0.00039) J	-	-	-	0.00024 J	-	-	-	-	ND (0.00039)	-	-	-	ND (0.00039)	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	-	-	-	ND (0.0002)	-	-	-	ND (0.00019)	-	-	-	-	ND (0.00019)	-	-	-	ND (0.00019)	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	-	-	-	ND (0.0002)	-	-	-	ND (0.00019) J	-	-	-	-	ND (0.00019)	-	-	-	ND (0.00019)	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	-	-	-	ND (0.0002)	-	-	-	ND (0.00019) J	-	-	-	-	ND (0.00019)	-	-	-	ND (0.00019)	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	-	-	-	ND (0.00098) J	-	-	-	ND (0.00097) J	-	-	-	-	ND (0.00097) J	-	-	-	ND (0.00097) J	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	-	-	-	ND (0.0002)	-	-	-	ND (0.00019)	-	-	-	-	ND (0.00019)	-	-	-	ND (0.00019)	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	-	-	-	ND (0.0002)	-	-	-	ND (0.00019)	-	-	-	-	ND (0.00019)	-	-	-	ND (0.00019)	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	-	-	-	ND (0.00098) J	-	-	-	ND (0.00097) J	-	-	-	-	ND (0.00097) J	-	-	-	ND (0.00097) J	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	-	-	-	ND (0.0002)	-	-	-	ND (0.00019)	-	-	-	-	ND (0.00019)	-	-	-	ND (0.00019)	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	-	-	-	ND (0.0002)	-	-	-	ND (0.00019)	-	-	-	-	ND (0.00019)	-	-	-	ND (0.00019)	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	-	-	-	ND (0.0002)	-	-	-	ND (0.00019)	-	-	-	-	ND (0.00019)	-	-	-	ND (0.00019)	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	-	-	-	ND (0.0002)	-	-	-	ND (0.00019)	-	-	-	-	ND (0.00019)	-	-	-	ND (0.00019)	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	-	-	-	ND (0.0002)	-	-	-	ND (0.00019)	-	-	-	-	ND (0.00019)	-	-	-	ND (0.00019)	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	-	-	-	ND (0.0002)	-	-	-	ND (0.00019)	-	-	-	-	ND (0.00019)	-	-	-	ND (0.00019)	-	-
Perfluorobutanoic acid (PFBA)	NA	-	-	-	ND (0.00039)	-	-	-	ND (0.00039)	-	-	-	-	ND (0.00039)	-	-	-	ND (0.00039)	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	-	-	-	ND (0.0002)	-	-	-	ND (0.00019)	-	-	-	-	ND (0.00019)	-	-	-	ND (0.00019)	-	-
Perfluorodecanoic acid (PFDA)	NA	-	-	-	0.000074 J	-	-	-	ND (0.00019)	-	-	-	-	0.000083 J	-	-	-	0.00011 J	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	-	-	-	ND (0.0002)	-	-	-	ND (0.00019)	-	-	-	-	ND (0.00019)	-	-	-	ND (0.00019)	-	-
Perfluorododecanoic acid (PFDoDA)	NA	-	-	-	ND (0.0002) J	-	-	-	ND (0.00019)	-	-	-	-	ND (0.00019)	-	-	-	ND (0.00019)	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	-	-	-	ND (0.0002)	-	-	-	ND (0.00019)	-	-	-	-	ND (0.00019)	-	-	-	ND (0.00019)	-	-
Perfluoroheptanoic acid (PFHpA)	NA	-	-	-	ND (0.0002)	-	-	-	ND (0.00019)	-	-	-	-	ND (0.00019)	-	-	-	ND (0.00019)	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	-	-	-	ND (0.0002)	-	-	-	ND (0.00019)	-	-	-	-	ND (0.00019)	-	-	-	ND (0.00019)	-	-
Perfluorohexanoic acid (PFHxA)	NA	-	-	-	ND (0.0002)	-	-	-	ND (0.00019)	-	-	-	-	ND (0.00019)	-	-	-	ND (0.00019)	-	-
Perfluorononane sulfonic acid (PFNS)	NA	-	-	-	ND (0.0002)	-	-	-	ND (0.00019)	-	-	-	-	ND (0.00019)	-	-	-	ND (0.00019)	-	-
Perfluorononanoic acid (PFNA)	NA	-	-	-	0.00024	-	-	-	0.0004	-	-	-	-	0.0003	-	-	-	0.00049	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	-	-	-	ND (0.0002)	-	-	-	ND (0.00019)	-	-	-	-	ND (0.00019)	-	-	-	ND (0.00019)	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	-	-	-	ND (0.0002)	-	-	-	ND (0.00019)	-	-	-	-	0.00016 J	-	-	-	ND (0.00019)	-	-
Perfluorooctanoic acid (PFOA)	0.5	-	-	-	ND (0.0002)	-	-	-	ND (0.00019)	-	-	-	-	ND (0.00019)	-	-	-	ND (0.00019)	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	-	-	-	ND (0.0002)	-	-	-	ND (0.00019)	-	-	-	-	ND (0.00019)	-	-	-	ND (0.00019)	-	-
Perfluoropentanoic acid (PFPeA)	NA	-	-	-	ND (0.0002)	-	-	-	ND (0.00019)	-	-	-	-	ND (0.00019)	-	-	-	ND (0.00019)	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	-	-	-	ND (0.0002) J	-	-	-	ND (0.00019) J	-	-	-	-	ND (0.00019) J	-	-	-	ND (0.00019)	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	-	-	-	ND (0.0002) J	-	-	-	0.00033 J	-	-	-	-	0.00035 J	-	-	-	ND (0.00019)	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	-	-	-	0.00114	-	-	-	0.00177	-	-	-	-	0.00334	-	-	-	0.00145	-	-
Pesticides (mg/kg)																				
4,4'-DDD	33	-	-	-	ND (0.0022)	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0023)	-	-	-	ND (0.0023)	-	-
4,4'-DDE	22	-	-	-	ND (0.0022)	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0023)	-	-	-	ND (0.0023)	-	-
4,4'-DDT	27	-	-	-	ND (0.0022)	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0023)	-	-	-	ND (0.0023)	-	-
Aldrin	0.33	-	-	-	ND (0.0022)	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0023)	-	-	-	ND (0.0023)	-	-
alpha-BHC	1.2	-	-	-	ND (0.0022)	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0023)	-	-	-	ND (0.0023)	-	-
alpha-Chlordane (cis)	8.2	-	-	-	ND (0.0022)	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0023)	-	-	-	ND (0.0023)	-	-
beta-BHC	1.8	-	-	-	ND (0.0022)	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0023)	-	-	-	ND (0.0023)	-	-
Chlordane	NA	-	-	-	ND (0.073)	-	-	-	ND (0.074)	-	-	-	-	ND (0.078)	-	-	-	ND (0.078)	-	-
delta-BHC	500	-	-	-	ND (0.0022)	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0023)	-	-	-	ND (0.0023)	-	-
Dieldrin	0.48	-	-	-	ND (0.0022)	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0023)	-	-	-	ND (0.0023)	-	-
Endosulfan I	360	-	-	-	ND (0.0022)	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0023)	-	-	-	ND (0.0023)	-	-
Endosulfan II	360	-	-	-	ND (0.0022)	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0023)	-	-	-	ND (0.0023)	-	-
Endosulfan sulfate	360	-	-	-	ND (0.0022)	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0023)	-	-	-	ND (0.0023)	-	-
Endrin	55	-	-	-	ND (0.0022)	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0023)	-	-	-	ND (0.0023)	-	-
Endrin aldehyde	NA	-	-	-	ND (0.0022)	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0023)	-	-	-	ND (0.0023)	-	-
Endrin ketone	NA	-	-	-	ND (0.0022)	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0023)	-	-	-	ND (0.0023)	-	-
gamma-BHC (Lindane)	0.21	-	-	-	ND (0.0022)	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0023)	-	-	-	ND (0.0023)	-	-
Heptachlor	5.1	-	-	-	ND (0.0022)	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0023)	-	-	-	ND (0.0023)	-	-
Heptachlor epoxide	NA	-	-	-	ND (0.0022)	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0023)	-	-	-	ND (0.0023)	-	-
Methoxychlor	NA	-	-	-	ND (0.0022)	-	-	-	ND (0.0022)	-	-	-	-	ND (0.0023)	-	-	-	ND (0.0023)	-	-
Toxaphene	NA	-	-	-	ND (0.073)	-	-	-	ND (0.074)	-	-	-	-	ND (0.078)	-	-	-	ND (0.078)	-	-

TABLE 1
SUMMARY OF SOIL QUALITY DATA - AST10X ISS OVERBURDEN GRIDS 37 THROUGH 44
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208988

	Criteria																			
Location Name	NY Part 375	ISS-41	ISS-41	ISS-41	ISS-42	ISS-42	ISS-42	ISS-42	ISS-43	ISS-43	ISS-43	ISS-43	ISS-43	ISS-44	ISS-44	ISS-44	ISS-44	ISS-45	ISS-45	ISS-45
Sample Name	Commercial Use	ISS-41_B	ISS-41_C	ISS-41_D	ISS-42_0-4	ISS-42_A	ISS-42_B	ISS-42_C	ISS-43_0-4	ISS-43_A	ISS-43_B	ISS-43_C	ISS-43_D	ISS-44_0-4	ISS-44_A	ISS-44_B	ISS-44_C	ISS-45_0-4	ISS-45_A	ISS-45_B
Sample Date	Soil Cleanup	05/21/2026	05/21/2026	05/21/2026	05/21/2026	05/21/2026	05/21/2026	05/21/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/19/2026	05/21/2026	05/21/2026	05/21/2026
Lab Sample ID	Objectives	460-351592-6	460-351592-7	460-351592-8	460-351592-13	460-351592-10	460-351592-11	460-351592-12	460-351338-14	460-351338-10	460-351338-11	460-351338-12	460-351338-13	460-351338-18	460-351338-15	460-351338-16	460-351338-17	460-351592-18	460-351592-14	460-351592-15
Sample Depth (bgs)	2025	-	-	-	0 - 4 (ft)	-	-	-	0 - 4 (ft)	-	-	-	-	0 - 4 (ft)	-	-	-	0 - 4 (ft)	-	-
Polychlorinated Biphenyls (mg/kg)																				
Aroclor-1016 (PCB-1016)	NA	-	-	-	ND (0.073)	-	-	-	ND (0.074)	-	-	-	-	ND (0.078)	-	-	-	ND (0.078)	-	-
Aroclor-1221 (PCB-1221)	NA	-	-	-	ND (0.073)	-	-	-	ND (0.074)	-	-	-	-	ND (0.078)	-	-	-	ND (0.078)	-	-
Aroclor-1232 (PCB-1232)	NA	-	-	-	ND (0.073)	-	-	-	ND (0.074)	-	-	-	-	ND (0.078)	-	-	-	ND (0.078)	-	-
Aroclor-1242 (PCB-1242)	NA	-	-	-	ND (0.073)	-	-	-	ND (0.074)	-	-	-	-	ND (0.078)	-	-	-	ND (0.078)	-	-
Aroclor-1248 (PCB-1248)	NA	-	-	-	ND (0.073)	-	-	-	ND (0.074)	-	-	-	-	ND (0.078)	-	-	-	ND (0.078)	-	-
Aroclor-1254 (PCB-1254)	NA	-	-	-	ND (0.073)	-	-	-	ND (0.074)	-	-	-	-	ND (0.078)	-	-	-	ND (0.078)	-	-
Aroclor-1260 (PCB-1260)	NA	-	-	-	ND (0.073)	-	-	-	ND (0.074)	-	-	-	-	ND (0.078)	-	-	-	ND (0.078)	-	-
Aroclor-1262 (PCB-1262)	NA	-	-	-	ND (0.073)	-	-	-	ND (0.074)	-	-	-	-	ND (0.078)	-	-	-	ND (0.078)	-	-
Aroclor-1268 (PCB-1268)	NA	-	-	-	ND (0.073)	-	-	-	ND (0.074)	-	-	-	-	ND (0.078)	-	-	-	ND (0.078)	-	-
Total PCBs	1	-	-	-	ND (0.073)	-	-	-	ND (0.074)	-	-	-	-	ND (0.078)	-	-	-	ND (0.078)	-	-
Inorganic Compounds (mg/kg)																				
Aluminum	NA	-	-	-	3480	-	-	-	6110	-	-	-	-	10600	-	-	-	4640	-	-
Antimony	NA	-	-	-	0.28 J-	-	-	-	0.28 J	-	-	-	-	0.16 J	-	-	-	0.21 J-	-	-
Arsenic	16	-	-	-	4.5	-	-	-	4.8	-	-	-	-	3.8	-	-	-	4.1	-	-
Barium	410	-	-	-	21.7 J	-	-	-	33.2	-	-	-	-	45.6	-	-	-	26.2 J	-	-
Beryllium	670	-	-	-	0.31 J	-	-	-	0.39 J	-	-	-	-	0.44	-	-	-	0.34 J	-	-
Cadmium	3.7	-	-	-	ND (0.51)	-	-	-	0.13 J	-	-	-	-	0.25 J	-	-	-	0.13 J	-	-
Calcium	NA	-	-	-	470 J	-	-	-	3480	-	-	-	-	9830	-	-	-	3240 J	-	-
Chromium	NA	-	-	-	7.6	-	-	-	11.2	-	-	-	-	16.3	-	-	-	13.1	-	-
Cobalt	NA	-	-	-	2.9	-	-	-	6	-	-	-	-	7.7	-	-	-	4.2	-	-
Copper	280	-	-	-	19.2	-	-	-	22.7	-	-	-	-	21.9	-	-	-	15.3	-	-
Iron	NA	-	-	-	10700	-	-	-	14600	-	-	-	-	17300	-	-	-	12200	-	-
Lead	1000	-	-	-	16.1	-	-	-	38.4	-	-	-	-	23.9	-	-	-	32.4	-	-
Magnesium	NA	-	-	-	792 J+	-	-	-	1440	-	-	-	-	2830	-	-	-	1330 J+	-	-
Manganese	10000	-	-	-	87.4 J	-	-	-	135	-	-	-	-	228	-	-	-	114 J	-	-
Mercury	1.1	-	-	-	0.019	-	-	-	0.027	-	-	-	-	0.02	-	-	-	0.012 J	-	-
Nickel	320	-	-	-	5.3	-	-	-	8.4	-	-	-	-	11.1	-	-	-	7.4	-	-
Potassium	NA	-	-	-	512 J+	-	-	-	840	-	-	-	-	1270	-	-	-	733 J+	-	-
Selenium	1700	-	-	-	0.17 J	-	-	-	0.32 J	-	-	-	-	0.4 J	-	-	-	0.21 J	-	-
Silver	1700	-	-	-	ND (0.41)	-	-	-	0.092 J	-	-	-	-	ND (0.42)	-	-	-	ND (0.42)	-	-
Sodium	NA	-	-	-	41.4 J	-	-	-	66.6 J	-	-	-	-	114	-	-	-	62.3 J	-	-
Thallium	NA	-	-	-	ND (0.41)	-	-	-	0.054 J	-	-	-	-	0.097 J	-	-	-	ND (0.42)	-	-
Vanadium	NA	-	-	-	12.6 J+	-	-	-	17.6	-	-	-	-	22.5	-	-	-	14.8 J+	-	-
Zinc	10000	-	-	-	22.2	-	-	-	38.8	-	-	-	-	57.1	-	-	-	40.2	-	-

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

-: Not Analyzed
bgs: below ground surface
ft: feet
J-: Value is estimated, low bias.
J: Value is estimated.
J+: Value is estimated, high bias.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

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

TABLE 1
SUMMARY OF SOIL QUALITY DATA - AST10X ISS OVERBURDEN GRIDS 37 THROUGH 44
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208988

	Criteria		
Location Name	NY Part 375	ISS-45	ISS-45
Sample Name	Commercial Use	ISS-45_C	ISS-45_D
Sample Date	Soil Cleanup	05/21/2026	05/21/2026
Lab Sample ID	Objectives	460-351592-16	460-351592-17
Sample Depth (bgs)	2025	-	-
Volatile Organic Compounds (mg/kg)			
1,1,1-Trichloroethane	500	ND (0.001)	ND (0.001)
1,1,2,2-Tetrachloroethane	NA	ND (0.001)	ND (0.001)
1,1,2-Trichloroethane	NA	ND (0.001)	ND (0.001)
1,1-Dichloroethane	240	ND (0.001)	ND (0.001)
1,1-Dichloroethene	5.1	ND (0.001)	ND (0.001)
1,2,3-Trichlorobenzene	NA	ND (0.001)	ND (0.001)
1,2,4-Trichlorobenzene	NA	ND (0.001)	ND (0.001)
1,2,4-Trimethylbenzene	500	0.00052 J	0.032
1,2-Dibromo-3-chloropropane (DBCP)	NA	ND (0.001)	ND (0.001)
1,2-Dibromoethane (Ethylene Dibromide)	NA	ND (0.001)	ND (0.001)
1,2-Dichlorobenzene	500	ND (0.001)	ND (0.001)
1,2-Dichloroethane	30	ND (0.001)	ND (0.001)
1,2-Dichloropropane	NA	ND (0.001)	ND (0.001)
1,3,5-Trimethylbenzene	500	ND (0.001)	0.02
1,3-Dichlorobenzene	280	ND (0.001)	ND (0.001)
1,4-Dichlorobenzene	130	ND (0.001)	ND (0.001)
2-Butanone (Methyl Ethyl Ketone)	500	ND (0.0052)	0.0035 J
2-Hexanone (Methyl Butyl Ketone)	NA	ND (0.0052)	ND (0.0051)
2-Phenylbutane (sec-Butylbenzene)	500	ND (0.001)	0.00064 J
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	ND (0.0052)	ND (0.0051)
Acetone	500	0.0077	0.02
Benzene	20	ND (0.001)	ND (0.001)
Bromodichloromethane	NA	ND (0.001)	ND (0.001)
Bromoform	NA	ND (0.001) J	ND (0.001) J
Bromomethane (Methyl Bromide)	NA	ND (0.0021)	ND (0.002)
Carbon disulfide	NA	0.0024	0.0027
Carbon tetrachloride	41	ND (0.001) J	ND (0.001) J
Chlorobenzene	500	ND (0.001)	ND (0.001)
Chlorobromomethane	NA	ND (0.001)	ND (0.001)
Chloroethane	NA	ND (0.001)	ND (0.001)
Chloroform (Trichloromethane)	180	ND (0.001)	ND (0.001)
Chloromethane (Methyl Chloride)	NA	ND (0.001)	ND (0.001)
cis-1,2-Dichloroethene	500	ND (0.001)	ND (0.001)
cis-1,3-Dichloropropene	NA	ND (0.001)	ND (0.001)
Cyclohexane	NA	ND (0.001)	ND (0.001)
Dibromochloromethane	NA	ND (0.001) J	ND (0.001) J
Dichlorodifluoromethane (CFC-12)	NA	ND (0.001)	ND (0.001)
Ethylbenzene	390	ND (0.001)	0.0014
Isopropylbenzene (Cumene)	NA	ND (0.001)	ND (0.001)
m,p-Xylenes	NA	0.0007 J	0.007
Methyl acetate	NA	ND (0.0052)	ND (0.0051)
Methyl Tert Butyl Ether (MTBE)	500	ND (0.001)	ND (0.001)
Methylcyclohexane	NA	0.0017	0.0013
Methylene chloride (Dichloromethane)	500	ND (0.0021)	ND (0.002)
n-Butylbenzene	500	ND (0.001)	0.003
n-Propylbenzene	500	ND (0.001)	0.0013
o-Xylene	NA	ND (0.001)	0.0058
Styrene	NA	ND (0.001)	ND (0.001)
tert-Butylbenzene	500	ND (0.001)	ND (0.001)
Tetrachloroethene	81	ND (0.001)	ND (0.001)
Toluene	500	ND (0.001)	0.00096 J
trans-1,2-Dichloroethene	500	ND (0.001)	ND (0.001)
trans-1,3-Dichloropropene	NA	ND (0.001)	ND (0.001)
Trichloroethene	54	ND (0.001)	ND (0.001)
Trichlorofluoromethane (CFC-11)	NA	ND (0.001)	ND (0.001)
Trifluorotrichloroethane (Freon 113)	NA	ND (0.001)	ND (0.001)
Vinyl chloride	7.1	ND (0.001)	ND (0.001)
Xylene (Total)	500	0.0007 J	0.013

TABLE 1
SUMMARY OF SOIL QUALITY DATA - AST10X ISS OVERBURDEN GRIDS 37 THROUGH 44
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208988

	Criteria		
Location Name	NY Part 375	ISS-45	ISS-45
Sample Name	Commercial Use	ISS-45_C	ISS-45_D
Sample Date	Soil Cleanup	05/21/2026	05/21/2026
Lab Sample ID	Objectives	460-351592-16	460-351592-17
Sample Depth (bgs)	2025	-	-
Semi-Volatile Organic Compounds (mg/kg)			
1,2,4,5-Tetrachlorobenzene	NA	-	-
1,4-Dioxane	36	-	-
2,2'-oxybis(1-Chloropropane)	NA	-	-
2,3,4,6-Tetrachlorophenol	NA	-	-
2,4,5-Trichlorophenol	NA	-	-
2,4,6-Trichlorophenol	NA	-	-
2,4-Dichlorophenol	NA	-	-
2,4-Dimethylphenol	NA	-	-
2,4-Dinitrophenol	NA	-	-
2,4-Dinitrotoluene	NA	-	-
2,6-Dinitrotoluene	NA	-	-
2-Chloronaphthalene	NA	-	-
2-Chlorophenol	NA	-	-
2-Methylnaphthalene	NA	-	-
2-Methylphenol (o-Cresol)	500	-	-
2-Nitroaniline	NA	-	-
2-Nitrophenol	NA	-	-
3&4-Methylphenol	NA	-	-
3,3'-Dichlorobenzidine	NA	-	-
3-Nitroaniline	NA	-	-
4,6-Dinitro-2-methylphenol	NA	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	-	-
4-Chloro-3-methylphenol	NA	-	-
4-Chloroaniline	NA	-	-
4-Chlorophenyl phenyl ether	NA	-	-
4-Methylphenol (p-Cresol)	500	-	-
4-Nitroaniline	NA	-	-
4-Nitrophenol	NA	-	-
Acenaphthene	500	-	-
Acenaphthylene	500	-	-
Acetophenone	NA	-	-
Anthracene	500	-	-
Atrazine	NA	-	-
Benzaldehyde	NA	-	-
Benzo(a)anthracene	37	-	-
Benzo(a)pyrene	3.7	-	-
Benzo(b)fluoranthene	37	-	-
Benzo(g,h,i)perylene	47	-	-
Benzo(k)fluoranthene	47	-	-
Biphenyl	NA	-	-
bis(2-Chloroethoxy)methane	NA	-	-
bis(2-Chloroethyl)ether	NA	-	-
bis(2-Ethylhexyl)phthalate	NA	-	-
Butyl benzylphthalate (BBP)	NA	-	-
Caprolactam	NA	-	-
Carbazole	NA	-	-
Chrysene	47	-	-
Dibenz(a,h)anthracene	3.7	-	-
Dibenzofuran	180	-	-
Diethyl phthalate	NA	-	-
Dimethyl phthalate	NA	-	-
Di-n-butylphthalate (DBP)	NA	-	-
Di-n-octyl phthalate (DnOP)	NA	-	-
Fluoranthene	500	-	-
Fluorene	500	-	-
Hexachlorobenzene	1.8	-	-
Hexachlorobutadiene	NA	-	-
Hexachlorocyclopentadiene	NA	-	-
Hexachloroethane	NA	-	-
Indeno(1,2,3-cd)pyrene	37	-	-
Isophorone	NA	-	-
Naphthalene	500	-	-
Nitrobenzene	8.9	-	-
N-Nitrosodi-n-propylamine	NA	-	-
N-Nitrosodiphenylamine	NA	-	-
Pentachlorophenol	6.9	-	-
Phenanthrene	47	-	-
Phenol	500	-	-
Pyrene	500	-	-

TABLE 1
SUMMARY OF SOIL QUALITY DATA - AST10X ISS OVERBURDEN GRIDS 37 THROUGH 44
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208988

	Criteria		
Location Name	NY Part 375	ISS-45	ISS-45
Sample Name	Commercial Use	ISS-45_C	ISS-45_D
Sample Date	Soil Cleanup	05/21/2026	05/21/2026
Lab Sample ID	Objectives	460-351592-16	460-351592-17
Sample Depth (bgs)	2025	-	-
PFAS (mg/kg)			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	-	-
Perfluorobutanoic acid (PFBA)	NA	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	-	-
Perfluorodecanoic acid (PFDA)	NA	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	-	-
Perfluorododecanoic acid (PFDoDA)	NA	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	-	-
Perfluoroheptanoic acid (PFHpA)	NA	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	-	-
Perfluorohexanoic acid (PFHxA)	NA	-	-
Perfluorononane sulfonic acid (PFNS)	NA	-	-
Perfluorononanoic acid (PFNA)	NA	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	-	-
Perfluorooctanesulfonic acid (PFOS)	0.44	-	-
Perfluorooctanoic acid (PFOA)	0.5	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	-	-
Perfluoropentanoic acid (PFPeA)	NA	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	-	-
Pesticides (mg/kg)			
4,4'-DDD	33	-	-
4,4'-DDE	22	-	-
4,4'-DDT	27	-	-
Aldrin	0.33	-	-
alpha-BHC	1.2	-	-
alpha-Chlordane (cis)	8.2	-	-
beta-BHC	1.8	-	-
Chlordane	NA	-	-
delta-BHC	500	-	-
Dieldrin	0.48	-	-
Endosulfan I	360	-	-
Endosulfan II	360	-	-
Endosulfan sulfate	360	-	-
Endrin	55	-	-
Endrin aldehyde	NA	-	-
Endrin ketone	NA	-	-
gamma-BHC (Lindane)	0.21	-	-
Heptachlor	5.1	-	-
Heptachlor epoxide	NA	-	-
Methoxychlor	NA	-	-
Toxaphene	NA	-	-

TABLE 1
SUMMARY OF SOIL QUALITY DATA - AST10X ISS OVERBURDEN GRIDS 37 THROUGH 44
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK
FILE NO. 0208988

	Criteria		
Location Name	NY Part 375	ISS-45	ISS-45
Sample Name	Commercial Use	ISS-45_C	ISS-45_D
Sample Date	Soil Cleanup	05/21/2026	05/21/2026
Lab Sample ID	Objectives	460-351592-16	460-351592-17
Sample Depth (bgs)	2025	-	-
Polychlorinated Biphenyls (mg/kg)			
Aroclor-1016 (PCB-1016)	NA	-	-
Aroclor-1221 (PCB-1221)	NA	-	-
Aroclor-1232 (PCB-1232)	NA	-	-
Aroclor-1242 (PCB-1242)	NA	-	-
Aroclor-1248 (PCB-1248)	NA	-	-
Aroclor-1254 (PCB-1254)	NA	-	-
Aroclor-1260 (PCB-1260)	NA	-	-
Aroclor-1262 (PCB-1262)	NA	-	-
Aroclor-1268 (PCB-1268)	NA	-	-
Total PCBs	1	-	-
Inorganic Compounds (mg/kg)			
Aluminum	NA	-	-
Antimony	NA	-	-
Arsenic	16	-	-
Barium	410	-	-
Beryllium	670	-	-
Cadmium	3.7	-	-
Calcium	NA	-	-
Chromium	NA	-	-
Cobalt	NA	-	-
Copper	280	-	-
Iron	NA	-	-
Lead	1000	-	-
Magnesium	NA	-	-
Manganese	10000	-	-
Mercury	1.1	-	-
Nickel	320	-	-
Potassium	NA	-	-
Selenium	1700	-	-
Silver	1700	-	-
Sodium	NA	-	-
Thallium	NA	-	-
Vanadium	NA	-	-
Zinc	10000	-	-

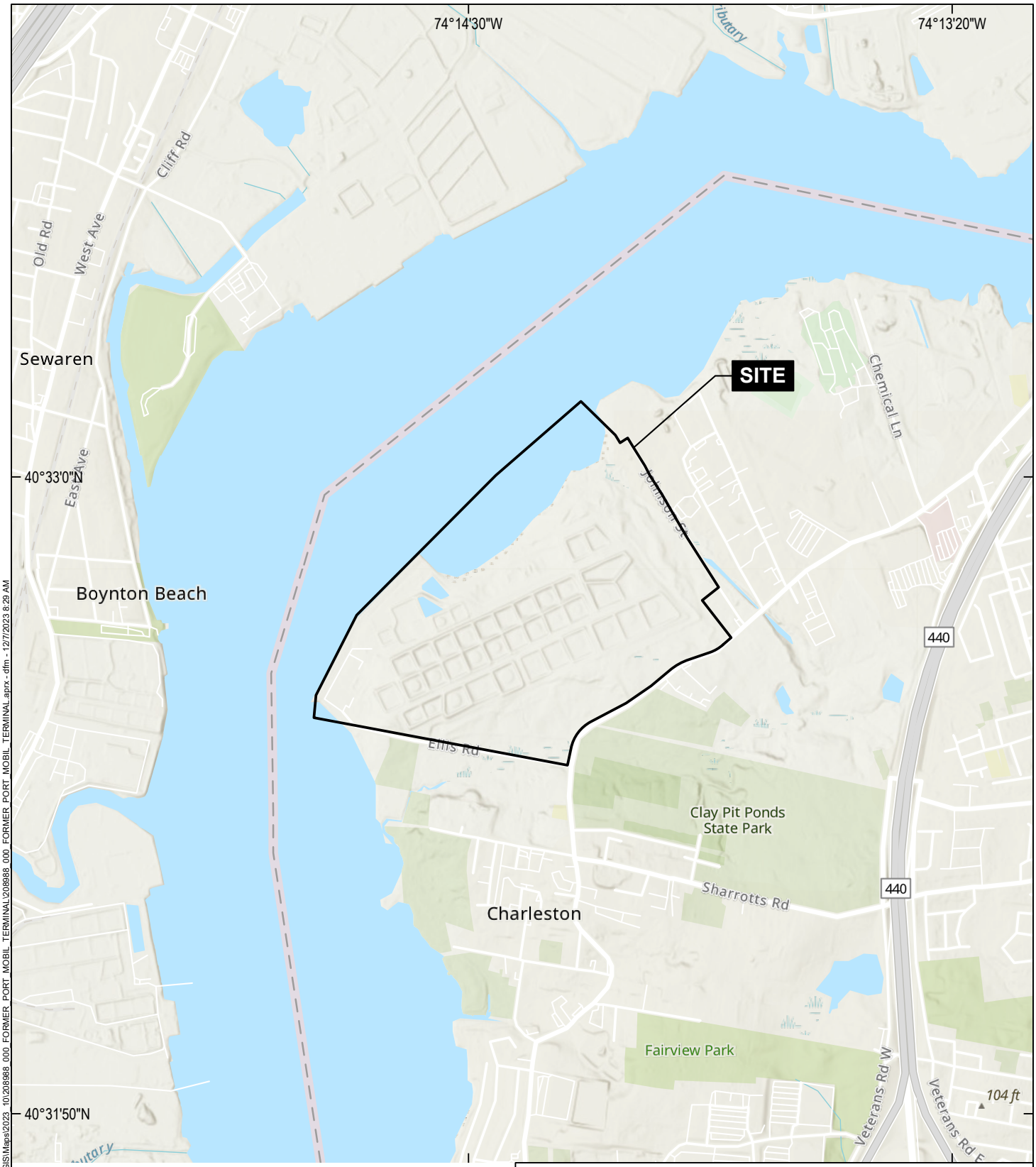
ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

-: Not Analyzed
bgs: below ground surface
ft: feet
J-: Value is estimated, low bias.
J: Value is estimated.
J+: Value is estimated, high bias.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

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

FIGURES







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

HALEY ALDRICH

FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEWYORK

PROJECT LOCUS

APPROXIMATE SCALE: 1 IN = 2000 FT
JUNE 2026

FIGURE 1

GIS: \\haleyaldrich.com\share\CF\Projects\0208988\GIS Maps\2023_10\208988_000_FORMER_PORT_MOBIL_TERMINAL\208988_000_FORMER_PORT_MOBIL_TERMINAL_aprx - dfm - 12/7/2023 8:29 AM

ARTHUR KILL

OIL/WATER SEPARATOR

DRAVO BUILDING

MARINE WAREHOUSE AND OFFICE

OFFICE AND GARAGE

24/24A

23 21 20 22 19 40 42 41 43 60 53 54

2 4 6 8 10 12 14 16 18 1 3 5 7 9 11 13 15 17 48 58 59

61 62 44 45 49 50 51 52 55 56 57

LEGEND

- CONTAINMENT BERM
- STRUCTURES
- SURFACE IMPOUNDMENT
- OU-2 WETLAND AREA
- OU-2 AREA
- OU-2 TIDAL FLAT AREA
- PROJECT SITE BOUNDARY

NOTES
1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. ALL AREAS WITHIN THE SITE BOUNDARY, EXCLUDING THE OU-2 WETLAND AND TIDAL FLAT AREAS, ARE CONSIDERED PART OF OU-1.
3. WETLAND BOUNDARY INCLUDES THE 100-FT WETLAND BUFFER AND TIDAL FLAT AREA BOUNDARY INCLUDES THE 150-FT TIDAL BUFFER.
4. # = TANK NUMBERS REPRESENT FORMER TANK LOCATIONS.
5. AERIAL IMAGERY SOURCE: NEARMAP, OCTOBER 4, 2025

0 450 900
SCALE IN FEET

HALEY ALDRICH

FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEWYORK

SITE PLAN

JUNE 2026

FIGURE 2

GIS FILE PATH: \\haleyaldrich.com\share\CF\Projects\0208988\GIS\Maps\2026_0120898_SOIL_GW_EXCEED_ILUSCO_POWSCO_SiteCOC.aprx - USER: pdilillo - LAST SAVED: 1/26/2026 11:08 AM



LEGEND

- CONTAINMENT BERM
- AST-10X IN-SITU SOLIDIFICATION (ISS) CELL LAYOUT AREA
- APPROXIMATE EXTENT OF LNAPL
- COMPLETED AST-12 ISS TREATMENT AREA
- ISS-37 REUSE SAMPLING GRID LOCATION
- A SAMPLE LOCATION/COMPOSITE POINT

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. AERIAL IMAGERY SOURCE: NEARMAP, APRIL 9, 2025

N

0 40 80
SCALE IN FEET

HALEY ALDRICH

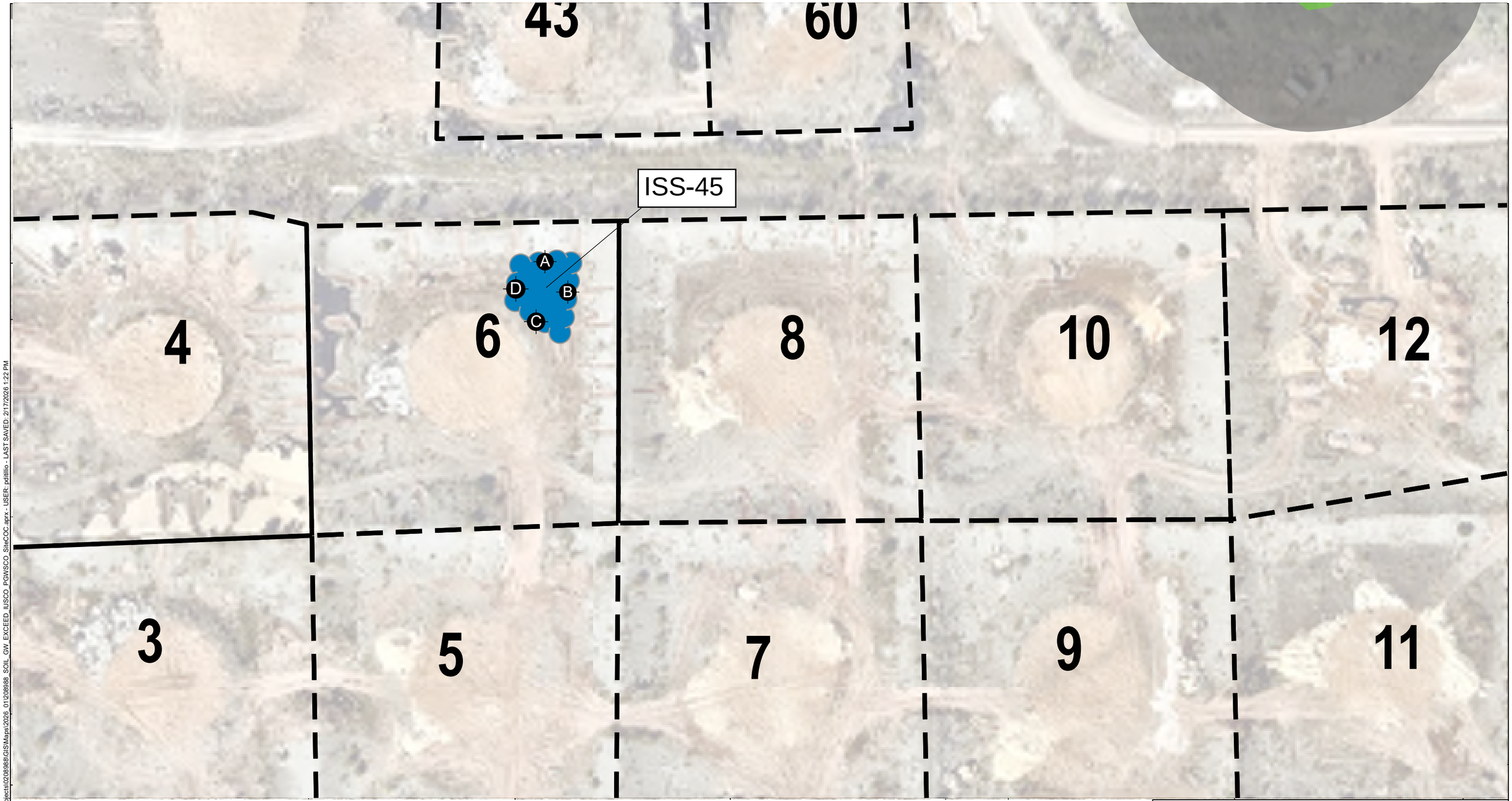
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEWYORK

AST10X ISS OVERBURDEN SOIL REUSE SAMPLE LOCATION MAP - GRIDS 37 THROUGH 43

JUNE 2026

FIGURE 3

GIS FILE PATH: \\haleyaldrich.com\share\CF\Projects\0208988\GIS\Maps\2026_05\208988_AST_ISS_AREAS.aprx - USER: pdilillo - LAST SAVED: 5/14/2026 4:18 PM



LEGEND

- STRUCTURES
- CONTAINMENT BERM
- ISS-37 REUSE SAMPLING GRID LOCATION
- A SAMPLE LOCATION/COMPOSITE POINT
- STOCKPILE

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. ALL AREAS WITHIN THE SITE BOUNDARY, EXCLUDING THE OU-2 WETLAND AND TIDAL FLAT AREAS, ARE CONSIDERED PART OF OU-1.
3. WETLAND BOUNDARY INCLUDES THE 100-FT WETLAND BUFFER AND TIDAL FLAT AREA BOUNDARY INCLUDES THE 150-FT TIDAL BUFFER.
4. # = TANK NUMBERS REPRESENT FORMER TANK LOCATIONS.
5. AERIAL IMAGERY SOURCE: NEARMAP, OCTOBER 4, 2025

N

0 75 150

SCALE IN FEET

HALEY ALDRICH

FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEWYORK

AST10X ISS OVERBURDEN SOIL REUSE SAMPLE LOCATION MAP – GRID 45

JUNE 2026

FIGURE 4

GIS FILE PATH: \\haleyaldrich.com\share\CF\Projects\0208988\GIS\Maps\2026_01\208988_SOIL_GW_EXCEED_IUSCO_PGWSCO_SiteCOC.aprx - USER: pdilillo - LAST SAVED: 2/17/2026 1:22 PM

ATTACHMENT A
Soil Reuse Characterization Plan for Site-Wide Remedy

H & A OF NEW YORK ENGINEERING
AND GEOLOGY, LLP
213 W. 35th Street
7th floor
New York, NY 10001

TECHNICAL MEMORANDUM

July 21, 2025
File No. 0208988

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

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

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

FROM: H & A of New York Engineering and Geology, LLP
Thomas R. Giordano, Project Manager
Suzanne M. Bell, P.E., Senior Associate

SUBJECT: Soil Reuse Characterization Plan for Site-Wide Remedy
Former Port Mobil Terminal (243016)

On behalf of NP Staten Island Industrial, LLC, H & A of New York Engineering and Geology, LLP (Haley & Aldrich of New York) is submitting this Soil Reuse Characterization Plan for the Former Port Mobil Terminal located at 4101 Arthur Kill Road in Staten Island, New York (the "Site," Figure 1). This Soil Reuse Characterization Plan has been developed based on the sampling frequency in the New York State Department of Environmental Conservation's (NYSDEC's) Division of Environmental Remediation (DER)-10 Table 5.4 (e).

Introduction

Haley & Aldrich of New York has prepared this Soil Reuse Characterization Plan, which includes a Community Air Monitoring Plan (CAMP) for the Site. A Project Locus is included as Figure 1.

On December 6, 2024, the draft Alternatives Analysis (AA) / Remedial Action Work Plan (RAWP) prepared by Haley & Aldrich of New York was submitted to the NYSDEC and United States Environmental Protection Agency (USEPA). A revised draft was submitted on May 1, 2025. Both documents outlined the proposed remedial action for the Site, which includes in-situ solidification (ISS) and a permeable reactive barrier (PRB) wall as recommended technologies. To prepare for and support future remedial and development work, Haley & Aldrich of New York will conduct soil sampling activities within the proposed ISS and PRB wall areas.

Soil sampling activities will include soil boring installations via a track-mounted Geoprobe® drill rig and sample collection to evaluate whether the overburden in the ISS areas and across the extent of the PRB wall can be reused to support future development and Site-wide remediation. Sampling will be conducted in accordance with the procedures described in NYSDEC DER-10 Table 5.4(e) to meet the applicable NYSDEC Part 375 Commercial Use Soil Cleanup Objectives (CUSCOs) and the NYSDEC Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Guidance Values. This includes a sampling frequency of every 1,000 cubic yards of material as indicated in NYSDEC DER-10 Table 5.4 (e).

The Site, which is a former Major Oil Storage Facility (MOSF), contained former aboveground storage tanks (ASTs) within the proposed area of redevelopment. The ASTs are surrounded by berms, which were designed to contain potential releases when the ASTs were in use and to mitigate stormwater runoff. As many of the proposed ISS areas are in/beneath the areas of existing berms, the sampling and characterization of berm material are being conducted separately in accordance with the Berm Sampling Work Plan, dated December 2024, and its Addendum, dated July 2025, both prepared by Haley & Aldrich of New York. Soil sampling of the berms above the ISS areas is not included within this Soil Reuse Characterization Plan.

This plan also includes a Site-specific CAMP to be implemented during the ISS overburden and PRB wall sampling events, and it was developed in accordance with the New York State Department of Health (NYSDOH) Generic Community Air Monitoring Plan and the NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation. The CAMP details measures for the protection of the downwind community (i.e., off-Site receptors including residences and businesses, and on-Site workers not directly involved in the investigation activities) from potential airborne contaminant releases resulting from sampling activities at the Site. Compliance with this CAMP is required during all activities associated with soil sampling activities, such as drilling, equipment idling, transport, etc., that have the potential to generate airborne particulate matter and volatile organic compounds (VOCs).

ISS Overburden Soil Sampling

The ISS overburden areas have been divided into 36 grids, as shown on Figures 3 through 7, where three to four borings will be installed in each grid. Soil borings will be installed via direct-push methods (e.g., Geoprobe®). A total of 36 composite samples and 125 discrete samples will be collected to characterize the top 4 feet (ft) of overburden soils from the ISS areas. ISS sampling grids and depth intervals are included in Table 1. Prior to sampling in former AST areas, existing tank bottoms will be removed from the work areas by others in accordance with the Demolition Work Plan, dated May 4, 2021, by Industrial Development Advantage Port Mobil, LLC and Weston Solutions of New York, Inc.

Proposed boring locations may be adjusted or moved based on field conditions to minimize disturbance of existing berms, infrastructure, or other Site features.

Composite soil samples will be analyzed for the following parameters:

- Target Compound List (TCL) semi-volatile organic compounds (SVOCs);
- Target Analyte List (TAL) total metals;
- Polychlorinated biphenyls (PCBs);
- Pesticides; and
- PFAS.

Discrete soil samples will be analyzed for TCL VOCs.

Permeable Reactive Barrier Wall Soil Sampling

The PRB wall has been divided into six segments, as shown in Figure 8. Haley & Alrich of New York will oversee the installation of four to five soil borings per segment for composite and discrete sampling. Each segment of the proposed wall is comprised of approximately 1,000 cubic yards, measuring approximately 400 to 450 ft long, 3 ft wide, and 20 ft deep. Borings PRB-01 through PRB-17 within segments were previously included as part of the Pre-Design Investigation Work Plan, appended to the draft AA/RAWP (May 2025) and are included in this work plan for reuse characterization. As the route of the PRB has been modified since the submission of the May 2025 draft AA/RAWP, the locations of the original 17 pre-design investigation (PDI) borings have been adjusted to represent the latest iteration of the proposed PRB path. Borings PRB-A to PRB-H have been added to the outer segments of the proposed PRB wall path for representative reuse characterization. Soil borings will be installed utilizing direct-push methods (e.g., Geoprobe®). A total of approximately 12 composite samples and 42 discrete samples will be collected to characterize the PRB wall soil from grade to 20 ft below ground surface (bgs). PRB wall sampling grids and depth intervals are included in Table 2.

Composite soil samples will be analyzed for the following parameters:

- TCL SVOCs;
- TAL total metals;
- PCBs;
- Pesticides; and
- PFAS.

Discrete soil samples will be analyzed for TCL VOCs.

Community Air Monitoring Program

Real-time air monitoring will be conducted in three locations during ground intrusive activities and will be based on the location of work, Site conditions, and nearest receptors (as shown on Figures 2 and 8). Continuous monitoring will be performed for all ground intrusive activities and during the handling of contaminated or potentially contaminated media.

The contaminants of concern (COCs) at the Site include VOCs, lead, zinc, and polycyclic aromatic hydrocarbons (PAHs). The VOCs include benzene, toluene, ethylbenzene, xylene (collectively BTEX compounds), 1,2,4-trimethylbenzene, and 1,3,5-trimethylbenzene. The PAHs include benzo[a] anthracene, benzo[a] pyrene, benzo[b] fluoranthene, indeno [1,2,3-cd] pyrene, naphthalene, and chrysene. VOCs may volatilize directly into the air during intrusive work activities. Lead, zinc, and PAHs are not volatile compounds and may be adsorbed to particulates (i.e., dust). Baseline levels will be established prior to work commencing, which will allow for correlations to be evaluated between Site activities and CAMP results. The Action Level Limits and Actions discussed below are summarized in Table 3.

VOC MONITORING, RESPONSE LEVELS, AND ACTIONS

VOCs will be monitored at CAMP stations at the three locations during ground intrusive activities, based on the location of the work, Site conditions, and nearest receptors. Upwind concentrations will be measured at the start of each workday and periodically thereafter to establish background conditions. Roaming equipment to assess VOCs will be carried by the field support overseeing implementation of the waste characterization scope. The monitoring work will be performed using equipment appropriate to measure the types of contaminants known or suspected of being present. The equipment will be calibrated at least daily for the COCs or an appropriate surrogate. The equipment will be capable of calculating 15-minute running average concentrations, which will be compared to the levels specified below.

- If the ambient air concentration of total organic vapors at the downwind perimeter of the work area or exclusion zone exceeds 5 parts per million (ppm) above background for the 15-minute average, work activities will be temporarily halted and monitoring continued. If the total organic

vapor level readily decreases (per instantaneous readings) below 5 ppm over background, work activities will resume with continued monitoring.

- If total organic vapor levels at the downwind perimeter of the work area or exclusion zone persist at levels in excess of 5 ppm over background but less than 25 ppm, work activities will be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities will resume provided that the total organic vapor level 200 ft downwind of the exclusion zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less, but in no case less than 20 ft, is below 5 ppm over background for the 15-minute average.
- If the organic vapor level is above 25 ppm at the perimeter of the work area, activities will be shut down.
- All 15-minute readings must be recorded and be available for NYSDEC and USEPA personnel to review. Instantaneous readings, if any, used for decision purposes, will also be recorded. Proactive measures will be taken to control VOCs, such as the use of a foaming agent and wintergreen misting to prevent off-Site migration of VOCs and to suppress odors.

PARTICULATE MONITORING, RESPONSE LEVELS, AND ACTIONS

Dust particulates will be monitored at CAMP stations at the three locations during ground intrusive activities, based on the location of the work, Site conditions, and nearest receptors. Particulate concentrations will be evaluated through particulate monitoring via real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM-10). In the event this equipment is implemented, the equipment will be capable of integrating over a period of 15 minutes (or less) for comparison to the airborne particulate action level discussed below:

- If the downwind PM-10 particulate level is 100 micrograms per cubic meter ($\mu g/m^3$) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then dust suppression techniques will be employed. Work will continue with dust suppression techniques provided that downwind PM-10 particulate levels do not exceed 150 $\mu g/m^3$ greater than the upwind level and provided that no visible dust is migrating from the work area.
- If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than 150 $\mu g/m^3$ above the upwind level, work will be stopped, and a re-evaluation of activities initiated. Work will resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within 150 $\mu g/m^3$ of the upwind level and in preventing visible dust migration.

All 15-minute readings must be recorded and be available for NYSDEC and USEPA personnel to review. Instantaneous readings, if any, used for decision purposes, will also be recorded. Proactive measures will be taken to control dust particulates, such as the use of water sprayers to suppress dust generation and migration off Site.

FUGITIVE DUST SUPPRESSION TECHNIQUES

Reasonable fugitive dust suppression techniques must be employed during all Site activities that may generate fugitive dust. The following techniques have been shown effective for controlling the generation and migration of dust during soil sampling activities, and will be employed as needed during all ground intrusive on-Site activities:

- Applying water on haul roads;
- Wetting equipment prior to and during use;
- Hauling materials in properly tarped or watertight containers; and,
- Restricting on-Site vehicle speeds to 10 miles per hour (mph).

By employing the above techniques, the chance of exceeding the 150 µg/m^3 action level becomes extremely remote. In techniques involving water application, care must be taken not to generate unacceptably wet conditions. Using atomizing sprays will prevent such overly wet conditions, conserve water, and provide an effective means of fugitive dust suppression.

Reporting

Reporting will be conducted throughout the execution of the ISS overburden and PRB wall sampling for on-Site reuse as described below.

DAILY REPORTS

During implementation of field activities for ISS overburden and PRB wall sampling, daily field reports will be submitted electronically to the NYSDEC, USEPA, and NYSDOH on the business day following the field activities. These daily reports will include a representative photolog, an updated Site figure, and a description of work.

Daily reports are not intended to be the mode of communication for notification to the NYSDEC of emergencies (e.g., accident, spill), identification of previously unidentified contaminated media, requests for changes to the ISS overburden and PRB wall sampling for on-Site reuse scope, or other sensitive or time-critical information. However, such conditions must also be included in the daily reports. Emergency conditions and changes to the scope will be addressed directly to the USEPA Project Coordinator and NYSDEC Project Manager via email (and verbal, as deemed appropriate) communication.

Exceedances of action levels observed during performance of the CAMP will be reported to the NYSDEC and USEPA via email and included in the daily report to be submitted to NYSDEC and USEPA the morning after Site activities are completed, along with actions and responses. Daily reports will include the following information:

- Date;

- Personnel;
- Wind direction;
- Meteorological data (i.e., temperature, weather, atmospheric pressure);
- Site map;
- CAMP station locations;
- Notes regarding any equipment malfunctions; and
- Notes regarding any mitigation efforts or work stoppage due to CAMP exceedances.

SOIL REUSE SUMMARY REPORT

Upon completion of the scope and once the results are received, a summary report will be prepared for submission to NYSDEC and USEPA outlining means, methods, sampling techniques, findings, and conclusions. This summary report will also include a reuse request should the analytical results meet CUSCOs and PFAS Guidance Values, and the soil be acceptable for on-Site reuse.

The report will include boring logs and summarize the sampling activities, including analytical data tables and figures showing each of the sampling locations. No material from this scope is to be reused on the Site until the formal request is approved by the NYSDEC and USEPA.

Data Quality Assurance

To ensure data quality, instrument calibration will be completed as required by the manufacturer and recorded daily. Calibration checks and duplicate readings may be completed as needed to confirm instrument response and accuracy. All instruments will be operated in accordance with the manufacturer's specifications, copies of which will be kept on the Site.

The on-Site field personnel will review monitoring data throughout the day and evaluate them in comparison to the action levels. The NYSDEC Project Manager will review monitoring data periodically and/or when action levels are triggered.

Investigation-Derived Waste Management

Following sample collection, boreholes will be backfilled with soil cuttings and areas restored to grade with the surrounding area. If soil is identified as grossly contaminated, it will be separated and placed into a sealed and labeled New York State Department of Transportation (NYSDOT)-approved 55-gallon drum pending characterization and off-Site disposal.

Soil borings will be installed utilizing direct-push methods (e.g., Geoprobe®) and will not utilize fluid for drilling purposes. All proposed sampling will be completed via properly decontaminated hand tools or

direct-push technology tools. Decontamination fluids will be containerized in NYSDOT-approved 55-gallon drums pending off-Site disposal.

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

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

Michael J. Boland, E.I.T.	Thomas R. Giordano	Suzanne M. Bell, P.E.
Assistant Project Manager	Project Manager	Senior Associate

Attachments:

Table 1 – ISS Overburden Soil Sampling and Analysis Plan
Table 2 – PRB Wall Soil Sampling and Analysis Plan
Table 3 – Action Level Limit Summary

Figure 1 – Project Locus
Figure 2 – ISS Areas Overburden Soil Sampling Summary Plan and CAMP Locations
Figure 3 – AST-04 Overburden Soil Sampling Location Plan
Figure 4 – MW-101 Overburden Soil Sampling Location Plan
Figure 5 – AST-12 Overburden Soil Sampling Location Plan
Figure 6 – AST-50A&B Overburden Soil Sampling Location Plan
Figure 7 – MW-AST16A & UST02 Overburden Soil Sampling Location Plan
Figure 8 – PRB Wall Soil Sampling Location Plan and CAMP Locations

TABLES

TABLE 1
ISS OVERBURDEN SOIL SAMPLING AND ANALYSIS PLAN
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK

ISS Area	Grid	Sampling Location	Sample ID	Sample Depth (ft)
Composite Samples				
AST-04	ISS-01	ISS-01A	ISS-01_0-4	0-4
		ISS-01B		
		ISS-01C		
	ISS-02	ISS-02A	ISS-02_0-4	0-4
		ISS-02B		
		ISS-02C		
	ISS-03	ISS-03A	ISS-03_0-4	0-4
		ISS-03B		
		ISS-03C		
		ISS-03D		
	ISS-04	ISS-04A	ISS-04_0-4	0-4
		ISS-04B		
		ISS-04C		
		ISS-04D		
	ISS-05	ISS-05A	ISS-05_0-4	0-4
		ISS-05B		
		ISS-05C		
	ISS-06	ISS-06A	ISS-06_0-4	0-4
		ISS-06B		
		ISS-06C		
		ISS-06D		
	ISS-07	ISS-07A	ISS-07_0-4	0-4
		ISS-07B		
		ISS-07C		
		ISS-07D		
	ISS-08	ISS-08A	ISS-08_0-4	0-4
		ISS-08B		
		ISS-08C		
	ISS-09	ISS-09A	ISS-09_0-4	0-4
		ISS-09B		
		ISS-09C		
		ISS-09D		
	ISS-10	ISS-10A	ISS-10_0-4	0-4
		ISS-10B		
		ISS-10C		
MW-101	ISS-11	ISS-11A	ISS-11_0-4	0-4
		ISS-11B		
		ISS-11C		
	ISS-12	ISS-12A	ISS-12_0-4	0-4
		ISS-12B		
		ISS-12C		
		ISS-12D		
	ISS-13	ISS-13A	ISS-13_0-4	0-4
		ISS-13B		
		ISS-13C		
		ISS-13D		
	ISS-14	ISS-14A	ISS-14_0-4	0-4
		ISS-14B		
		ISS-14C		
	ISS-15	ISS-15A	ISS-15_0-4	0-4
		ISS-15B		
		ISS-15C		
	ISS-16	ISS-16A	ISS-16_0-4	0-4
		ISS-16B		
		ISS-16C		
		ISS-16D		

TABLE 1
ISS OVERBURDEN SOIL SAMPLING AND ANALYSIS PLAN
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK

ISS Area	Grid	Sampling Location	Sample ID	Sample Depth (ft)
Composite Samples				
AST-12	ISS-17	ISS-17A	ISS-17_0-4	0-4
		ISS-17B		
		ISS-17C		
	ISS-18	ISS-18A	ISS-18_0-4	0-4
		ISS-18B		
		ISS-18C		
		ISS-18D		
	ISS-19	ISS-19A	ISS-19_0-4	0-4
		ISS-19B		
		ISS-19C		
	ISS-20	ISS-20A	ISS-20_4	0-4
		ISS-20B		
		ISS-20C		
	ISS-21	ISS-21A	ISS-21_0-4	0-4
		ISS-21B		
		ISS-21C		
	ISS-22	ISS-22A	ISS-22_0-4	0-4
		ISS-22B		
		ISS-22C		
		ISS-22D		
	ISS-23	ISS-23A	ISS-23_0-4	0-4
		ISS-23B		
		ISS-23C		
		ISS-23D		
	ISS-24	ISS-24A	ISS-24_0-4	0-4
		ISS-24B		
		ISS-24C		
	ISS-25	ISS-25A	ISS-25_0-4	0-4
		ISS-25B		
		ISS-25C		
		ISS-25D		
	ISS-26	ISS-26A	ISS-26_0-4	0-4
		ISS-26B		
		ISS-26C		
		ISS-26D		
	ISS-27	ISS-27A	ISS-27_0-4	0-4
		ISS-27B		
		ISS-27C		
	ISS-28	ISS-28A	ISS-28_0-4	0-4
		ISS-28B		
		ISS-28C		
		ISS-28D		
	ISS-29	ISS-29A	ISS-29_0-4	0-4
		ISS-29B		
		ISS-29C		
	ISS-30	ISS-30A	ISS-30_0-4	0-4
		ISS-30B		
		ISS-30C		
	ISS-31	ISS-31A	ISS-31_0-4	0-4
		ISS-31B		
		ISS-31C		
		ISS-31D		
	ISS-32	ISS-32A	ISS-32_0-4	0-4
		ISS-32B		
		ISS-32C		
		ISS-32D		

TABLE 1
ISS OVERBURDEN SOIL SAMPLING AND ANALYSIS PLAN
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK

ISS Area	Grid	Sampling Location	Sample ID	Sample Depth (ft)
Composite Samples				
AST-50A & AST-50B	ISS-33	ISS-33A	ISS-33_0-4	0-4
		ISS-33B		
		ISS-33C		
		ISS-33D		
	ISS-34	ISS-34A	ISS-34_0-4	0-4
		ISS-34B		
		ISS-34C		
MW-AST16A & UST02	ISS-35	ISS-35A	ISS-35_0-4	0-4
		ISS-35B		
		ISS-35C		
	ISS-36	ISS-36A	ISS-36_0-4	0-4
		ISS-36B		
		ISS-36C		

Notes:

1. Composite samples will be analyzed for TCL SVOCs, TAL Metals, PCBs, Pesticides, and PFAS.

2. Three to four discrete samples will be collected per grid.

3. Discrete samples will be analyzed for TCL VOCs.

TABLE 2
PRB WALL SOIL SAMPLING AND ANALYSIS PLAN
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK

PRB Segment Number	Boring Location	Sample ID	Sample Depth (ft)
Composite Samples			
1	PRB-A	PRB-S1_0-10	0-10
		PRB-S1_10-20	10-20
	PRB-B	PRB-S1_0-10	0-10
		PRB-S1_10-20	10-20
	PRB-C	PRB-S1_0-10	0-10
		PRB-S1_10-20	10-20
	PRB-D	PRB-S1_0-10	0-10
		PRB-S1_10-20	10-20
2	PRB-01	PRB-S2_0-10	0-10
		PRB-S2_10-20	10-20
	PRB-02	PRB-S2_0-10	0-10
		PRB-S2_10-20	10-20
	PRB-03	PRB-S2_0-10	0-10
		PRB-S2_10-20	10-20
	PRB-04	PRB-S2_0-10	0-10
		PRB-S2_10-20	10-20
3	PRB-05	PRB-S3_0-10	0-10
		PRB-S3_10-20	10-20
	PRB-06	PRB-S3_0-10	0-10
		PRB-S3_10-20	10-20
	PRB-07	PRB-S3_0-10	0-10
		PRB-S3_10-20	10-20
	PRB-08	PRB-S3_0-10	0-10
		PRB-S3_10-20	10-20
	PRB-09	PRB-S3_0-10	0-10
		PRB-S3_10-20	10-20
4	PRB-10	PRB-S4_0-10	0-10
		PRB-S4_10-20	10-20
	PRB-11	PRB-S4_0-10	0-10
		PRB-S4_10-20	10-20
	PRB-12	PRB-S4_0-10	0-10
		PRB-S4_10-20	10-20
	PRB-13	PRB-S4_0-10	0-10
		PRB-S4_10-20	10-20
5	PRB-14	PRB-S5_0-10	0-10
		PRB-S5_10-20	10-20
	PRB-15	PRB-S5_0-10	0-10
		PRB-S5_10-20	10-20
	PRB-16	PRB-S5_0-10	0-10
		PRB-S5_10-20	10-20
	PRB-17	PRB-S5_0-10	0-10
		PRB-S5_10-20	10-20
6	PRB-E	PRB-S6_0-10	0-10
		PRB-S6_10-20	10-20
	PRB-F	PRB-S6_0-10	0-10
		PRB-S6_10-20	10-20
	PRB-G	PRB-S6_0-10	0-10
		PRB-S6_10-20	10-20
	PRB-H	PRB-S6_0-10	0-10
		PRB-S6_10-20	10-20

Notes:

1. *Composite samples will be analyzed for TCL SVOCs, TAL Metals, PCBs, Pesticides, and PFAS.*
2. *Seven discrete samples will be collected per Segment.*
3. *Discrete samples will be analyzed for TCL VOCs.*
4. *Numbered PRB boring locations (PRB-01 thru PRB-17) require soil type characterization as per PDI work plan.*

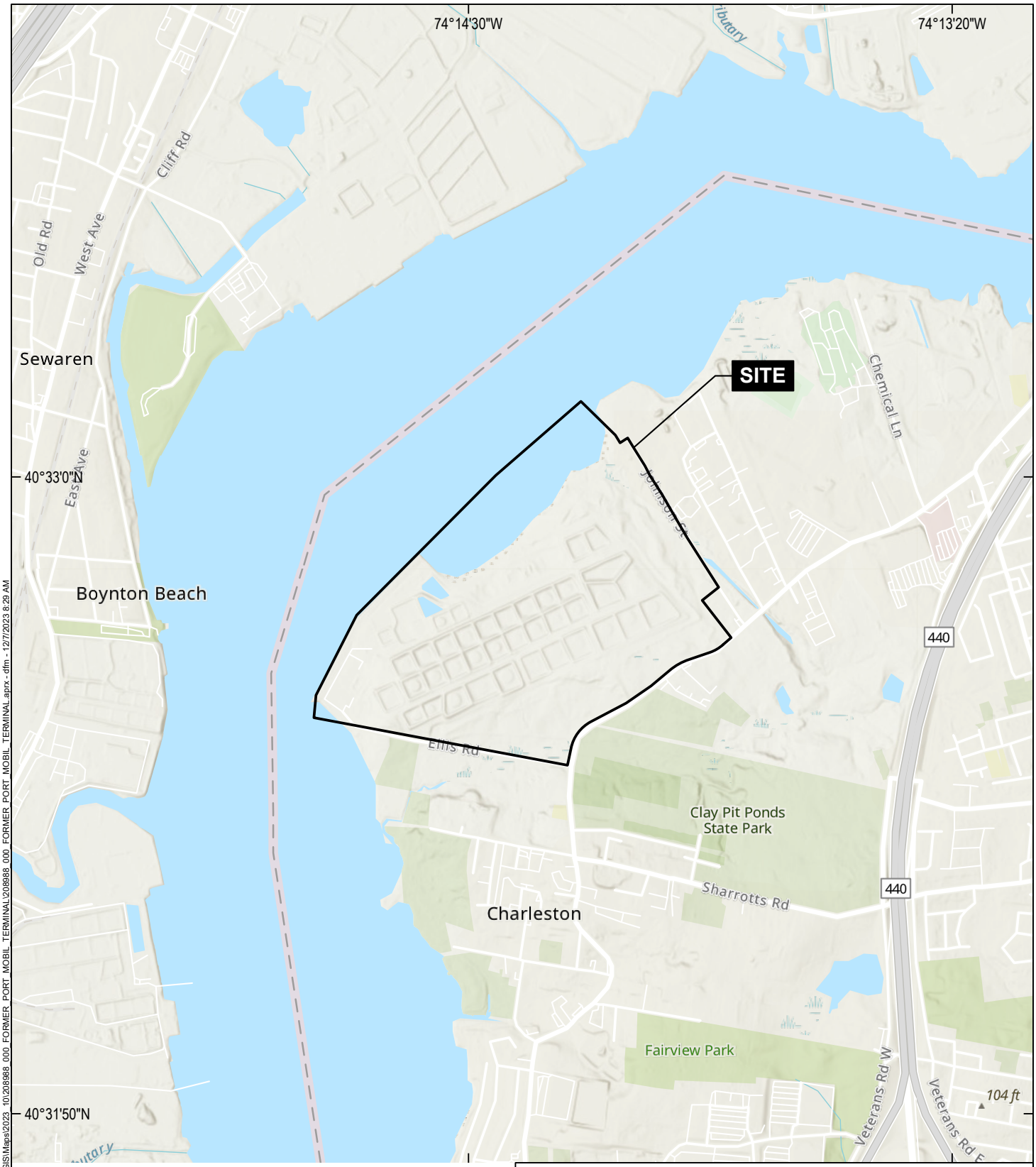
TABLE 3
ACTION LEVEL LIMIT SUMMARY
FORMER PORT MOBIL
STATEN ISLAND, NEW YORK

Parameter	Monitoring Instrument	Response Levels (above background)	Actions	Conditions for Continuing Work Activities
Volatile Organic Compounds	PID and Visual Observation	Greater than 5 ppm but less than 25 ppm	1. Temporary Halt Activity 2. Continue Monitoring	Levels readily decrease below 5 ppm above background levels
	PID and Visual Observation	Persistent Levels between 5 ppm and 25 ppm	1. Temporary Halt Activity 2. Vapor Abatement Action 3. Continue Monitoring	Levels exist below 5 ppm above background levels in areas 200 feet from exclusion zone or half the distance to the nearest receptor (but no less than 20 feet)
	PID and Visual Observation	Greater than 25 ppm	1. Shut Down Activity 2. Vapor Mitigation and Control Action	1. Identified contributing ground intrusive activities must be halted and vapor suppression techniques must be evaluated and modified until monitoring indicates VOC levels below the action level. 2. After these steps, if VOC levels (half the distance to the nearest potential receptor or structure) are below 5 ppm over background, resume work.
Particulates	Dust Meter and Visual Observation	Fugitive Dust Migration	1. Implement Dust Suppression Techniques	Dust suppression techniques are in place
	Dust Meter and Visual Observation	Greater than 100 µg/m^3 but less than 150 µg/m^3	1. Implement Dust Suppression Techniques	Levels must not exceed 150 µg/m^3 with dust suppression techniques in place
	Dust Meter and Visual Observation	Greater than 150 µg/m^3	1. Halt activity 2. Re-evaluate activities	Levels decrease below 150 µg/m^3 and fugitive dust migration is prevented

Notes:

µg/m^3 - micrograms per cubic meter
ppm - parts per million
PID - photoionization detector
VOC - volatile organic compound

FIGURES







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

HALEY ALDRICH

FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEWYORK

PROJECT LOCUS

APPROXIMATE SCALE: 1 IN = 2000 FT
JULY 2025

FIGURE 1

GIS: \\haleyaldrich.com\share\CF\Projects\0208988\GIS Maps\2023_10\208988_000_FORMER_PORT_MOBIL_TERMINAL\208988_000_FORMER_PORT_MOBIL_TERMINAL_aprx - dfm - 12/7/2023 8:29 AM



LEGEND

- PROJECT SITE BOUNDARY
- APPROXIMATE EXTENT OF LNAPL
- ISS AREA
- AIR MONITORING STATION

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. AERIAL IMAGERY SOURCE: NEARMAP, APRIL 9, 2025

0 420 840
SCALE IN FEET

HALEY ALDRICH

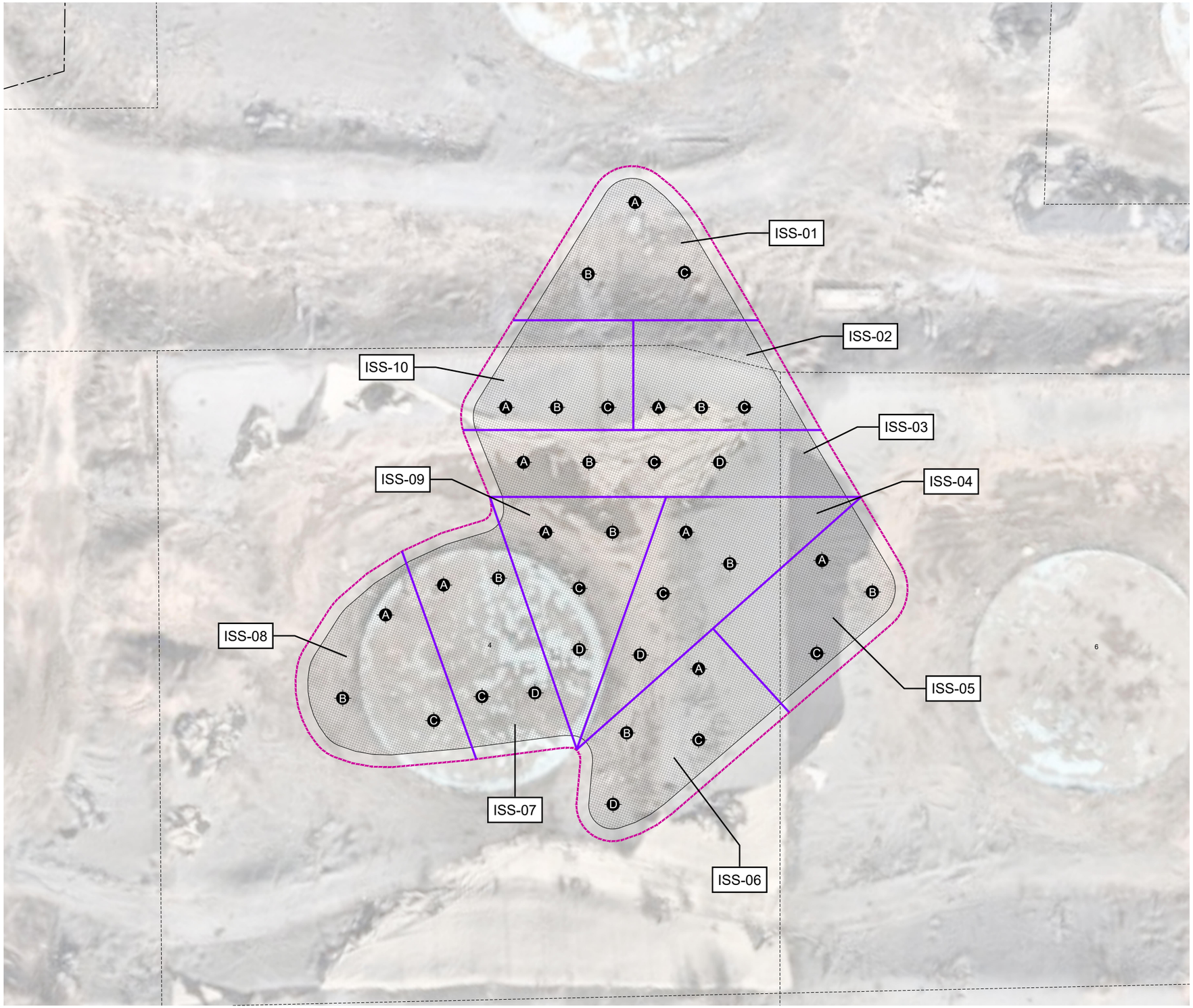
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEWYORK

ISS AREAS OVERBURDEN SOIL SAMPLING SUMMARY PLAN AND CAMP LOCATIONS

JULY 2025

FIGURE 2

GIS FILE PATH: \\haleyaldrich.com\share\CF\Projects\0208988\GIS\Mapx\2025_04\208988_AA_RAWP_FIGURES.aprx - USER: dfm - LAST SAVED: 4/25/2025 4:37 PM



LEGEND

- CONTAINMENT BERM
- APPROXIMATE EXTENT OF LNAPL
- PROPOSED ISS AREAS AND EXCAVATION TO 4' BGS
- SOIL REUSE GRID BOUNDARY
- ISS-01 SOIL REUSE GRID IDENTIFICATION
- A BORING LOCATION / COMPOSITE POINT

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. AERIAL IMAGERY SOURCE: NEARMAP, APRIL 9, 2025

N

0 20 40 60 80
SCALE IN FEET

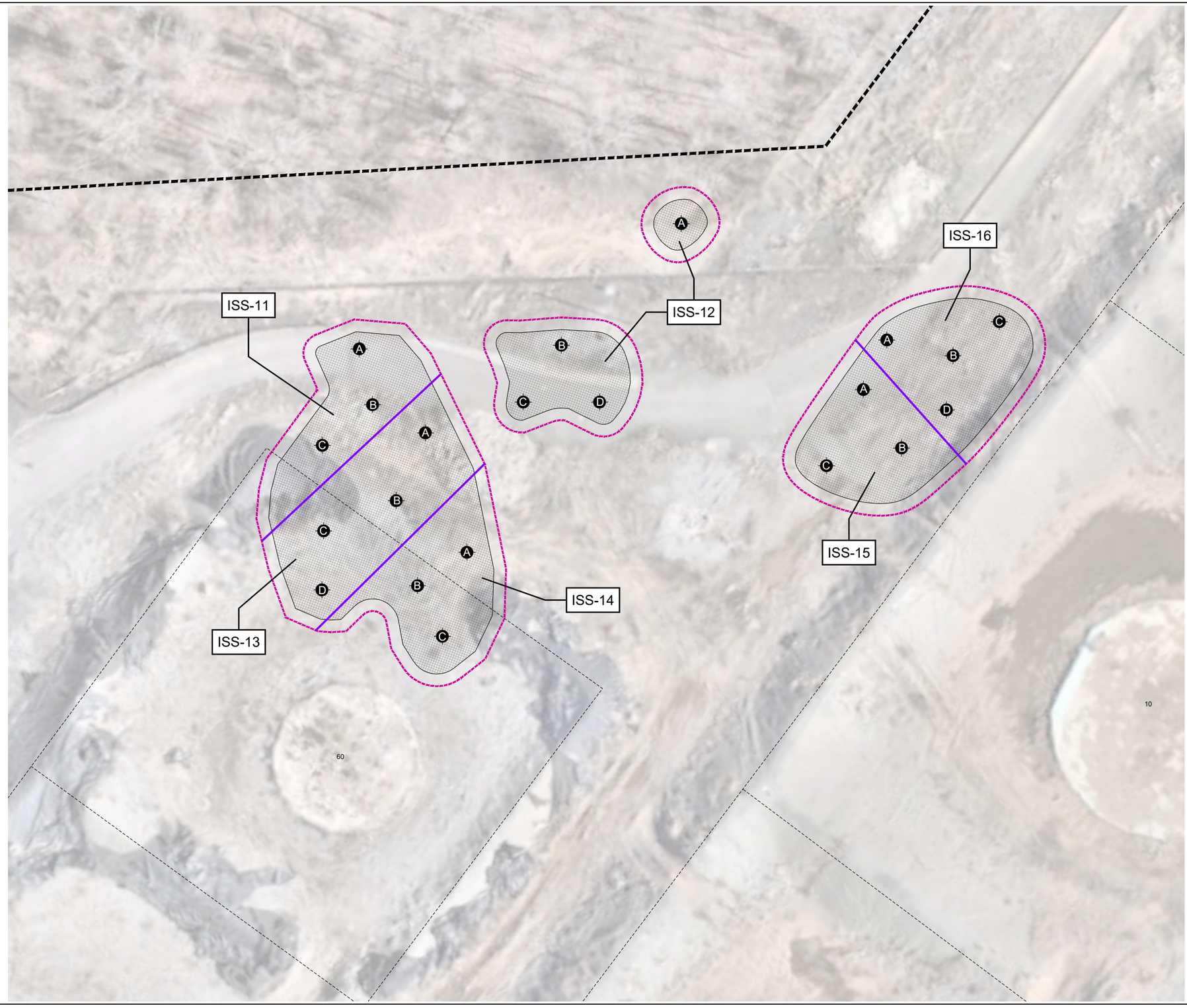
HALEY ALDRICH

FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEWYORK

AST-04 OVERBURDEN SOIL SAMPLING LOCATION PLAN

JULY 2025

FIGURE 3



LEGEND

- CONTAINMENT BERM
- APPROXIMATE EXTENT OF LNAPL
- PROPOSED ISS AREAS AND EXCAVATION TO 4' BGS
- SOIL REUSE GRID BOUNDARY
- ISS-11 — SOIL REUSE GRID IDENTIFICATION
- A — BORING LOCATION / COMPOSITE POINT

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. AERIAL IMAGERY SOURCE: NEARMAP, APRIL 9, 2025

N

0 20 40 60 80
SCALE IN FEET

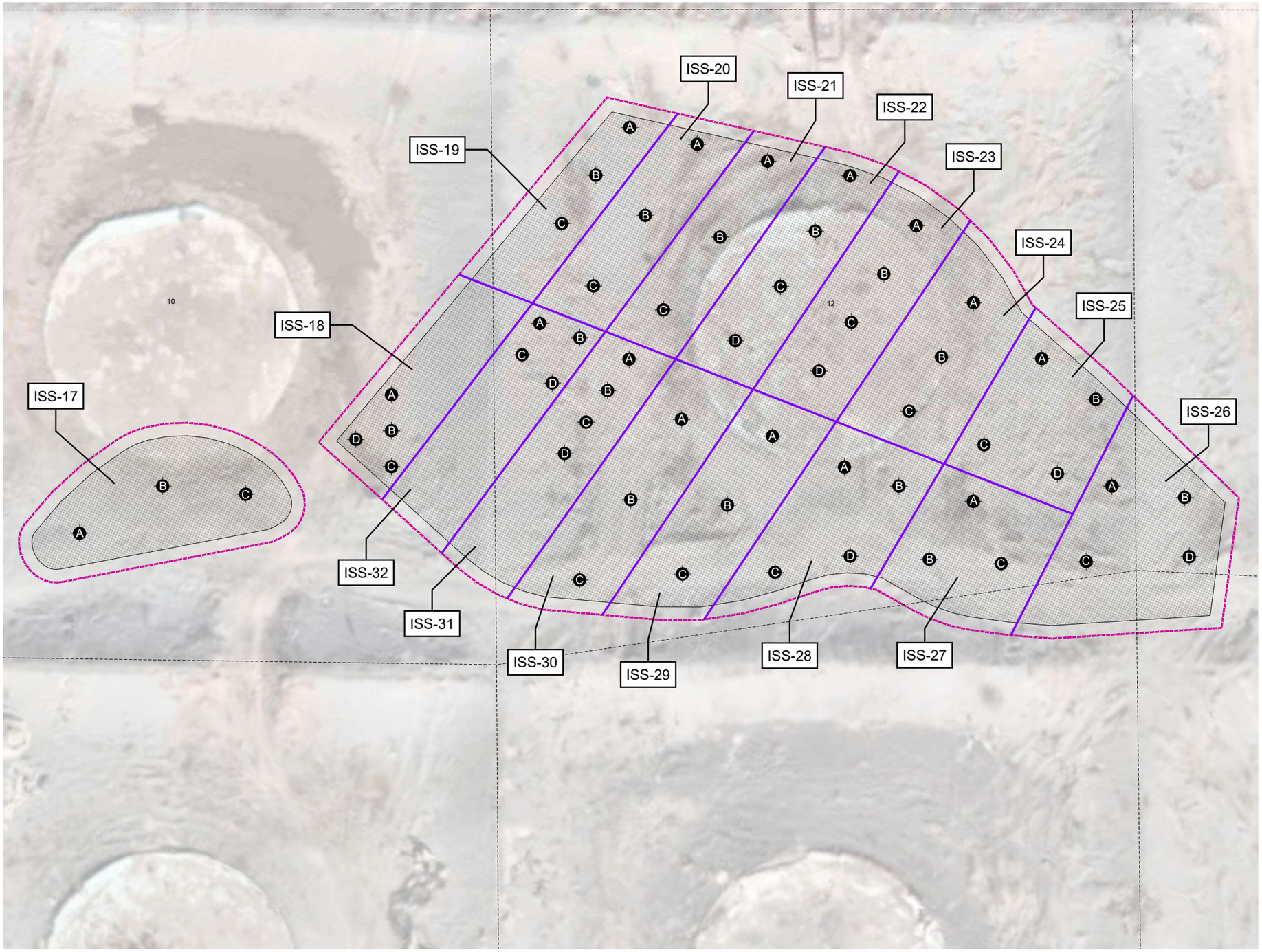
HALEY ALDRICH

FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEWYORK

MW-101 OVERBURDEN SOIL SAMPLING LOCATION PLAN

JULY 2025

FIGURE 6



LEGEND

- CONTAINMENT BERM
- APPROXIMATE EXTENT OF LNAPL
- PROPOSED ISS AREAS AND EXCAVATION TO 4' BGS
- SOIL REUSE GRID BOUNDARY
- ISS-17 — SOIL REUSE GRID IDENTIFICATION
- A — BORING LOCATION / COMPOSITE POINT

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. AERIAL IMAGERY SOURCE: NEARMAP, APRIL 9, 2025

N

0 20 40 60 80
SCALE IN FEET

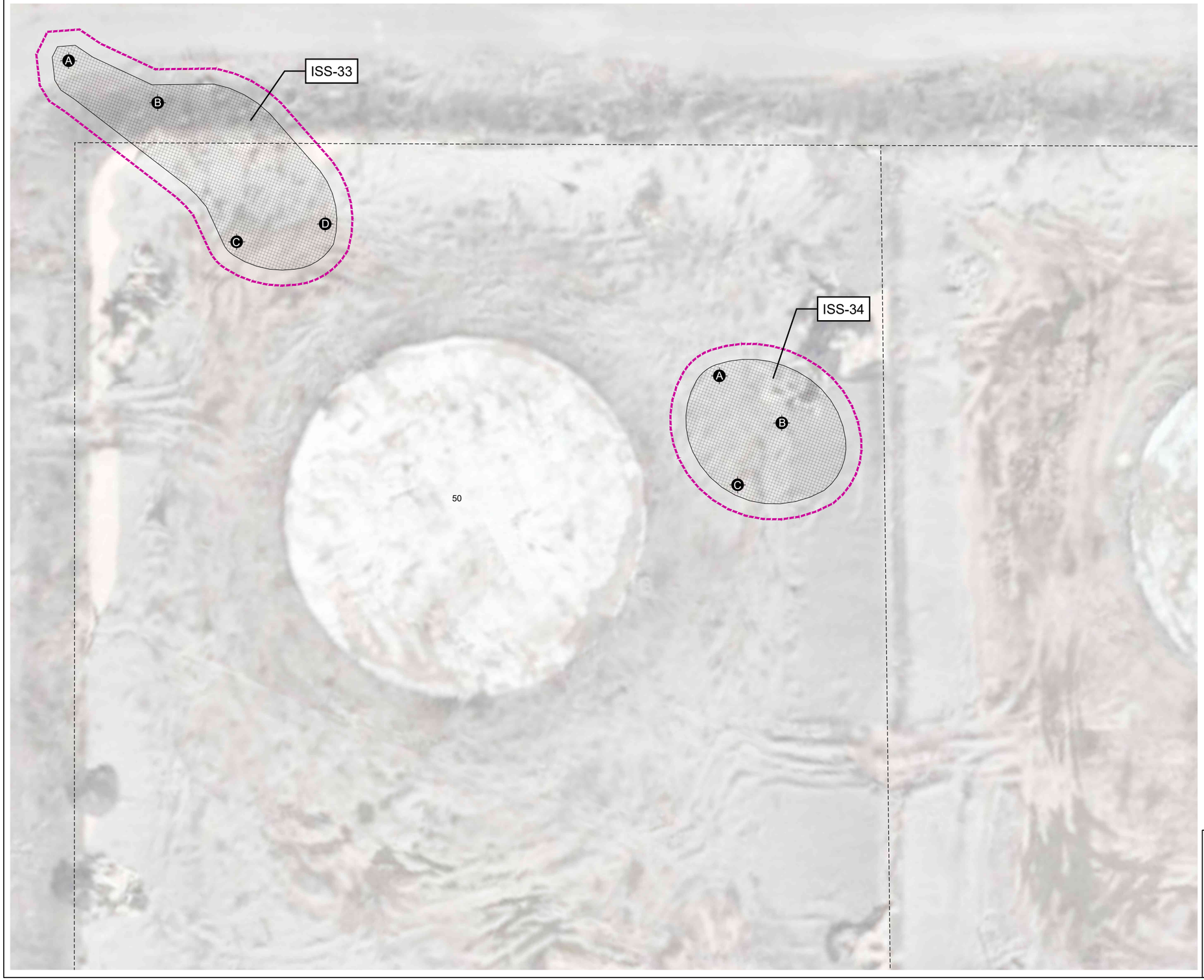
HALEY ALDRICH

FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEWYORK

AST-12 OVERBURDEN SOIL SAMPLING LOCATION PLAN

JULY 2025

FIGURE 5



LEGEND

- CONTAINMENT BERM
- APPROXIMATE EXTENT OF LNAPL
- PROPOSED ISS AREAS AND EXCAVATION TO 4' BGS
- ISS-33 — SOIL REUSE GRID IDENTIFICATION
- A — BORING LOCATION / COMPOSITE POINT

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. AERIAL IMAGERY SOURCE: NEARMAP, APRIL 9, 2025

N

0 20 40 60 80

SCALE IN FEET

HALEY ALDRICH

FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEWYORK

AST-50A&B OVERBURDEN SOIL SAMPLING LOCATION PLAN

JULY 2025

FIGURE 6



16

LEGEND

- CONTAINMENT BERM
- APPROXIMATE EXTENT OF LNAPL
- PROPOSED ISS AREAS AND EXCAVATION TO 4' BGS
- ISS-35 — SOIL REUSE GRID IDENTIFICATION
- A — BORING LOCATION / COMPOSITE POINT

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. AERIAL IMAGERY SOURCE: NEARMAP, APRIL 9, 2025

N

0 10 20 30 40

SCALE IN FEET

HALEY ALDRICH

FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEWYORK

MW-AST16A & UST02 OVERBURDEN SOIL SAMPLING LOCATION PLAN

JULY 2025

FIGURE 7

ARTHUR KILL

STATION #2

PRB-01 PRB-02 PRB-03 PRB-04 PRB-05 PRB-06 PRB-07 PRB-08 PRB-09 PRB-10 PRB-11 PRB-12 PRB-13 PRB-14 PRB-15 PRB-16 PRB-17 PRB-D PRB-C PRB-B PRB-A PRB-E PRB-F PRB-G PRB-H

Segment 1 Segment 2 Segment 3 Segment 4 Segment 5 Segment 6

MARINE WAREHOUSE AND OFFICE

OFFICE AND GARAGE

OIL/WATER SEPARATOR

DRAVO BUILDING

STATION #1

STATION #3

AREA :AST-04

AREA :MW-101

LEGEND

- BORING LOCATION / COMPOSITE POINT
- CONTAINMENT BERM
- PERMEABLE REACTIVE BARRIER (PRB) WALL
- APPROXIMATE EXTENT OF LNAPL
- STRUCTURES
- SURFACE IMPOUNDMENT
- PROJECT SITE BOUNDARY
- ISS AREA
- AIR MONITORING STATION

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. PROTECTION OF GROUNDWATER EXCEEDANCES ARE SHOWN FOR THE VADOSE ZONE ONLY
3. AERIAL IMAGERY SOURCE: NEARMAP, APRIL 9, 2025

0 150 300

SCALE IN FEET

HALEY ALDRICH

FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEWYORK

PRB WALL SOIL SAMPLING LOCATION PLAN AND CAMP LOCATIONS

APRIL 2025

FIGURE 8

GIS FILE PATH: \\haleyaldrich.com\share\CF\Projects\0208988\GIS\Maps\2025_04\208988_AA_RAWP_FIGURES.aprx - USER: dfm - LAST SAVED: 4/21/2025 11:14 AM

ATTACHMENT B
Analytical Laboratory Report

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Sarah Commisso
Haley & Aldrich Inc
213 West 35th Street, 7th Floor
New York, New York 10001

Generated 5/27/2026 8:50:22 PM

JOB DESCRIPTION

Former Port Mobil

JOB NUMBER

460-351338-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

my EOL

Eurofins Edison

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization



Generated
5/27/2026 8:50:22 PM

Authorized for release by
Elizabeth Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
(732)549-3900

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 6
Detection Summary 9
Client Sample Results 18
Surrogate Summary 72
Isotope Dilution Summary 75
QC Sample Results 77
QC Association Summary 124
Lab Chronicle 130
Certification Summary 139
Method Summary 141
Sample Summary 142
Chain of Custody 143
Receipt Checklists 148

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*	Surrogate is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	MS or MSD is outside acceptance limits.
*	LCS or LCSD is outside acceptance limits.
E	Compound concentration exceeds the upper level of the calibration range of the instrument for that specific analysis.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*	MS or MSD is outside acceptance limits.
*	Duplicate RPD exceeds control limits
U	Analyzed for but not detected.

LCMS

Qualifier	Qualifier Description
*	Isotope Dilution analyte is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

Metals

Qualifier	Qualifier Description
*	Duplicate analysis not within control limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Sample result is greater than the MDL but below the CRDL
N	Spiked sample recovery is not within control limits.
U	Indicates analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
*	Duplicate analysis not within control limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
460-351338-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 5/19/2026 4:51 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.5°C.

Receipt Exceptions
The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. Analyses were listed on COC, but individual samples were not designated for specific analyses.

Method 8260D - Volatile Organic Compounds by GC/MS
Samples ISS-37_A (460-351338-1), ISS-37_B (460-351338-2), ISS-37_C (460-351338-3), ISS-38_A (460-351338-5), ISS-38_B (460-351338-6), ISS-38_C (460-351338-7), ISS-38_D (460-351338-8), ISS-43_A (460-351338-10), ISS-43_B (460-351338-11), ISS-43_C (460-351338-12), ISS-43_D (460-351338-13), ISS-44_A (460-351338-15), ISS-44_B (460-351338-16), ISS-44_C (460-351338-17), ISS-39_A (460-351338-19), ISS-39_B (460-351338-20), ISS-39_C (460-351338-21) and ISS-39_D (460-351338-22) were analyzed for Volatile Organic Compounds by GC/MS. The samples were prepared on 5/19/2026 and analyzed on 5/20/2026, 5/21/2026, 5/23/2026, 5/24/2026 and 5/26/2026.

Samples ISS-43_C (460-351338-12)[100x], ISS-44_C (460-351338-17)[100x] and ISS-39_C (460-351338-21)[1000x] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The method blank for batch 1109613 contained 1,2,3-Trichlorobenzene above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-analysis of samples was not performed.

The continuing calibration verification (CCV) analyzed in batch 460-1109613 was outside the method criteria for the following analytes: Acetone, Chloromethane and Dichlorodifluoromethane (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

The following samples were diluted to bring the concentration of target analytes within the calibration range: ISS-37_B (460-351338-2), ISS-38_C (460-351338-7) and ISS-43_A (460-351338-10). Elevated reporting limits (RLs) are provided.

The laboratory control sample (LCS) for analytical batch 460-1109718 recovered outside control limits for the following analytes: Carbon disulfide, Cyclohexane, Xylenes, Total, m-Xylene & p-Xylene, Styrene, 4-Methyl-2-pentanone (MIBK), 1,1,1-Trichloroethane, Ethylene Dibromide and Methylcyclohexane. These analytes were biased high in the LCS and were within control limits in the LCSD. The data has been flagged and reported.

The following sample was diluted to bring the concentration of target analytes within the calibration range: ISS-44_C (460-351338-17). Elevated reporting limits (RLs) are provided.

An incorrect volume of surrogate spiking solution was inadvertently added the following samples: ISS-43_C (460-351338-12) and ISS-39_C (460-351338-21). Percent recoveries are based on the amount spiked.

The following samples were diluted to bring the concentration of target analytes within the calibration range: ISS-43_C (460-351338-12) and ISS-39_C (460-351338-21). Elevated reporting limits (RLs) are provided.

The continuing calibration verification (CCV) associated with batch 460-1109796 recovered above the upper control limit for Methyl acetate. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

The continuing calibration verification (CCV) analyzed in batch 460-1108993 was outside the method criteria for the following analyte: Dichlorodifluoromethane (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1109839 recovered outside control limits for the following analytes: Bromoform, Carbon tetrachloride and Chlorodibromomethane. These analytes were biased low in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Surrogate recovery for the following samples was outside control limits: ISS-38_B (460-351338-6) and ISS-39_D (460-351338-22). Evidence of matrix interference is present; therefore, re-analysis was not performed.

The continuing calibration verification (CCV) analyzed in batch 460-1109839 was outside the method criteria for the following analytes: 1,2-Dibromo-3-Chloropropane, Bromoform, Carbon tetrachloride, Chlorodibromomethane and Dichlorobromomethane (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

Method 8270E - Semivolatile Organic Compounds (GC/MS)
Samples ISS-37_0-4 (460-351338-4), ISS-38_0-4 (460-351338-9), ISS-43_0-4 (460-351338-14), ISS-44_0-4 (460-351338-18) and ISS-39_0-4 (460-351338-23) were analyzed for Semivolatile Organic Compounds (GC/MS). The samples were prepared on 5/19/2026 and analyzed on 5/20/2026.

The continuing calibration verification (CCV) analyzed in batch 460-1108715 was outside the method criteria for the following analyte(s): Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-1108857 was outside the method criteria for the following analyte(s): Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 460-1108693 and analytical batch 460-1108715 recovered outside control limits for the following analytes: Atrazine and Caprolactam. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Samples ISS-37_0-4 (460-351338-4), ISS-38_0-4 (460-351338-9), ISS-43_0-4 (460-351338-14), ISS-44_0-4 (460-351338-18) and ISS-39_0-4 (460-351338-23) were analyzed for Polychlorinated Biphenyls (PCBs) by Gas Chromatography. The samples were prepared and analyzed on 5/20/2026.

Method 8081B - Organochlorine Pesticides (GC)
Samples ISS-37_0-4 (460-351338-4), ISS-38_0-4 (460-351338-9), ISS-43_0-4 (460-351338-14), ISS-44_0-4 (460-351338-18) and ISS-39_0-4 (460-351338-23) were analyzed for Organochlorine Pesticides (GC). The samples were prepared on 5/20/2026 and analyzed on 5/21/2026.

The following samples required a copper clean-up, via EPA Method 3660B, to reduce matrix interferences: ISS-37_0-4 (460-351338-4), ISS-38_0-4 (460-351338-9), ISS-43_0-4 (460-351338-14), ISS-44_0-4 (460-351338-18) and ISS-39_0-4 (460-351338-23).

The matrix spike (MS) recoveries for preparation batch 460-1108950 and analytical batch 460-1109108 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) , laboratory control sample duplicate (LCSD) and matrix spike duplicate (MSD) recoveries are within acceptance limits. : (460-351334-C-1-E MS).

The matrix spike (MS) and matrix spike duplicate (MSD) % RPDs for preparation batch 460-1108950 and analytical batch

460-1109108 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) and laboratory recoveries are within acceptance limits. : (460-351334-C-1-F MSD).

Method 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A
Samples ISS-37_0-4 (460-351338-4), ISS-38_0-4 (460-351338-9), ISS-43_0-4 (460-351338-14), ISS-44_0-4 (460-351338-18) and ISS-39_0-4 (460-351338-23) were analyzed for Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A. The samples were prepared on 5/22/2026 and analyzed on 5/26/2026.

The recovery for labeled isotope: d5-NEtFOSAA is outside the QC acceptance limits in the opening continuing calibration verification standard associated with the following samples ISS-37_0-4 (460-351338-4), ISS-38_0-4 (460-351338-9), ISS-43_0-4 (460-351338-14), ISS-44_0-4 (460-351338-18) and ISS-39_0-4 (460-351338-23), biased high. Since the recovery for target analytes is within the limits, the data is reported.

The recovery for labeled isotope: 13C2 4:2 FTS and 13C2 6:2 FTS is outside the QC acceptance limits in the opening continuing calibration verification standard associated with the following samples ISS-37_0-4 (460-351338-4), ISS-38_0-4 (460-351338-9), ISS-43_0-4 (460-351338-14), ISS-44_0-4 (460-351338-18) and ISS-39_0-4 (460-351338-23), biased low. Since the recovery for target analytes is within the limits, the data is reported.

The recovery for labeled isotope: 13C2 4:2 FTS is outside the QC acceptance limits in the closing continuing calibration verification standard associated with the following samples ISS-37_0-4 (460-351338-4) and ISS-38_0-4 (460-351338-9), biased low. Since the recovery for target analytes is within the limits, the data is reported.

The recovery for labeled isotope: 13C2 4:2 FTS and 13C2 8:2 FTS is outside the QC acceptance limits in the closing continuing calibration verification standard associated with the following samples ISS-43_0-4 (460-351338-14), ISS-44_0-4 (460-351338-18) and ISS-39_0-4 (460-351338-23), biased low. Since the recovery for target analytes is within the limits, the data is reported.

The recovery for labeled isotope(s) d7-N-MeFOSE-M were outside QC acceptance criteria in sample ISS-43_0-4 (460-351338-14). Since the labeled isotope recoveries were greater than or equal to 5% and the signal to noise was greater than 10:1, therefore, the data is reported.

Method 6020B - Metals (ICP/MS)
Samples ISS-37_0-4 (460-351338-4), ISS-38_0-4 (460-351338-9), ISS-43_0-4 (460-351338-14), ISS-44_0-4 (460-351338-18) and ISS-39_0-4 (460-351338-23) were analyzed for Metals (ICP/MS). The samples were prepared and analyzed on 5/20/2026.

Method 7471B - Mercury (CVAA)
Samples ISS-37_0-4 (460-351338-4), ISS-38_0-4 (460-351338-9), ISS-43_0-4 (460-351338-14), ISS-44_0-4 (460-351338-18) and ISS-39_0-4 (460-351338-23) were analyzed for Mercury (CVAA). The samples were prepared and analyzed on 5/21/2026.

Method Moisture - Percent Moisture
Samples ISS-37_A (460-351338-1), ISS-37_B (460-351338-2), ISS-37_C (460-351338-3), ISS-37_0-4 (460-351338-4), ISS-38_A (460-351338-5), ISS-38_B (460-351338-6), ISS-38_C (460-351338-7), ISS-38_D (460-351338-8), ISS-38_0-4 (460-351338-9), ISS-43_A (460-351338-10), ISS-43_B (460-351338-11), ISS-43_C (460-351338-12), ISS-43_D (460-351338-13), ISS-43_0-4 (460-351338-14), ISS-44_A (460-351338-15), ISS-44_B (460-351338-16), ISS-44_C (460-351338-17), ISS-44_0-4 (460-351338-18), ISS-39_A (460-351338-19), ISS-39_B (460-351338-20), ISS-39_C (460-351338-21), ISS-39_D (460-351338-22) and ISS-39_0-4 (460-351338-23) were analyzed for Percent Moisture. The samples were analyzed on 5/19/2026.

Detection Summary

Client: Haley & Aldrich Inc
Project/Site: Former Port Mobil

Job ID: 460-351338-1

Client Sample ID: ISS-37_A — Lab Sample ID: 460-351338-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	0.00078	J	0.00090	0.00024	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: ISS-37_B — Lab Sample ID: 460-351338-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	4.5		0.10	0.024	mg/Kg	50	☼	8260D	Total/NA
1,3,5-Trimethylbenzene	1.6		0.10	0.026	mg/Kg	50	☼	8260D	Total/NA
Benzene	0.14		0.10	0.021	mg/Kg	50	☼	8260D	Total/NA
Ethylbenzene	0.97		0.10	0.031	mg/Kg	50	☼	8260D	Total/NA
Isopropylbenzene	0.16		0.10	0.033	mg/Kg	50	☼	8260D	Total/NA
Methylcyclohexane	0.42		0.10	0.075	mg/Kg	50	☼	8260D	Total/NA
m-Xylene & p-Xylene	3.8		0.10	0.029	mg/Kg	50	☼	8260D	Total/NA
n-Butylbenzene	0.45		0.10	0.028	mg/Kg	50	☼	8260D	Total/NA
N-Propylbenzene	0.73		0.10	0.030	mg/Kg	50	☼	8260D	Total/NA
o-Xylene	1.5		0.10	0.033	mg/Kg	50	☼	8260D	Total/NA
sec-Butylbenzene	0.13		0.10	0.032	mg/Kg	50	☼	8260D	Total/NA
Toluene	1.2		0.10	0.026	mg/Kg	50	☼	8260D	Total/NA
Xylenes, Total	5.3		0.21	0.029	mg/Kg	50	☼	8260D	Total/NA

Client Sample ID: ISS-37_C — Lab Sample ID: 460-351338-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.013		0.0059	0.0056	mg/Kg	1	☼	8260D	Total/NA
Methylcyclohexane	0.0063		0.00098	0.00049	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: ISS-37_0-4 — Lab Sample ID: 460-351338-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.058	J	0.36	0.0054	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.027	J	0.36	0.0065	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.013	J	0.36	0.0029	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.026	J	0.36	0.0059	mg/Kg	1	☼	8270E	Total/NA
Perfluorooctanoic acid (PFOA)	0.32		0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.98		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.14	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.45		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.20		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.32		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Aluminum	4180		19.9	5.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.4		0.99	0.060	mg/Kg	1	☼	6020B	Total/NA
Arsenic	13.1		0.99	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	33.6		2.0	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.38	J	0.40	0.022	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.31	J	0.50	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	2580		99.3	9.7	mg/Kg	1	☼	6020B	Total/NA
Chromium	9.7		2.0	0.29	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.9		0.99	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	50.7		2.0	0.37	mg/Kg	1	☼	6020B	Total/NA
Iron	12100		59.6	7.6	mg/Kg	1	☼	6020B	Total/NA
Lead	65.4		0.60	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1300		99.3	10.1	mg/Kg	1	☼	6020B	Total/NA
Manganese	121		4.0	0.40	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Client Sample ID: ISS-37_0-4 (Continued)

Lab Sample ID: 460-351338-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	6.8		2.0	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	594		99.3	6.2	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.74	J	1.2	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.26	J	0.40	0.088	mg/Kg	1	☼	6020B	Total/NA
Sodium	48.3	J	99.3	17.2	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.064	J	0.40	0.041	mg/Kg	1	☼	6020B	Total/NA
Vanadium	15.7		2.0	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	51.3		7.9	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.067		0.019	0.0066	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: ISS-38_A

Lab Sample ID: 460-351338-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.0015		0.00073	0.00018	mg/Kg	1	☼	8260D	Total/NA
1,3,5-Trimethylbenzene	0.00061	J	0.00073	0.00023	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.014		0.0036	0.00027	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.072		0.0044	0.0042	mg/Kg	1	☼	8260D	Total/NA
Carbon disulfide	0.0011		0.00073	0.00019	mg/Kg	1	☼	8260D	Total/NA
Cyclohexane	0.018		0.00073	0.00016	mg/Kg	1	☼	8260D	Total/NA
Ethylbenzene	0.0011		0.00073	0.00034	mg/Kg	1	☼	8260D	Total/NA
Isopropylbenzene	0.0016		0.00073	0.00021	mg/Kg	1	☼	8260D	Total/NA
Methylcyclohexane	0.054		0.00073	0.00036	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.0032		0.00073	0.00031	mg/Kg	1	☼	8260D	Total/NA
N-Propylbenzene	0.00072	J	0.00073	0.00033	mg/Kg	1	☼	8260D	Total/NA
o-Xylene	0.0012		0.00073	0.00034	mg/Kg	1	☼	8260D	Total/NA
sec-Butylbenzene	0.0011		0.00073	0.00021	mg/Kg	1	☼	8260D	Total/NA
tert-Butylbenzene	0.00042	J	0.00073	0.00020	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.0020		0.00073	0.00017	mg/Kg	1	☼	8260D	Total/NA
Xylenes, Total	0.0044		0.0015	0.00031	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: ISS-38_B

Lab Sample ID: 460-351338-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.10		0.00081	0.00020	mg/Kg	1	☼	8260D	Total/NA
1,3,5-Trimethylbenzene	0.033		0.00081	0.00025	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.055		0.0049	0.0046	mg/Kg	1	☼	8260D	Total/NA
Benzene	0.00098		0.00081	0.00046	mg/Kg	1	☼	8260D	Total/NA
Carbon disulfide	0.0028		0.00081	0.00022	mg/Kg	1	☼	8260D	Total/NA
Cyclohexane	0.068		0.00081	0.00018	mg/Kg	1	☼	8260D	Total/NA
Ethylbenzene	0.027		0.00081	0.00038	mg/Kg	1	☼	8260D	Total/NA
Isopropylbenzene	0.019		0.00081	0.00023	mg/Kg	1	☼	8260D	Total/NA
Methylcyclohexane	0.43		0.12	0.086	mg/Kg	50	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.096		0.00081	0.00034	mg/Kg	1	☼	8260D	Total/NA
n-Butylbenzene	0.027		0.00081	0.00024	mg/Kg	1	☼	8260D	Total/NA
N-Propylbenzene	0.041		0.00081	0.00036	mg/Kg	1	☼	8260D	Total/NA
o-Xylene	0.036		0.00081	0.00037	mg/Kg	1	☼	8260D	Total/NA
tert-Butylbenzene	0.0030		0.00081	0.00022	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.018		0.00081	0.00019	mg/Kg	1	☼	8260D	Total/NA
Xylenes, Total	0.13		0.0016	0.00034	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich Inc
Project/Site: Former Port Mobil

Job ID: 460-351338-1

Client Sample ID: ISS-38_C — Lab Sample ID: 460-351338-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.15		0.094	0.022	mg/Kg	50	☼	8260D	Total/NA
1,3,5-Trimethylbenzene	0.069	J	0.094	0.024	mg/Kg	50	☼	8260D	Total/NA
Cyclohexane	1.2		0.094	0.024	mg/Kg	50	☼	8260D	Total/NA
Ethylbenzene	0.10		0.094	0.028	mg/Kg	50	☼	8260D	Total/NA
Isopropylbenzene	0.50		0.094	0.030	mg/Kg	50	☼	8260D	Total/NA
Methylcyclohexane	8.6		0.094	0.068	mg/Kg	50	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.060	J	0.094	0.026	mg/Kg	50	☼	8260D	Total/NA
n-Butylbenzene	1.3		0.094	0.025	mg/Kg	50	☼	8260D	Total/NA
N-Propylbenzene	1.2		0.094	0.027	mg/Kg	50	☼	8260D	Total/NA
sec-Butylbenzene	0.62		0.094	0.029	mg/Kg	50	☼	8260D	Total/NA
tert-Butylbenzene	0.11		0.094	0.026	mg/Kg	50	☼	8260D	Total/NA
Xylenes, Total	0.060	J	0.19	0.026	mg/Kg	50	☼	8260D	Total/NA

Client Sample ID: ISS-38_D — Lab Sample ID: 460-351338-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.0030		0.00084	0.00021	mg/Kg	1	☼	8260D	Total/NA
1,3,5-Trimethylbenzene	0.0012		0.00084	0.00027	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.0059		0.0042	0.00031	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.032		0.0051	0.0048	mg/Kg	1	☼	8260D	Total/NA
Carbon disulfide	0.0011		0.00084	0.00022	mg/Kg	1	☼	8260D	Total/NA
Ethylbenzene	0.0019		0.00084	0.00040	mg/Kg	1	☼	8260D	Total/NA
Isopropylbenzene	0.00030	J	0.00084	0.00024	mg/Kg	1	☼	8260D	Total/NA
Methylcyclohexane	0.0018		0.00084	0.00042	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.0058		0.00084	0.00036	mg/Kg	1	☼	8260D	Total/NA
N-Propylbenzene	0.00068	J	0.00084	0.00038	mg/Kg	1	☼	8260D	Total/NA
o-Xylene	0.0020		0.00084	0.00039	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.0059		0.00084	0.00020	mg/Kg	1	☼	8260D	Total/NA
Xylenes, Total	0.0079		0.0017	0.00036	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: ISS-38_0-4 — Lab Sample ID: 460-351338-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.0075	J	0.37	0.0029	mg/Kg	1	☼	8270E	Total/NA
Perfluorononanoic acid (PFNA)	1.14		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.070	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.07		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.40		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Aluminum	4770		20.4	5.6	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.33	J	1.0	0.061	mg/Kg	1	☼	6020B	Total/NA
Arsenic	5.2		1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	24.6		2.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.37	J	0.41	0.022	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.16	J	0.51	0.12	mg/Kg	1	☼	6020B	Total/NA
Calcium	996		102	9.9	mg/Kg	1	☼	6020B	Total/NA
Chromium	10.7		2.0	0.30	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.4		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	19.4		2.0	0.37	mg/Kg	1	☼	6020B	Total/NA
Iron	13200		61.1	7.8	mg/Kg	1	☼	6020B	Total/NA
Lead	31.3		0.61	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1190		102	10.4	mg/Kg	1	☼	6020B	Total/NA
Manganese	110		4.1	0.41	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Client Sample ID: ISS-38_0-4 (Continued)

Lab Sample ID: 460-351338-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	7.3		2.0	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	739		102	6.3	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.32	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.10	J	0.41	0.091	mg/Kg	1	☼	6020B	Total/NA
Sodium	59.4	J	102	17.6	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.049	J	0.41	0.042	mg/Kg	1	☼	6020B	Total/NA
Vanadium	17.0		2.0	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	34.9		8.1	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.027		0.019	0.0067	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: ISS-43_A

Lab Sample ID: 460-351338-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	1.5		0.16	0.037	mg/Kg	50	☼	8260D	Total/NA
1,3,5-Trimethylbenzene	0.75		0.16	0.041	mg/Kg	50	☼	8260D	Total/NA
Ethylbenzene	0.11	J	0.16	0.049	mg/Kg	50	☼	8260D	Total/NA
Isopropylbenzene	0.078	J	0.16	0.052	mg/Kg	50	☼	8260D	Total/NA
Methylcyclohexane	0.83		0.16	0.12	mg/Kg	50	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.50		0.16	0.046	mg/Kg	50	☼	8260D	Total/NA
n-Butylbenzene	0.34		0.16	0.044	mg/Kg	50	☼	8260D	Total/NA
N-Propylbenzene	0.30		0.16	0.047	mg/Kg	50	☼	8260D	Total/NA
o-Xylene	0.32		0.16	0.052	mg/Kg	50	☼	8260D	Total/NA
sec-Butylbenzene	0.11	J	0.16	0.050	mg/Kg	50	☼	8260D	Total/NA
Toluene	0.098	J	0.16	0.041	mg/Kg	50	☼	8260D	Total/NA
Xylenes, Total	0.81		0.33	0.046	mg/Kg	50	☼	8260D	Total/NA

Client Sample ID: ISS-43_B

Lab Sample ID: 460-351338-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.21		0.00090	0.00022	mg/Kg	1	☼	8260D	Total/NA
1,3,5-Trimethylbenzene	0.11		0.00090	0.00028	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.0061		0.0045	0.00033	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.068		0.0054	0.0052	mg/Kg	1	☼	8260D	Total/NA
Benzene	0.00056	J	0.00090	0.00051	mg/Kg	1	☼	8260D	Total/NA
Carbon disulfide	0.0028		0.00090	0.00024	mg/Kg	1	☼	8260D	Total/NA
Ethylbenzene	0.032		0.00090	0.00042	mg/Kg	1	☼	8260D	Total/NA
Isopropylbenzene	0.0071		0.00090	0.00026	mg/Kg	1	☼	8260D	Total/NA
Methylcyclohexane	0.027		0.00090	0.00045	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.12		0.00090	0.00038	mg/Kg	1	☼	8260D	Total/NA
n-Butylbenzene	0.012		0.00090	0.00027	mg/Kg	1	☼	8260D	Total/NA
N-Propylbenzene	0.029		0.00090	0.00041	mg/Kg	1	☼	8260D	Total/NA
o-Xylene	0.052		0.00090	0.00042	mg/Kg	1	☼	8260D	Total/NA
sec-Butylbenzene	0.0046		0.00090	0.00026	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.0074		0.00090	0.00021	mg/Kg	1	☼	8260D	Total/NA
Xylenes, Total	0.17		0.0018	0.00038	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: ISS-43_C

Lab Sample ID: 460-351338-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	47		0.20	0.047	mg/Kg	100	☼	8260D	Total/NA
1,3,5-Trimethylbenzene	1.5		0.20	0.051	mg/Kg	100	☼	8260D	Total/NA
Cyclohexane	11		0.20	0.053	mg/Kg	100	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: ISS-43_C (Continued)

Lab Sample ID: 460-351338-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	9.7		0.20	0.061	mg/Kg	100	☼	8260D	Total/NA
Isopropylbenzene	6.0		0.20	0.065	mg/Kg	100	☼	8260D	Total/NA
Methylcyclohexane	91		0.20	0.15	mg/Kg	100	☼	8260D	Total/NA
m-Xylene & p-Xylene	2.4		0.20	0.057	mg/Kg	100	☼	8260D	Total/NA
n-Butylbenzene	4.8		0.20	0.055	mg/Kg	100	☼	8260D	Total/NA
N-Propylbenzene	8.0		0.20	0.059	mg/Kg	100	☼	8260D	Total/NA
o-Xylene	0.40		0.20	0.065	mg/Kg	100	☼	8260D	Total/NA
sec-Butylbenzene	3.0		0.20	0.063	mg/Kg	100	☼	8260D	Total/NA
tert-Butylbenzene	0.62		0.20	0.057	mg/Kg	100	☼	8260D	Total/NA
Toluene	0.13	J	0.20	0.051	mg/Kg	100	☼	8260D	Total/NA
Xylenes, Total	2.8		0.41	0.057	mg/Kg	100	☼	8260D	Total/NA

Client Sample ID: ISS-43_D

Lab Sample ID: 460-351338-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.00075	J	0.00079	0.00019	mg/Kg	1	☼	8260D	Total/NA
1,3,5-Trimethylbenzene	0.0015		0.00079	0.00025	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.0034	J	0.0039	0.00029	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.025		0.0047	0.0045	mg/Kg	1	☼	8260D	Total/NA
Carbon disulfide	0.0010		0.00079	0.00021	mg/Kg	1	☼	8260D	Total/NA
Cyclohexane	0.068		0.00079	0.00017	mg/Kg	1	☼	8260D	Total/NA
Ethylbenzene	0.0029		0.00079	0.00037	mg/Kg	1	☼	8260D	Total/NA
Isopropylbenzene	0.010		0.00079	0.00022	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.0016		0.00079	0.00033	mg/Kg	1	☼	8260D	Total/NA
n-Butylbenzene	0.0086		0.00079	0.00023	mg/Kg	1	☼	8260D	Total/NA
N-Propylbenzene	0.0093		0.00079	0.00035	mg/Kg	1	☼	8260D	Total/NA
o-Xylene	0.0012		0.00079	0.00036	mg/Kg	1	☼	8260D	Total/NA
sec-Butylbenzene	0.0091		0.00079	0.00023	mg/Kg	1	☼	8260D	Total/NA
tert-Butylbenzene	0.0042		0.00079	0.00022	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.0017		0.00079	0.00018	mg/Kg	1	☼	8260D	Total/NA
Xylenes, Total	0.0028		0.0016	0.00033	mg/Kg	1	☼	8260D	Total/NA
Methylcyclohexane - DL	0.51		0.14	0.10	mg/Kg	50	☼	8260D	Total/NA

Client Sample ID: ISS-43_0-4

Lab Sample ID: 460-351338-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.018	J	0.36	0.0053	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.046	J	0.36	0.0029	mg/Kg	1	☼	8270E	Total/NA
Perfluorononanoic acid (PFNA)	0.40		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.77		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.33		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.24	J	0.39	0.19	ug/Kg	1	☼	1633A	Total/NA
Aluminum	6110		20.0	5.5	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.28	J	1.0	0.060	mg/Kg	1	☼	6020B	Total/NA
Arsenic	4.8		1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	33.2		2.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.39	J	0.40	0.022	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.13	J	0.50	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	3480		100	9.7	mg/Kg	1	☼	6020B	Total/NA
Chromium	11.2		2.0	0.30	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.0		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: ISS-43_0-4 (Continued) — Lab Sample ID: 460-351338-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	22.7		2.0	0.37	mg/Kg	1	☼	6020B	Total/NA
Iron	14600		60.1	7.7	mg/Kg	1	☼	6020B	Total/NA
Lead	38.4		0.60	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1440		100	10.2	mg/Kg	1	☼	6020B	Total/NA
Manganese	135		4.0	0.40	mg/Kg	1	☼	6020B	Total/NA
Nickel	8.4		2.0	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	840		100	6.2	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.32	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Silver	0.092	J	0.40	0.089	mg/Kg	1	☼	6020B	Total/NA
Sodium	66.6	J	100	17.3	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.054	J	0.40	0.041	mg/Kg	1	☼	6020B	Total/NA
Vanadium	17.6		2.0	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	38.8		8.0	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.027		0.018	0.0063	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: ISS-44_A — Lab Sample ID: 460-351338-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.49		0.095	0.022	mg/Kg	50	☼	8260D	Total/NA
1,3,5-Trimethylbenzene	0.18		0.095	0.024	mg/Kg	50	☼	8260D	Total/NA
Ethylbenzene	0.047	J	0.095	0.028	mg/Kg	50	☼	8260D	Total/NA
Methylcyclohexane	0.84	*	0.095	0.069	mg/Kg	50	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.19	*	0.095	0.027	mg/Kg	50	☼	8260D	Total/NA
n-Butylbenzene	0.059	J	0.095	0.026	mg/Kg	50	☼	8260D	Total/NA
N-Propylbenzene	0.063	J	0.095	0.028	mg/Kg	50	☼	8260D	Total/NA
o-Xylene	0.064	J	0.095	0.030	mg/Kg	50	☼	8260D	Total/NA
Xylenes, Total	0.26	*	0.19	0.027	mg/Kg	50	☼	8260D	Total/NA

Client Sample ID: ISS-44_B — Lab Sample ID: 460-351338-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	6.9		0.11	0.026	mg/Kg	50	☼	8260D	Total/NA
1,3,5-Trimethylbenzene	2.3		0.11	0.028	mg/Kg	50	☼	8260D	Total/NA
Benzene	0.040	J	0.11	0.023	mg/Kg	50	☼	8260D	Total/NA
Ethylbenzene	1.4		0.11	0.034	mg/Kg	50	☼	8260D	Total/NA
Isopropylbenzene	0.29		0.11	0.036	mg/Kg	50	☼	8260D	Total/NA
Methylcyclohexane	0.57	*	0.11	0.082	mg/Kg	50	☼	8260D	Total/NA
m-Xylene & p-Xylene	5.3	*	0.11	0.032	mg/Kg	50	☼	8260D	Total/NA
n-Butylbenzene	0.59		0.11	0.030	mg/Kg	50	☼	8260D	Total/NA
N-Propylbenzene	1.3		0.11	0.033	mg/Kg	50	☼	8260D	Total/NA
o-Xylene	1.6		0.11	0.036	mg/Kg	50	☼	8260D	Total/NA
sec-Butylbenzene	0.19		0.11	0.035	mg/Kg	50	☼	8260D	Total/NA
Toluene	0.44		0.11	0.028	mg/Kg	50	☼	8260D	Total/NA
Xylenes, Total	6.9	*	0.23	0.032	mg/Kg	50	☼	8260D	Total/NA

Client Sample ID: ISS-44_C — Lab Sample ID: 460-351338-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	28		0.19	0.043	mg/Kg	100	☼	8260D	Total/NA
1,3,5-Trimethylbenzene	13		0.19	0.047	mg/Kg	100	☼	8260D	Total/NA
Benzene	0.13	J	0.19	0.038	mg/Kg	100	☼	8260D	Total/NA
Ethylbenzene	8.5		0.19	0.057	mg/Kg	100	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: ISS-44_C (Continued)

Lab Sample ID: 460-351338-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Isopropylbenzene	2.6		0.19	0.060	mg/Kg	100	☼	8260D	Total/NA
Methylcyclohexane	7.3	*	0.19	0.14	mg/Kg	100	☼	8260D	Total/NA
m-Xylene & p-Xylene	21	*	0.19	0.053	mg/Kg	100	☼	8260D	Total/NA
n-Butylbenzene	3.4		0.19	0.051	mg/Kg	100	☼	8260D	Total/NA
N-Propylbenzene	11		0.19	0.055	mg/Kg	100	☼	8260D	Total/NA
o-Xylene	4.0		0.19	0.060	mg/Kg	100	☼	8260D	Total/NA
sec-Butylbenzene	1.2		0.19	0.058	mg/Kg	100	☼	8260D	Total/NA
Toluene	1.7		0.19	0.047	mg/Kg	100	☼	8260D	Total/NA
Xylenes, Total	24	*	0.38	0.053	mg/Kg	100	☼	8260D	Total/NA

Client Sample ID: ISS-44_0-4

Lab Sample ID: 460-351338-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.028	J	0.38	0.0057	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.015	J	0.38	0.0031	mg/Kg	1	☼	8270E	Total/NA
Perfluorononanoic acid (PFNA)	0.30		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.083	J	0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	3.34		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.35		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.16	J	0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Aluminum	10600		21.0	5.8	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.16	J	1.0	0.063	mg/Kg	1	☼	6020B	Total/NA
Arsenic	3.8		1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	45.6		2.1	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.44		0.42	0.023	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.25	J	0.52	0.12	mg/Kg	1	☼	6020B	Total/NA
Calcium	9830		105	10.2	mg/Kg	1	☼	6020B	Total/NA
Chromium	16.3		2.1	0.31	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.7		1.0	0.16	mg/Kg	1	☼	6020B	Total/NA
Copper	21.9		2.1	0.39	mg/Kg	1	☼	6020B	Total/NA
Iron	17300		62.9	8.0	mg/Kg	1	☼	6020B	Total/NA
Lead	23.9		0.63	0.21	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2830		105	10.7	mg/Kg	1	☼	6020B	Total/NA
Manganese	228		4.2	0.42	mg/Kg	1	☼	6020B	Total/NA
Nickel	11.1		2.1	0.19	mg/Kg	1	☼	6020B	Total/NA
Potassium	1270		105	6.5	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.40	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Sodium	114		105	18.1	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.097	J	0.42	0.043	mg/Kg	1	☼	6020B	Total/NA
Vanadium	22.5		2.1	0.22	mg/Kg	1	☼	6020B	Total/NA
Zinc	57.1		8.4	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.020		0.019	0.0066	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: ISS-39_A

Lab Sample ID: 460-351338-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	2.8		0.082	0.019	mg/Kg	50	☼	8260D	Total/NA
1,3,5-Trimethylbenzene	0.87		0.082	0.021	mg/Kg	50	☼	8260D	Total/NA
Ethylbenzene	0.49		0.082	0.025	mg/Kg	50	☼	8260D	Total/NA
Isopropylbenzene	0.093		0.082	0.026	mg/Kg	50	☼	8260D	Total/NA
Methylcyclohexane	0.19	*	0.082	0.060	mg/Kg	50	☼	8260D	Total/NA
m-Xylene & p-Xylene	2.0	*	0.082	0.023	mg/Kg	50	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: ISS-39_A (Continued) — Lab Sample ID: 460-351338-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
n-Butylbenzene	0.22		0.082	0.022	mg/Kg	50	☼	8260D	Total/NA
N-Propylbenzene	0.45		0.082	0.024	mg/Kg	50	☼	8260D	Total/NA
o-Xylene	0.60		0.082	0.026	mg/Kg	50	☼	8260D	Total/NA
sec-Butylbenzene	0.070	J	0.082	0.026	mg/Kg	50	☼	8260D	Total/NA
Toluene	0.16		0.082	0.021	mg/Kg	50	☼	8260D	Total/NA
Xylenes, Total	2.6	*	0.16	0.023	mg/Kg	50	☼	8260D	Total/NA

Client Sample ID: ISS-39_B — Lab Sample ID: 460-351338-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3,5-Trimethylbenzene	0.0059		0.00076	0.00024	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.0047		0.0046	0.0044	mg/Kg	1	☼	8260D	Total/NA
Methylcyclohexane	0.0086		0.00076	0.00038	mg/Kg	1	☼	8260D	Total/NA
o-Xylene	0.0011		0.00076	0.00035	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00046	J	0.00076	0.00018	mg/Kg	1	☼	8260D	Total/NA
Xylenes, Total	0.0011	J	0.0015	0.00032	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: ISS-39_C — Lab Sample ID: 460-351338-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	190		1.7	0.39	mg/Kg	1000	☼	8260D	Total/NA
1,3,5-Trimethylbenzene	4.9		1.7	0.42	mg/Kg	1000	☼	8260D	Total/NA
Cyclohexane	75		1.7	0.44	mg/Kg	1000	☼	8260D	Total/NA
Ethylbenzene	24		1.7	0.51	mg/Kg	1000	☼	8260D	Total/NA
Isopropylbenzene	18		1.7	0.54	mg/Kg	1000	☼	8260D	Total/NA
Methylcyclohexane	530		1.7	1.2	mg/Kg	1000	☼	8260D	Total/NA
m-Xylene & p-Xylene	4.7		1.7	0.47	mg/Kg	1000	☼	8260D	Total/NA
n-Butylbenzene	12		1.7	0.46	mg/Kg	1000	☼	8260D	Total/NA
N-Propylbenzene	18		1.7	0.49	mg/Kg	1000	☼	8260D	Total/NA
o-Xylene	0.55	J	1.7	0.54	mg/Kg	1000	☼	8260D	Total/NA
sec-Butylbenzene	8.4		1.7	0.52	mg/Kg	1000	☼	8260D	Total/NA
tert-Butylbenzene	2.3		1.7	0.47	mg/Kg	1000	☼	8260D	Total/NA
Xylenes, Total	5.2		3.4	0.47	mg/Kg	1000	☼	8260D	Total/NA

Client Sample ID: ISS-39_D — Lab Sample ID: 460-351338-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.0021		0.00074	0.00018	mg/Kg	1	☼	8260D	Total/NA
1,3,5-Trimethylbenzene	0.00072	J	0.00074	0.00023	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.018		0.0037	0.00027	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.057		0.0044	0.0042	mg/Kg	1	☼	8260D	Total/NA
Carbon disulfide	0.00047	J	0.00074	0.00020	mg/Kg	1	☼	8260D	Total/NA
Cyclohexane	0.039		0.00074	0.00016	mg/Kg	1	☼	8260D	Total/NA
Ethylbenzene	0.0012		0.00074	0.00035	mg/Kg	1	☼	8260D	Total/NA
Isopropylbenzene	0.0044		0.00074	0.00021	mg/Kg	1	☼	8260D	Total/NA
Methylcyclohexane	0.12		0.00074	0.00037	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.0045		0.00074	0.00031	mg/Kg	1	☼	8260D	Total/NA
n-Butylbenzene	0.016		0.00074	0.00022	mg/Kg	1	☼	8260D	Total/NA
N-Propylbenzene	0.0064		0.00074	0.00033	mg/Kg	1	☼	8260D	Total/NA
o-Xylene	0.0013		0.00074	0.00034	mg/Kg	1	☼	8260D	Total/NA
sec-Butylbenzene	0.0098		0.00074	0.00021	mg/Kg	1	☼	8260D	Total/NA
tert-Butylbenzene	0.0011		0.00074	0.00020	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: ISS-39_D (Continued)

Lab Sample ID: 460-351338-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.0016		0.00074	0.00017	mg/Kg	1	☼	8260D	Total/NA
Xylenes, Total	0.0059		0.0015	0.00031	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: ISS-39_0-4

Lab Sample ID: 460-351338-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.029	J	0.36	0.0052	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.026	J	0.36	0.0029	mg/Kg	1	☼	8270E	Total/NA
Perfluorononanoic acid (PFNA)	0.22		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.089	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.16		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	1.23		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Aluminum	3230		19.4	5.3	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.38	J	0.97	0.058	mg/Kg	1	☼	6020B	Total/NA
Arsenic	4.4		0.97	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	25.6		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.27	J	0.39	0.021	mg/Kg	1	☼	6020B	Total/NA
Calcium	1030		96.8	9.4	mg/Kg	1	☼	6020B	Total/NA
Chromium	6.4		1.9	0.29	mg/Kg	1	☼	6020B	Total/NA
Cobalt	2.3		0.97	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	27.8		1.9	0.36	mg/Kg	1	☼	6020B	Total/NA
Iron	8390		58.1	7.4	mg/Kg	1	☼	6020B	Total/NA
Lead	47.8		0.58	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	563		96.8	9.9	mg/Kg	1	☼	6020B	Total/NA
Manganese	68.4		3.9	0.39	mg/Kg	1	☼	6020B	Total/NA
Nickel	5.9		1.9	0.17	mg/Kg	1	☼	6020B	Total/NA
Potassium	414		96.8	6.0	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.27	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.10	J	0.39	0.086	mg/Kg	1	☼	6020B	Total/NA
Sodium	35.2	J	96.8	16.8	mg/Kg	1	☼	6020B	Total/NA
Vanadium	11.1		1.9	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	22.7		7.7	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.033		0.018	0.0062	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Haley & Aldrich Inc
Job ID: 460-351338-1
Project/Site: Former Port Mobil

Client Sample ID: ISS-37_A
Lab Sample ID: 460-351338-1
Date Collected: 05/19/26 12:00
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 95.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00090	U	0.00090	0.00021	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
1,1,2,2-Tetrachloroethane	0.00090	U	0.00090	0.00047	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00090	U	0.00090	0.00027	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
1,1,2-Trichloroethane	0.00090	U	0.00090	0.00054	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
1,1-Dichloroethane	0.00090	U	0.00090	0.00054	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
1,1-Dichloroethene	0.00090	U	0.00090	0.00020	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
1,2,3-Trichlorobenzene	0.00090	U	0.00090	0.00067	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
1,2,4-Trichlorobenzene	0.00090	U	0.00090	0.00032	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
1,2,4-Trimethylbenzene	0.00090	U	0.00090	0.00022	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
1,2-Dibromo-3-Chloropropane	0.00090	U	0.00090	0.00042	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
1,2-Dichlorobenzene	0.00090	U	0.00090	0.00033	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
1,2-Dichloroethane	0.00090	U	0.00090	0.00027	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
1,2-Dichloropropane	0.00090	U	0.00090	0.00038	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
1,3,5-Trimethylbenzene	0.00090	U	0.00090	0.00028	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
1,3-Dichlorobenzene	0.00090	U	0.00090	0.00033	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
1,4-Dichlorobenzene	0.00090	U	0.00090	0.00047	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
2-Butanone (MEK)	0.0045	U	0.0045	0.00033	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
2-Hexanone	0.0045	U	0.0045	0.0015	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
4-Methyl-2-pentanone (MIBK)	0.0045	U	0.0045	0.0014	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
Acetone	0.0054	U	0.0054	0.0052	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
Benzene	0.00090	U	0.00090	0.00051	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
Bromoform	0.00090	U	0.00090	0.00038	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
Bromomethane	0.0018	U	0.0018	0.00090	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
Carbon disulfide	**0.00078**	**J**	0.00090	0.00024	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
Carbon tetrachloride	0.00090	U	0.00090	0.00035	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
Chlorobenzene	0.00090	U	0.00090	0.00046	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
Chlorobromomethane	0.00090	U	0.00090	0.00054	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
Chlorodibromomethane	0.00090	U	0.00090	0.00048	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
Chloroethane	0.00090	U	0.00090	0.00047	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
Chloroform	0.00090	U	0.00090	0.00088	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
Chloromethane	0.00090	U	0.00090	0.00039	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
cis-1,2-Dichloroethene	0.00090	U	0.00090	0.00032	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
cis-1,3-Dichloropropene	0.00090	U	0.00090	0.00025	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
Cyclohexane	0.00090	U	0.00090	0.00020	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
Dichlorobromomethane	0.00090	U	0.00090	0.00023	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
Dichlorodifluoromethane	0.00090	U	0.00090	0.00031	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
Ethylbenzene	0.00090	U	0.00090	0.00042	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
Ethylene Dibromide	0.00090	U	0.00090	0.00046	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
Isopropylbenzene	0.00090	U	0.00090	0.00026	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
Methyl acetate	0.0045	U	0.0045	0.0039	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
Methyl tert-butyl ether	0.00090	U	0.00090	0.00046	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
Methylcyclohexane	0.00090	U	0.00090	0.00045	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
Methylene Chloride	0.0018	U	0.0018	0.0010	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
m-Xylene & p-Xylene	0.00090	U	0.00090	0.00038	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
n-Butylbenzene	0.00090	U	0.00090	0.00027	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
N-Propylbenzene	0.00090	U	0.00090	0.00041	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
o-Xylene	0.00090	U	0.00090	0.00042	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
sec-Butylbenzene	0.00090	U	0.00090	0.00026	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
Styrene	0.00090	U	0.00090	0.00025	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1

Client Sample ID: ISS-37_A

Lab Sample ID: 460-351338-1

Date Collected: 05/19/26 12:00
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 95.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00090	U	0.00090	0.00025	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
Tetrachloroethene	0.00090	U	0.00090	0.00028	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
Toluene	0.00090	U	0.00090	0.00021	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
trans-1,2-Dichloroethene	0.00090	U	0.00090	0.00022	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
trans-1,3-Dichloropropene	0.00090	U	0.00090	0.00024	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
Trichloroethene	0.00090	U	0.00090	0.00029	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
Trichlorofluoromethane	0.00090	U	0.00090	0.00037	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
Vinyl chloride	0.00090	U	0.00090	0.00049	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1
Xylenes, Total	0.0018	U	0.0018	0.00038	mg/Kg	☼	05/19/26 20:58	05/20/26 23:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*	*05/19/26 20:58*	*05/20/26 23:47*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*	*05/19/26 20:58*	*05/20/26 23:47*	*1*
Dibromofluoromethane (Surr)	*105*		*65 - 139*	*05/19/26 20:58*	*05/20/26 23:47*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*05/19/26 20:58*	*05/20/26 23:47*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.5**		1.0	1.0	%			05/19/26 18:09	1
Percent Solids (EPA Moisture)	**95.5**		1.0	1.0	%			05/19/26 18:09	1

Client Sample ID: ISS-37_B

Lab Sample ID: 460-351338-2

Date Collected: 05/19/26 12:05
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 88.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.10	U	0.10	0.029	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
1,1,2,2-Tetrachloroethane	0.10	U	0.10	0.020	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.10	U	0.10	0.035	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
1,1,2-Trichloroethane	0.10	U	0.10	0.021	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
1,1-Dichloroethane	0.10	U	0.10	0.025	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
1,1-Dichloroethene	0.10	U	0.10	0.027	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
1,2,3-Trichlorobenzene	0.10	U	0.10	0.036	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
1,2,4-Trichlorobenzene	0.10	U	0.10	0.028	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
1,2,4-Trimethylbenzene	**4.5**		0.10	0.024	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
1,2-Dibromo-3-Chloropropane	0.10	U	0.10	0.022	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
1,2-Dichlorobenzene	0.10	U	0.10	0.023	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
1,2-Dichloroethane	0.10	U	0.10	0.026	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
1,2-Dichloropropane	0.10	U	0.10	0.018	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
1,3,5-Trimethylbenzene	**1.6**		0.10	0.026	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
1,3-Dichlorobenzene	0.10	U	0.10	0.034	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
1,4-Dichlorobenzene	0.10	U	0.10	0.034	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
2-Butanone (MEK)	0.51	U	0.51	0.23	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
2-Hexanone	0.51	U	0.51	0.12	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
4-Methyl-2-pentanone (MIBK)	0.51	U	0.51	0.13	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
Acetone	0.51	U	0.51	0.45	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
Benzene	**0.14**		0.10	0.021	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
Bromoform	0.10	U	0.10	0.018	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
Bromomethane	0.10	U	0.10	0.057	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50

Client Sample ID: ISS-37_B
Date Collected: 05/19/26 12:05
Date Received: 05/19/26 16:51

Lab Sample ID: 460-351338-2
Matrix: Solid
Percent Solids: 88.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.10	U	0.10	0.069	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
Carbon tetrachloride	0.10	U	0.10	0.034	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
Chlorobenzene	0.10	U	0.10	0.025	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
Chlorobromomethane	0.10	U	0.10	0.031	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
Chlorodibromomethane	0.10	U	0.10	0.023	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
Chloroethane	0.10	U	0.10	0.038	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
Chloroform	0.10	U	0.10	0.023	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
Chloromethane	0.10	U	0.10	0.041	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
cis-1,2-Dichloroethene	0.10	U	0.10	0.027	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
cis-1,3-Dichloropropene	0.10	U	0.10	0.023	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
Cyclohexane	0.10	U	0.10	0.027	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
Dichlorobromomethane	0.10	U	0.10	0.015	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
Dichlorodifluoromethane	0.10	U	0.10	0.032	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
Ethylbenzene	**0.97**		0.10	0.031	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
Ethylene Dibromide	0.10	U	0.10	0.020	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
Isopropylbenzene	**0.16**		0.10	0.033	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
Methyl acetate	0.51	U	0.51	0.080	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
Methyl tert-butyl ether	0.10	U	0.10	0.022	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
Methylcyclohexane	**0.42**		0.10	0.075	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
Methylene Chloride	0.10	U	0.10	0.022	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
m-Xylene & p-Xylene	**3.8**		0.10	0.029	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
n-Butylbenzene	**0.45**		0.10	0.028	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
N-Propylbenzene	**0.73**		0.10	0.030	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
o-Xylene	**1.5**		0.10	0.033	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
sec-Butylbenzene	**0.13**		0.10	0.032	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
Styrene	0.10	U	0.10	0.017	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
tert-Butylbenzene	0.10	U	0.10	0.029	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
Tetrachloroethene	0.10	U	0.10	0.037	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
Toluene	**1.2**		0.10	0.026	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
trans-1,2-Dichloroethene	0.10	U	0.10	0.018	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
trans-1,3-Dichloropropene	0.10	U	0.10	0.023	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
Trichloroethene	0.10	U	0.10	0.023	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
Trichlorofluoromethane	0.10	U	0.10	0.033	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
Vinyl chloride	0.10	U	0.10	0.021	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50
Xylenes, Total	**5.3**		0.21	0.029	mg/Kg	☼	05/19/26 20:48	05/23/26 15:18	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*60 - 150*	*05/19/26 20:48*	*05/23/26 15:18*	*50*
4-Bromofluorobenzene	*89*		*70 - 150*	*05/19/26 20:48*	*05/23/26 15:18*	*50*
Dibromofluoromethane (Surr)	*84*		*68 - 150*	*05/19/26 20:48*	*05/23/26 15:18*	*50*
Toluene-d8 (Surr)	*89*		*64 - 157*	*05/19/26 20:48*	*05/23/26 15:18*	*50*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.4**		1.0	1.0	%			05/19/26 18:09	1
Percent Solids (EPA Moisture)	**88.6**		1.0	1.0	%			05/19/26 18:09	1

Client Sample ID: ISS-37_C
Date Collected: 05/19/26 12:10
Date Received: 05/19/26 16:51

Lab Sample ID: 460-351338-3
Matrix: Solid
Percent Solids: 96.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00098	U	0.00098	0.00023	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
1,1,2,2-Tetrachloroethane	0.00098	U	0.00098	0.00051	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00098	U	0.00098	0.00030	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
1,1,2-Trichloroethane	0.00098	U	0.00098	0.00059	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
1,1-Dichloroethane	0.00098	U	0.00098	0.00059	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
1,1-Dichloroethene	0.00098	U	0.00098	0.00022	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
1,2,3-Trichlorobenzene	0.00098	U	0.00098	0.00073	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
1,2,4-Trichlorobenzene	0.00098	U	0.00098	0.00035	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
1,2,4-Trimethylbenzene	0.00098	U	0.00098	0.00024	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
1,2-Dibromo-3-Chloropropane	0.00098	U	0.00098	0.00045	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
1,2-Dichlorobenzene	0.00098	U	0.00098	0.00035	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
1,2-Dichloroethane	0.00098	U	0.00098	0.00029	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
1,2-Dichloropropane	0.00098	U	0.00098	0.00042	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
1,3,5-Trimethylbenzene	0.00098	U	0.00098	0.00031	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
1,3-Dichlorobenzene	0.00098	U	0.00098	0.00036	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
1,4-Dichlorobenzene	0.00098	U	0.00098	0.00051	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
2-Butanone (MEK)	0.0049	U	0.0049	0.00036	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
2-Hexanone	0.0049	U	0.0049	0.0017	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
4-Methyl-2-pentanone (MIBK)	0.0049	U	0.0049	0.0015	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
Acetone	**0.013**		0.0059	0.0056	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
Benzene	0.00098	U	0.00098	0.00056	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
Bromoform	0.00098	U	0.00098	0.00042	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
Bromomethane	0.0020	U	0.0020	0.00098	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
Carbon disulfide	0.00098	U	0.00098	0.00026	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
Carbon tetrachloride	0.00098	U	0.00098	0.00038	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
Chlorobenzene	0.00098	U	0.00098	0.00050	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
Chlorobromomethane	0.00098	U	0.00098	0.00059	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
Chlorodibromomethane	0.00098	U	0.00098	0.00053	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
Chloroethane	0.00098	U	0.00098	0.00051	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
Chloroform	0.00098	U	0.00098	0.00095	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
Chloromethane	0.00098	U	0.00098	0.00043	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
cis-1,2-Dichloroethene	0.00098	U	0.00098	0.00035	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
cis-1,3-Dichloropropene	0.00098	U	0.00098	0.00027	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
Cyclohexane	0.00098	U	0.00098	0.00022	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
Dichlorobromomethane	0.00098	U	0.00098	0.00025	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
Dichlorodifluoromethane	0.00098	U	0.00098	0.00033	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
Ethylbenzene	0.00098	U	0.00098	0.00046	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
Ethylene Dibromide	0.00098	U	0.00098	0.00050	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
Isopropylbenzene	0.00098	U	0.00098	0.00028	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
Methyl acetate	0.0049	U	0.0049	0.0042	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
Methyl tert-butyl ether	0.00098	U	0.00098	0.00050	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
Methylcyclohexane	**0.0063**		0.00098	0.00049	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
m-Xylene & p-Xylene	0.00098	U	0.00098	0.00042	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
n-Butylbenzene	0.00098	U	0.00098	0.00029	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
N-Propylbenzene	0.00098	U	0.00098	0.00044	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
o-Xylene	0.00098	U	0.00098	0.00045	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
sec-Butylbenzene	0.00098	U	0.00098	0.00028	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
Styrene	0.00098	U	0.00098	0.00027	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1

Client Sample ID: ISS-37_C
Lab Sample ID: 460-351338-3

Date Collected: 05/19/26 12:10
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 96.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00098	U	0.00098	0.00027	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
Tetrachloroethene	0.00098	U	0.00098	0.00030	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
Toluene	0.00098	U	0.00098	0.00023	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
trans-1,2-Dichloroethene	0.00098	U	0.00098	0.00024	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
trans-1,3-Dichloropropene	0.00098	U	0.00098	0.00026	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
Trichloroethene	0.00098	U	0.00098	0.00032	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
Trichlorofluoromethane	0.00098	U	0.00098	0.00040	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
Vinyl chloride	0.00098	U	0.00098	0.00054	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1
Xylenes, Total	0.0020	U	0.0020	0.00042	mg/Kg	☼	05/19/26 20:59	05/21/26 00:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 138*	*05/19/26 20:59*	*05/21/26 00:10*	*1*
4-Bromofluorobenzene	*102*		*71 - 128*	*05/19/26 20:59*	*05/21/26 00:10*	*1*
Dibromofluoromethane (Surr)	*101*		*65 - 139*	*05/19/26 20:59*	*05/21/26 00:10*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*05/19/26 20:59*	*05/21/26 00:10*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**3.2**		1.0	1.0	%			05/19/26 18:09	1
Percent Solids (EPA Moisture)	**96.8**		1.0	1.0	%			05/19/26 18:09	1

Client Sample ID: ISS-37_0-4
Lab Sample ID: 460-351338-4

Date Collected: 05/19/26 12:15
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 89.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.0032	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.0081	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
1,4-Dioxane	0.036	U	0.036	0.028	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.016	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.0070	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.017	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.011	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
2,4-Dichlorophenol	0.15	U	0.15	0.022	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
2,4-Dimethylphenol	0.36	U	0.36	0.019	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
2,4-Dinitrophenol	0.29	U	0.29	0.14	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
2,4-Dinitrotoluene	0.074	U	0.074	0.014	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
2,6-Dinitrotoluene	0.074	U	0.074	0.012	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
2-Chloronaphthalene	0.36	U	0.36	0.0040	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
2-Chlorophenol	0.36	U	0.36	0.0094	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
2-Methylnaphthalene	**0.058**	**J**	0.36	0.0054	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
2-Methylphenol	0.22	U	0.22	0.011	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
2-Nitroaniline	0.36	U	0.36	0.021	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
2-Nitrophenol	0.36	U	0.36	0.021	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
3 & 4 Methylphenol	0.22	U	0.22	0.023	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.015	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
3-Nitroaniline	0.36	U	0.36	0.026	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.025	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.0067	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1

Client: Haley & Aldrich Inc
Job ID: 460-351338-1
Project/Site: Former Port Mobil

Client Sample ID: ISS-37_0-4
Lab Sample ID: 460-351338-4
Date Collected: 05/19/26 12:15
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 89.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloro-3-methylphenol	0.36	U	0.36	0.017	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
4-Chloroaniline	0.36	U	0.36	0.017	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.0097	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
4-Methylphenol	0.36	U	0.36	0.019	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
4-Nitroaniline	0.36	U	0.36	0.023	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
4-Nitrophenol	0.74	U	0.74	0.047	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
Acenaphthene	0.36	U	0.36	0.0053	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
Acenaphthylene	0.36	U	0.36	0.0045	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
Acetophenone	0.36	U	0.36	0.015	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
Anthracene	0.36	U	0.36	0.0036	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
Atrazine	0.15	U *	0.15	0.0096	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
Benzaldehyde	0.36	U	0.36	0.016	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
Benzo[a]anthracene	0.036	U	0.036	0.0034	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
Benzo[a]pyrene	0.036	U	0.036	0.0066	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0055	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.0061	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0055	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.016	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.017	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.012	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
Butyl benzyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
Caprolactam	0.36	U *	0.36	0.023	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
Carbazole	0.36	U	0.36	0.010	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
Chrysene	0.36	U	0.36	0.0040	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.0076	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
Dibenzofuran	0.36	U	0.36	0.0058	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
Diethyl phthalate	0.36	U	0.36	0.0062	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
Dimethyl phthalate	0.36	U	0.36	0.0043	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
Di-n-butyl phthalate	0.36	U	0.36	0.0091	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
Di-n-octyl phthalate	0.36	U	0.36	0.016	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
Fluoranthene	**0.027**	**J**	0.36	0.0065	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
Fluorene	0.36	U	0.36	0.0067	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
Hexachlorobenzene	0.036	U	0.036	0.0068	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
Hexachlorobutadiene	0.074	U	0.074	0.0069	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.020	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
Hexachloroethane	0.036	U	0.036	0.0095	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.025	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
Isophorone	0.15	U	0.15	0.0085	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
Naphthalene	**0.013**	**J**	0.36	0.0029	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
Nitrobenzene	0.036	U	0.036	0.016	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.017	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.0064	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
Pentachlorophenol	0.29	U	0.29	0.025	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
Phenanthrene	0.36	U	0.36	0.0062	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
Phenol	0.22	U	0.22	0.021	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1
Pyrene	**0.026**	**J**	0.36	0.0059	mg/Kg	☼	05/19/26 20:47	05/20/26 09:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*72*		*18 - 137*	*05/19/26 20:47*	*05/20/26 09:25*	*1*
2-Fluorobiphenyl	*71*		*33 - 117*	*05/19/26 20:47*	*05/20/26 09:25*	*1*

Client Sample ID: ISS-37_0-4
Date Collected: 05/19/26 12:15
Date Received: 05/19/26 16:51

Lab Sample ID: 460-351338-4
Matrix: Solid
Percent Solids: 89.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol (Surr)	*70*		*24 - 120*	*05/19/26 20:47*	*05/20/26 09:25*	*1*
Nitrobenzene-d5 (Surr)	*66*		*27 - 120*	*05/19/26 20:47*	*05/20/26 09:25*	*1*
Phenol-d5 (Surr)	*69*		*28 - 118*	*05/19/26 20:47*	*05/20/26 09:25*	*1*
Terphenyl-d14 (Surr)	*75*		*33 - 124*	*05/19/26 20:47*	*05/20/26 09:25*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0022	U	0.0022	0.00090	mg/Kg	☼	05/20/26 10:39	05/21/26 10:45	1
4,4'-DDE	0.0022	U	0.0022	0.00057	mg/Kg	☼	05/20/26 10:39	05/21/26 10:45	1
4,4'-DDT	0.0022	U	0.0022	0.00075	mg/Kg	☼	05/20/26 10:39	05/21/26 10:45	1
Aldrin	0.0022	U	0.0022	0.00033	mg/Kg	☼	05/20/26 10:39	05/21/26 10:45	1
alpha-BHC	0.0022	U	0.0022	0.00037	mg/Kg	☼	05/20/26 10:39	05/21/26 10:45	1
beta-BHC	0.0022	U	0.0022	0.00044	mg/Kg	☼	05/20/26 10:39	05/21/26 10:45	1
Chlordane (technical)	0.074	U	0.074	0.018	mg/Kg	☼	05/20/26 10:39	05/21/26 10:45	1
cis-Chlordane	0.0022	U	0.0022	0.00023	mg/Kg	☼	05/20/26 10:39	05/21/26 10:45	1
delta-BHC	0.0022	U	0.0022	0.00031	mg/Kg	☼	05/20/26 10:39	05/21/26 10:45	1
Dieldrin	0.0022	U	0.0022	0.00063	mg/Kg	☼	05/20/26 10:39	05/21/26 10:45	1
Endosulfan I	0.0022	U	0.0022	0.00027	mg/Kg	☼	05/20/26 10:39	05/21/26 10:45	1
Endosulfan II	0.0022	U	0.0022	0.00038	mg/Kg	☼	05/20/26 10:39	05/21/26 10:45	1
Endosulfan sulfate	0.0022	U	0.0022	0.00048	mg/Kg	☼	05/20/26 10:39	05/21/26 10:45	1
Endrin	0.0022	U	0.0022	0.00022	mg/Kg	☼	05/20/26 10:39	05/21/26 10:45	1
Endrin aldehyde	0.0022	U	0.0022	0.00044	mg/Kg	☼	05/20/26 10:39	05/21/26 10:45	1
Endrin ketone	0.0022	U	0.0022	0.00034	mg/Kg	☼	05/20/26 10:39	05/21/26 10:45	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00021	mg/Kg	☼	05/20/26 10:39	05/21/26 10:45	1
Heptachlor	0.0022	U	0.0022	0.00027	mg/Kg	☼	05/20/26 10:39	05/21/26 10:45	1
Heptachlor epoxide	0.0022	U	0.0022	0.00042	mg/Kg	☼	05/20/26 10:39	05/21/26 10:45	1
Methoxychlor	0.0022	U	0.0022	0.00084	mg/Kg	☼	05/20/26 10:39	05/21/26 10:45	1
Toxaphene	0.074	U	0.074	0.027	mg/Kg	☼	05/20/26 10:39	05/21/26 10:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*104*		*10 - 150*	*05/20/26 10:39*	*05/21/26 10:45*	*1*
DCB Decachlorobiphenyl	*90*		*10 - 150*	*05/20/26 10:39*	*05/21/26 10:45*	*1*
Tetrachloro-m-xylene	*73*		*14 - 150*	*05/20/26 10:39*	*05/21/26 10:45*	*1*
Tetrachloro-m-xylene	*72*		*14 - 150*	*05/20/26 10:39*	*05/21/26 10:45*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.074	U	0.074	0.020	mg/Kg	☼	05/20/26 10:37	05/20/26 22:05	1
Aroclor 1221	0.074	U	0.074	0.020	mg/Kg	☼	05/20/26 10:37	05/20/26 22:05	1
Aroclor 1232	0.074	U	0.074	0.020	mg/Kg	☼	05/20/26 10:37	05/20/26 22:05	1
Aroclor 1242	0.074	U	0.074	0.020	mg/Kg	☼	05/20/26 10:37	05/20/26 22:05	1
Aroclor 1248	0.074	U	0.074	0.020	mg/Kg	☼	05/20/26 10:37	05/20/26 22:05	1
Aroclor 1254	0.074	U	0.074	0.020	mg/Kg	☼	05/20/26 10:37	05/20/26 22:05	1
Aroclor 1260	0.074	U	0.074	0.020	mg/Kg	☼	05/20/26 10:37	05/20/26 22:05	1
Aroclor-1262	0.074	U	0.074	0.020	mg/Kg	☼	05/20/26 10:37	05/20/26 22:05	1
Aroclor 1268	0.074	U	0.074	0.020	mg/Kg	☼	05/20/26 10:37	05/20/26 22:05	1
Polychlorinated biphenyls, Total	0.074	U	0.074	0.020	mg/Kg	☼	05/20/26 10:37	05/20/26 22:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*104*		*10 - 150*	*05/20/26 10:37*	*05/20/26 22:05*	*1*

Client Sample ID: ISS-37_0-4
Lab Sample ID: 460-351338-4
Date Collected: 05/19/26 12:15
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 89.9

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*113*		*10 - 150*	*05/20/26 10:37*	*05/20/26 22:05*	*1*
Tetrachloro-m-xylene	*90*		*10 - 150*	*05/20/26 10:37*	*05/20/26 22:05*	*1*
Tetrachloro-m-xylene	*71*		*10 - 150*	*05/20/26 10:37*	*05/20/26 22:05*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.098	ug/Kg	☼	05/22/26 14:24	05/26/26 20:56	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.098	ug/Kg	☼	05/22/26 14:24	05/26/26 20:56	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.098	ug/Kg	☼	05/22/26 14:24	05/26/26 20:56	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.098	ug/Kg	☼	05/22/26 14:24	05/26/26 20:56	1
Perfluorooctanoic acid (PFOA)	**0.32**		0.20	0.059	ug/Kg	☼	05/22/26 14:24	05/26/26 20:56	1
Perfluorononanoic acid (PFNA)	**0.98**		0.20	0.098	ug/Kg	☼	05/22/26 14:24	05/26/26 20:56	1
Perfluorodecanoic acid (PFDA)	**0.14**	**J**	0.20	0.059	ug/Kg	☼	05/22/26 14:24	05/26/26 20:56	1
Perfluoroundecanoic acid (PFUnA)	**0.45**		0.20	0.098	ug/Kg	☼	05/22/26 14:24	05/26/26 20:56	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.098	ug/Kg	☼	05/22/26 14:24	05/26/26 20:56	1
Perfluorotridecanoic acid (PFTrDA)	**0.20**		0.20	0.098	ug/Kg	☼	05/22/26 14:24	05/26/26 20:56	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.098	ug/Kg	☼	05/22/26 14:24	05/26/26 20:56	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.098	ug/Kg	☼	05/22/26 14:24	05/26/26 20:56	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.098	ug/Kg	☼	05/22/26 14:24	05/26/26 20:56	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.098	ug/Kg	☼	05/22/26 14:24	05/26/26 20:56	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.098	ug/Kg	☼	05/22/26 14:24	05/26/26 20:56	1
Perfluorooctanesulfonic acid (PFOS)	**0.32**		0.20	0.098	ug/Kg	☼	05/22/26 14:24	05/26/26 20:56	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.098	ug/Kg	☼	05/22/26 14:24	05/26/26 20:56	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.098	ug/Kg	☼	05/22/26 14:24	05/26/26 20:56	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.098	ug/Kg	☼	05/22/26 14:24	05/26/26 20:56	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	05/22/26 14:24	05/26/26 20:56	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	05/22/26 14:24	05/26/26 20:56	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	05/22/26 14:24	05/26/26 20:56	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	05/22/26 14:24	05/26/26 20:56	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	05/22/26 14:24	05/26/26 20:56	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	05/22/26 14:24	05/26/26 20:56	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	05/22/26 14:24	05/26/26 20:56	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	05/22/26 14:24	05/26/26 20:56	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	05/22/26 14:24	05/26/26 20:56	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	05/22/26 14:24	05/26/26 20:56	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.098	ug/Kg	☼	05/22/26 14:24	05/26/26 20:56	1

Client Sample ID: ISS-37_0-4
Date Collected: 05/19/26 12:15
Date Received: 05/19/26 16:51

Lab Sample ID: 460-351338-4
Matrix: Solid
Percent Solids: 89.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.098	ug/Kg	☼	05/22/26 14:24	05/26/26 20:56	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.098	ug/Kg	☼	05/22/26 14:24	05/26/26 20:56	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.098	ug/Kg	☼	05/22/26 14:24	05/26/26 20:56	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.098	ug/Kg	☼	05/22/26 14:24	05/26/26 20:56	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.098	ug/Kg	☼	05/22/26 14:24	05/26/26 20:56	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.098	ug/Kg	☼	05/22/26 14:24	05/26/26 20:56	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.098	ug/Kg	☼	05/22/26 14:24	05/26/26 20:56	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	05/22/26 14:24	05/26/26 20:56	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	05/22/26 14:24	05/26/26 20:56	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	05/22/26 14:24	05/26/26 20:56	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*101*		*8 - 130*	*05/22/26 14:24*	*05/26/26 20:56*	*1*
13C5 PFPeA	*103*		*35 - 130*	*05/22/26 14:24*	*05/26/26 20:56*	*1*
13C5 PFHxA	*101*		*40 - 130*	*05/22/26 14:24*	*05/26/26 20:56*	*1*
13C4 PFHpA	*109*		*40 - 130*	*05/22/26 14:24*	*05/26/26 20:56*	*1*
13C8 PFOA	*93.2*		*40 - 130*	*05/22/26 14:24*	*05/26/26 20:56*	*1*
13C9 PFNA	*91.6*		*40 - 130*	*05/22/26 14:24*	*05/26/26 20:56*	*1*
13C6 PFDA	*84.1*		*40 - 130*	*05/22/26 14:24*	*05/26/26 20:56*	*1*
13C7 PFUnA	*77.6*		*40 - 130*	*05/22/26 14:24*	*05/26/26 20:56*	*1*
13C2 PFTeDA	*59.5*		*20 - 130*	*05/22/26 14:24*	*05/26/26 20:56*	*1*
13C3 PFBS	*95.2*		*40 - 135*	*05/22/26 14:24*	*05/26/26 20:56*	*1*
13C3 PFHxS	*86.6*		*40 - 130*	*05/22/26 14:24*	*05/26/26 20:56*	*1*
13C8 PFOS	*83.7*		*40 - 130*	*05/22/26 14:24*	*05/26/26 20:56*	*1*
13C8 FOSA	*95.4*		*40 - 130*	*05/22/26 14:24*	*05/26/26 20:56*	*1*
d3-NMeFOSAA	*84.1*		*40 - 135*	*05/22/26 14:24*	*05/26/26 20:56*	*1*
d5-NEtFOSAA	*103*		*40 - 150*	*05/22/26 14:24*	*05/26/26 20:56*	*1*
13C2 4:2 FTS	*71.1*		*40 - 165*	*05/22/26 14:24*	*05/26/26 20:56*	*1*
13C2 6:2 FTS	*79.8*		*40 - 215*	*05/22/26 14:24*	*05/26/26 20:56*	*1*
13C2 8:2 FTS	*83.8*		*40 - 275*	*05/22/26 14:24*	*05/26/26 20:56*	*1*
13C3 HFPO-DA	*101*		*40 - 130*	*05/22/26 14:24*	*05/26/26 20:56*	*1*
d7-N-MeFOSE-M	*31.0*		*20 - 130*	*05/22/26 14:24*	*05/26/26 20:56*	*1*
d9-N-EtFOSE-M	*24.7*		*15 - 130*	*05/22/26 14:24*	*05/26/26 20:56*	*1*
d5-NEtPFOSA	*51.0*		*10 - 130*	*05/22/26 14:24*	*05/26/26 20:56*	*1*
d3-NMePFOSA	*53.8*		*10 - 130*	*05/22/26 14:24*	*05/26/26 20:56*	*1*
13C2 PFDoA	*69.9*		*40 - 130*	*05/22/26 14:24*	*05/26/26 20:56*	*1*
13C3-3:3 FTCA	*113*		*20 - 150*	*05/22/26 14:24*	*05/26/26 20:56*	*1*
13C3-5:3 FTCA	*80.6*		*20 - 150*	*05/22/26 14:24*	*05/26/26 20:56*	*1*
13C3-PFDoS	*49.7*		*20 - 150*	*05/22/26 14:24*	*05/26/26 20:56*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**4180**		19.9	5.5	mg/Kg	☼	05/20/26 06:32	05/20/26 13:42	1

Client Sample ID: ISS-37_0-4

Lab Sample ID: 460-351338-4

Date Collected: 05/19/26 12:15
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 89.9

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.4		0.99	0.060	mg/Kg	☼	05/20/26 06:32	05/20/26 13:42	1
Arsenic	13.1		0.99	0.10	mg/Kg	☼	05/20/26 06:32	05/20/26 13:42	1
Barium	33.6		2.0	0.14	mg/Kg	☼	05/20/26 06:32	05/20/26 13:42	1
Beryllium	0.38	J	0.40	0.022	mg/Kg	☼	05/20/26 06:32	05/20/26 13:42	1
Cadmium	0.31	J	0.50	0.11	mg/Kg	☼	05/20/26 06:32	05/20/26 13:42	1
Calcium	2580		99.3	9.7	mg/Kg	☼	05/20/26 06:32	05/20/26 13:42	1
Chromium	9.7		2.0	0.29	mg/Kg	☼	05/20/26 06:32	05/20/26 13:42	1
Cobalt	4.9		0.99	0.15	mg/Kg	☼	05/20/26 06:32	05/20/26 13:42	1
Copper	50.7		2.0	0.37	mg/Kg	☼	05/20/26 06:32	05/20/26 13:42	1
Iron	12100		59.6	7.6	mg/Kg	☼	05/20/26 06:32	05/20/26 13:42	1
Lead	65.4		0.60	0.20	mg/Kg	☼	05/20/26 06:32	05/20/26 13:42	1
Magnesium	1300		99.3	10.1	mg/Kg	☼	05/20/26 06:32	05/20/26 13:42	1
Manganese	121		4.0	0.40	mg/Kg	☼	05/20/26 06:32	05/20/26 13:42	1
Nickel	6.8		2.0	0.18	mg/Kg	☼	05/20/26 06:32	05/20/26 13:42	1
Potassium	594		99.3	6.2	mg/Kg	☼	05/20/26 06:32	05/20/26 13:42	1
Selenium	0.74	J	1.2	0.13	mg/Kg	☼	05/20/26 06:32	05/20/26 13:42	1
Silver	0.26	J	0.40	0.088	mg/Kg	☼	05/20/26 06:32	05/20/26 13:42	1
Sodium	48.3	J	99.3	17.2	mg/Kg	☼	05/20/26 06:32	05/20/26 13:42	1
Thallium	0.064	J	0.40	0.041	mg/Kg	☼	05/20/26 06:32	05/20/26 13:42	1
Vanadium	15.7		2.0	0.20	mg/Kg	☼	05/20/26 06:32	05/20/26 13:42	1
Zinc	51.3		7.9	1.1	mg/Kg	☼	05/20/26 06:32	05/20/26 13:42	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.067		0.019	0.0066	mg/Kg	☼	05/21/26 01:28	05/21/26 07:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	10.1		1.0	1.0	%			05/19/26 18:47	1
Percent Solids (EPA Moisture)	89.9		1.0	1.0	%			05/19/26 18:47	1

Client Sample ID: ISS-38_A

Lab Sample ID: 460-351338-5

Date Collected: 05/19/26 12:20
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 93.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00073	U	0.00073	0.00017	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
1,1,2,2-Tetrachloroethane	0.00073	U	0.00073	0.00038	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00073	U	0.00073	0.00022	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
1,1,2-Trichloroethane	0.00073	U	0.00073	0.00044	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
1,1-Dichloroethane	0.00073	U	0.00073	0.00043	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
1,1-Dichloroethene	0.00073	U	0.00073	0.00016	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
1,2,3-Trichlorobenzene	0.00073	U	0.00073	0.00054	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
1,2,4-Trichlorobenzene	0.00073	U	0.00073	0.00026	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
1,2,4-Trimethylbenzene	0.0015		0.00073	0.00018	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
1,2-Dibromo-3-Chloropropane	0.00073	U	0.00073	0.00033	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
1,2-Dichlorobenzene	0.00073	U	0.00073	0.00026	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
1,2-Dichloroethane	0.00073	U	0.00073	0.00022	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
1,2-Dichloropropane	0.00073	U	0.00073	0.00031	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1

Client Sample ID: ISS-38_A — **Lab Sample ID: 460-351338-5**
Date Collected: 05/19/26 12:20 — **Matrix: Solid**
Date Received: 05/19/26 16:51 — **Percent Solids: 93.1**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	**0.00061**	**J**	0.00073	0.00023	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
1,3-Dichlorobenzene	0.00073	U	0.00073	0.00027	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
1,4-Dichlorobenzene	0.00073	U	0.00073	0.00038	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
2-Butanone (MEK)	**0.014**		0.0036	0.00027	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
2-Hexanone	0.0036	U	0.0036	0.0012	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
4-Methyl-2-pentanone (MIBK)	0.0036	U	0.0036	0.0011	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
Acetone	**0.072**		0.0044	0.0042	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
Benzene	0.00073	U	0.00073	0.00041	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
Bromoform	0.00073	U	0.00073	0.00031	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
Bromomethane	0.0015	U	0.0015	0.00073	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
Carbon disulfide	**0.0011**		0.00073	0.00019	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
Carbon tetrachloride	0.00073	U	0.00073	0.00028	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
Chlorobenzene	0.00073	U	0.00073	0.00037	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
Chlorobromomethane	0.00073	U	0.00073	0.00043	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
Chlorodibromomethane	0.00073	U	0.00073	0.00039	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
Chloroethane	0.00073	U	0.00073	0.00038	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
Chloroform	0.00073	U	0.00073	0.00071	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
Chloromethane	0.00073	U	0.00073	0.00032	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
cis-1,2-Dichloroethene	0.00073	U	0.00073	0.00026	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
cis-1,3-Dichloropropene	0.00073	U	0.00073	0.00020	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
Cyclohexane	**0.018**		0.00073	0.00016	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
Dichlorobromomethane	0.00073	U	0.00073	0.00019	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
Dichlorodifluoromethane	0.00073	U	0.00073	0.00025	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
Ethylbenzene	**0.0011**		0.00073	0.00034	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
Ethylene Dibromide	0.00073	U	0.00073	0.00037	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
Isopropylbenzene	**0.0016**		0.00073	0.00021	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
Methyl acetate	0.0036	U	0.0036	0.0031	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
Methyl tert-butyl ether	0.00073	U	0.00073	0.00037	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
Methylcyclohexane	**0.054**		0.00073	0.00036	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
Methylene Chloride	0.0015	U	0.0015	0.00083	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
m-Xylene & p-Xylene	**0.0032**		0.00073	0.00031	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
n-Butylbenzene	0.00073	U	0.00073	0.00021	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
N-Propylbenzene	**0.00072**	**J**	0.00073	0.00033	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
o-Xylene	**0.0012**		0.00073	0.00034	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
sec-Butylbenzene	**0.0011**		0.00073	0.00021	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
Styrene	0.00073	U	0.00073	0.00020	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
tert-Butylbenzene	**0.00042**	**J**	0.00073	0.00020	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
Tetrachloroethene	0.00073	U	0.00073	0.00022	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
Toluene	**0.0020**		0.00073	0.00017	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
trans-1,2-Dichloroethene	0.00073	U	0.00073	0.00018	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
trans-1,3-Dichloropropene	0.00073	U	0.00073	0.00019	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
Trichloroethene	0.00073	U	0.00073	0.00023	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
Trichlorofluoromethane	0.00073	U	0.00073	0.00030	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
Vinyl chloride	0.00073	U	0.00073	0.00040	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1
Xylenes, Total	**0.0044**		0.0015	0.00031	mg/Kg	☼	05/19/26 20:59	05/21/26 00:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*65 - 138*	*05/19/26 20:59*	*05/21/26 00:33*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*	*05/19/26 20:59*	*05/21/26 00:33*	*1*
Dibromofluoromethane (Surr)	*94*		*65 - 139*	*05/19/26 20:59*	*05/21/26 00:33*	*1*

Client Sample ID: ISS-38_A
Lab Sample ID: 460-351338-5

Date Collected: 05/19/26 12:20
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 93.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*103*		*71 - 126*	*05/19/26 20:59*	*05/21/26 00:33*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.9**		1.0	1.0	%			05/19/26 18:09	1
Percent Solids (EPA Moisture)	**93.1**		1.0	1.0	%			05/19/26 18:09	1

Client Sample ID: ISS-38_B
Lab Sample ID: 460-351338-6

Date Collected: 05/19/26 12:25
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 91.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00081	U	0.00081	0.00019	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
1,1,2,2-Tetrachloroethane	0.00081	U	0.00081	0.00042	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00081	U	0.00081	0.00024	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
1,1,2-Trichloroethane	0.00081	U	0.00081	0.00049	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
1,1-Dichloroethane	0.00081	U	0.00081	0.00048	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
1,1-Dichloroethene	0.00081	U	0.00081	0.00018	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
1,2,3-Trichlorobenzene	0.00081	U	0.00081	0.00060	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
1,2,4-Trichlorobenzene	0.00081	U	0.00081	0.00029	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
1,2,4-Trimethylbenzene	**0.10**		0.00081	0.00020	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
1,2-Dibromo-3-Chloropropane	0.00081	U	0.00081	0.00037	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
1,2-Dichlorobenzene	0.00081	U	0.00081	0.00029	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
1,2-Dichloroethane	0.00081	U	0.00081	0.00024	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
1,2-Dichloropropane	0.00081	U	0.00081	0.00034	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
1,3,5-Trimethylbenzene	**0.033**		0.00081	0.00025	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
1,3-Dichlorobenzene	0.00081	U	0.00081	0.00030	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
1,4-Dichlorobenzene	0.00081	U	0.00081	0.00042	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
2-Butanone (MEK)	0.0041	U	0.0041	0.00030	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
2-Hexanone	0.0041	U	0.0041	0.0014	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
4-Methyl-2-pentanone (MIBK)	0.0041	U	0.0041	0.0013	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
Acetone	**0.055**		0.0049	0.0046	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
Benzene	**0.00098**		0.00081	0.00046	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
Bromoform	0.00081	U *	0.00081	0.00034	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
Bromomethane	0.0016	U	0.0016	0.00081	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
Carbon disulfide	**0.0028**		0.00081	0.00022	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
Carbon tetrachloride	0.00081	U *	0.00081	0.00031	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
Chlorobenzene	0.00081	U	0.00081	0.00041	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
Chlorobromomethane	0.00081	U	0.00081	0.00048	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
Chlorodibromomethane	0.00081	U *	0.00081	0.00044	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
Chloroethane	0.00081	U	0.00081	0.00042	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
Chloroform	0.00081	U	0.00081	0.00079	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
Chloromethane	0.00081	U	0.00081	0.00035	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
cis-1,2-Dichloroethene	0.00081	U	0.00081	0.00029	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
cis-1,3-Dichloropropene	0.00081	U	0.00081	0.00022	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
Cyclohexane	**0.068**		0.00081	0.00018	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
Dichlorobromomethane	0.00081	U	0.00081	0.00021	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
Dichlorodifluoromethane	0.00081	U	0.00081	0.00027	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
Ethylbenzene	**0.027**		0.00081	0.00038	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1

Client Sample ID: ISS-38_B

Lab Sample ID: 460-351338-6

Date Collected: 05/19/26 12:25
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 91.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.00081	U	0.00081	0.00041	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
Isopropylbenzene	**0.019**		0.00081	0.00023	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
Methyl acetate	0.0041	U	0.0041	0.0035	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
Methyl tert-butyl ether	0.00081	U	0.00081	0.00042	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
Methylcyclohexane	**0.43**		0.12	0.086	mg/Kg	☼	05/19/26 20:49	05/26/26 16:54	50
Methylene Chloride	0.0016	U	0.0016	0.00093	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
m-Xylene & p-Xylene	**0.096**		0.00081	0.00034	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
n-Butylbenzene	**0.027**		0.00081	0.00024	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
N-Propylbenzene	**0.041**		0.00081	0.00036	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
o-Xylene	**0.036**		0.00081	0.00037	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
sec-Butylbenzene	0.00081	U	0.00081	0.00023	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
Styrene	0.00081	U	0.00081	0.00023	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
tert-Butylbenzene	**0.0030**		0.00081	0.00022	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
Tetrachloroethene	0.00081	U	0.00081	0.00025	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
Toluene	**0.018**		0.00081	0.00019	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
trans-1,2-Dichloroethene	0.00081	U	0.00081	0.00020	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
trans-1,3-Dichloropropene	0.00081	U	0.00081	0.00022	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
Trichloroethene	0.00081	U	0.00081	0.00026	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
Trichlorofluoromethane	0.00081	U	0.00081	0.00033	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
Vinyl chloride	0.00081	U	0.00081	0.00044	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1
Xylenes, Total	**0.13**		0.0016	0.00034	mg/Kg	☼	05/19/26 21:00	05/26/26 14:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*	*05/19/26 21:00*	*05/26/26 14:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*120*		*60 - 150*	*05/19/26 20:49*	*05/26/26 16:54*	*50*
4-Bromofluorobenzene	*98*		*71 - 128*	*05/19/26 21:00*	*05/26/26 14:04*	*1*
4-Bromofluorobenzene	*121*		*70 - 150*	*05/19/26 20:49*	*05/26/26 16:54*	*50*
Dibromofluoromethane (Surr)	*96*		*65 - 139*	*05/19/26 21:00*	*05/26/26 14:04*	*1*
Dibromofluoromethane (Surr)	*113*		*68 - 150*	*05/19/26 20:49*	*05/26/26 16:54*	*50*
Toluene-d8 (Surr)	*140*	*	*71 - 126*	*05/19/26 21:00*	*05/26/26 14:04*	*1*
Toluene-d8 (Surr)	*108*		*64 - 157*	*05/19/26 20:49*	*05/26/26 16:54*	*50*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.8**		1.0	1.0	%			05/19/26 18:09	1
Percent Solids (EPA Moisture)	**91.2**		1.0	1.0	%			05/19/26 18:09	1

Client Sample ID: ISS-38_C

Lab Sample ID: 460-351338-7

Date Collected: 05/19/26 12:30
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 93.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.094	U	0.094	0.026	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
1,1,2,2-Tetrachloroethane	0.094	U	0.094	0.019	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.094	U	0.094	0.032	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
1,1,2-Trichloroethane	0.094	U	0.094	0.019	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
1,1-Dichloroethane	0.094	U	0.094	0.023	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
1,1-Dichloroethene	0.094	U	0.094	0.025	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
1,2,3-Trichlorobenzene	0.094	U	0.094	0.033	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50

Client Sample ID: ISS-38_C
Date Collected: 05/19/26 12:30
Date Received: 05/19/26 16:51

Lab Sample ID: 460-351338-7
Matrix: Solid
Percent Solids: 93.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.094	U	0.094	0.025	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
1,2,4-Trimethylbenzene	**0.15**		0.094	0.022	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
1,2-Dibromo-3-Chloropropane	0.094	U	0.094	0.020	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
1,2-Dichlorobenzene	0.094	U	0.094	0.021	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
1,2-Dichloroethane	0.094	U	0.094	0.024	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
1,2-Dichloropropane	0.094	U	0.094	0.017	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
1,3,5-Trimethylbenzene	**0.069**	**J**	0.094	0.024	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
1,3-Dichlorobenzene	0.094	U	0.094	0.031	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
1,4-Dichlorobenzene	0.094	U	0.094	0.031	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
2-Butanone (MEK)	0.47	U	0.47	0.21	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
2-Hexanone	0.47	U	0.47	0.11	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
4-Methyl-2-pentanone (MIBK)	0.47	U	0.47	0.12	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
Acetone	0.47	U	0.47	0.42	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
Benzene	0.094	U	0.094	0.019	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
Bromoform	0.094	U	0.094	0.017	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
Bromomethane	0.094	U	0.094	0.052	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
Carbon disulfide	0.094	U	0.094	0.063	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
Carbon tetrachloride	0.094	U	0.094	0.031	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
Chlorobenzene	0.094	U	0.094	0.023	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
Chlorobromomethane	0.094	U	0.094	0.028	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
Chlorodibromomethane	0.094	U	0.094	0.021	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
Chloroethane	0.094	U	0.094	0.035	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
Chloroform	0.094	U	0.094	0.021	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
Chloromethane	0.094	U	0.094	0.038	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
cis-1,2-Dichloroethene	0.094	U	0.094	0.024	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
cis-1,3-Dichloropropene	0.094	U	0.094	0.021	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
Cyclohexane	**1.2**		0.094	0.024	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
Dichlorobromomethane	0.094	U	0.094	0.014	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
Dichlorodifluoromethane	0.094	U	0.094	0.029	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
Ethylbenzene	**0.10**		0.094	0.028	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
Ethylene Dibromide	0.094	U	0.094	0.018	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
Isopropylbenzene	**0.50**		0.094	0.030	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
Methyl acetate	0.47	U	0.47	0.074	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
Methyl tert-butyl ether	0.094	U	0.094	0.020	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
Methylcyclohexane	**8.6**		0.094	0.068	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
Methylene Chloride	0.094	U	0.094	0.020	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
m-Xylene & p-Xylene	**0.060**	**J**	0.094	0.026	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
n-Butylbenzene	**1.3**		0.094	0.025	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
N-Propylbenzene	**1.2**		0.094	0.027	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
o-Xylene	0.094	U	0.094	0.030	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
sec-Butylbenzene	**0.62**		0.094	0.029	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
Styrene	0.094	U	0.094	0.016	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
tert-Butylbenzene	**0.11**		0.094	0.026	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
Tetrachloroethene	0.094	U	0.094	0.034	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
Toluene	0.094	U	0.094	0.024	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
trans-1,2-Dichloroethene	0.094	U	0.094	0.017	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
trans-1,3-Dichloropropene	0.094	U	0.094	0.021	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
Trichloroethene	0.094	U	0.094	0.021	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
Trichlorofluoromethane	0.094	U	0.094	0.030	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50

Client Sample ID: ISS-38_C

Lab Sample ID: 460-351338-7

Date Collected: 05/19/26 12:30
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 93.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.094	U	0.094	0.019	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50
Xylenes, Total	**0.060**	**J**	0.19	0.026	mg/Kg	☼	05/19/26 20:49	05/23/26 15:42	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*60 - 150*	*05/19/26 20:49*	*05/23/26 15:42*	*50*
4-Bromofluorobenzene	*85*		*70 - 150*	*05/19/26 20:49*	*05/23/26 15:42*	*50*
Dibromofluoromethane (Surr)	*80*		*68 - 150*	*05/19/26 20:49*	*05/23/26 15:42*	*50*
Toluene-d8 (Surr)	*85*		*64 - 157*	*05/19/26 20:49*	*05/23/26 15:42*	*50*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.3**		1.0	1.0	%			05/19/26 18:09	1
Percent Solids (EPA Moisture)	**93.7**		1.0	1.0	%			05/19/26 18:09	1

Client Sample ID: ISS-38_D

Lab Sample ID: 460-351338-8

Date Collected: 05/19/26 12:35
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 95.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00084	U	0.00084	0.00020	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
1,1,2,2-Tetrachloroethane	0.00084	U	0.00084	0.00044	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00084	U	0.00084	0.00025	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
1,1,2-Trichloroethane	0.00084	U	0.00084	0.00051	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
1,1-Dichloroethane	0.00084	U	0.00084	0.00050	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
1,1-Dichloroethene	0.00084	U	0.00084	0.00019	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
1,2,3-Trichlorobenzene	0.00084	U	0.00084	0.00062	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
1,2,4-Trichlorobenzene	0.00084	U	0.00084	0.00030	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
1,2,4-Trimethylbenzene	**0.0030**		0.00084	0.00021	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
1,2-Dibromo-3-Chloropropane	0.00084	U	0.00084	0.00039	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
1,2-Dichlorobenzene	0.00084	U	0.00084	0.00030	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
1,2-Dichloroethane	0.00084	U	0.00084	0.00025	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
1,2-Dichloropropane	0.00084	U	0.00084	0.00036	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
1,3,5-Trimethylbenzene	**0.0012**		0.00084	0.00027	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
1,3-Dichlorobenzene	0.00084	U	0.00084	0.00031	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
1,4-Dichlorobenzene	0.00084	U	0.00084	0.00044	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
2-Butanone (MEK)	**0.0059**		0.0042	0.00031	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
2-Hexanone	0.0042	U	0.0042	0.0014	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
4-Methyl-2-pentanone (MIBK)	0.0042	U	0.0042	0.0013	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
Acetone	**0.032**		0.0051	0.0048	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
Benzene	0.00084	U	0.00084	0.00048	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
Bromoform	0.00084	U	0.00084	0.00036	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
Bromomethane	0.0017	U	0.0017	0.00084	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
Carbon disulfide	**0.0011**		0.00084	0.00022	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
Carbon tetrachloride	0.00084	U	0.00084	0.00033	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
Chlorobenzene	0.00084	U	0.00084	0.00043	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
Chlorobromomethane	0.00084	U	0.00084	0.00050	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
Chlorodibromomethane	0.00084	U	0.00084	0.00045	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
Chloroethane	0.00084	U	0.00084	0.00044	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
Chloroform	0.00084	U	0.00084	0.00082	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1

Client Sample ID: ISS-38_D

Lab Sample ID: 460-351338-8

Date Collected: 05/19/26 12:35
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 95.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.00084	U	0.00084	0.00037	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
cis-1,2-Dichloroethene	0.00084	U	0.00084	0.00030	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
cis-1,3-Dichloropropene	0.00084	U	0.00084	0.00023	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
Cyclohexane	0.00084	U	0.00084	0.00019	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
Dichlorobromomethane	0.00084	U	0.00084	0.00022	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
Dichlorodifluoromethane	0.00084	U	0.00084	0.00029	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
Ethylbenzene	**0.0019**		0.00084	0.00040	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
Ethylene Dibromide	0.00084	U	0.00084	0.00043	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
Isopropylbenzene	**0.00030**	**J**	0.00084	0.00024	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
Methyl acetate	0.0042	U	0.0042	0.0036	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
Methyl tert-butyl ether	0.00084	U	0.00084	0.00043	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
Methylcyclohexane	**0.0018**		0.00084	0.00042	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
Methylene Chloride	0.0017	U	0.0017	0.00097	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
m-Xylene & p-Xylene	**0.0058**		0.00084	0.00036	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
n-Butylbenzene	0.00084	U	0.00084	0.00025	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
N-Propylbenzene	**0.00068**	**J**	0.00084	0.00038	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
o-Xylene	**0.0020**		0.00084	0.00039	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
sec-Butylbenzene	0.00084	U	0.00084	0.00024	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
Styrene	0.00084	U	0.00084	0.00023	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
tert-Butylbenzene	0.00084	U	0.00084	0.00023	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
Tetrachloroethene	0.00084	U	0.00084	0.00026	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
Toluene	**0.0059**		0.00084	0.00020	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
trans-1,2-Dichloroethene	0.00084	U	0.00084	0.00021	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
trans-1,3-Dichloropropene	0.00084	U	0.00084	0.00022	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
Trichloroethene	0.00084	U	0.00084	0.00027	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
Trichlorofluoromethane	0.00084	U	0.00084	0.00034	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
Vinyl chloride	0.00084	U	0.00084	0.00046	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1
Xylenes, Total	**0.0079**		0.0017	0.00036	mg/Kg	☼	05/19/26 21:01	05/21/26 01:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*65 - 138*	*05/19/26 21:01*	*05/21/26 01:20*	*1*
4-Bromofluorobenzene	*90*		*71 - 128*	*05/19/26 21:01*	*05/21/26 01:20*	*1*
Dibromofluoromethane (Surr)	*95*		*65 - 139*	*05/19/26 21:01*	*05/21/26 01:20*	*1*
Toluene-d8 (Surr)	*105*		*71 - 126*	*05/19/26 21:01*	*05/21/26 01:20*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.9**		1.0	1.0	%			05/19/26 18:09	1
Percent Solids (EPA Moisture)	**95.1**		1.0	1.0	%			05/19/26 18:09	1

Client Sample ID: ISS-38_0-4

Lab Sample ID: 460-351338-9

Date Collected: 05/19/26 12:40
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 90.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.37	U	0.37	0.0032	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.0082	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
1,4-Dioxane	0.037	U	0.037	0.028	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.016	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1

Client Sample ID: ISS-38_0-4
Lab Sample ID: 460-351338-9
Date Collected: 05/19/26 12:40
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 90.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.0070	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.017	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.011	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
2,4-Dichlorophenol	0.15	U	0.15	0.022	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
2,4-Dimethylphenol	0.37	U	0.37	0.019	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
2,4-Dinitrophenol	0.29	U	0.29	0.14	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
2,4-Dinitrotoluene	0.074	U	0.074	0.014	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
2,6-Dinitrotoluene	0.074	U	0.074	0.013	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
2-Chloronaphthalene	0.37	U	0.37	0.0040	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
2-Chlorophenol	0.37	U	0.37	0.0094	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
2-Methylnaphthalene	0.37	U	0.37	0.0054	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
2-Methylphenol	0.22	U	0.22	0.011	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
2-Nitroaniline	0.37	U	0.37	0.021	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
2-Nitrophenol	0.37	U	0.37	0.021	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
3 & 4 Methylphenol	0.22	U	0.22	0.023	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.015	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
3-Nitroaniline	0.37	U	0.37	0.026	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.025	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.0067	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.017	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
4-Chloroaniline	0.37	U	0.37	0.017	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.0097	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
4-Methylphenol	0.37	U	0.37	0.019	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
4-Nitroaniline	0.37	U	0.37	0.024	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
4-Nitrophenol	0.74	U	0.74	0.047	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
Acenaphthene	0.37	U	0.37	0.0054	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
Acenaphthylene	0.37	U	0.37	0.0045	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
Acetophenone	0.37	U	0.37	0.015	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
Anthracene	0.37	U	0.37	0.0036	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
Atrazine	0.15	U *	0.15	0.0096	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
Benzaldehyde	0.37	U	0.37	0.016	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
Benzo[a]anthracene	0.037	U	0.037	0.0034	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
Benzo[a]pyrene	0.037	U	0.037	0.0067	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
Benzo[b]fluoranthene	0.037	U	0.037	0.0055	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
Benzo[g,h,i]perylene	0.37	U	0.37	0.0061	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
Benzo[k]fluoranthene	0.037	U	0.037	0.0055	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.016	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.017	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.012	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
Butyl benzyl phthalate	0.37	U	0.37	0.012	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
Caprolactam	0.37	U *	0.37	0.023	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
Carbazole	0.37	U	0.37	0.010	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
Chrysene	0.37	U	0.37	0.0040	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
Dibenz(a,h)anthracene	0.037	U	0.037	0.0076	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
Dibenzofuran	0.37	U	0.37	0.0058	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
Diethyl phthalate	0.37	U	0.37	0.0062	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
Dimethyl phthalate	0.37	U	0.37	0.0043	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
Di-n-butyl phthalate	0.37	U	0.37	0.0091	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
Di-n-octyl phthalate	0.37	U	0.37	0.016	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1

Client Sample ID: ISS-38_0-4
Date Collected: 05/19/26 12:40
Date Received: 05/19/26 16:51

Lab Sample ID: 460-351338-9
Matrix: Solid
Percent Solids: 90.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	0.37	U	0.37	0.0065	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
Fluorene	0.37	U	0.37	0.0067	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
Hexachlorobenzene	0.037	U	0.037	0.0068	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
Hexachlorobutadiene	0.074	U	0.074	0.0069	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.020	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
Hexachloroethane	0.037	U	0.037	0.0095	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
Indeno[1,2,3-cd]pyrene	0.037	U	0.037	0.025	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
Isophorone	0.15	U	0.15	0.0085	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
Naphthalene	**0.0075**	**J**	0.37	0.0029	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
Nitrobenzene	0.037	U	0.037	0.017	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.017	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.0064	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
Pentachlorophenol	0.29	U	0.29	0.025	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
Phenanthrene	0.37	U	0.37	0.0062	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
Phenol	0.22	U	0.22	0.021	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1
Pyrene	0.37	U	0.37	0.0059	mg/Kg	☼	05/19/26 20:47	05/20/26 07:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*71*		*18 - 137*	*05/19/26 20:47*	*05/20/26 07:37*	*1*
2-Fluorobiphenyl	*65*		*33 - 117*	*05/19/26 20:47*	*05/20/26 07:37*	*1*
2-Fluorophenol (Surr)	*66*		*24 - 120*	*05/19/26 20:47*	*05/20/26 07:37*	*1*
Nitrobenzene-d5 (Surr)	*63*		*27 - 120*	*05/19/26 20:47*	*05/20/26 07:37*	*1*
Phenol-d5 (Surr)	*65*		*28 - 118*	*05/19/26 20:47*	*05/20/26 07:37*	*1*
Terphenyl-d14 (Surr)	*73*		*33 - 124*	*05/19/26 20:47*	*05/20/26 07:37*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0022	U	0.0022	0.00090	mg/Kg	☼	05/20/26 10:39	05/21/26 10:58	1
4,4'-DDE	0.0022	U	0.0022	0.00057	mg/Kg	☼	05/20/26 10:39	05/21/26 10:58	1
4,4'-DDT	0.0022	U	0.0022	0.00075	mg/Kg	☼	05/20/26 10:39	05/21/26 10:58	1
Aldrin	0.0022	U	0.0022	0.00033	mg/Kg	☼	05/20/26 10:39	05/21/26 10:58	1
alpha-BHC	0.0022	U	0.0022	0.00037	mg/Kg	☼	05/20/26 10:39	05/21/26 10:58	1
beta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	☼	05/20/26 10:39	05/21/26 10:58	1
Chlordane (technical)	0.074	U	0.074	0.018	mg/Kg	☼	05/20/26 10:39	05/21/26 10:58	1
cis-Chlordane	0.0022	U	0.0022	0.00023	mg/Kg	☼	05/20/26 10:39	05/21/26 10:58	1
delta-BHC	0.0022	U	0.0022	0.00031	mg/Kg	☼	05/20/26 10:39	05/21/26 10:58	1
Dieldrin	0.0022	U	0.0022	0.00064	mg/Kg	☼	05/20/26 10:39	05/21/26 10:58	1
Endosulfan I	0.0022	U	0.0022	0.00027	mg/Kg	☼	05/20/26 10:39	05/21/26 10:58	1
Endosulfan II	0.0022	U	0.0022	0.00038	mg/Kg	☼	05/20/26 10:39	05/21/26 10:58	1
Endosulfan sulfate	0.0022	U	0.0022	0.00049	mg/Kg	☼	05/20/26 10:39	05/21/26 10:58	1
Endrin	0.0022	U	0.0022	0.00022	mg/Kg	☼	05/20/26 10:39	05/21/26 10:58	1
Endrin aldehyde	0.0022	U	0.0022	0.00044	mg/Kg	☼	05/20/26 10:39	05/21/26 10:58	1
Endrin ketone	0.0022	U	0.0022	0.00034	mg/Kg	☼	05/20/26 10:39	05/21/26 10:58	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00022	mg/Kg	☼	05/20/26 10:39	05/21/26 10:58	1
Heptachlor	0.0022	U	0.0022	0.00027	mg/Kg	☼	05/20/26 10:39	05/21/26 10:58	1
Heptachlor epoxide	0.0022	U	0.0022	0.00042	mg/Kg	☼	05/20/26 10:39	05/21/26 10:58	1
Methoxychlor	0.0022	U	0.0022	0.00084	mg/Kg	☼	05/20/26 10:39	05/21/26 10:58	1
Toxaphene	0.074	U	0.074	0.027	mg/Kg	☼	05/20/26 10:39	05/21/26 10:58	1

Client Sample ID: ISS-38_0-4
Date Collected: 05/19/26 12:40
Date Received: 05/19/26 16:51

Lab Sample ID: 460-351338-9
Matrix: Solid
Percent Solids: 90.1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*105*		*10 - 150*	*05/20/26 10:39*	*05/21/26 10:58*	*1*
DCB Decachlorobiphenyl	*98*		*10 - 150*	*05/20/26 10:39*	*05/21/26 10:58*	*1*
Tetrachloro-m-xylene	*76*		*14 - 150*	*05/20/26 10:39*	*05/21/26 10:58*	*1*
Tetrachloro-m-xylene	*79*		*14 - 150*	*05/20/26 10:39*	*05/21/26 10:58*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.074	U	0.074	0.020	mg/Kg	☼	05/20/26 10:37	05/20/26 22:22	1
Aroclor 1221	0.074	U	0.074	0.020	mg/Kg	☼	05/20/26 10:37	05/20/26 22:22	1
Aroclor 1232	0.074	U	0.074	0.020	mg/Kg	☼	05/20/26 10:37	05/20/26 22:22	1
Aroclor 1242	0.074	U	0.074	0.020	mg/Kg	☼	05/20/26 10:37	05/20/26 22:22	1
Aroclor 1248	0.074	U	0.074	0.020	mg/Kg	☼	05/20/26 10:37	05/20/26 22:22	1
Aroclor 1254	0.074	U	0.074	0.020	mg/Kg	☼	05/20/26 10:37	05/20/26 22:22	1
Aroclor 1260	0.074	U	0.074	0.020	mg/Kg	☼	05/20/26 10:37	05/20/26 22:22	1
Aroclor-1262	0.074	U	0.074	0.020	mg/Kg	☼	05/20/26 10:37	05/20/26 22:22	1
Aroclor 1268	0.074	U	0.074	0.020	mg/Kg	☼	05/20/26 10:37	05/20/26 22:22	1
Polychlorinated biphenyls, Total	0.074	U	0.074	0.020	mg/Kg	☼	05/20/26 10:37	05/20/26 22:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*98*		*10 - 150*	*05/20/26 10:37*	*05/20/26 22:22*	*1*
DCB Decachlorobiphenyl	*117*		*10 - 150*	*05/20/26 10:37*	*05/20/26 22:22*	*1*
Tetrachloro-m-xylene	*90*		*10 - 150*	*05/20/26 10:37*	*05/20/26 22:22*	*1*
Tetrachloro-m-xylene	*86*		*10 - 150*	*05/20/26 10:37*	*05/20/26 22:22*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 21:10	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 21:10	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 21:10	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 21:10	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.059	ug/Kg	☼	05/22/26 14:24	05/26/26 21:10	1
Perfluorononanoic acid (PFNA)	**1.14**		0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 21:10	1
Perfluorodecanoic acid (PFDA)	**0.070**	**J**	0.20	0.059	ug/Kg	☼	05/22/26 14:24	05/26/26 21:10	1
Perfluoroundecanoic acid (PFUnA)	**1.07**		0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 21:10	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 21:10	1
Perfluorotridecanoic acid (PFTrDA)	**0.40**		0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 21:10	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 21:10	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 21:10	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 21:10	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 21:10	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 21:10	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 21:10	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 21:10	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 21:10	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 21:10	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	05/22/26 14:24	05/26/26 21:10	1

Client Sample ID: ISS-38_0-4
Date Collected: 05/19/26 12:40
Date Received: 05/19/26 16:51

Lab Sample ID: 460-351338-9
Matrix: Solid
Percent Solids: 90.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	05/22/26 14:24	05/26/26 21:10	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	05/22/26 14:24	05/26/26 21:10	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 21:10	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 21:10	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 21:10	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 21:10	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 21:10	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	05/22/26 14:24	05/26/26 21:10	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	05/22/26 14:24	05/26/26 21:10	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 21:10	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 21:10	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 21:10	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 21:10	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 21:10	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 21:10	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 21:10	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 21:10	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	05/22/26 14:24	05/26/26 21:10	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	05/22/26 14:24	05/26/26 21:10	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	05/22/26 14:24	05/26/26 21:10	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*87.0*		*8 - 130*	*05/22/26 14:24*	*05/26/26 21:10*	*1*
13C5 PFPeA	*96.3*		*35 - 130*	*05/22/26 14:24*	*05/26/26 21:10*	*1*
13C5 PFHxA	*91.4*		*40 - 130*	*05/22/26 14:24*	*05/26/26 21:10*	*1*
13C4 PFHpA	*92.2*		*40 - 130*	*05/22/26 14:24*	*05/26/26 21:10*	*1*
13C8 PFOA	*83.1*		*40 - 130*	*05/22/26 14:24*	*05/26/26 21:10*	*1*
13C9 PFNA	*87.0*		*40 - 130*	*05/22/26 14:24*	*05/26/26 21:10*	*1*
13C6 PFDA	*70.9*		*40 - 130*	*05/22/26 14:24*	*05/26/26 21:10*	*1*
13C7 PFUnA	*61.7*		*40 - 130*	*05/22/26 14:24*	*05/26/26 21:10*	*1*
13C2 PFTeDA	*53.5*		*20 - 130*	*05/22/26 14:24*	*05/26/26 21:10*	*1*
13C3 PFBS	*84.6*		*40 - 135*	*05/22/26 14:24*	*05/26/26 21:10*	*1*
13C3 PFHxS	*78.7*		*40 - 130*	*05/22/26 14:24*	*05/26/26 21:10*	*1*
13C8 PFOS	*72.3*		*40 - 130*	*05/22/26 14:24*	*05/26/26 21:10*	*1*
13C8 FOSA	*65.0*		*40 - 130*	*05/22/26 14:24*	*05/26/26 21:10*	*1*
d3-NMeFOSAA	*49.4*		*40 - 135*	*05/22/26 14:24*	*05/26/26 21:10*	*1*

Client Sample ID: ISS-38_0-4
Date Collected: 05/19/26 12:40
Date Received: 05/19/26 16:51

Lab Sample ID: 460-351338-9
Matrix: Solid
Percent Solids: 90.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	54.5		40 - 150	05/22/26 14:24	05/26/26 21:10	1
13C2 4:2 FTS	59.5		40 - 165	05/22/26 14:24	05/26/26 21:10	1
13C2 6:2 FTS	54.9		40 - 215	05/22/26 14:24	05/26/26 21:10	1
13C2 8:2 FTS	49.1		40 - 275	05/22/26 14:24	05/26/26 21:10	1
13C3 HFPO-DA	94.2		40 - 130	05/22/26 14:24	05/26/26 21:10	1
d7-N-MeFOSE-M	30.1		20 - 130	05/22/26 14:24	05/26/26 21:10	1
d9-N-EtFOSE-M	27.6		15 - 130	05/22/26 14:24	05/26/26 21:10	1
d5-NEtPFOSA	47.4		10 - 130	05/22/26 14:24	05/26/26 21:10	1
d3-NMePFOSA	52.9		10 - 130	05/22/26 14:24	05/26/26 21:10	1
13C2 PFDoA	56.8		40 - 130	05/22/26 14:24	05/26/26 21:10	1
13C3-3:3 FTCA	101		20 - 150	05/22/26 14:24	05/26/26 21:10	1
13C3-5:3 FTCA	82.5		20 - 150	05/22/26 14:24	05/26/26 21:10	1
13C3-PFDoS	46.5		20 - 150	05/22/26 14:24	05/26/26 21:10	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4770		20.4	5.6	mg/Kg	☼	05/20/26 06:32	05/20/26 13:45	1
Antimony	0.33	J	1.0	0.061	mg/Kg	☼	05/20/26 06:32	05/20/26 13:45	1
Arsenic	5.2		1.0	0.10	mg/Kg	☼	05/20/26 06:32	05/20/26 13:45	1
Barium	24.6		2.0	0.15	mg/Kg	☼	05/20/26 06:32	05/20/26 13:45	1
Beryllium	0.37	J	0.41	0.022	mg/Kg	☼	05/20/26 06:32	05/20/26 13:45	1
Cadmium	0.16	J	0.51	0.12	mg/Kg	☼	05/20/26 06:32	05/20/26 13:45	1
Calcium	996		102	9.9	mg/Kg	☼	05/20/26 06:32	05/20/26 13:45	1
Chromium	10.7		2.0	0.30	mg/Kg	☼	05/20/26 06:32	05/20/26 13:45	1
Cobalt	5.4		1.0	0.15	mg/Kg	☼	05/20/26 06:32	05/20/26 13:45	1
Copper	19.4		2.0	0.37	mg/Kg	☼	05/20/26 06:32	05/20/26 13:45	1
Iron	13200		61.1	7.8	mg/Kg	☼	05/20/26 06:32	05/20/26 13:45	1
Lead	31.3		0.61	0.20	mg/Kg	☼	05/20/26 06:32	05/20/26 13:45	1
Magnesium	1190		102	10.4	mg/Kg	☼	05/20/26 06:32	05/20/26 13:45	1
Manganese	110		4.1	0.41	mg/Kg	☼	05/20/26 06:32	05/20/26 13:45	1
Nickel	7.3		2.0	0.18	mg/Kg	☼	05/20/26 06:32	05/20/26 13:45	1
Potassium	739		102	6.3	mg/Kg	☼	05/20/26 06:32	05/20/26 13:45	1
Selenium	0.32	J	1.3	0.13	mg/Kg	☼	05/20/26 06:32	05/20/26 13:45	1
Silver	0.10	J	0.41	0.091	mg/Kg	☼	05/20/26 06:32	05/20/26 13:45	1
Sodium	59.4	J	102	17.6	mg/Kg	☼	05/20/26 06:32	05/20/26 13:45	1
Thallium	0.049	J	0.41	0.042	mg/Kg	☼	05/20/26 06:32	05/20/26 13:45	1
Vanadium	17.0		2.0	0.21	mg/Kg	☼	05/20/26 06:32	05/20/26 13:45	1
Zinc	34.9		8.1	1.1	mg/Kg	☼	05/20/26 06:32	05/20/26 13:45	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.027		0.019	0.0067	mg/Kg	☼	05/21/26 01:28	05/21/26 07:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	9.9		1.0	1.0	%			05/19/26 18:47	1
Percent Solids (EPA Moisture)	90.1		1.0	1.0	%			05/19/26 18:47	1

Client Sample ID: ISS-43_A
Date Collected: 05/19/26 12:45
Date Received: 05/19/26 16:51

Lab Sample ID: 460-351338-10
Matrix: Solid
Percent Solids: 91.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.16	U	0.16	0.046	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
1,1,2,2-Tetrachloroethane	0.16	U	0.16	0.032	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.16	U	0.16	0.055	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
1,1,2-Trichloroethane	0.16	U	0.16	0.033	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
1,1-Dichloroethane	0.16	U	0.16	0.039	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
1,1-Dichloroethene	0.16	U	0.16	0.043	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
1,2,3-Trichlorobenzene	0.16	U	0.16	0.057	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
1,2,4-Trichlorobenzene	0.16	U	0.16	0.044	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
1,2,4-Trimethylbenzene	**1.5**		0.16	0.037	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
1,2-Dibromo-3-Chloropropane	0.16	U	0.16	0.035	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
1,2-Dichlorobenzene	0.16	U	0.16	0.036	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
1,2-Dichloroethane	0.16	U	0.16	0.041	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
1,2-Dichloropropane	0.16	U	0.16	0.029	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
1,3,5-Trimethylbenzene	**0.75**		0.16	0.041	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
1,3-Dichlorobenzene	0.16	U	0.16	0.054	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
1,4-Dichlorobenzene	0.16	U	0.16	0.054	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
2-Butanone (MEK)	0.81	U	0.81	0.36	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
2-Hexanone	0.81	U	0.81	0.18	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
4-Methyl-2-pentanone (MIBK)	0.81	U	0.81	0.21	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
Acetone	0.81	U	0.81	0.72	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
Benzene	0.16	U	0.16	0.033	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
Bromoform	0.16	U	0.16	0.029	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
Bromomethane	0.16	U	0.16	0.090	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
Carbon disulfide	0.16	U	0.16	0.11	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
Carbon tetrachloride	0.16	U	0.16	0.054	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
Chlorobenzene	0.16	U	0.16	0.039	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
Chlorobromomethane	0.16	U	0.16	0.049	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
Chlorodibromomethane	0.16	U	0.16	0.036	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
Chloroethane	0.16	U	0.16	0.060	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
Chloroform	0.16	U	0.16	0.036	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
Chloromethane	0.16	U	0.16	0.065	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
cis-1,2-Dichloroethene	0.16	U	0.16	0.042	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
cis-1,3-Dichloropropene	0.16	U	0.16	0.036	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
Cyclohexane	0.16	U	0.16	0.042	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
Dichlorobromomethane	0.16	U	0.16	0.024	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
Dichlorodifluoromethane	0.16	U	0.16	0.050	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
Ethylbenzene	**0.11**	**J**	0.16	0.049	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
Ethylene Dibromide	0.16	U	0.16	0.031	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
Isopropylbenzene	**0.078**	**J**	0.16	0.052	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
Methyl acetate	0.81	U	0.81	0.13	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
Methyl tert-butyl ether	0.16	U	0.16	0.035	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
Methylcyclohexane	**0.83**		0.16	0.12	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
Methylene Chloride	0.16	U	0.16	0.034	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
m-Xylene & p-Xylene	**0.50**		0.16	0.046	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
n-Butylbenzene	**0.34**		0.16	0.044	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
N-Propylbenzene	**0.30**		0.16	0.047	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
o-Xylene	**0.32**		0.16	0.052	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
sec-Butylbenzene	**0.11**	**J**	0.16	0.050	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
Styrene	0.16	U	0.16	0.028	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50

Client Sample ID: ISS-43_A

Lab Sample ID: 460-351338-10

Date Collected: 05/19/26 12:45
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 91.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.16	U	0.16	0.046	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
Tetrachloroethene	0.16	U	0.16	0.059	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
Toluene	**0.098**	**J**	0.16	0.041	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
trans-1,2-Dichloroethene	0.16	U	0.16	0.029	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
trans-1,3-Dichloropropene	0.16	U	0.16	0.036	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
Trichloroethene	0.16	U	0.16	0.036	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
Trichlorofluoromethane	0.16	U	0.16	0.052	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
Vinyl chloride	0.16	U	0.16	0.033	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50
Xylenes, Total	**0.81**		0.33	0.046	mg/Kg	☼	05/19/26 20:50	05/23/26 16:07	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*60 - 150*	*05/19/26 20:50*	*05/23/26 16:07*	*50*
4-Bromofluorobenzene	*94*		*70 - 150*	*05/19/26 20:50*	*05/23/26 16:07*	*50*
Dibromofluoromethane (Surr)	*91*		*68 - 150*	*05/19/26 20:50*	*05/23/26 16:07*	*50*
Toluene-d8 (Surr)	*93*		*64 - 157*	*05/19/26 20:50*	*05/23/26 16:07*	*50*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.3**		1.0	1.0	%			05/19/26 18:09	1
Percent Solids (EPA Moisture)	**91.7**		1.0	1.0	%			05/19/26 18:09	1

Client Sample ID: ISS-43_B

Lab Sample ID: 460-351338-11

Date Collected: 05/19/26 12:50
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 90.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00090	U	0.00090	0.00021	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
1,1,2,2-Tetrachloroethane	0.00090	U	0.00090	0.00047	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00090	U	0.00090	0.00027	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
1,1,2-Trichloroethane	0.00090	U	0.00090	0.00054	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
1,1-Dichloroethane	0.00090	U	0.00090	0.00054	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
1,1-Dichloroethene	0.00090	U	0.00090	0.00020	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
1,2,3-Trichlorobenzene	0.00090	U	0.00090	0.00067	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
1,2,4-Trichlorobenzene	0.00090	U	0.00090	0.00032	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
1,2,4-Trimethylbenzene	**0.21**		0.00090	0.00022	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
1,2-Dibromo-3-Chloropropane	0.00090	U	0.00090	0.00042	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
1,2-Dichlorobenzene	0.00090	U	0.00090	0.00033	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
1,2-Dichloroethane	0.00090	U	0.00090	0.00027	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
1,2-Dichloropropane	0.00090	U	0.00090	0.00038	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
1,3,5-Trimethylbenzene	**0.11**		0.00090	0.00028	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
1,3-Dichlorobenzene	0.00090	U	0.00090	0.00033	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
1,4-Dichlorobenzene	0.00090	U	0.00090	0.00047	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
2-Butanone (MEK)	**0.0061**		0.0045	0.00033	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
2-Hexanone	0.0045	U	0.0045	0.0015	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
4-Methyl-2-pentanone (MIBK)	0.0045	U	0.0045	0.0014	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
Acetone	**0.068**		0.0054	0.0052	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
Benzene	**0.00056**	**J**	0.00090	0.00051	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
Bromoform	0.00090	U	0.00090	0.00038	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
Bromomethane	0.0018	U	0.0018	0.00090	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1

Client Sample ID: ISS-43_B
Date Collected: 05/19/26 12:50
Date Received: 05/19/26 16:51

Lab Sample ID: 460-351338-11
Matrix: Solid
Percent Solids: 90.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	**0.0028**		0.00090	0.00024	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
Carbon tetrachloride	0.00090	U	0.00090	0.00035	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
Chlorobenzene	0.00090	U	0.00090	0.00046	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
Chlorobromomethane	0.00090	U	0.00090	0.00054	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
Chlorodibromomethane	0.00090	U	0.00090	0.00048	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
Chloroethane	0.00090	U	0.00090	0.00047	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
Chloroform	0.00090	U	0.00090	0.00088	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
Chloromethane	0.00090	U	0.00090	0.00039	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
cis-1,2-Dichloroethene	0.00090	U	0.00090	0.00032	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
cis-1,3-Dichloropropene	0.00090	U	0.00090	0.00025	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
Cyclohexane	0.00090	U	0.00090	0.00020	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
Dichlorobromomethane	0.00090	U	0.00090	0.00023	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
Dichlorodifluoromethane	0.00090	U	0.00090	0.00031	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
Ethylbenzene	**0.032**		0.00090	0.00042	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
Ethylene Dibromide	0.00090	U	0.00090	0.00045	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
Isopropylbenzene	**0.0071**		0.00090	0.00026	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
Methyl acetate	0.0045	U	0.0045	0.0039	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
Methyl tert-butyl ether	0.00090	U	0.00090	0.00046	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
Methylcyclohexane	**0.027**		0.00090	0.00045	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
Methylene Chloride	0.0018	U	0.0018	0.0010	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
m-Xylene & p-Xylene	**0.12**		0.00090	0.00038	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
n-Butylbenzene	**0.012**		0.00090	0.00027	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
N-Propylbenzene	**0.029**		0.00090	0.00041	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
o-Xylene	**0.052**		0.00090	0.00042	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
sec-Butylbenzene	**0.0046**		0.00090	0.00026	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
Styrene	0.00090	U	0.00090	0.00025	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
tert-Butylbenzene	0.00090	U	0.00090	0.00025	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
Tetrachloroethene	0.00090	U	0.00090	0.00028	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
Toluene	**0.0074**		0.00090	0.00021	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
trans-1,2-Dichloroethene	0.00090	U	0.00090	0.00022	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
trans-1,3-Dichloropropene	0.00090	U	0.00090	0.00024	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
Trichloroethene	0.00090	U	0.00090	0.00029	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
Trichlorofluoromethane	0.00090	U	0.00090	0.00037	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
Vinyl chloride	0.00090	U	0.00090	0.00049	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1
Xylenes, Total	**0.17**		0.0018	0.00038	mg/Kg	☼	05/19/26 21:02	05/21/26 01:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*65 - 138*	*05/19/26 21:02*	*05/21/26 01:43*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*05/19/26 21:02*	*05/21/26 01:43*	*1*
Dibromofluoromethane (Surr)	*92*		*65 - 139*	*05/19/26 21:02*	*05/21/26 01:43*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*	*05/19/26 21:02*	*05/21/26 01:43*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.6**		1.0	1.0	%			05/19/26 18:09	1
Percent Solids (EPA Moisture)	**90.4**		1.0	1.0	%			05/19/26 18:09	1

Client Sample ID: ISS-43_C
Date Collected: 05/19/26 13:00
Date Received: 05/19/26 16:51

Lab Sample ID: 460-351338-12
Matrix: Solid
Percent Solids: 80.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.20	U	0.20	0.057	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.040	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
1,1,2-Trichloro-1,2,2-trifluoroethane	0.20	U	0.20	0.069	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
1,1,2-Trichloroethane	0.20	U	0.20	0.042	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
1,1-Dichloroethane	0.20	U	0.20	0.049	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
1,1-Dichloroethene	0.20	U	0.20	0.054	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
1,2,3-Trichlorobenzene	0.20	U	0.20	0.071	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
1,2,4-Trichlorobenzene	0.20	U	0.20	0.055	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
1,2,4-Trimethylbenzene	**47**		0.20	0.047	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
1,2-Dibromo-3-Chloropropane	0.20	U	0.20	0.043	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
1,2-Dichlorobenzene	0.20	U	0.20	0.045	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
1,2-Dichloroethane	0.20	U	0.20	0.051	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
1,2-Dichloropropane	0.20	U	0.20	0.037	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
1,3,5-Trimethylbenzene	**1.5**		0.20	0.051	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
1,3-Dichlorobenzene	0.20	U	0.20	0.067	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
1,4-Dichlorobenzene	0.20	U	0.20	0.068	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
2-Butanone (MEK)	1.0	U	1.0	0.45	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
2-Hexanone	1.0	U	1.0	0.23	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
4-Methyl-2-pentanone (MIBK)	1.0	U	1.0	0.27	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
Acetone	1.0	U	1.0	0.90	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
Benzene	0.20	U	0.20	0.041	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
Bromoform	0.20	U	0.20	0.037	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
Bromomethane	0.20	U	0.20	0.11	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
Carbon disulfide	0.20	U	0.20	0.14	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
Carbon tetrachloride	0.20	U	0.20	0.067	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
Chlorobenzene	0.20	U	0.20	0.049	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
Chlorobromomethane	0.20	U	0.20	0.061	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
Chlorodibromomethane	0.20	U	0.20	0.045	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
Chloroethane	0.20	U	0.20	0.076	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
Chloroform	0.20	U	0.20	0.045	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
Chloromethane	0.20	U	0.20	0.082	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
cis-1,2-Dichloroethene	0.20	U	0.20	0.053	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
Cyclohexane	**11**		0.20	0.053	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
Dichlorobromomethane	0.20	U	0.20	0.031	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
Dichlorodifluoromethane	0.20	U	0.20	0.063	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
Ethylbenzene	**9.7**		0.20	0.061	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
Ethylene Dibromide	0.20	U	0.20	0.039	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
Isopropylbenzene	**6.0**		0.20	0.065	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
Methyl acetate	1.0	U	1.0	0.16	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
Methyl tert-butyl ether	0.20	U	0.20	0.044	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
Methylcyclohexane	**91**		0.20	0.15	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
Methylene Chloride	0.20	U	0.20	0.043	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
m-Xylene & p-Xylene	**2.4**		0.20	0.057	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
n-Butylbenzene	**4.8**		0.20	0.055	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
N-Propylbenzene	**8.0**		0.20	0.059	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
o-Xylene	**0.40**		0.20	0.065	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
sec-Butylbenzene	**3.0**		0.20	0.063	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
Styrene	0.20	U	0.20	0.035	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100

Client Sample ID: ISS-43_C

Lab Sample ID: 460-351338-12

Date Collected: 05/19/26 13:00
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 80.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	**0.62**		0.20	0.057	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
Tetrachloroethene	0.20	U	0.20	0.073	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
Toluene	**0.13**	**J**	0.20	0.051	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
trans-1,2-Dichloroethene	0.20	U	0.20	0.037	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
trans-1,3-Dichloropropene	0.20	U	0.20	0.045	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
Trichloroethene	0.20	U	0.20	0.045	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
Trichlorofluoromethane	0.20	U	0.20	0.065	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
Vinyl chloride	0.20	U	0.20	0.041	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100
Xylenes, Total	**2.8**		0.41	0.057	mg/Kg	☼	05/19/26 20:51	05/26/26 12:08	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*60 - 150*	*05/19/26 20:51*	*05/26/26 12:08*	*100*
4-Bromofluorobenzene	*107*		*70 - 150*	*05/19/26 20:51*	*05/26/26 12:08*	*100*
Dibromofluoromethane (Surr)	*96*		*68 - 150*	*05/19/26 20:51*	*05/26/26 12:08*	*100*
Toluene-d8 (Surr)	*100*		*64 - 157*	*05/19/26 20:51*	*05/26/26 12:08*	*100*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**19.1**		1.0	1.0	%			05/19/26 18:09	1
Percent Solids (EPA Moisture)	**80.9**		1.0	1.0	%			05/19/26 18:09	1

Client Sample ID: ISS-43_D

Lab Sample ID: 460-351338-13

Date Collected: 05/19/26 13:05
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 93.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00079	U	0.00079	0.00018	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
1,1,2,2-Tetrachloroethane	0.00079	U	0.00079	0.00041	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00079	U	0.00079	0.00024	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
1,1,2-Trichloroethane	0.00079	U	0.00079	0.00047	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
1,1-Dichloroethane	0.00079	U	0.00079	0.00047	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
1,1-Dichloroethene	0.00079	U	0.00079	0.00018	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
1,2,3-Trichlorobenzene	0.00079	U	0.00079	0.00058	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
1,2,4-Trichlorobenzene	0.00079	U	0.00079	0.00028	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
1,2,4-Trimethylbenzene	**0.00075**	**J**	0.00079	0.00019	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
1,2-Dibromo-3-Chloropropane	0.00079	U	0.00079	0.00036	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
1,2-Dichlorobenzene	0.00079	U	0.00079	0.00028	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
1,2-Dichloroethane	0.00079	U	0.00079	0.00023	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
1,2-Dichloropropane	0.00079	U	0.00079	0.00033	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
1,3,5-Trimethylbenzene	**0.0015**		0.00079	0.00025	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
1,3-Dichlorobenzene	0.00079	U	0.00079	0.00029	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
1,4-Dichlorobenzene	0.00079	U	0.00079	0.00041	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
2-Butanone (MEK)	**0.0034**	**J**	0.0039	0.00029	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
2-Hexanone	0.0039	U	0.0039	0.0014	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
4-Methyl-2-pentanone (MIBK)	0.0039	U	0.0039	0.0012	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
Acetone	**0.025**		0.0047	0.0045	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
Benzene	0.00079	U	0.00079	0.00045	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
Bromoform	0.00079	U	0.00079	0.00034	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
Bromomethane	0.0016	U	0.0016	0.00079	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1

Client Sample ID: ISS-43_D
Date Collected: 05/19/26 13:05
Date Received: 05/19/26 16:51

Lab Sample ID: 460-351338-13
Matrix: Solid
Percent Solids: 93.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	**0.0010**		0.00079	0.00021	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
Carbon tetrachloride	0.00079	U	0.00079	0.00031	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
Chlorobenzene	0.00079	U	0.00079	0.00040	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
Chlorobromomethane	0.00079	U	0.00079	0.00047	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
Chlorodibromomethane	0.00079	U	0.00079	0.00042	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
Chloroethane	0.00079	U	0.00079	0.00041	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
Chloroform	0.00079	U	0.00079	0.00077	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
Chloromethane	0.00079	U	0.00079	0.00034	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
cis-1,2-Dichloroethene	0.00079	U	0.00079	0.00028	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
cis-1,3-Dichloropropene	0.00079	U	0.00079	0.00022	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
Cyclohexane	**0.068**		0.00079	0.00017	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
Dichlorobromomethane	0.00079	U	0.00079	0.00020	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
Dichlorodifluoromethane	0.00079	U	0.00079	0.00027	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
Ethylbenzene	**0.0029**		0.00079	0.00037	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
Ethylene Dibromide	0.00079	U	0.00079	0.00040	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
Isopropylbenzene	**0.010**		0.00079	0.00022	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
Methyl acetate	0.0039	U	0.0039	0.0034	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
Methyl tert-butyl ether	0.00079	U	0.00079	0.00040	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
Methylene Chloride	0.0016	U	0.0016	0.00090	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
m-Xylene & p-Xylene	**0.0016**		0.00079	0.00033	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
n-Butylbenzene	**0.0086**		0.00079	0.00023	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
N-Propylbenzene	**0.0093**		0.00079	0.00035	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
o-Xylene	**0.0012**		0.00079	0.00036	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
sec-Butylbenzene	**0.0091**		0.00079	0.00023	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
Styrene	0.00079	U	0.00079	0.00022	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
tert-Butylbenzene	**0.0042**		0.00079	0.00022	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
Tetrachloroethene	0.00079	U	0.00079	0.00024	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
Toluene	**0.0017**		0.00079	0.00018	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
trans-1,2-Dichloroethene	0.00079	U	0.00079	0.00019	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
trans-1,3-Dichloropropene	0.00079	U	0.00079	0.00021	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
Trichloroethene	0.00079	U	0.00079	0.00025	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
Trichlorofluoromethane	0.00079	U	0.00079	0.00032	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
Vinyl chloride	0.00079	U	0.00079	0.00043	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1
Xylenes, Total	**0.0028**		0.0016	0.00033	mg/Kg	☼	05/19/26 21:03	05/21/26 02:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*65 - 138*	*05/19/26 21:03*	*05/21/26 02:06*	*1*
4-Bromofluorobenzene	*86*		*71 - 128*	*05/19/26 21:03*	*05/21/26 02:06*	*1*
Dibromofluoromethane (Surr)	*89*		*65 - 139*	*05/19/26 21:03*	*05/21/26 02:06*	*1*
Toluene-d8 (Surr)	*104*		*71 - 126*	*05/19/26 21:03*	*05/21/26 02:06*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	**0.51**		0.14	0.10	mg/Kg	☼	05/19/26 20:51	05/23/26 16:31	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*60 - 150*	*05/19/26 20:51*	*05/23/26 16:31*	*50*
4-Bromofluorobenzene	*91*		*70 - 150*	*05/19/26 20:51*	*05/23/26 16:31*	*50*
Dibromofluoromethane (Surr)	*85*		*68 - 150*	*05/19/26 20:51*	*05/23/26 16:31*	*50*
Toluene-d8 (Surr)	*90*		*64 - 157*	*05/19/26 20:51*	*05/23/26 16:31*	*50*

Client Sample ID: ISS-43_D
Lab Sample ID: 460-351338-13

Date Collected: 05/19/26 13:05
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 93.8

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	6.2		1.0	1.0	%			05/19/26 18:09	1
Percent Solids (EPA Moisture)	93.8		1.0	1.0	%			05/19/26 18:09	1

Client Sample ID: ISS-43_0-4
Lab Sample ID: 460-351338-14

Date Collected: 05/19/26 13:10
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 90.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.0032	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.0080	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
1,4-Dioxane	0.036	U	0.036	0.028	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.016	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.0069	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.017	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.011	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
2,4-Dichlorophenol	0.15	U	0.15	0.022	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
2,4-Dimethylphenol	0.36	U	0.36	0.019	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
2,4-Dinitrophenol	0.29	U	0.29	0.13	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
2,4-Dinitrotoluene	0.073	U	0.073	0.014	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
2,6-Dinitrotoluene	0.073	U	0.073	0.012	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
2-Chloronaphthalene	0.36	U	0.36	0.0039	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
2-Chlorophenol	0.36	U	0.36	0.0093	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
2-Methylnaphthalene	0.018	J	0.36	0.0053	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
2-Methylphenol	0.22	U	0.22	0.011	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
2-Nitroaniline	0.36	U	0.36	0.021	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
2-Nitrophenol	0.36	U	0.36	0.021	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
3 & 4 Methylphenol	0.22	U	0.22	0.023	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.015	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
3-Nitroaniline	0.36	U	0.36	0.025	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.024	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.0066	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.017	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
4-Chloroaniline	0.36	U	0.36	0.017	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.0096	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
4-Methylphenol	0.36	U	0.36	0.019	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
4-Nitroaniline	0.36	U	0.36	0.023	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
4-Nitrophenol	0.73	U	0.73	0.046	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
Acenaphthene	0.36	U	0.36	0.0053	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
Acenaphthylene	0.36	U	0.36	0.0045	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
Acetophenone	0.36	U	0.36	0.015	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
Anthracene	0.36	U	0.36	0.0035	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
Atrazine	0.15	U *	0.15	0.0095	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
Benzaldehyde	0.36	U	0.36	0.015	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
Benzo[a]anthracene	0.036	U	0.036	0.0034	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
Benzo[a]pyrene	0.036	U	0.036	0.0066	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0054	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.0060	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0055	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.016	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1

Client Sample ID: ISS-43_0-4
Lab Sample ID: 460-351338-14
Date Collected: 05/19/26 13:10
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 90.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	0.036	U	0.036	0.017	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.012	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
Butyl benzyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
Caprolactam	0.36	U *	0.36	0.022	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
Carbazole	0.36	U	0.36	0.010	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
Chrysene	0.36	U	0.36	0.0040	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.0075	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
Dibenzofuran	0.36	U	0.36	0.0057	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
Diethyl phthalate	0.36	U	0.36	0.0061	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
Dimethyl phthalate	0.36	U	0.36	0.0042	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
Di-n-butyl phthalate	0.36	U	0.36	0.0090	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
Di-n-octyl phthalate	0.36	U	0.36	0.016	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
Fluoranthene	0.36	U	0.36	0.0065	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
Fluorene	0.36	U	0.36	0.0066	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
Hexachlorobenzene	0.036	U	0.036	0.0067	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
Hexachlorobutadiene	0.073	U	0.073	0.0069	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.020	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
Hexachloroethane	0.036	U	0.036	0.0094	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.024	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
Isophorone	0.15	U	0.15	0.0084	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
Naphthalene	**0.046**	**J**	0.36	0.0029	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
Nitrobenzene	0.036	U	0.036	0.016	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.017	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.0064	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
Pentachlorophenol	0.29	U	0.29	0.024	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
Phenanthrene	0.36	U	0.36	0.0061	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
Phenol	0.22	U	0.22	0.020	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1
Pyrene	0.36	U	0.36	0.0059	mg/Kg	☼	05/19/26 20:47	05/20/26 07:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*70*		*18 - 137*	*05/19/26 20:47*	*05/20/26 07:55*	*1*
2-Fluorobiphenyl	*68*		*33 - 117*	*05/19/26 20:47*	*05/20/26 07:55*	*1*
2-Fluorophenol (Surr)	*68*		*24 - 120*	*05/19/26 20:47*	*05/20/26 07:55*	*1*
Nitrobenzene-d5 (Surr)	*65*		*27 - 120*	*05/19/26 20:47*	*05/20/26 07:55*	*1*
Phenol-d5 (Surr)	*66*		*28 - 118*	*05/19/26 20:47*	*05/20/26 07:55*	*1*
Terphenyl-d14 (Surr)	*72*		*33 - 124*	*05/19/26 20:47*	*05/20/26 07:55*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0022	U	0.0022	0.00089	mg/Kg	☼	05/20/26 10:39	05/21/26 11:11	1
4,4'-DDE	0.0022	U	0.0022	0.00057	mg/Kg	☼	05/20/26 10:39	05/21/26 11:11	1
4,4'-DDT	0.0022	U	0.0022	0.00074	mg/Kg	☼	05/20/26 10:39	05/21/26 11:11	1
Aldrin	0.0022	U	0.0022	0.00033	mg/Kg	☼	05/20/26 10:39	05/21/26 11:11	1
alpha-BHC	0.0022	U	0.0022	0.00037	mg/Kg	☼	05/20/26 10:39	05/21/26 11:11	1
beta-BHC	0.0022	U	0.0022	0.00044	mg/Kg	☼	05/20/26 10:39	05/21/26 11:11	1
Chlordane (technical)	0.074	U	0.074	0.018	mg/Kg	☼	05/20/26 10:39	05/21/26 11:11	1
cis-Chlordane	0.0022	U	0.0022	0.00023	mg/Kg	☼	05/20/26 10:39	05/21/26 11:11	1
delta-BHC	0.0022	U	0.0022	0.00031	mg/Kg	☼	05/20/26 10:39	05/21/26 11:11	1
Dieldrin	0.0022	U	0.0022	0.00063	mg/Kg	☼	05/20/26 10:39	05/21/26 11:11	1
Endosulfan I	0.0022	U	0.0022	0.00027	mg/Kg	☼	05/20/26 10:39	05/21/26 11:11	1

Client Sample ID: ISS-43_0-4
Lab Sample ID: 460-351338-14
Date Collected: 05/19/26 13:10
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 90.8

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan II	0.0022	U	0.0022	0.00038	mg/Kg	☼	05/20/26 10:39	05/21/26 11:11	1
Endosulfan sulfate	0.0022	U	0.0022	0.00048	mg/Kg	☼	05/20/26 10:39	05/21/26 11:11	1
Endrin	0.0022	U	0.0022	0.00022	mg/Kg	☼	05/20/26 10:39	05/21/26 11:11	1
Endrin aldehyde	0.0022	U	0.0022	0.00044	mg/Kg	☼	05/20/26 10:39	05/21/26 11:11	1
Endrin ketone	0.0022	U	0.0022	0.00034	mg/Kg	☼	05/20/26 10:39	05/21/26 11:11	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00021	mg/Kg	☼	05/20/26 10:39	05/21/26 11:11	1
Heptachlor	0.0022	U	0.0022	0.00027	mg/Kg	☼	05/20/26 10:39	05/21/26 11:11	1
Heptachlor epoxide	0.0022	U	0.0022	0.00041	mg/Kg	☼	05/20/26 10:39	05/21/26 11:11	1
Methoxychlor	0.0022	U	0.0022	0.00083	mg/Kg	☼	05/20/26 10:39	05/21/26 11:11	1
Toxaphene	0.074	U	0.074	0.027	mg/Kg	☼	05/20/26 10:39	05/21/26 11:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*105*		*10 - 150*	*05/20/26 10:39*	*05/21/26 11:11*	*1*
DCB Decachlorobiphenyl	*103*		*10 - 150*	*05/20/26 10:39*	*05/21/26 11:11*	*1*
Tetrachloro-m-xylene	*86*		*14 - 150*	*05/20/26 10:39*	*05/21/26 11:11*	*1*
Tetrachloro-m-xylene	*87*		*14 - 150*	*05/20/26 10:39*	*05/21/26 11:11*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.074	U	0.074	0.020	mg/Kg	☼	05/20/26 10:37	05/20/26 22:38	1
Aroclor 1221	0.074	U	0.074	0.020	mg/Kg	☼	05/20/26 10:37	05/20/26 22:38	1
Aroclor 1232	0.074	U	0.074	0.020	mg/Kg	☼	05/20/26 10:37	05/20/26 22:38	1
Aroclor 1242	0.074	U	0.074	0.020	mg/Kg	☼	05/20/26 10:37	05/20/26 22:38	1
Aroclor 1248	0.074	U	0.074	0.020	mg/Kg	☼	05/20/26 10:37	05/20/26 22:38	1
Aroclor 1254	0.074	U	0.074	0.020	mg/Kg	☼	05/20/26 10:37	05/20/26 22:38	1
Aroclor 1260	0.074	U	0.074	0.020	mg/Kg	☼	05/20/26 10:37	05/20/26 22:38	1
Aroclor-1262	0.074	U	0.074	0.020	mg/Kg	☼	05/20/26 10:37	05/20/26 22:38	1
Aroclor 1268	0.074	U	0.074	0.020	mg/Kg	☼	05/20/26 10:37	05/20/26 22:38	1
Polychlorinated biphenyls, Total	0.074	U	0.074	0.020	mg/Kg	☼	05/20/26 10:37	05/20/26 22:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*99*		*10 - 150*	*05/20/26 10:37*	*05/20/26 22:38*	*1*
DCB Decachlorobiphenyl	*113*		*10 - 150*	*05/20/26 10:37*	*05/20/26 22:38*	*1*
Tetrachloro-m-xylene	*89*		*10 - 150*	*05/20/26 10:37*	*05/20/26 22:38*	*1*
Tetrachloro-m-xylene	*90*		*10 - 150*	*05/20/26 10:37*	*05/20/26 22:38*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 21:51	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 21:51	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 21:51	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 21:51	1
Perfluorooctanoic acid (PFOA)	0.19	U	0.19	0.058	ug/Kg	☼	05/22/26 14:24	05/26/26 21:51	1
Perfluorononanoic acid (PFNA)	**0.40**		0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 21:51	1
Perfluorodecanoic acid (PFDA)	0.19	U	0.19	0.058	ug/Kg	☼	05/22/26 14:24	05/26/26 21:51	1
Perfluoroundecanoic acid (PFUnA)	**1.77**		0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 21:51	1
Perfluorododecanoic acid (PFDoA)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 21:51	1
Perfluorotridecanoic acid (PFTrDA)	**0.33**		0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 21:51	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 21:51	1

Client Sample ID: ISS-43_0-4
Lab Sample ID: 460-351338-14
Date Collected: 05/19/26 13:10
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 90.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 21:51	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 21:51	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 21:51	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 21:51	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 21:51	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 21:51	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 21:51	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 21:51	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	05/22/26 14:24	05/26/26 21:51	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	05/22/26 14:24	05/26/26 21:51	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**0.24**	**J**	0.39	0.19	ug/Kg	☼	05/22/26 14:24	05/26/26 21:51	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 21:51	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 21:51	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 21:51	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 21:51	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 21:51	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.97	U	0.97	0.48	ug/Kg	☼	05/22/26 14:24	05/26/26 21:51	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.97	U	0.97	0.48	ug/Kg	☼	05/22/26 14:24	05/26/26 21:51	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 21:51	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 21:51	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 21:51	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 21:51	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 21:51	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 21:51	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 21:51	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 21:51	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.19	ug/Kg	☼	05/22/26 14:24	05/26/26 21:51	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.97	U	0.97	0.48	ug/Kg	☼	05/22/26 14:24	05/26/26 21:51	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.97	U	0.97	0.48	ug/Kg	☼	05/22/26 14:24	05/26/26 21:51	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*96.5*		*8 - 130*	*05/22/26 14:24*	*05/26/26 21:51*	*1*
13C5 PFPeA	*102*		*35 - 130*	*05/22/26 14:24*	*05/26/26 21:51*	*1*

Client Sample ID: ISS-43_0-4
Date Collected: 05/19/26 13:10
Date Received: 05/19/26 16:51

Lab Sample ID: 460-351338-14
Matrix: Solid
Percent Solids: 90.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFHxA	101		40 - 130	05/22/26 14:24	05/26/26 21:51	1
13C4 PFHpA	103		40 - 130	05/22/26 14:24	05/26/26 21:51	1
13C8 PFOA	89.3		40 - 130	05/22/26 14:24	05/26/26 21:51	1
13C9 PFNA	87.2		40 - 130	05/22/26 14:24	05/26/26 21:51	1
13C6 PFDA	80.0		40 - 130	05/22/26 14:24	05/26/26 21:51	1
13C7 PFUnA	67.9		40 - 130	05/22/26 14:24	05/26/26 21:51	1
13C2 PFTeDA	42.2		20 - 130	05/22/26 14:24	05/26/26 21:51	1
13C3 PFBS	89.0		40 - 135	05/22/26 14:24	05/26/26 21:51	1
13C3 PFHxS	82.7		40 - 130	05/22/26 14:24	05/26/26 21:51	1
13C8 PFOS	71.6		40 - 130	05/22/26 14:24	05/26/26 21:51	1
13C8 FOSA	65.7		40 - 130	05/22/26 14:24	05/26/26 21:51	1
d3-NMeFOSAA	50.6		40 - 135	05/22/26 14:24	05/26/26 21:51	1
d5-NEtFOSAA	49.4		40 - 150	05/22/26 14:24	05/26/26 21:51	1
13C2 4:2 FTS	63.0		40 - 165	05/22/26 14:24	05/26/26 21:51	1
13C2 6:2 FTS	62.6		40 - 215	05/22/26 14:24	05/26/26 21:51	1
13C2 8:2 FTS	58.4		40 - 275	05/22/26 14:24	05/26/26 21:51	1
13C3 HFPO-DA	96.9		40 - 130	05/22/26 14:24	05/26/26 21:51	1
d7-N-MeFOSE-M	19.1	*	20 - 130	05/22/26 14:24	05/26/26 21:51	1
d9-N-EtFOSE-M	16.4		15 - 130	05/22/26 14:24	05/26/26 21:51	1
d5-NEtPFOSA	48.0		10 - 130	05/22/26 14:24	05/26/26 21:51	1
d3-NMePFOSA	54.5		10 - 130	05/22/26 14:24	05/26/26 21:51	1
13C2 PFDoA	61.0		40 - 130	05/22/26 14:24	05/26/26 21:51	1
13C3-3:3 FTCA	111		20 - 150	05/22/26 14:24	05/26/26 21:51	1
13C3-5:3 FTCA	86.4		20 - 150	05/22/26 14:24	05/26/26 21:51	1
13C3-PFDoS	35.4		20 - 150	05/22/26 14:24	05/26/26 21:51	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6110		20.0	5.5	mg/Kg	☼	05/20/26 06:32	05/20/26 13:48	1
Antimony	0.28	J	1.0	0.060	mg/Kg	☼	05/20/26 06:32	05/20/26 13:48	1
Arsenic	4.8		1.0	0.10	mg/Kg	☼	05/20/26 06:32	05/20/26 13:48	1
Barium	33.2		2.0	0.15	mg/Kg	☼	05/20/26 06:32	05/20/26 13:48	1
Beryllium	0.39	J	0.40	0.022	mg/Kg	☼	05/20/26 06:32	05/20/26 13:48	1
Cadmium	0.13	J	0.50	0.11	mg/Kg	☼	05/20/26 06:32	05/20/26 13:48	1
Calcium	3480		100	9.7	mg/Kg	☼	05/20/26 06:32	05/20/26 13:48	1
Chromium	11.2		2.0	0.30	mg/Kg	☼	05/20/26 06:32	05/20/26 13:48	1
Cobalt	6.0		1.0	0.15	mg/Kg	☼	05/20/26 06:32	05/20/26 13:48	1
Copper	22.7		2.0	0.37	mg/Kg	☼	05/20/26 06:32	05/20/26 13:48	1
Iron	14600		60.1	7.7	mg/Kg	☼	05/20/26 06:32	05/20/26 13:48	1
Lead	38.4		0.60	0.20	mg/Kg	☼	05/20/26 06:32	05/20/26 13:48	1
Magnesium	1440		100	10.2	mg/Kg	☼	05/20/26 06:32	05/20/26 13:48	1
Manganese	135		4.0	0.40	mg/Kg	☼	05/20/26 06:32	05/20/26 13:48	1
Nickel	8.4		2.0	0.18	mg/Kg	☼	05/20/26 06:32	05/20/26 13:48	1
Potassium	840		100	6.2	mg/Kg	☼	05/20/26 06:32	05/20/26 13:48	1
Selenium	0.32	J	1.3	0.13	mg/Kg	☼	05/20/26 06:32	05/20/26 13:48	1
Silver	0.092	J	0.40	0.089	mg/Kg	☼	05/20/26 06:32	05/20/26 13:48	1
Sodium	66.6	J	100	17.3	mg/Kg	☼	05/20/26 06:32	05/20/26 13:48	1
Thallium	0.054	J	0.40	0.041	mg/Kg	☼	05/20/26 06:32	05/20/26 13:48	1
Vanadium	17.6		2.0	0.21	mg/Kg	☼	05/20/26 06:32	05/20/26 13:48	1
Zinc	38.8		8.0	1.1	mg/Kg	☼	05/20/26 06:32	05/20/26 13:48	1

Client Sample ID: ISS-43_0-4

Lab Sample ID: 460-351338-14
Date Collected: 05/19/26 13:10
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 90.8

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.027**		0.018	0.0063	mg/Kg	☼	05/21/26 01:28	05/21/26 07:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.2**		1.0	1.0	%			05/19/26 18:47	1
Percent Solids (EPA Moisture)	**90.8**		1.0	1.0	%			05/19/26 18:47	1

Client Sample ID: ISS-44_A

Lab Sample ID: 460-351338-15
Date Collected: 05/19/26 13:15
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 84.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.095	U *	0.095	0.027	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
1,1,2,2-Tetrachloroethane	0.095	U	0.095	0.019	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.095	U	0.095	0.032	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
1,1,2-Trichloroethane	0.095	U	0.095	0.019	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
1,1-Dichloroethane	0.095	U	0.095	0.023	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
1,1-Dichloroethene	0.095	U	0.095	0.025	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
1,2,3-Trichlorobenzene	0.095	U	0.095	0.033	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
1,2,4-Trichlorobenzene	0.095	U	0.095	0.026	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
1,2,4-Trimethylbenzene	**0.49**		0.095	0.022	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
1,2-Dibromo-3-Chloropropane	0.095	U	0.095	0.020	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
1,2-Dichlorobenzene	0.095	U	0.095	0.021	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
1,2-Dichloroethane	0.095	U	0.095	0.024	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
1,2-Dichloropropane	0.095	U	0.095	0.017	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
1,3,5-Trimethylbenzene	**0.18**		0.095	0.024	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
1,3-Dichlorobenzene	0.095	U	0.095	0.031	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
1,4-Dichlorobenzene	0.095	U	0.095	0.032	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
2-Butanone (MEK)	0.47	U	0.47	0.21	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
2-Hexanone	0.47	U	0.47	0.11	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
4-Methyl-2-pentanone (MIBK)	0.47	U *	0.47	0.12	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
Acetone	0.47	U	0.47	0.42	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
Benzene	0.095	U	0.095	0.019	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
Bromoform	0.095	U	0.095	0.017	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
Bromomethane	0.095	U	0.095	0.053	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
Carbon disulfide	0.095	U	0.095	0.064	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
Carbon tetrachloride	0.095	U *	0.095	0.031	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
Chlorobenzene	0.095	U	0.095	0.023	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
Chlorobromomethane	0.095	U	0.095	0.028	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
Chlorodibromomethane	0.095	U	0.095	0.021	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
Chloroethane	0.095	U	0.095	0.035	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
Chloroform	0.095	U	0.095	0.021	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
Chloromethane	0.095	U	0.095	0.038	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
cis-1,2-Dichloroethene	0.095	U	0.095	0.025	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
cis-1,3-Dichloropropene	0.095	U	0.095	0.021	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
Cyclohexane	0.095	U *	0.095	0.025	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
Dichlorobromomethane	0.095	U	0.095	0.014	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
Dichlorodifluoromethane	0.095	U	0.095	0.029	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
Ethylbenzene	**0.047**	**J**	0.095	0.028	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50

Client Sample ID: ISS-44_A
Lab Sample ID: 460-351338-15

Date Collected: 05/19/26 13:15
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 84.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.095	U *	0.095	0.018	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
Isopropylbenzene	0.095	U	0.095	0.030	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
Methyl acetate	0.47	U	0.47	0.074	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
Methyl tert-butyl ether	0.095	U	0.095	0.020	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
Methylcyclohexane	**0.84**	*	0.095	0.069	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
Methylene Chloride	0.095	U	0.095	0.020	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
m-Xylene & p-Xylene	**0.19**	*	0.095	0.027	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
n-Butylbenzene	**0.059**	J	0.095	0.026	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
N-Propylbenzene	**0.063**	J	0.095	0.028	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
o-Xylene	**0.064**	J	0.095	0.030	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
sec-Butylbenzene	0.095	U	0.095	0.029	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
Styrene	0.095	U *	0.095	0.016	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
tert-Butylbenzene	0.095	U	0.095	0.027	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
Tetrachloroethene	0.095	U	0.095	0.034	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
Toluene	0.095	U	0.095	0.024	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
trans-1,2-Dichloroethene	0.095	U	0.095	0.017	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
trans-1,3-Dichloropropene	0.095	U	0.095	0.021	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
Trichloroethene	0.095	U	0.095	0.021	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
Trichlorofluoromethane	0.095	U	0.095	0.030	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
Vinyl chloride	0.095	U	0.095	0.019	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50
Xylenes, Total	**0.26**	*	0.19	0.027	mg/Kg	☼	05/19/26 20:51	05/23/26 20:30	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*60 - 150*	*05/19/26 20:51*	*05/23/26 20:30*	*50*
4-Bromofluorobenzene	*98*		*70 - 150*	*05/19/26 20:51*	*05/23/26 20:30*	*50*
Dibromofluoromethane (Surr)	*101*		*68 - 150*	*05/19/26 20:51*	*05/23/26 20:30*	*50*
Toluene-d8 (Surr)	*96*		*64 - 157*	*05/19/26 20:51*	*05/23/26 20:30*	*50*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**15.8**		1.0	1.0	%			05/19/26 18:09	1
Percent Solids (EPA Moisture)	**84.2**		1.0	1.0	%			05/19/26 18:09	1

Client Sample ID: ISS-44_B
Lab Sample ID: 460-351338-16

Date Collected: 05/19/26 13:20
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 85.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.11	U *	0.11	0.032	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
1,1,2,2-Tetrachloroethane	0.11	U	0.11	0.022	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.11	U	0.11	0.038	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
1,1,2-Trichloroethane	0.11	U	0.11	0.023	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
1,1-Dichloroethane	0.11	U	0.11	0.027	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
1,1-Dichloroethene	0.11	U	0.11	0.030	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
1,2,3-Trichlorobenzene	0.11	U	0.11	0.040	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
1,2,4-Trichlorobenzene	0.11	U	0.11	0.030	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
1,2,4-Trimethylbenzene	**6.9**		0.11	0.026	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
1,2-Dibromo-3-Chloropropane	0.11	U	0.11	0.024	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
1,2-Dichlorobenzene	0.11	U	0.11	0.025	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50

Client Sample ID: ISS-44_B
Date Collected: 05/19/26 13:20
Date Received: 05/19/26 16:51

Lab Sample ID: 460-351338-16
Matrix: Solid
Percent Solids: 85.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	0.11	U	0.11	0.028	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
1,2-Dichloropropane	0.11	U	0.11	0.020	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
1,3,5-Trimethylbenzene	**2.3**		0.11	0.028	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
1,3-Dichlorobenzene	0.11	U	0.11	0.037	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
1,4-Dichlorobenzene	0.11	U	0.11	0.038	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
2-Butanone (MEK)	0.56	U	0.56	0.25	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
2-Hexanone	0.56	U	0.56	0.13	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
4-Methyl-2-pentanone (MIBK)	0.56	U *	0.56	0.15	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
Acetone	0.56	U	0.56	0.50	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
Benzene	**0.040**	**J**	0.11	0.023	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
Bromoform	0.11	U	0.11	0.020	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
Bromomethane	0.11	U	0.11	0.063	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
Carbon disulfide	0.11	U	0.11	0.076	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
Carbon tetrachloride	0.11	U *	0.11	0.037	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
Chlorobenzene	0.11	U	0.11	0.027	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
Chlorobromomethane	0.11	U	0.11	0.034	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
Chlorodibromomethane	0.11	U	0.11	0.025	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
Chloroethane	0.11	U	0.11	0.042	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
Chloroform	0.11	U	0.11	0.025	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
Chloromethane	0.11	U	0.11	0.045	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
cis-1,2-Dichloroethene	0.11	U	0.11	0.029	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
cis-1,3-Dichloropropene	0.11	U	0.11	0.025	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
Cyclohexane	0.11	U *	0.11	0.029	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
Dichlorobromomethane	0.11	U	0.11	0.017	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
Dichlorodifluoromethane	0.11	U	0.11	0.035	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
Ethylbenzene	**1.4**		0.11	0.034	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
Ethylene Dibromide	0.11	U *	0.11	0.021	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
Isopropylbenzene	**0.29**		0.11	0.036	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
Methyl acetate	0.56	U	0.56	0.088	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
Methyl tert-butyl ether	0.11	U	0.11	0.024	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
Methylcyclohexane	**0.57**	*	0.11	0.082	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
Methylene Chloride	0.11	U	0.11	0.024	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
m-Xylene & p-Xylene	**5.3**	*	0.11	0.032	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
n-Butylbenzene	**0.59**		0.11	0.030	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
N-Propylbenzene	**1.3**		0.11	0.033	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
o-Xylene	**1.6**		0.11	0.036	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
sec-Butylbenzene	**0.19**		0.11	0.035	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
Styrene	0.11	U *	0.11	0.019	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
tert-Butylbenzene	0.11	U	0.11	0.032	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
Tetrachloroethene	0.11	U	0.11	0.041	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
Toluene	**0.44**		0.11	0.028	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
trans-1,2-Dichloroethene	0.11	U	0.11	0.020	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
trans-1,3-Dichloropropene	0.11	U	0.11	0.025	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
Trichloroethene	0.11	U	0.11	0.025	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
Trichlorofluoromethane	0.11	U	0.11	0.036	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
Vinyl chloride	0.11	U	0.11	0.023	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50
Xylenes, Total	**6.9**	*	0.23	0.032	mg/Kg	☼	05/19/26 20:52	05/23/26 20:54	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*60 - 150*	*05/19/26 20:52*	*05/23/26 20:54*	*50*

Client Sample ID: ISS-44_B
Lab Sample ID: 460-351338-16

Date Collected: 05/19/26 13:20
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 85.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 150*	*05/19/26 20:52*	*05/23/26 20:54*	*50*
Dibromofluoromethane (Surr)	*93*		*68 - 150*	*05/19/26 20:52*	*05/23/26 20:54*	*50*
Toluene-d8 (Surr)	*95*		*64 - 157*	*05/19/26 20:52*	*05/23/26 20:54*	*50*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**14.1**		1.0	1.0	%			05/19/26 18:09	1
Percent Solids (EPA Moisture)	**85.9**		1.0	1.0	%			05/19/26 18:09	1

Client Sample ID: ISS-44_C
Lab Sample ID: 460-351338-17

Date Collected: 05/19/26 13:25
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 80.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.19	U *	0.19	0.053	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
1,1,2,2-Tetrachloroethane	0.19	U	0.19	0.037	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
1,1,2-Trichloro-1,2,2-trifluoroethane	0.19	U	0.19	0.064	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
1,1,2-Trichloroethane	0.19	U	0.19	0.038	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
1,1-Dichloroethane	0.19	U	0.19	0.045	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
1,1-Dichloroethene	0.19	U	0.19	0.050	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
1,2,3-Trichlorobenzene	0.19	U	0.19	0.066	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
1,2,4-Trichlorobenzene	0.19	U	0.19	0.051	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
1,2,4-Trimethylbenzene	**28**		0.19	0.043	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
1,2-Dibromo-3-Chloropropane	0.19	U	0.19	0.040	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
1,2-Dichlorobenzene	0.19	U	0.19	0.041	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
1,2-Dichloroethane	0.19	U	0.19	0.047	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
1,2-Dichloropropane	0.19	U	0.19	0.034	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
1,3,5-Trimethylbenzene	**13**		0.19	0.047	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
1,3-Dichlorobenzene	0.19	U	0.19	0.062	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
1,4-Dichlorobenzene	0.19	U	0.19	0.063	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
2-Butanone (MEK)	0.94	U	0.94	0.41	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
2-Hexanone	0.94	U	0.94	0.21	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
4-Methyl-2-pentanone (MIBK)	0.94	U *	0.94	0.25	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
Acetone	0.94	U	0.94	0.83	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
Benzene	**0.13**	**J**	0.19	0.038	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
Bromoform	0.19	U	0.19	0.034	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
Bromomethane	0.19	U	0.19	0.10	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
Carbon disulfide	0.19	U	0.19	0.13	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
Carbon tetrachloride	0.19	U *	0.19	0.062	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
Chlorobenzene	0.19	U	0.19	0.045	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
Chlorobromomethane	0.19	U	0.19	0.057	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
Chlorodibromomethane	0.19	U	0.19	0.041	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
Chloroethane	0.19	U	0.19	0.070	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
Chloroform	0.19	U	0.19	0.041	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
Chloromethane	0.19	U	0.19	0.076	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
cis-1,2-Dichloroethene	0.19	U	0.19	0.049	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
cis-1,3-Dichloropropene	0.19	U	0.19	0.042	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
Cyclohexane	0.19	U *	0.19	0.049	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
Dichlorobromomethane	0.19	U	0.19	0.028	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100

Client Sample ID: ISS-44_C

Lab Sample ID: 460-351338-17

Date Collected: 05/19/26 13:25
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 80.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.19	U	0.19	0.058	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
Ethylbenzene	**8.5**		0.19	0.057	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
Ethylene Dibromide	0.19	U *	0.19	0.036	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
Isopropylbenzene	**2.6**		0.19	0.060	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
Methyl acetate	0.94	U	0.94	0.15	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
Methyl tert-butyl ether	0.19	U	0.19	0.040	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
Methylcyclohexane	**7.3**	*	0.19	0.14	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
Methylene Chloride	0.19	U	0.19	0.040	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
m-Xylene & p-Xylene	**21**	*	0.19	0.053	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
n-Butylbenzene	**3.4**		0.19	0.051	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
N-Propylbenzene	**11**		0.19	0.055	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
o-Xylene	**4.0**		0.19	0.060	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
sec-Butylbenzene	**1.2**		0.19	0.058	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
Styrene	0.19	U *	0.19	0.032	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
tert-Butylbenzene	0.19	U	0.19	0.053	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
Tetrachloroethene	0.19	U	0.19	0.068	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
Toluene	**1.7**		0.19	0.047	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
trans-1,2-Dichloroethene	0.19	U	0.19	0.034	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
trans-1,3-Dichloropropene	0.19	U	0.19	0.042	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
Trichloroethene	0.19	U	0.19	0.041	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
Trichlorofluoromethane	0.19	U	0.19	0.060	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
Vinyl chloride	0.19	U	0.19	0.038	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100
Xylenes, Total	**24**	*	0.38	0.053	mg/Kg	☼	05/19/26 20:52	05/24/26 00:05	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*123*		*60 - 150*	*05/19/26 20:52*	*05/24/26 00:05*	*100*
4-Bromofluorobenzene	*120*		*70 - 150*	*05/19/26 20:52*	*05/24/26 00:05*	*100*
Dibromofluoromethane (Surr)	*88*		*68 - 150*	*05/19/26 20:52*	*05/24/26 00:05*	*100*
Toluene-d8 (Surr)	*107*		*64 - 157*	*05/19/26 20:52*	*05/24/26 00:05*	*100*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**19.5**		1.0	1.0	%			05/19/26 18:09	1
Percent Solids (EPA Moisture)	**80.5**		1.0	1.0	%			05/19/26 18:09	1

Client Sample ID: ISS-44_0-4

Lab Sample ID: 460-351338-18

Date Collected: 05/19/26 13:30
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 85.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.38	U	0.38	0.0034	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
1,2,4,5-Tetrachlorobenzene	0.38	U	0.38	0.0086	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
1,4-Dioxane	0.038	U	0.038	0.029	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
2,2'-oxybis[1-chloropropane]	0.38	U	0.38	0.017	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
2,3,4,6-Tetrachlorophenol	0.38	U	0.38	0.0074	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
2,4,5-Trichlorophenol	0.38	U	0.38	0.018	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
2,4,6-Trichlorophenol	0.16	U	0.16	0.012	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
2,4-Dichlorophenol	0.16	U	0.16	0.023	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
2,4-Dimethylphenol	0.38	U	0.38	0.020	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1

Client: Haley & Aldrich Inc
Project/Site: Former Port Mobil

Job ID: 460-351338-1

Client Sample ID: ISS-44_0-4
Date Collected: 05/19/26 13:30
Date Received: 05/19/26 16:51

Lab Sample ID: 460-351338-18
Matrix: Solid
Percent Solids: 85.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	0.31	U	0.31	0.14	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
2,4-Dinitrotoluene	0.078	U	0.078	0.015	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
2,6-Dinitrotoluene	0.078	U	0.078	0.013	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
2-Chloronaphthalene	0.38	U	0.38	0.0042	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
2-Chlorophenol	0.38	U	0.38	0.0099	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
2-Methylnaphthalene	**0.028**	**J**	0.38	0.0057	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
2-Methylphenol	0.23	U	0.23	0.011	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
2-Nitroaniline	0.38	U	0.38	0.022	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
2-Nitrophenol	0.38	U	0.38	0.023	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
3 & 4 Methylphenol	0.23	U	0.23	0.024	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
3,3'-Dichlorobenzidine	0.16	U	0.16	0.016	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
3-Nitroaniline	0.38	U	0.38	0.027	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
4,6-Dinitro-2-methylphenol	0.31	U	0.31	0.026	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
4-Bromophenyl phenyl ether	0.38	U	0.38	0.0071	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
4-Chloro-3-methylphenol	0.38	U	0.38	0.018	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
4-Chloroaniline	0.38	U	0.38	0.018	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
4-Chlorophenyl phenyl ether	0.38	U	0.38	0.010	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
4-Methylphenol	0.38	U	0.38	0.020	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
4-Nitroaniline	0.38	U	0.38	0.025	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
4-Nitrophenol	0.78	U	0.78	0.049	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
Acenaphthene	0.38	U	0.38	0.0056	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
Acenaphthylene	0.38	U	0.38	0.0048	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
Acetophenone	0.38	U	0.38	0.016	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
Anthracene	0.38	U	0.38	0.0038	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
Atrazine	0.16	U *	0.16	0.010	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
Benzaldehyde	0.38	U	0.38	0.016	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
Benzo[a]anthracene	0.038	U	0.038	0.0036	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
Benzo[a]pyrene	0.038	U	0.038	0.0070	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
Benzo[b]fluoranthene	0.038	U	0.038	0.0058	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
Benzo[g,h,i]perylene	0.38	U	0.38	0.0064	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
Benzo[k]fluoranthene	0.038	U	0.038	0.0058	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
Bis(2-chloroethoxy)methane	0.38	U	0.38	0.017	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
Bis(2-chloroethyl)ether	0.038	U	0.038	0.018	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
Bis(2-ethylhexyl) phthalate	0.38	U	0.38	0.013	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
Butyl benzyl phthalate	0.38	U	0.38	0.013	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
Caprolactam	0.38	U *	0.38	0.024	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
Carbazole	0.38	U	0.38	0.011	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
Chrysene	0.38	U	0.38	0.0042	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
Dibenz(a,h)anthracene	0.038	U	0.038	0.0080	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
Dibenzofuran	0.38	U	0.38	0.0061	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
Diethyl phthalate	0.38	U	0.38	0.0066	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
Dimethyl phthalate	0.38	U	0.38	0.0045	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
Di-n-butyl phthalate	0.38	U	0.38	0.0096	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
Di-n-octyl phthalate	0.38	U	0.38	0.017	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
Fluoranthene	0.38	U	0.38	0.0069	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
Fluorene	0.38	U	0.38	0.0071	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
Hexachlorobenzene	0.038	U	0.038	0.0072	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
Hexachlorobutadiene	0.078	U	0.078	0.0073	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
Hexachlorocyclopentadiene	0.38	U	0.38	0.021	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1

Client Sample ID: ISS-44_0-4
Lab Sample ID: 460-351338-18
Date Collected: 05/19/26 13:30
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 85.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	0.038	U	0.038	0.010	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
Indeno[1,2,3-cd]pyrene	0.038	U	0.038	0.026	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
Isophorone	0.16	U	0.16	0.0090	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
Naphthalene	**0.015**	**J**	0.38	0.0031	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
Nitrobenzene	0.038	U	0.038	0.017	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
N-Nitrosodi-n-propylamine	0.038	U	0.038	0.018	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
N-Nitrosodiphenylamine	0.38	U	0.38	0.0068	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
Pentachlorophenol	0.31	U	0.31	0.026	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
Phenanthrene	0.38	U	0.38	0.0065	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
Phenol	0.23	U	0.23	0.022	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1
Pyrene	0.38	U	0.38	0.0062	mg/Kg	☼	05/19/26 20:47	05/20/26 08:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*63*		*18 - 137*	*05/19/26 20:47*	*05/20/26 08:13*	*1*
2-Fluorobiphenyl	*61*		*33 - 117*	*05/19/26 20:47*	*05/20/26 08:13*	*1*
2-Fluorophenol (Surr)	*61*		*24 - 120*	*05/19/26 20:47*	*05/20/26 08:13*	*1*
Nitrobenzene-d5 (Surr)	*58*		*27 - 120*	*05/19/26 20:47*	*05/20/26 08:13*	*1*
Phenol-d5 (Surr)	*60*		*28 - 118*	*05/19/26 20:47*	*05/20/26 08:13*	*1*
Terphenyl-d14 (Surr)	*66*		*33 - 124*	*05/19/26 20:47*	*05/20/26 08:13*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0023	U	0.0023	0.00095	mg/Kg	☼	05/20/26 10:39	05/21/26 11:24	1
4,4'-DDE	0.0023	U	0.0023	0.00060	mg/Kg	☼	05/20/26 10:39	05/21/26 11:24	1
4,4'-DDT	0.0023	U	0.0023	0.00079	mg/Kg	☼	05/20/26 10:39	05/21/26 11:24	1
Aldrin	0.0023	U	0.0023	0.00035	mg/Kg	☼	05/20/26 10:39	05/21/26 11:24	1
alpha-BHC	0.0023	U	0.0023	0.00039	mg/Kg	☼	05/20/26 10:39	05/21/26 11:24	1
beta-BHC	0.0023	U	0.0023	0.00047	mg/Kg	☼	05/20/26 10:39	05/21/26 11:24	1
Chlordane (technical)	0.078	U	0.078	0.019	mg/Kg	☼	05/20/26 10:39	05/21/26 11:24	1
cis-Chlordane	0.0023	U	0.0023	0.00024	mg/Kg	☼	05/20/26 10:39	05/21/26 11:24	1
delta-BHC	0.0023	U	0.0023	0.00033	mg/Kg	☼	05/20/26 10:39	05/21/26 11:24	1
Dieldrin	0.0023	U	0.0023	0.00067	mg/Kg	☼	05/20/26 10:39	05/21/26 11:24	1
Endosulfan I	0.0023	U	0.0023	0.00029	mg/Kg	☼	05/20/26 10:39	05/21/26 11:24	1
Endosulfan II	0.0023	U	0.0023	0.00040	mg/Kg	☼	05/20/26 10:39	05/21/26 11:24	1
Endosulfan sulfate	0.0023	U	0.0023	0.00051	mg/Kg	☼	05/20/26 10:39	05/21/26 11:24	1
Endrin	0.0023	U	0.0023	0.00023	mg/Kg	☼	05/20/26 10:39	05/21/26 11:24	1
Endrin aldehyde	0.0023	U	0.0023	0.00046	mg/Kg	☼	05/20/26 10:39	05/21/26 11:24	1
Endrin ketone	0.0023	U	0.0023	0.00036	mg/Kg	☼	05/20/26 10:39	05/21/26 11:24	1
gamma-BHC (Lindane)	0.0023	U	0.0023	0.00023	mg/Kg	☼	05/20/26 10:39	05/21/26 11:24	1
Heptachlor	0.0023	U	0.0023	0.00029	mg/Kg	☼	05/20/26 10:39	05/21/26 11:24	1
Heptachlor epoxide	0.0023	U	0.0023	0.00044	mg/Kg	☼	05/20/26 10:39	05/21/26 11:24	1
Methoxychlor	0.0023	U	0.0023	0.00088	mg/Kg	☼	05/20/26 10:39	05/21/26 11:24	1
Toxaphene	0.078	U	0.078	0.028	mg/Kg	☼	05/20/26 10:39	05/21/26 11:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*103*		*10 - 150*	*05/20/26 10:39*	*05/21/26 11:24*	*1*
DCB Decachlorobiphenyl	*105*		*10 - 150*	*05/20/26 10:39*	*05/21/26 11:24*	*1*
Tetrachloro-m-xylene	*85*		*14 - 150*	*05/20/26 10:39*	*05/21/26 11:24*	*1*
Tetrachloro-m-xylene	*86*		*14 - 150*	*05/20/26 10:39*	*05/21/26 11:24*	*1*

Client: Haley & Aldrich Inc
Job ID: 460-351338-1
Project/Site: Former Port Mobil

Client Sample ID: ISS-44_0-4
Lab Sample ID: 460-351338-18
Date Collected: 05/19/26 13:30
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 85.2

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.078	U	0.078	0.021	mg/Kg	☼	05/20/26 10:37	05/20/26 22:55	1
Aroclor 1221	0.078	U	0.078	0.021	mg/Kg	☼	05/20/26 10:37	05/20/26 22:55	1
Aroclor 1232	0.078	U	0.078	0.021	mg/Kg	☼	05/20/26 10:37	05/20/26 22:55	1
Aroclor 1242	0.078	U	0.078	0.021	mg/Kg	☼	05/20/26 10:37	05/20/26 22:55	1
Aroclor 1248	0.078	U	0.078	0.021	mg/Kg	☼	05/20/26 10:37	05/20/26 22:55	1
Aroclor 1254	0.078	U	0.078	0.021	mg/Kg	☼	05/20/26 10:37	05/20/26 22:55	1
Aroclor 1260	0.078	U	0.078	0.021	mg/Kg	☼	05/20/26 10:37	05/20/26 22:55	1
Aroclor-1262	0.078	U	0.078	0.021	mg/Kg	☼	05/20/26 10:37	05/20/26 22:55	1
Aroclor 1268	0.078	U	0.078	0.021	mg/Kg	☼	05/20/26 10:37	05/20/26 22:55	1
Polychlorinated biphenyls, Total	0.078	U	0.078	0.021	mg/Kg	☼	05/20/26 10:37	05/20/26 22:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*108*		*10 - 150*	*05/20/26 10:37*	*05/20/26 22:55*	*1*
DCB Decachlorobiphenyl	*136*		*10 - 150*	*05/20/26 10:37*	*05/20/26 22:55*	*1*
Tetrachloro-m-xylene	*98*		*10 - 150*	*05/20/26 10:37*	*05/20/26 22:55*	*1*
Tetrachloro-m-xylene	*102*		*10 - 150*	*05/20/26 10:37*	*05/20/26 22:55*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 22:04	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 22:04	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 22:04	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 22:04	1
Perfluorooctanoic acid (PFOA)	0.19	U	0.19	0.058	ug/Kg	☼	05/22/26 14:24	05/26/26 22:04	1
Perfluorononanoic acid (PFNA)	**0.30**		0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 22:04	1
Perfluorodecanoic acid (PFDA)	**0.083**	**J**	0.19	0.058	ug/Kg	☼	05/22/26 14:24	05/26/26 22:04	1
Perfluoroundecanoic acid (PFUnA)	**3.34**		0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 22:04	1
Perfluorododecanoic acid (PFDoA)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 22:04	1
Perfluorotridecanoic acid (PFTrDA)	**0.35**		0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 22:04	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 22:04	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 22:04	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 22:04	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 22:04	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 22:04	1
Perfluorooctanesulfonic acid (PFOS)	**0.16**	**J**	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 22:04	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 22:04	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 22:04	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 22:04	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	05/22/26 14:24	05/26/26 22:04	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	05/22/26 14:24	05/26/26 22:04	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	05/22/26 14:24	05/26/26 22:04	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 22:04	1

Client: Haley & Aldrich Inc
Job ID: 460-351338-1
Project/Site: Former Port Mobil

Client Sample ID: ISS-44_0-4
Lab Sample ID: 460-351338-18
Date Collected: 05/19/26 13:30
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 85.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 22:04	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 22:04	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 22:04	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 22:04	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.97	U	0.97	0.49	ug/Kg	☼	05/22/26 14:24	05/26/26 22:04	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.97	U	0.97	0.49	ug/Kg	☼	05/22/26 14:24	05/26/26 22:04	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 22:04	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 22:04	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 22:04	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 22:04	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 22:04	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 22:04	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 22:04	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.097	ug/Kg	☼	05/22/26 14:24	05/26/26 22:04	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.19	ug/Kg	☼	05/22/26 14:24	05/26/26 22:04	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.97	U	0.97	0.49	ug/Kg	☼	05/22/26 14:24	05/26/26 22:04	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.97	U	0.97	0.49	ug/Kg	☼	05/22/26 14:24	05/26/26 22:04	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*86.5*		*8 - 130*	*05/22/26 14:24*	*05/26/26 22:04*	*1*
13C5 PFPeA	*90.9*		*35 - 130*	*05/22/26 14:24*	*05/26/26 22:04*	*1*
13C5 PFHxA	*91.5*		*40 - 130*	*05/22/26 14:24*	*05/26/26 22:04*	*1*
13C4 PFHpA	*90.4*		*40 - 130*	*05/22/26 14:24*	*05/26/26 22:04*	*1*
13C8 PFOA	*83.7*		*40 - 130*	*05/22/26 14:24*	*05/26/26 22:04*	*1*
13C9 PFNA	*88.2*		*40 - 130*	*05/22/26 14:24*	*05/26/26 22:04*	*1*
13C6 PFDA	*81.3*		*40 - 130*	*05/22/26 14:24*	*05/26/26 22:04*	*1*
13C7 PFUnA	*70.9*		*40 - 130*	*05/22/26 14:24*	*05/26/26 22:04*	*1*
13C2 PFTeDA	*46.0*		*20 - 130*	*05/22/26 14:24*	*05/26/26 22:04*	*1*
13C3 PFBS	*80.0*		*40 - 135*	*05/22/26 14:24*	*05/26/26 22:04*	*1*
13C3 PFHxS	*83.6*		*40 - 130*	*05/22/26 14:24*	*05/26/26 22:04*	*1*
13C8 PFOS	*84.6*		*40 - 130*	*05/22/26 14:24*	*05/26/26 22:04*	*1*
13C8 FOSA	*71.6*		*40 - 130*	*05/22/26 14:24*	*05/26/26 22:04*	*1*
d3-NMeFOSAA	*58.5*		*40 - 135*	*05/22/26 14:24*	*05/26/26 22:04*	*1*
d5-NEtFOSAA	*80.0*		*40 - 150*	*05/22/26 14:24*	*05/26/26 22:04*	*1*
13C2 4:2 FTS	*56.1*		*40 - 165*	*05/22/26 14:24*	*05/26/26 22:04*	*1*
13C2 6:2 FTS	*55.2*		*40 - 215*	*05/22/26 14:24*	*05/26/26 22:04*	*1*
13C2 8:2 FTS	*63.2*		*40 - 275*	*05/22/26 14:24*	*05/26/26 22:04*	*1*

Client Sample ID: ISS-44_0-4

Lab Sample ID: 460-351338-18

Date Collected: 05/19/26 13:30
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 85.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 HFPO-DA	87.7		40 - 130	05/22/26 14:24	05/26/26 22:04	1
d7-N-MeFOSE-M	39.1		20 - 130	05/22/26 14:24	05/26/26 22:04	1
d9-N-EtFOSE-M	35.5		15 - 130	05/22/26 14:24	05/26/26 22:04	1
d5-NEtPFOSA	56.2		10 - 130	05/22/26 14:24	05/26/26 22:04	1
d3-NMePFOSA	62.8		10 - 130	05/22/26 14:24	05/26/26 22:04	1
13C2 PFDoA	66.7		40 - 130	05/22/26 14:24	05/26/26 22:04	1
13C3-3:3 FTCA	87.5		20 - 150	05/22/26 14:24	05/26/26 22:04	1
13C3-5:3 FTCA	64.5		20 - 150	05/22/26 14:24	05/26/26 22:04	1
13C3-PFDoS	44.6		20 - 150	05/22/26 14:24	05/26/26 22:04	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	10600		21.0	5.8	mg/Kg	☼	05/20/26 06:32	05/20/26 13:50	1
Antimony	0.16	J	1.0	0.063	mg/Kg	☼	05/20/26 06:32	05/20/26 13:50	1
Arsenic	3.8		1.0	0.11	mg/Kg	☼	05/20/26 06:32	05/20/26 13:50	1
Barium	45.6		2.1	0.15	mg/Kg	☼	05/20/26 06:32	05/20/26 13:50	1
Beryllium	0.44		0.42	0.023	mg/Kg	☼	05/20/26 06:32	05/20/26 13:50	1
Cadmium	0.25	J	0.52	0.12	mg/Kg	☼	05/20/26 06:32	05/20/26 13:50	1
Calcium	9830		105	10.2	mg/Kg	☼	05/20/26 06:32	05/20/26 13:50	1
Chromium	16.3		2.1	0.31	mg/Kg	☼	05/20/26 06:32	05/20/26 13:50	1
Cobalt	7.7		1.0	0.16	mg/Kg	☼	05/20/26 06:32	05/20/26 13:50	1
Copper	21.9		2.1	0.39	mg/Kg	☼	05/20/26 06:32	05/20/26 13:50	1
Iron	17300		62.9	8.0	mg/Kg	☼	05/20/26 06:32	05/20/26 13:50	1
Lead	23.9		0.63	0.21	mg/Kg	☼	05/20/26 06:32	05/20/26 13:50	1
Magnesium	2830		105	10.7	mg/Kg	☼	05/20/26 06:32	05/20/26 13:50	1
Manganese	228		4.2	0.42	mg/Kg	☼	05/20/26 06:32	05/20/26 13:50	1
Nickel	11.1		2.1	0.19	mg/Kg	☼	05/20/26 06:32	05/20/26 13:50	1
Potassium	1270		105	6.5	mg/Kg	☼	05/20/26 06:32	05/20/26 13:50	1
Selenium	0.40	J	1.3	0.13	mg/Kg	☼	05/20/26 06:32	05/20/26 13:50	1
Silver	0.42	U	0.42	0.093	mg/Kg	☼	05/20/26 06:32	05/20/26 13:50	1
Sodium	114		105	18.1	mg/Kg	☼	05/20/26 06:32	05/20/26 13:50	1
Thallium	0.097	J	0.42	0.043	mg/Kg	☼	05/20/26 06:32	05/20/26 13:50	1
Vanadium	22.5		2.1	0.22	mg/Kg	☼	05/20/26 06:32	05/20/26 13:50	1
Zinc	57.1		8.4	1.1	mg/Kg	☼	05/20/26 06:32	05/20/26 13:50	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.020		0.019	0.0066	mg/Kg	☼	05/21/26 01:28	05/21/26 07:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	14.8		1.0	1.0	%			05/19/26 18:47	1
Percent Solids (EPA Moisture)	85.2		1.0	1.0	%			05/19/26 18:47	1

Client Sample ID: ISS-39_A

Lab Sample ID: 460-351338-19

Date Collected: 05/19/26 13:35
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 94.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.082	U *	0.082	0.023	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50

Client Sample ID: ISS-39_A
Date Collected: 05/19/26 13:35
Date Received: 05/19/26 16:51

Lab Sample ID: 460-351338-19
Matrix: Solid
Percent Solids: 94.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	0.082	U	0.082	0.016	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.082	U	0.082	0.028	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
1,1,2-Trichloroethane	0.082	U	0.082	0.017	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
1,1-Dichloroethane	0.082	U	0.082	0.020	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
1,1-Dichloroethene	0.082	U	0.082	0.022	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
1,2,3-Trichlorobenzene	0.082	U	0.082	0.029	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
1,2,4-Trichlorobenzene	0.082	U	0.082	0.022	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
1,2,4-Trimethylbenzene	**2.8**		0.082	0.019	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
1,2-Dibromo-3-Chloropropane	0.082	U	0.082	0.017	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
1,2-Dichlorobenzene	0.082	U	0.082	0.018	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
1,2-Dichloroethane	0.082	U	0.082	0.021	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
1,2-Dichloropropane	0.082	U	0.082	0.015	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
1,3,5-Trimethylbenzene	**0.87**		0.082	0.021	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
1,3-Dichlorobenzene	0.082	U	0.082	0.027	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
1,4-Dichlorobenzene	0.082	U	0.082	0.028	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
2-Butanone (MEK)	0.41	U	0.41	0.18	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
2-Hexanone	0.41	U	0.41	0.094	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
4-Methyl-2-pentanone (MIBK)	0.41	U *	0.41	0.11	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
Acetone	0.41	U	0.41	0.36	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
Benzene	0.082	U	0.082	0.017	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
Bromoform	0.082	U	0.082	0.015	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
Bromomethane	0.082	U	0.082	0.046	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
Carbon disulfide	0.082	U	0.082	0.056	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
Carbon tetrachloride	0.082	U *	0.082	0.027	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
Chlorobenzene	0.082	U	0.082	0.020	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
Chlorobromomethane	0.082	U	0.082	0.025	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
Chlorodibromomethane	0.082	U	0.082	0.018	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
Chloroethane	0.082	U	0.082	0.030	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
Chloroform	0.082	U	0.082	0.018	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
Chloromethane	0.082	U	0.082	0.033	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
cis-1,2-Dichloroethene	0.082	U	0.082	0.021	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
cis-1,3-Dichloropropene	0.082	U	0.082	0.018	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
Cyclohexane	0.082	U *	0.082	0.021	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
Dichlorobromomethane	0.082	U	0.082	0.012	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
Dichlorodifluoromethane	0.082	U	0.082	0.026	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
Ethylbenzene	**0.49**		0.082	0.025	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
Ethylene Dibromide	0.082	U *	0.082	0.016	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
Isopropylbenzene	**0.093**		0.082	0.026	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
Methyl acetate	0.41	U	0.41	0.065	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
Methyl tert-butyl ether	0.082	U	0.082	0.018	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
Methylcyclohexane	**0.19**	*	0.082	0.060	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
Methylene Chloride	0.082	U	0.082	0.017	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
m-Xylene & p-Xylene	**2.0**	*	0.082	0.023	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
n-Butylbenzene	**0.22**		0.082	0.022	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
N-Propylbenzene	**0.45**		0.082	0.024	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
o-Xylene	**0.60**		0.082	0.026	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
sec-Butylbenzene	**0.070**	**J**	0.082	0.026	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
Styrene	0.082	U *	0.082	0.014	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
tert-Butylbenzene	0.082	U	0.082	0.023	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50

Client Sample ID: ISS-39_A

Lab Sample ID: 460-351338-19

Date Collected: 05/19/26 13:35
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 94.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.082	U	0.082	0.030	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
Toluene	**0.16**		0.082	0.021	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
trans-1,2-Dichloroethene	0.082	U	0.082	0.015	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
trans-1,3-Dichloropropene	0.082	U	0.082	0.018	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
Trichloroethene	0.082	U	0.082	0.018	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
Trichlorofluoromethane	0.082	U	0.082	0.026	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
Vinyl chloride	0.082	U	0.082	0.016	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50
Xylenes, Total	**2.6**	*	0.16	0.023	mg/Kg	☼	05/19/26 20:52	05/23/26 21:18	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*60 - 150*	*05/19/26 20:52*	*05/23/26 21:18*	*50*
4-Bromofluorobenzene	*91*		*70 - 150*	*05/19/26 20:52*	*05/23/26 21:18*	*50*
Dibromofluoromethane (Surr)	*87*		*68 - 150*	*05/19/26 20:52*	*05/23/26 21:18*	*50*
Toluene-d8 (Surr)	*87*		*64 - 157*	*05/19/26 20:52*	*05/23/26 21:18*	*50*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**5.8**		1.0	1.0	%			05/19/26 18:09	1
Percent Solids (EPA Moisture)	**94.2**		1.0	1.0	%			05/19/26 18:09	1

Client Sample ID: ISS-39_B

Lab Sample ID: 460-351338-20

Date Collected: 05/19/26 13:40
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 97.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00076	U	0.00076	0.00018	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
1,1,2,2-Tetrachloroethane	0.00076	U	0.00076	0.00040	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00076	U	0.00076	0.00023	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
1,1,2-Trichloroethane	0.00076	U	0.00076	0.00046	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
1,1-Dichloroethane	0.00076	U	0.00076	0.00046	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
1,1-Dichloroethene	0.00076	U	0.00076	0.00017	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
1,2,3-Trichlorobenzene	0.00076	U	0.00076	0.00056	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
1,2,4-Trichlorobenzene	0.00076	U	0.00076	0.00027	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
1,2,4-Trimethylbenzene	0.00076	U	0.00076	0.00019	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
1,2-Dibromo-3-Chloropropane	0.00076	U	0.00076	0.00035	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
1,2-Dichlorobenzene	0.00076	U	0.00076	0.00028	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
1,2-Dichloroethane	0.00076	U	0.00076	0.00023	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
1,2-Dichloropropane	0.00076	U	0.00076	0.00032	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
1,3,5-Trimethylbenzene	**0.0059**		0.00076	0.00024	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
1,3-Dichlorobenzene	0.00076	U	0.00076	0.00028	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
1,4-Dichlorobenzene	0.00076	U	0.00076	0.00040	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
2-Butanone (MEK)	0.0038	U	0.0038	0.00028	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
2-Hexanone	0.0038	U	0.0038	0.0013	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
4-Methyl-2-pentanone (MIBK)	0.0038	U	0.0038	0.0012	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
Acetone	**0.0047**		0.0046	0.0044	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
Benzene	0.00076	U	0.00076	0.00043	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
Bromoform	0.00076	U	0.00076	0.00032	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
Bromomethane	0.0015	U	0.0015	0.00076	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
Carbon disulfide	0.00076	U	0.00076	0.00020	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1

Client Sample ID: ISS-39_B
Date Collected: 05/19/26 13:40
Date Received: 05/19/26 16:51

Lab Sample ID: 460-351338-20
Matrix: Solid
Percent Solids: 97.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.00076	U	0.00076	0.00030	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
Chlorobenzene	0.00076	U	0.00076	0.00039	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
Chlorobromomethane	0.00076	U	0.00076	0.00046	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
Chlorodibromomethane	0.00076	U	0.00076	0.00041	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
Chloroethane	0.00076	U	0.00076	0.00040	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
Chloroform	0.00076	U	0.00076	0.00074	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
Chloromethane	0.00076	U	0.00076	0.00033	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
cis-1,2-Dichloroethene	0.00076	U	0.00076	0.00027	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
cis-1,3-Dichloropropene	0.00076	U	0.00076	0.00021	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
Cyclohexane	0.00076	U	0.00076	0.00017	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
Dichlorobromomethane	0.00076	U	0.00076	0.00020	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
Dichlorodifluoromethane	0.00076	U	0.00076	0.00026	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
Ethylbenzene	0.00076	U	0.00076	0.00036	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
Ethylene Dibromide	0.00076	U	0.00076	0.00038	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
Isopropylbenzene	0.00076	U	0.00076	0.00022	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
Methyl acetate	0.0038	U	0.0038	0.0033	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
Methyl tert-butyl ether	0.00076	U	0.00076	0.00039	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
Methylcyclohexane	**0.0086**		0.00076	0.00038	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
Methylene Chloride	0.0015	U	0.0015	0.00087	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
m-Xylene & p-Xylene	0.00076	U	0.00076	0.00032	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
n-Butylbenzene	0.00076	U	0.00076	0.00022	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
N-Propylbenzene	0.00076	U	0.00076	0.00034	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
o-Xylene	**0.0011**		0.00076	0.00035	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
sec-Butylbenzene	0.00076	U	0.00076	0.00022	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
Styrene	0.00076	U	0.00076	0.00021	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
tert-Butylbenzene	0.00076	U	0.00076	0.00021	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
Tetrachloroethene	0.00076	U	0.00076	0.00023	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
Toluene	**0.00046**	**J**	0.00076	0.00018	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
trans-1,2-Dichloroethene	0.00076	U	0.00076	0.00019	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
trans-1,3-Dichloropropene	0.00076	U	0.00076	0.00020	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
Trichloroethene	0.00076	U	0.00076	0.00025	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
Trichlorofluoromethane	0.00076	U	0.00076	0.00031	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
Vinyl chloride	0.00076	U	0.00076	0.00042	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1
Xylenes, Total	**0.0011**	**J**	0.0015	0.00032	mg/Kg	☼	05/19/26 21:06	05/21/26 00:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*65 - 138*	*05/19/26 21:06*	*05/21/26 00:56*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*05/19/26 21:06*	*05/21/26 00:56*	*1*
Dibromofluoromethane (Surr)	*97*		*65 - 139*	*05/19/26 21:06*	*05/21/26 00:56*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*	*05/19/26 21:06*	*05/21/26 00:56*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.6**		1.0	1.0	%			05/19/26 18:09	1
Percent Solids (EPA Moisture)	**97.4**		1.0	1.0	%			05/19/26 18:09	1

Client Sample ID: ISS-39_C
Lab Sample ID: 460-351338-21
Date Collected: 05/19/26 13:45
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 88.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.7	U	1.7	0.47	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
1,1,2,2-Tetrachloroethane	1.7	U	1.7	0.33	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
1,1,2-Trichloro-1,2,2-trifluoroethane	1.7	U	1.7	0.57	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
1,1,2-Trichloroethane	1.7	U	1.7	0.34	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
1,1-Dichloroethane	1.7	U	1.7	0.40	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
1,1-Dichloroethene	1.7	U	1.7	0.45	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
1,2,3-Trichlorobenzene	1.7	U	1.7	0.59	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
1,2,4-Trichlorobenzene	1.7	U	1.7	0.46	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
1,2,4-Trimethylbenzene	**190**		1.7	0.39	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
1,2-Dibromo-3-Chloropropane	1.7	U	1.7	0.36	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
1,2-Dichlorobenzene	1.7	U	1.7	0.37	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
1,2-Dichloroethane	1.7	U	1.7	0.42	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
1,2-Dichloropropane	1.7	U	1.7	0.30	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
1,3,5-Trimethylbenzene	**4.9**		1.7	0.42	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
1,3-Dichlorobenzene	1.7	U	1.7	0.56	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
1,4-Dichlorobenzene	1.7	U	1.7	0.56	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
2-Butanone (MEK)	8.4	U	8.4	3.7	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
2-Hexanone	8.4	U	8.4	1.9	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
4-Methyl-2-pentanone (MIBK)	8.4	U	8.4	2.2	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
Acetone	8.4	U	8.4	7.5	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
Benzene	1.7	U	1.7	0.34	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
Bromoform	1.7	U	1.7	0.30	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
Bromomethane	1.7	U	1.7	0.93	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
Carbon disulfide	1.7	U	1.7	1.1	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
Carbon tetrachloride	1.7	U	1.7	0.56	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
Chlorobenzene	1.7	U	1.7	0.40	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
Chlorobromomethane	1.7	U	1.7	0.51	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
Chlorodibromomethane	1.7	U	1.7	0.37	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
Chloroethane	1.7	U	1.7	0.62	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
Chloroform	1.7	U	1.7	0.37	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
Chloromethane	1.7	U	1.7	0.68	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
cis-1,2-Dichloroethene	1.7	U	1.7	0.44	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
cis-1,3-Dichloropropene	1.7	U	1.7	0.37	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
Cyclohexane	**75**		1.7	0.44	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
Dichlorobromomethane	1.7	U	1.7	0.25	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
Dichlorodifluoromethane	1.7	U	1.7	0.52	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
Ethylbenzene	**24**		1.7	0.51	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
Ethylene Dibromide	1.7	U	1.7	0.32	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
Isopropylbenzene	**18**		1.7	0.54	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
Methyl acetate	8.4	U	8.4	1.3	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
Methyl tert-butyl ether	1.7	U	1.7	0.36	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
Methylcyclohexane	**530**		1.7	1.2	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
Methylene Chloride	1.7	U	1.7	0.35	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
m-Xylene & p-Xylene	**4.7**		1.7	0.47	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
n-Butylbenzene	**12**		1.7	0.46	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
N-Propylbenzene	**18**		1.7	0.49	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
o-Xylene	**0.55**	**J**	1.7	0.54	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
sec-Butylbenzene	**8.4**		1.7	0.52	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
Styrene	1.7	U	1.7	0.29	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000

Client Sample ID: ISS-39_C

Lab Sample ID: 460-351338-21

Date Collected: 05/19/26 13:45
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 88.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	**2.3**		1.7	0.47	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
Tetrachloroethene	1.7	U	1.7	0.61	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
Toluene	1.7	U	1.7	0.42	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
trans-1,2-Dichloroethene	1.7	U	1.7	0.30	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
trans-1,3-Dichloropropene	1.7	U	1.7	0.37	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
Trichloroethene	1.7	U	1.7	0.37	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
Trichlorofluoromethane	1.7	U	1.7	0.54	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
Vinyl chloride	1.7	U	1.7	0.34	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000
Xylenes, Total	**5.2**		3.4	0.47	mg/Kg	☼	05/19/26 20:53	05/26/26 12:32	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*60 - 150*	*05/19/26 20:53*	*05/26/26 12:32*	*1000*
4-Bromofluorobenzene	*97*		*70 - 150*	*05/19/26 20:53*	*05/26/26 12:32*	*1000*
Dibromofluoromethane (Surr)	*93*		*68 - 150*	*05/19/26 20:53*	*05/26/26 12:32*	*1000*
Toluene-d8 (Surr)	*97*		*64 - 157*	*05/19/26 20:53*	*05/26/26 12:32*	*1000*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.8**		1.0	1.0	%			05/19/26 18:47	1
Percent Solids (EPA Moisture)	**88.2**		1.0	1.0	%			05/19/26 18:47	1

Client Sample ID: ISS-39_D

Lab Sample ID: 460-351338-22

Date Collected: 05/19/26 13:50
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 92.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00074	U	0.00074	0.00017	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
1,1,2,2-Tetrachloroethane	0.00074	U	0.00074	0.00039	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00074	U	0.00074	0.00022	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
1,1,2-Trichloroethane	0.00074	U	0.00074	0.00044	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
1,1-Dichloroethane	0.00074	U	0.00074	0.00044	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
1,1-Dichloroethene	0.00074	U	0.00074	0.00017	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
1,2,3-Trichlorobenzene	0.00074	U	0.00074	0.00054	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
1,2,4-Trichlorobenzene	0.00074	U	0.00074	0.00026	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
1,2,4-Trimethylbenzene	**0.0021**		0.00074	0.00018	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
1,2-Dibromo-3-Chloropropane	0.00074	U	0.00074	0.00034	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
1,2-Dichlorobenzene	0.00074	U	0.00074	0.00027	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
1,2-Dichloroethane	0.00074	U	0.00074	0.00022	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
1,2-Dichloropropane	0.00074	U	0.00074	0.00031	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
1,3,5-Trimethylbenzene	**0.00072**	**J**	0.00074	0.00023	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
1,3-Dichlorobenzene	0.00074	U	0.00074	0.00027	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
1,4-Dichlorobenzene	0.00074	U	0.00074	0.00038	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
2-Butanone (MEK)	**0.018**		0.0037	0.00027	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
2-Hexanone	0.0037	U	0.0037	0.0013	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
4-Methyl-2-pentanone (MIBK)	0.0037	U	0.0037	0.0011	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
Acetone	**0.057**		0.0044	0.0042	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
Benzene	0.00074	U	0.00074	0.00042	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
Bromoform	0.00074	U *	0.00074	0.00031	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
Bromomethane	0.0015	U	0.0015	0.00074	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1

Client Sample ID: ISS-39_D
Date Collected: 05/19/26 13:50
Date Received: 05/19/26 16:51

Lab Sample ID: 460-351338-22
Matrix: Solid
Percent Solids: 92.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	**0.00047**	**J**	0.00074	0.00020	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
Carbon tetrachloride	0.00074	U *	0.00074	0.00029	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
Chlorobenzene	0.00074	U	0.00074	0.00037	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
Chlorobromomethane	0.00074	U	0.00074	0.00044	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
Chlorodibromomethane	0.00074	U *	0.00074	0.00040	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
Chloroethane	0.00074	U	0.00074	0.00039	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
Chloroform	0.00074	U	0.00074	0.00072	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
Chloromethane	0.00074	U	0.00074	0.00032	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
cis-1,2-Dichloroethene	0.00074	U	0.00074	0.00026	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
cis-1,3-Dichloropropene	0.00074	U	0.00074	0.00020	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
Cyclohexane	**0.039**		0.00074	0.00016	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
Dichlorobromomethane	0.00074	U	0.00074	0.00019	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
Dichlorodifluoromethane	0.00074	U	0.00074	0.00025	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
Ethylbenzene	**0.0012**		0.00074	0.00035	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
Ethylene Dibromide	0.00074	U	0.00074	0.00037	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
Isopropylbenzene	**0.0044**		0.00074	0.00021	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
Methyl acetate	0.0037	U	0.0037	0.0032	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
Methyl tert-butyl ether	0.00074	U	0.00074	0.00038	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
Methylcyclohexane	**0.12**		0.00074	0.00037	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
Methylene Chloride	0.0015	U	0.0015	0.00084	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
m-Xylene & p-Xylene	**0.0045**		0.00074	0.00031	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
n-Butylbenzene	**0.016**		0.00074	0.00022	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
N-Propylbenzene	**0.0064**		0.00074	0.00033	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
o-Xylene	**0.0013**		0.00074	0.00034	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
sec-Butylbenzene	**0.0098**		0.00074	0.00021	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
Styrene	0.00074	U	0.00074	0.00021	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
tert-Butylbenzene	**0.0011**		0.00074	0.00020	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
Tetrachloroethene	0.00074	U	0.00074	0.00023	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
Toluene	**0.0016**		0.00074	0.00017	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
trans-1,2-Dichloroethene	0.00074	U	0.00074	0.00018	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
trans-1,3-Dichloropropene	0.00074	U	0.00074	0.00020	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
Trichloroethene	0.00074	U	0.00074	0.00024	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
Trichlorofluoromethane	0.00074	U	0.00074	0.00030	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
Vinyl chloride	0.00074	U	0.00074	0.00040	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1
Xylenes, Total	**0.0059**		0.0015	0.00031	mg/Kg	☼	05/19/26 21:07	05/26/26 14:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*	*05/19/26 21:07*	*05/26/26 14:59*	*1*
4-Bromofluorobenzene	*88*		*71 - 128*	*05/19/26 21:07*	*05/26/26 14:59*	*1*
Dibromofluoromethane (Surr)	*100*		*65 - 139*	*05/19/26 21:07*	*05/26/26 14:59*	*1*
Toluene-d8 (Surr)	*277*	*	*71 - 126*	*05/19/26 21:07*	*05/26/26 14:59*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.8**		1.0	1.0	%			05/19/26 18:47	1
Percent Solids (EPA Moisture)	**92.2**		1.0	1.0	%			05/19/26 18:47	1

Client: Haley & Aldrich Inc
Job ID: 460-351338-1
Project/Site: Former Port Mobil

Client Sample ID: ISS-39_0-4
Lab Sample ID: 460-351338-23
Date Collected: 05/19/26 14:00
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 92.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.0031	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.0080	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
1,4-Dioxane	0.036	U	0.036	0.027	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.016	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.0068	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.016	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.011	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
2,4-Dimethylphenol	0.36	U	0.36	0.019	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
2,4-Dinitrophenol	0.29	U	0.29	0.13	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
2,4-Dinitrotoluene	0.072	U	0.072	0.014	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
2,6-Dinitrotoluene	0.072	U	0.072	0.012	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
2-Chloronaphthalene	0.36	U	0.36	0.0039	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
2-Chlorophenol	0.36	U	0.36	0.0092	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
2-Methylnaphthalene	**0.029**	**J**	0.36	0.0052	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
2-Methylphenol	0.22	U	0.22	0.010	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
2-Nitroaniline	0.36	U	0.36	0.021	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
2-Nitrophenol	0.36	U	0.36	0.021	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
3 & 4 Methylphenol	0.22	U	0.22	0.022	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.015	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
3-Nitroaniline	0.36	U	0.36	0.025	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.024	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.0066	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.016	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
4-Chloroaniline	0.36	U	0.36	0.017	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.0095	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
4-Methylphenol	0.36	U	0.36	0.018	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
4-Nitroaniline	0.36	U	0.36	0.023	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
4-Nitrophenol	0.72	U	0.72	0.046	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
Acenaphthene	0.36	U	0.36	0.0052	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
Acenaphthylene	0.36	U	0.36	0.0044	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
Acetophenone	0.36	U	0.36	0.015	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
Anthracene	0.36	U	0.36	0.0035	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
Atrazine	0.14	U *	0.14	0.0094	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
Benzaldehyde	0.36	U	0.36	0.015	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
Benzo[a]anthracene	0.036	U	0.036	0.0033	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
Benzo[a]pyrene	0.036	U	0.036	0.0065	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0053	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.0060	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0054	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.016	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.016	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.012	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
Butyl benzyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
Caprolactam	0.36	U *	0.36	0.022	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
Carbazole	0.36	U	0.36	0.0099	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
Chrysene	0.36	U	0.36	0.0039	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.0074	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
Dibenzofuran	0.36	U	0.36	0.0056	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1

Client Sample ID: ISS-39_0-4
Date Collected: 05/19/26 14:00
Date Received: 05/19/26 16:51

Lab Sample ID: 460-351338-23
Matrix: Solid
Percent Solids: 92.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.0061	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
Dimethyl phthalate	0.36	U	0.36	0.0042	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
Di-n-butyl phthalate	0.36	U	0.36	0.0089	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
Di-n-octyl phthalate	0.36	U	0.36	0.016	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
Fluoranthene	0.36	U	0.36	0.0064	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
Fluorene	0.36	U	0.36	0.0066	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
Hexachlorobenzene	0.036	U	0.036	0.0066	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
Hexachlorobutadiene	0.072	U	0.072	0.0068	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.020	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
Hexachloroethane	0.036	U	0.036	0.0093	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.024	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
Isophorone	0.14	U	0.14	0.0083	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
Naphthalene	**0.026**	**J**	0.36	0.0029	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
Nitrobenzene	0.036	U	0.036	0.016	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.017	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.0063	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
Pentachlorophenol	0.29	U	0.29	0.024	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
Phenanthrene	0.36	U	0.36	0.0061	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
Phenol	0.22	U	0.22	0.020	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1
Pyrene	0.36	U	0.36	0.0058	mg/Kg	☼	05/19/26 20:47	05/20/26 08:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*68*		*18 - 137*	*05/19/26 20:47*	*05/20/26 08:31*	*1*
2-Fluorobiphenyl	*69*		*33 - 117*	*05/19/26 20:47*	*05/20/26 08:31*	*1*
2-Fluorophenol (Surr)	*69*		*24 - 120*	*05/19/26 20:47*	*05/20/26 08:31*	*1*
Nitrobenzene-d5 (Surr)	*66*		*27 - 120*	*05/19/26 20:47*	*05/20/26 08:31*	*1*
Phenol-d5 (Surr)	*68*		*28 - 118*	*05/19/26 20:47*	*05/20/26 08:31*	*1*
Terphenyl-d14 (Surr)	*73*		*33 - 124*	*05/19/26 20:47*	*05/20/26 08:31*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0022	U	0.0022	0.00088	mg/Kg	☼	05/20/26 10:39	05/21/26 11:37	1
4,4'-DDE	0.0022	U	0.0022	0.00056	mg/Kg	☼	05/20/26 10:39	05/21/26 11:37	1
4,4'-DDT	0.0022	U	0.0022	0.00073	mg/Kg	☼	05/20/26 10:39	05/21/26 11:37	1
Aldrin	0.0022	U	0.0022	0.00033	mg/Kg	☼	05/20/26 10:39	05/21/26 11:37	1
alpha-BHC	0.0022	U	0.0022	0.00036	mg/Kg	☼	05/20/26 10:39	05/21/26 11:37	1
beta-BHC	0.0022	U	0.0022	0.00043	mg/Kg	☼	05/20/26 10:39	05/21/26 11:37	1
Chlordane (technical)	0.072	U	0.072	0.018	mg/Kg	☼	05/20/26 10:39	05/21/26 11:37	1
cis-Chlordane	0.0022	U	0.0022	0.00022	mg/Kg	☼	05/20/26 10:39	05/21/26 11:37	1
delta-BHC	0.0022	U	0.0022	0.00031	mg/Kg	☼	05/20/26 10:39	05/21/26 11:37	1
Dieldrin	0.0022	U	0.0022	0.00062	mg/Kg	☼	05/20/26 10:39	05/21/26 11:37	1
Endosulfan I	0.0022	U	0.0022	0.00027	mg/Kg	☼	05/20/26 10:39	05/21/26 11:37	1
Endosulfan II	0.0022	U	0.0022	0.00037	mg/Kg	☼	05/20/26 10:39	05/21/26 11:37	1
Endosulfan sulfate	0.0022	U	0.0022	0.00047	mg/Kg	☼	05/20/26 10:39	05/21/26 11:37	1
Endrin	0.0022	U	0.0022	0.00021	mg/Kg	☼	05/20/26 10:39	05/21/26 11:37	1
Endrin aldehyde	0.0022	U	0.0022	0.00043	mg/Kg	☼	05/20/26 10:39	05/21/26 11:37	1
Endrin ketone	0.0022	U	0.0022	0.00033	mg/Kg	☼	05/20/26 10:39	05/21/26 11:37	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00021	mg/Kg	☼	05/20/26 10:39	05/21/26 11:37	1
Heptachlor	0.0022	U	0.0022	0.00027	mg/Kg	☼	05/20/26 10:39	05/21/26 11:37	1
Heptachlor epoxide	0.0022	U	0.0022	0.00041	mg/Kg	☼	05/20/26 10:39	05/21/26 11:37	1

Client Sample ID: ISS-39_0-4
Date Collected: 05/19/26 14:00
Date Received: 05/19/26 16:51

Lab Sample ID: 460-351338-23
Matrix: Solid
Percent Solids: 92.2

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0022	U	0.0022	0.00082	mg/Kg	☼	05/20/26 10:39	05/21/26 11:37	1
Toxaphene	0.072	U	0.072	0.026	mg/Kg	☼	05/20/26 10:39	05/21/26 11:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*114*		*10 - 150*	*05/20/26 10:39*	*05/21/26 11:37*	*1*
DCB Decachlorobiphenyl	*112*		*10 - 150*	*05/20/26 10:39*	*05/21/26 11:37*	*1*
Tetrachloro-m-xylene	*82*		*14 - 150*	*05/20/26 10:39*	*05/21/26 11:37*	*1*
Tetrachloro-m-xylene	*86*		*14 - 150*	*05/20/26 10:39*	*05/21/26 11:37*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.072	U	0.072	0.019	mg/Kg	☼	05/20/26 10:37	05/20/26 23:12	1
Aroclor 1221	0.072	U	0.072	0.019	mg/Kg	☼	05/20/26 10:37	05/20/26 23:12	1
Aroclor 1232	0.072	U	0.072	0.019	mg/Kg	☼	05/20/26 10:37	05/20/26 23:12	1
Aroclor 1242	0.072	U	0.072	0.019	mg/Kg	☼	05/20/26 10:37	05/20/26 23:12	1
Aroclor 1248	0.072	U	0.072	0.019	mg/Kg	☼	05/20/26 10:37	05/20/26 23:12	1
Aroclor 1254	0.072	U	0.072	0.019	mg/Kg	☼	05/20/26 10:37	05/20/26 23:12	1
Aroclor 1260	0.072	U	0.072	0.019	mg/Kg	☼	05/20/26 10:37	05/20/26 23:12	1
Aroclor-1262	0.072	U	0.072	0.019	mg/Kg	☼	05/20/26 10:37	05/20/26 23:12	1
Aroclor 1268	0.072	U	0.072	0.019	mg/Kg	☼	05/20/26 10:37	05/20/26 23:12	1
Polychlorinated biphenyls, Total	0.072	U	0.072	0.019	mg/Kg	☼	05/20/26 10:37	05/20/26 23:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*113*		*10 - 150*	*05/20/26 10:37*	*05/20/26 23:12*	*1*
DCB Decachlorobiphenyl	*142*		*10 - 150*	*05/20/26 10:37*	*05/20/26 23:12*	*1*
Tetrachloro-m-xylene	*98*		*10 - 150*	*05/20/26 10:37*	*05/20/26 23:12*	*1*
Tetrachloro-m-xylene	*96*		*10 - 150*	*05/20/26 10:37*	*05/20/26 23:12*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 22:18	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 22:18	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 22:18	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 22:18	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.059	ug/Kg	☼	05/22/26 14:24	05/26/26 22:18	1
Perfluorononanoic acid (PFNA)	**0.22**		0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 22:18	1
Perfluorodecanoic acid (PFDA)	**0.089**	**J**	0.20	0.059	ug/Kg	☼	05/22/26 14:24	05/26/26 22:18	1
Perfluoroundecanoic acid (PFUnA)	**1.16**		0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 22:18	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 22:18	1
Perfluorotridecanoic acid (PFTrDA)	**1.23**		0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 22:18	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 22:18	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 22:18	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 22:18	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 22:18	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 22:18	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 22:18	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 22:18	1

Client: Haley & Aldrich Inc
Project/Site: Former Port Mobil

Job ID: 460-351338-1

Client Sample ID: ISS-39_0-4
Date Collected: 05/19/26 14:00
Date Received: 05/19/26 16:51

Lab Sample ID: 460-351338-23
Matrix: Solid
Percent Solids: 92.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 22:18	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 22:18	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	05/22/26 14:24	05/26/26 22:18	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	05/22/26 14:24	05/26/26 22:18	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	05/22/26 14:24	05/26/26 22:18	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 22:18	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 22:18	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 22:18	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 22:18	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 22:18	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	05/22/26 14:24	05/26/26 22:18	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.49	ug/Kg	☼	05/22/26 14:24	05/26/26 22:18	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 22:18	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 22:18	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 22:18	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 22:18	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 22:18	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 22:18	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 22:18	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	05/22/26 14:24	05/26/26 22:18	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	05/22/26 14:24	05/26/26 22:18	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	05/22/26 14:24	05/26/26 22:18	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.49	ug/Kg	☼	05/22/26 14:24	05/26/26 22:18	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*103*		*8 - 130*	*05/22/26 14:24*	*05/26/26 22:18*	*1*
13C5 PFPeA	*104*		*35 - 130*	*05/22/26 14:24*	*05/26/26 22:18*	*1*
13C5 PFHxA	*102*		*40 - 130*	*05/22/26 14:24*	*05/26/26 22:18*	*1*
13C4 PFHpA	*100*		*40 - 130*	*05/22/26 14:24*	*05/26/26 22:18*	*1*
13C8 PFOA	*95.3*		*40 - 130*	*05/22/26 14:24*	*05/26/26 22:18*	*1*
13C9 PFNA	*102*		*40 - 130*	*05/22/26 14:24*	*05/26/26 22:18*	*1*
13C6 PFDA	*90.4*		*40 - 130*	*05/22/26 14:24*	*05/26/26 22:18*	*1*
13C7 PFUnA	*76.8*		*40 - 130*	*05/22/26 14:24*	*05/26/26 22:18*	*1*
13C2 PFTeDA	*46.9*		*20 - 130*	*05/22/26 14:24*	*05/26/26 22:18*	*1*

Client Sample ID: ISS-39_0-4
Date Collected: 05/19/26 14:00
Date Received: 05/19/26 16:51

Lab Sample ID: 460-351338-23
Matrix: Solid
Percent Solids: 92.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	93.4		40 - 135	05/22/26 14:24	05/26/26 22:18	1
13C3 PFHxS	90.1		40 - 130	05/22/26 14:24	05/26/26 22:18	1
13C8 PFOS	84.6		40 - 130	05/22/26 14:24	05/26/26 22:18	1
13C8 FOSA	74.1		40 - 130	05/22/26 14:24	05/26/26 22:18	1
d3-NMeFOSAA	59.4		40 - 135	05/22/26 14:24	05/26/26 22:18	1
d5-NEtFOSAA	54.0		40 - 150	05/22/26 14:24	05/26/26 22:18	1
13C2 4:2 FTS	71.5		40 - 165	05/22/26 14:24	05/26/26 22:18	1
13C2 6:2 FTS	63.7		40 - 215	05/22/26 14:24	05/26/26 22:18	1
13C2 8:2 FTS	65.8		40 - 275	05/22/26 14:24	05/26/26 22:18	1
13C3 HFPO-DA	102		40 - 130	05/22/26 14:24	05/26/26 22:18	1
d7-N-MeFOSE-M	30.7		20 - 130	05/22/26 14:24	05/26/26 22:18	1
d9-N-EtFOSE-M	28.6		15 - 130	05/22/26 14:24	05/26/26 22:18	1
d5-NEtPFOSA	55.0		10 - 130	05/22/26 14:24	05/26/26 22:18	1
d3-NMePFOSA	62.7		10 - 130	05/22/26 14:24	05/26/26 22:18	1
13C2 PFDoA	70.2		40 - 130	05/22/26 14:24	05/26/26 22:18	1
13C3-3:3 FTCA	115		20 - 150	05/22/26 14:24	05/26/26 22:18	1
13C3-5:3 FTCA	90.5		20 - 150	05/22/26 14:24	05/26/26 22:18	1
13C3-PFDoS	41.5		20 - 150	05/22/26 14:24	05/26/26 22:18	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3230		19.4	5.3	mg/Kg	☼	05/20/26 06:32	05/20/26 13:53	1
Antimony	0.38	J	0.97	0.058	mg/Kg	☼	05/20/26 06:32	05/20/26 13:53	1
Arsenic	4.4		0.97	0.10	mg/Kg	☼	05/20/26 06:32	05/20/26 13:53	1
Barium	25.6		1.9	0.14	mg/Kg	☼	05/20/26 06:32	05/20/26 13:53	1
Beryllium	0.27	J	0.39	0.021	mg/Kg	☼	05/20/26 06:32	05/20/26 13:53	1
Cadmium	0.48	U	0.48	0.11	mg/Kg	☼	05/20/26 06:32	05/20/26 13:53	1
Calcium	1030		96.8	9.4	mg/Kg	☼	05/20/26 06:32	05/20/26 13:53	1
Chromium	6.4		1.9	0.29	mg/Kg	☼	05/20/26 06:32	05/20/26 13:53	1
Cobalt	2.3		0.97	0.14	mg/Kg	☼	05/20/26 06:32	05/20/26 13:53	1
Copper	27.8		1.9	0.36	mg/Kg	☼	05/20/26 06:32	05/20/26 13:53	1
Iron	8390		58.1	7.4	mg/Kg	☼	05/20/26 06:32	05/20/26 13:53	1
Lead	47.8		0.58	0.19	mg/Kg	☼	05/20/26 06:32	05/20/26 13:53	1
Magnesium	563		96.8	9.9	mg/Kg	☼	05/20/26 06:32	05/20/26 13:53	1
Manganese	68.4		3.9	0.39	mg/Kg	☼	05/20/26 06:32	05/20/26 13:53	1
Nickel	5.9		1.9	0.17	mg/Kg	☼	05/20/26 06:32	05/20/26 13:53	1
Potassium	414		96.8	6.0	mg/Kg	☼	05/20/26 06:32	05/20/26 13:53	1
Selenium	0.27	J	1.2	0.12	mg/Kg	☼	05/20/26 06:32	05/20/26 13:53	1
Silver	0.10	J	0.39	0.086	mg/Kg	☼	05/20/26 06:32	05/20/26 13:53	1
Sodium	35.2	J	96.8	16.8	mg/Kg	☼	05/20/26 06:32	05/20/26 13:53	1
Thallium	0.39	U	0.39	0.040	mg/Kg	☼	05/20/26 06:32	05/20/26 13:53	1
Vanadium	11.1		1.9	0.20	mg/Kg	☼	05/20/26 06:32	05/20/26 13:53	1
Zinc	22.7		7.7	1.1	mg/Kg	☼	05/20/26 06:32	05/20/26 13:53	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.033		0.018	0.0062	mg/Kg	☼	05/21/26 01:28	05/21/26 07:35	1

Client: Haley & Aldrich Inc
Job ID: 460-351338-1
Project/Site: Former Port Mobil

Client Sample ID: ISS-39_0-4
Lab Sample ID: 460-351338-23
Date Collected: 05/19/26 14:00
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 92.2

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.8		1.0	1.0	%			05/19/26 18:47	1
Percent Solids (EPA Moisture)	92.2		1.0	1.0	%			05/19/26 18:47	1

Surrogate Summary

Client: Haley & Aldrich Inc
Project/Site: Former Port Mobil

Job ID: 460-351338-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(65-138)	(71-128)	(65-139)	(71-126)
460-351338-1	ISS-37_A	103	97	105	100
460-351338-3	ISS-37_C	102	102	101	102
460-351338-5	ISS-38_A	95	97	94	103
460-351338-6	ISS-38_B	105	98	96	140 *
460-351338-8	ISS-38_D	97	90	95	105
460-351338-11	ISS-43_B	101	100	92	103
460-351338-13	ISS-43_D	98	86	89	104
460-351338-20	ISS-39_B	99	99	97	103
460-351338-22	ISS-39_D	106	88	100	277 *
LCS 460-1108993/3	Lab Control Sample	97	99	98	100
LCS 460-1109839/3	Lab Control Sample	101	100	97	106
LCSD 460-1108993/4	Lab Control Sample Dup	96	97	98	102
LCSD 460-1109839/4	Lab Control Sample Dup	98	100	99	106
MB 460-1108993/7	Method Blank	98	96	102	101
MB 460-1109839/7	Method Blank	100	99	99	104

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(60-150)	(70-150)	(68-150)	(64-157)
460-351338-2	ISS-37_B	89	89	84	89
460-351338-6	ISS-38_B	120	121	113	108
460-351338-7	ISS-38_C	88	85	80	85
460-351338-10	ISS-43_A	96	94	91	93
460-351338-12	ISS-43_C	106	107	96	100
460-351338-13 - DL	ISS-43_D	90	91	85	90
460-351338-15	ISS-44_A	101	98	101	96
460-351338-16	ISS-44_B	94	99	93	95
460-351338-17	ISS-44_C	123	120	88	107
460-351338-19	ISS-39_A	90	91	87	87
460-351338-21	ISS-39_C	102	97	93	97
LCS 460-1109613/4	Lab Control Sample	86	88	85	87
LCS 460-1109718/3	Lab Control Sample	109	111	105	105
LCS 460-1109796/5	Lab Control Sample	95	91	91	93
LCSD 460-1109613/5	Lab Control Sample Dup	90	88	86	90
LCSD 460-1109718/4	Lab Control Sample Dup	95	95	92	93
LCSD 460-1109796/6	Lab Control Sample Dup	91	93	91	89
MB 460-1109613/9	Method Blank	87	84	84	85
MB 460-1109718/8	Method Blank	90	89	90	86
MB 460-1109796/10	Method Blank	92	95	92	93

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	TBP (18-137)	FBP (33-117)	2FP (24-120)	NBZ (27-120)	PHL (28-118)	TPHL (33-124)
460-351253-C-1-A MS	Matrix Spike	82	78	77	75	77	78
460-351253-C-1-B MSD	Matrix Spike Duplicate	77	74	73	70	72	73
460-351338-4	ISS-37_0-4	72	71	70	66	69	75
460-351338-9	ISS-38_0-4	71	65	66	63	65	73
460-351338-14	ISS-43_0-4	70	68	68	65	66	72
460-351338-18	ISS-44_0-4	63	61	61	58	60	66
460-351338-23	ISS-39_0-4	68	69	69	66	68	73
LCS 460-1108693/2-A	Lab Control Sample	88	76	74	70	74	88
LCSD 460-1108693/3-A	Lab Control Sample Dup	88	81	78	77	79	87
MB 460-1108693/1-A	Method Blank	82	81	83	78	81	86

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (10-150)	DCBP2 (10-150)	TCX1 (14-150)	TCX2 (14-150)
460-351334-C-1-E MS	Matrix Spike	72	73	59	56
460-351334-C-1-F MSD	Matrix Spike Duplicate	105	107	86	84
460-351338-4	ISS-37_0-4	90	104	72	73
460-351338-9	ISS-38_0-4	98	105	79	76
460-351338-14	ISS-43_0-4	103	105	87	86
460-351338-18	ISS-44_0-4	105	103	86	85
460-351338-23	ISS-39_0-4	112	114	86	82
LCS 460-1108950/2-A	Lab Control Sample	103	108	91	88
LCSD 460-1108950/3-A	Lab Control Sample Dup	114	122	101	99
MB 460-1108950/1-A	Method Blank	101	106	86	85

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (10-150)	DCBP2 (10-150)	TCX1 (10-150)	TCX2 (10-150)
460-351334-C-1-B MS	Matrix Spike	105	94	92	88
460-351334-C-1-C MSD	Matrix Spike Duplicate	114	100	95	90

Surrogate Summary

Client: Haley & Aldrich Inc
Job ID: 460-351338-1
Project/Site: Former Port Mobil

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(10-150)	(10-150)	(10-150)	(10-150)
460-351338-4	ISS-37_0-4	113	104	71	90
460-351338-9	ISS-38_0-4	117	98	86	90
460-351338-14	ISS-43_0-4	113	99	90	89
460-351338-18	ISS-44_0-4	136	108	102	98
460-351338-23	ISS-39_0-4	142	113	96	98
LCS 460-1108949/2-A	Lab Control Sample	89	91	85	87
LCSD 460-1108949/3-A	Lab Control Sample Dup	95	94	87	88
MB 460-1108949/1-A	Method Blank	90	85	82	83

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Isotope Dilution Summary

Client: Haley & Aldrich Inc
Project/Site: Former Port Mobil

Job ID: 460-351338-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFBA	PFPeA	13C5PHA	C4PFHA	C8PFOA	C9PFNA	C6PFDA	13C7PUA
Lab Sample ID	Client Sample ID	(8-130)	(35-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)
460-351338-4	ISS-37_0-4	101	103	101	109	93.2	91.6	84.1	77.6
460-351338-9	ISS-38_0-4	87.0	96.3	91.4	92.2	83.1	87.0	70.9	61.7
460-351338-14	ISS-43_0-4	96.5	102	101	103	89.3	87.2	80.0	67.9
460-351338-18	ISS-44_0-4	86.5	90.9	91.5	90.4	83.7	88.2	81.3	70.9
460-351338-23	ISS-39_0-4	103	104	102	100	95.3	102	90.4	76.8
LCS 410-822651/2-A	Lab Control Sample	102	102	103	107	94.9	101	90.7	79.9
LLCS 410-822651/3-A	Lab Control Sample	91.3	91.2	88.0	86.4	85.4	87.3	83.2	70.6
MB 410-822651/1-A	Method Blank	95.1	99.2	96.6	101	89.2	93.5	84.5	75.6

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFTDA	C3PFBS	C3PFHS	C8PFOS	PFOSA	d3NMFOS	d5NEFOS	M242FTS
Lab Sample ID	Client Sample ID	(20-130)	(40-135)	(40-130)	(40-130)	(40-130)	(40-135)	(40-150)	(40-165)
460-351338-4	ISS-37_0-4	59.5	95.2	86.6	83.7	95.4	84.1	103	71.1
460-351338-9	ISS-38_0-4	53.5	84.6	78.7	72.3	65.0	49.4	54.5	59.5
460-351338-14	ISS-43_0-4	42.2	89.0	82.7	71.6	65.7	50.6	49.4	63.0
460-351338-18	ISS-44_0-4	46.0	80.0	83.6	84.6	71.6	58.5	80.0	56.1
460-351338-23	ISS-39_0-4	46.9	93.4	90.1	84.6	74.1	59.4	54.0	71.5
LCS 410-822651/2-A	Lab Control Sample	69.1	101	97.5	86.7	73.6	58.1	56.4	71.6
LLCS 410-822651/3-A	Lab Control Sample	57.5	84.3	82.1	80.2	66.7	55.6	51.0	57.0
MB 410-822651/1-A	Method Blank	63.7	90.9	84.4	83.1	70.0	60.3	56.1	59.7

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		M262FTS	M282FTS	HFPODA	NMFM	NEFM	d5NPFSA	d3NMFSA	PFDoA
Lab Sample ID	Client Sample ID	(40-215)	(40-275)	(40-130)	(20-130)	(15-130)	(10-130)	(10-130)	(40-130)
460-351338-4	ISS-37_0-4	79.8	83.8	101	31.0	24.7	51.0	53.8	69.9
460-351338-9	ISS-38_0-4	54.9	49.1	94.2	30.1	27.6	47.4	52.9	56.8
460-351338-14	ISS-43_0-4	62.6	58.4	96.9	19.1 *	16.4	48.0	54.5	61.0
460-351338-18	ISS-44_0-4	55.2	63.2	87.7	39.1	35.5	56.2	62.8	66.7
460-351338-23	ISS-39_0-4	63.7	65.8	102	30.7	28.6	55.0	62.7	70.2
LCS 410-822651/2-A	Lab Control Sample	77.5	73.2	103	32.7	30.2	56.7	62.0	69.3
LLCS 410-822651/3-A	Lab Control Sample	59.3	57.0	84.8	34.6	33.4	54.7	57.7	62.1
MB 410-822651/1-A	Method Blank	64.1	58.8	94.2	38.9	37.0	57.3	60.4	69.8

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		C3-3:3 FTCA	C3-5:3 FTCA	3C3-PFDoS					
Lab Sample ID	Client Sample ID	(20-150)	(20-150)	(20-150)					
460-351338-4	ISS-37_0-4	113	80.6	49.7					
460-351338-9	ISS-38_0-4	101	82.5	46.5					
460-351338-14	ISS-43_0-4	111	86.4	35.4					
460-351338-18	ISS-44_0-4	87.5	64.5	44.6					
460-351338-23	ISS-39_0-4	115	90.5	41.5					
LCS 410-822651/2-A	Lab Control Sample	116	89.7	51.6					
LLCS 410-822651/3-A	Lab Control Sample	93.7	79.1	48.1					
MB 410-822651/1-A	Method Blank	102	82.1	53.3					

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA

Isotope Dilution Summary

Client: Haley & Aldrich Inc
Job ID: 460-351338-1
Project/Site: Former Port Mobil

C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M242FTS = 13C2 4:2 FTS
M262FTS = 13C2 6:2 FTS
M282FTS = 13C2 8:2 FTS
HFPODA = 13C3 HFPO-DA
NMFM = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M
d5NPFSA = d5-NEtPFOSA
d3NMFSA = d3-NMePFOSA
PFDoA = 13C2 PFDoA
C3-3:3 FTCA = 13C3-3:3 FTCA
C3-5:3 FTCA = 13C3-5:3 FTCA
13C3-PFDoS = 13C3-PFDoS

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-1108993/7
Matrix: Solid
Analysis Batch: 1108993

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			05/20/26 19:09	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/20/26 19:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/20/26 19:09	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/20/26 19:09	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/20/26 19:09	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			05/20/26 19:09	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			05/20/26 19:09	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/20/26 19:09	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			05/20/26 19:09	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			05/20/26 19:09	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/20/26 19:09	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/20/26 19:09	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			05/20/26 19:09	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			05/20/26 19:09	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			05/20/26 19:09	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			05/20/26 19:09	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			05/20/26 19:09	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			05/20/26 19:09	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			05/20/26 19:09	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			05/20/26 19:09	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			05/20/26 19:09	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			05/20/26 19:09	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			05/20/26 19:09	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			05/20/26 19:09	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			05/20/26 19:09	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			05/20/26 19:09	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			05/20/26 19:09	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			05/20/26 19:09	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/20/26 19:09	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			05/20/26 19:09	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			05/20/26 19:09	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			05/20/26 19:09	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/20/26 19:09	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			05/20/26 19:09	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			05/20/26 19:09	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			05/20/26 19:09	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			05/20/26 19:09	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			05/20/26 19:09	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			05/20/26 19:09	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			05/20/26 19:09	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			05/20/26 19:09	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			05/20/26 19:09	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			05/20/26 19:09	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			05/20/26 19:09	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			05/20/26 19:09	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			05/20/26 19:09	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			05/20/26 19:09	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			05/20/26 19:09	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1108993/7
Matrix: Solid
Analysis Batch: 1108993

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			05/20/26 19:09	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			05/20/26 19:09	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			05/20/26 19:09	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			05/20/26 19:09	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			05/20/26 19:09	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/20/26 19:09	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			05/20/26 19:09	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			05/20/26 19:09	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			05/20/26 19:09	1
Xylenes, Total	0.0020	U	0.0020	0.00042	mg/Kg			05/20/26 19:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*65 - 138*		*05/20/26 19:09*	*1*
4-Bromofluorobenzene	*96*		*71 - 128*		*05/20/26 19:09*	*1*
Dibromofluoromethane (Surr)	*102*		*65 - 139*		*05/20/26 19:09*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*		*05/20/26 19:09*	*1*

Lab Sample ID: LCS 460-1108993/3
Matrix: Solid
Analysis Batch: 1108993

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0211		mg/Kg		105	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0209		mg/Kg		104	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0214		mg/Kg		107	56 - 142
1,1,2-Trichloroethane	0.0200	0.0210		mg/Kg		105	80 - 120
1,1-Dichloroethane	0.0200	0.0205		mg/Kg		102	72 - 120
1,1-Dichloroethene	0.0200	0.0211		mg/Kg		106	59 - 137
1,2,3-Trichlorobenzene	0.0200	0.0206		mg/Kg		103	43 - 198
1,2,4-Trichlorobenzene	0.0200	0.0200		mg/Kg		100	66 - 158
1,2,4-Trimethylbenzene	0.0200	0.0217		mg/Kg		109	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0214		mg/Kg		107	63 - 145
1,2-Dichlorobenzene	0.0200	0.0217		mg/Kg		108	80 - 120
1,2-Dichloroethane	0.0200	0.0203		mg/Kg		102	70 - 123
1,2-Dichloropropane	0.0200	0.0203		mg/Kg		101	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0215		mg/Kg		108	70 - 120
1,3-Dichlorobenzene	0.0200	0.0225		mg/Kg		112	80 - 120
1,4-Dichlorobenzene	0.0200	0.0219		mg/Kg		109	80 - 120
2-Butanone (MEK)	0.100	0.100		mg/Kg		100	64 - 128
2-Hexanone	0.100	0.102		mg/Kg		102	63 - 134
4-Methyl-2-pentanone (MIBK)	0.100	0.104		mg/Kg		104	80 - 120
Acetone	0.100	0.0899		mg/Kg		90	58 - 122
Benzene	0.0200	0.0217		mg/Kg		108	75 - 120
Bromoform	0.0200	0.0217		mg/Kg		108	61 - 125
Bromomethane	0.0200	0.0169		mg/Kg		85	37 - 150
Carbon disulfide	0.0200	0.0215		mg/Kg		107	22 - 196
Carbon tetrachloride	0.0200	0.0204		mg/Kg		102	66 - 127
Chlorobenzene	0.0200	0.0209		mg/Kg		104	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1108993/3
Matrix: Solid
Analysis Batch: 1108993

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobromomethane	0.0200	0.0208		mg/Kg		104	76 - 127
Chlorodibromomethane	0.0200	0.0210		mg/Kg		105	72 - 120
Chloroethane	0.0200	0.0191		mg/Kg		95	50 - 147
Chloroform	0.0200	0.0209		mg/Kg		105	79 - 126
Chloromethane	0.0200	0.0163		mg/Kg		82	36 - 159
cis-1,2-Dichloroethene	0.0200	0.0209		mg/Kg		104	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0207		mg/Kg		104	75 - 120
Cyclohexane	0.0200	0.0210		mg/Kg		105	65 - 132
Dichlorobromomethane	0.0200	0.0204		mg/Kg		102	77 - 124
Dichlorodifluoromethane	0.0200	0.0138		mg/Kg		69	45 - 158
Ethylbenzene	0.0200	0.0212		mg/Kg		106	80 - 120
Ethylene Dibromide	0.0200	0.0215		mg/Kg		108	79 - 120
Isopropylbenzene	0.0200	0.0216		mg/Kg		108	74 - 120
Methyl acetate	0.0400	0.0416		mg/Kg		104	51 - 143
Methyl tert-butyl ether	0.0200	0.0202		mg/Kg		101	74 - 125
Methylcyclohexane	0.0200	0.0203		mg/Kg		101	66 - 125
Methylene Chloride	0.0200	0.0201		mg/Kg		100	78 - 134
m-Xylene & p-Xylene	0.0200	0.0207		mg/Kg		103	80 - 120
n-Butylbenzene	0.0200	0.0211		mg/Kg		106	72 - 120
N-Propylbenzene	0.0200	0.0206		mg/Kg		103	75 - 120
o-Xylene	0.0200	0.0217		mg/Kg		108	80 - 120
sec-Butylbenzene	0.0200	0.0219		mg/Kg		110	78 - 120
Styrene	0.0200	0.0216		mg/Kg		108	80 - 120
tert-Butylbenzene	0.0200	0.0212		mg/Kg		106	55 - 135
Tetrachloroethene	0.0200	0.0218		mg/Kg		109	73 - 120
Toluene	0.0200	0.0207		mg/Kg		104	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0210		mg/Kg		105	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0200		mg/Kg		100	77 - 120
Trichloroethene	0.0200	0.0205		mg/Kg		103	71 - 120
Trichlorofluoromethane	0.0200	0.0187		mg/Kg		93	61 - 130
Vinyl chloride	0.0200	0.0173		mg/Kg		86	54 - 146
Xylenes, Total	0.0400	0.0424		mg/Kg		106	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*65 - 138*
4-Bromofluorobenzene	*99*		*71 - 128*
Dibromofluoromethane (Surr)	*98*		*65 - 139*
Toluene-d8 (Surr)	*100*		*71 - 126*

Lab Sample ID: LCSD 460-1108993/4
Matrix: Solid
Analysis Batch: 1108993

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0206		mg/Kg		103	78 - 120	2	30
1,1,2,2-Tetrachloroethane	0.0200	0.0200		mg/Kg		100	70 - 133	4	30
1,1,2-Trichloro-1,2,2-trifluoroetha ne	0.0200	0.0214		mg/Kg		107	56 - 142	0	30
1,1,2-Trichloroethane	0.0200	0.0209		mg/Kg		104	80 - 120	1	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1108993/4
Matrix: Solid
Analysis Batch: 1108993

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethane	0.0200	0.0201		mg/Kg		100	72 - 120	2	30
1,1-Dichloroethene	0.0200	0.0208		mg/Kg		104	59 - 137	2	30
1,2,3-Trichlorobenzene	0.0200	0.0200		mg/Kg		100	43 - 198	3	30
1,2,4-Trichlorobenzene	0.0200	0.0195		mg/Kg		97	66 - 158	2	30
1,2,4-Trimethylbenzene	0.0200	0.0210		mg/Kg		105	75 - 120	3	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0205		mg/Kg		102	63 - 145	4	30
1,2-Dichlorobenzene	0.0200	0.0210		mg/Kg		105	80 - 120	3	30
1,2-Dichloroethane	0.0200	0.0195		mg/Kg		98	70 - 123	4	30
1,2-Dichloropropane	0.0200	0.0198		mg/Kg		99	73 - 124	2	30
1,3,5-Trimethylbenzene	0.0200	0.0209		mg/Kg		104	70 - 120	3	30
1,3-Dichlorobenzene	0.0200	0.0217		mg/Kg		108	80 - 120	3	30
1,4-Dichlorobenzene	0.0200	0.0208		mg/Kg		104	80 - 120	5	30
2-Butanone (MEK)	0.100	0.0970		mg/Kg		97	64 - 128	4	30
2-Hexanone	0.100	0.102		mg/Kg		102	63 - 134	0	30
4-Methyl-2-pentanone (MIBK)	0.100	0.105		mg/Kg		105	80 - 120	1	30
Acetone	0.100	0.0876		mg/Kg		88	58 - 122	3	30
Benzene	0.0200	0.0211		mg/Kg		106	75 - 120	2	30
Bromoform	0.0200	0.0214		mg/Kg		107	61 - 125	1	30
Bromomethane	0.0200	0.0174		mg/Kg		87	37 - 150	3	30
Carbon disulfide	0.0200	0.0215		mg/Kg		107	22 - 196	0	30
Carbon tetrachloride	0.0200	0.0204		mg/Kg		102	66 - 127	0	30
Chlorobenzene	0.0200	0.0204		mg/Kg		102	80 - 120	2	30
Chlorobromomethane	0.0200	0.0205		mg/Kg		103	76 - 127	1	30
Chlorodibromomethane	0.0200	0.0212		mg/Kg		106	72 - 120	1	30
Chloroethane	0.0200	0.0187		mg/Kg		94	50 - 147	2	30
Chloroform	0.0200	0.0207		mg/Kg		104	79 - 126	1	30
Chloromethane	0.0200	0.0162		mg/Kg		81	36 - 159	1	30
cis-1,2-Dichloroethene	0.0200	0.0204		mg/Kg		102	80 - 123	2	30
cis-1,3-Dichloropropene	0.0200	0.0206		mg/Kg		103	75 - 120	1	30
Cyclohexane	0.0200	0.0210		mg/Kg		105	65 - 132	0	30
Dichlorobromomethane	0.0200	0.0201		mg/Kg		100	77 - 124	2	30
Dichlorodifluoromethane	0.0200	0.0137		mg/Kg		68	45 - 158	1	30
Ethylbenzene	0.0200	0.0212		mg/Kg		106	80 - 120	0	30
Ethylene Dibromide	0.0200	0.0215		mg/Kg		107	79 - 120	0	30
Isopropylbenzene	0.0200	0.0218		mg/Kg		109	74 - 120	1	30
Methyl acetate	0.0400	0.0391		mg/Kg		98	51 - 143	6	30
Methyl tert-butyl ether	0.0200	0.0199		mg/Kg		99	74 - 125	2	30
Methylcyclohexane	0.0200	0.0206		mg/Kg		103	66 - 125	2	30
Methylene Chloride	0.0200	0.0198		mg/Kg		99	78 - 134	2	30
m-Xylene & p-Xylene	0.0200	0.0203		mg/Kg		101	80 - 120	2	30
n-Butylbenzene	0.0200	0.0205		mg/Kg		103	72 - 120	3	30
N-Propylbenzene	0.0200	0.0201		mg/Kg		101	75 - 120	2	30
o-Xylene	0.0200	0.0213		mg/Kg		107	80 - 120	2	30
sec-Butylbenzene	0.0200	0.0218		mg/Kg		109	78 - 120	1	30
Styrene	0.0200	0.0213		mg/Kg		106	80 - 120	1	30
tert-Butylbenzene	0.0200	0.0208		mg/Kg		104	55 - 135	2	30
Tetrachloroethene	0.0200	0.0217		mg/Kg		109	73 - 120	0	30
Toluene	0.0200	0.0207		mg/Kg		104	80 - 120	0	30
trans-1,2-Dichloroethene	0.0200	0.0208		mg/Kg		104	78 - 120	1	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1108993/4
Matrix: Solid
Analysis Batch: 1108993

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,3-Dichloropropene			0.0200	0.0202		mg/Kg		101	77 - 120	1	30
Trichloroethene			0.0200	0.0205		mg/Kg		102	71 - 120	0	30
Trichlorofluoromethane			0.0200	0.0185		mg/Kg		92	61 - 130	1	30
Vinyl chloride			0.0200	0.0174		mg/Kg		87	54 - 146	1	30
Xylenes, Total			0.0400	0.0416		mg/Kg		104	80 - 120	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*65 - 138*
4-Bromofluorobenzene	*97*		*71 - 128*
Dibromofluoromethane (Surr)	*98*		*65 - 139*
Toluene-d8 (Surr)	*102*		*71 - 126*

Lab Sample ID: MB 460-1109613/9
Matrix: Solid
Analysis Batch: 1109613

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.050	U	0.050	0.014	mg/Kg			05/23/26 07:42	50
1,1,2,2-Tetrachloroethane	0.050	U	0.050	0.0099	mg/Kg			05/23/26 07:42	50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.050	U	0.050	0.017	mg/Kg			05/23/26 07:42	50
1,1,2-Trichloroethane	0.050	U	0.050	0.010	mg/Kg			05/23/26 07:42	50
1,1-Dichloroethane	0.050	U	0.050	0.012	mg/Kg			05/23/26 07:42	50
1,1-Dichloroethene	0.050	U	0.050	0.013	mg/Kg			05/23/26 07:42	50
1,2,3-Trichlorobenzene	0.0203	J	0.050	0.018	mg/Kg			05/23/26 07:42	50
1,2,4-Trichlorobenzene	0.050	U	0.050	0.014	mg/Kg			05/23/26 07:42	50
1,2,4-Trimethylbenzene	0.050	U	0.050	0.012	mg/Kg			05/23/26 07:42	50
1,2-Dibromo-3-Chloropropane	0.050	U	0.050	0.011	mg/Kg			05/23/26 07:42	50
1,2-Dichlorobenzene	0.050	U	0.050	0.011	mg/Kg			05/23/26 07:42	50
1,2-Dichloroethane	0.050	U	0.050	0.013	mg/Kg			05/23/26 07:42	50
1,2-Dichloropropane	0.050	U	0.050	0.0090	mg/Kg			05/23/26 07:42	50
1,3,5-Trimethylbenzene	0.050	U	0.050	0.013	mg/Kg			05/23/26 07:42	50
1,3-Dichlorobenzene	0.050	U	0.050	0.017	mg/Kg			05/23/26 07:42	50
1,4-Dichlorobenzene	0.050	U	0.050	0.017	mg/Kg			05/23/26 07:42	50
2-Butanone (MEK)	0.25	U	0.25	0.11	mg/Kg			05/23/26 07:42	50
2-Hexanone	0.25	U	0.25	0.057	mg/Kg			05/23/26 07:42	50
4-Methyl-2-pentanone (MIBK)	0.25	U	0.25	0.065	mg/Kg			05/23/26 07:42	50
Acetone	0.25	U	0.25	0.22	mg/Kg			05/23/26 07:42	50
Benzene	0.050	U	0.050	0.010	mg/Kg			05/23/26 07:42	50
Bromoform	0.050	U	0.050	0.0090	mg/Kg			05/23/26 07:42	50
Bromomethane	0.050	U	0.050	0.028	mg/Kg			05/23/26 07:42	50
Carbon disulfide	0.050	U	0.050	0.034	mg/Kg			05/23/26 07:42	50
Carbon tetrachloride	0.050	U	0.050	0.017	mg/Kg			05/23/26 07:42	50
Chlorobenzene	0.050	U	0.050	0.012	mg/Kg			05/23/26 07:42	50
Chlorobromomethane	0.050	U	0.050	0.015	mg/Kg			05/23/26 07:42	50
Chlorodibromomethane	0.050	U	0.050	0.011	mg/Kg			05/23/26 07:42	50
Chloroethane	0.050	U	0.050	0.019	mg/Kg			05/23/26 07:42	50
Chloroform	0.050	U	0.050	0.011	mg/Kg			05/23/26 07:42	50
Chloromethane	0.050	U	0.050	0.020	mg/Kg			05/23/26 07:42	50

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1109613/9
Matrix: Solid
Analysis Batch: 1109613

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.050	U	0.050	0.013	mg/Kg			05/23/26 07:42	50
cis-1,3-Dichloropropene	0.050	U	0.050	0.011	mg/Kg			05/23/26 07:42	50
Cyclohexane	0.050	U	0.050	0.013	mg/Kg			05/23/26 07:42	50
Dichlorobromomethane	0.050	U	0.050	0.0075	mg/Kg			05/23/26 07:42	50
Dichlorodifluoromethane	0.050	U	0.050	0.016	mg/Kg			05/23/26 07:42	50
Ethylbenzene	0.050	U	0.050	0.015	mg/Kg			05/23/26 07:42	50
Ethylene Dibromide	0.050	U	0.050	0.0095	mg/Kg			05/23/26 07:42	50
Isopropylbenzene	0.050	U	0.050	0.016	mg/Kg			05/23/26 07:42	50
Methyl acetate	0.25	U	0.25	0.039	mg/Kg			05/23/26 07:42	50
Methyl tert-butyl ether	0.050	U	0.050	0.011	mg/Kg			05/23/26 07:42	50
Methylcyclohexane	0.050	U	0.050	0.036	mg/Kg			05/23/26 07:42	50
Methylene Chloride	0.050	U	0.050	0.011	mg/Kg			05/23/26 07:42	50
m-Xylene & p-Xylene	0.050	U	0.050	0.014	mg/Kg			05/23/26 07:42	50
n-Butylbenzene	0.050	U	0.050	0.014	mg/Kg			05/23/26 07:42	50
N-Propylbenzene	0.050	U	0.050	0.015	mg/Kg			05/23/26 07:42	50
o-Xylene	0.050	U	0.050	0.016	mg/Kg			05/23/26 07:42	50
sec-Butylbenzene	0.050	U	0.050	0.016	mg/Kg			05/23/26 07:42	50
Styrene	0.050	U	0.050	0.0085	mg/Kg			05/23/26 07:42	50
tert-Butylbenzene	0.050	U	0.050	0.014	mg/Kg			05/23/26 07:42	50
Tetrachloroethene	0.050	U	0.050	0.018	mg/Kg			05/23/26 07:42	50
Toluene	0.050	U	0.050	0.013	mg/Kg			05/23/26 07:42	50
trans-1,2-Dichloroethene	0.050	U	0.050	0.0090	mg/Kg			05/23/26 07:42	50
trans-1,3-Dichloropropene	0.050	U	0.050	0.011	mg/Kg			05/23/26 07:42	50
Trichloroethene	0.050	U	0.050	0.011	mg/Kg			05/23/26 07:42	50
Trichlorofluoromethane	0.050	U	0.050	0.016	mg/Kg			05/23/26 07:42	50
Vinyl chloride	0.050	U	0.050	0.010	mg/Kg			05/23/26 07:42	50
Xylenes, Total	0.10	U	0.10	0.014	mg/Kg			05/23/26 07:42	50

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*60 - 150*		*05/23/26 07:42*	*50*
4-Bromofluorobenzene	*84*		*70 - 150*		*05/23/26 07:42*	*50*
Dibromofluoromethane (Surr)	*84*		*68 - 150*		*05/23/26 07:42*	*50*
Toluene-d8 (Surr)	*85*		*64 - 157*		*05/23/26 07:42*	*50*

Lab Sample ID: LCS 460-1109613/4
Matrix: Solid
Analysis Batch: 1109613

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	1.00	1.07		mg/Kg		107	76 - 120
1,1,2,2-Tetrachloroethane	1.00	1.05		mg/Kg		105	72 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	1.00	1.14		mg/Kg		114	79 - 120
1,1,2-Trichloroethane	1.00	1.01		mg/Kg		101	80 - 120
1,1-Dichloroethane	1.00	1.07		mg/Kg		107	70 - 120
1,1-Dichloroethene	1.00	1.02		mg/Kg		102	69 - 120
1,2,3-Trichlorobenzene	1.00	1.31		mg/Kg		131	80 - 137
1,2,4-Trichlorobenzene	1.00	1.14		mg/Kg		114	80 - 134
1,2,4-Trimethylbenzene	1.00	1.10		mg/Kg		110	75 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1109613/4
Matrix: Solid
Analysis Batch: 1109613

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromo-3-Chloropropane	1.00	1.13		mg/Kg		113	68 - 134
1,2-Dichlorobenzene	1.00	1.08		mg/Kg		108	80 - 120
1,2-Dichloroethane	1.00	0.988		mg/Kg		99	72 - 124
1,2-Dichloropropane	1.00	0.993		mg/Kg		99	74 - 120
1,3,5-Trimethylbenzene	1.00	1.05		mg/Kg		105	71 - 120
1,3-Dichlorobenzene	1.00	1.05		mg/Kg		105	80 - 120
1,4-Dichlorobenzene	1.00	1.05		mg/Kg		105	80 - 120
2-Butanone (MEK)	5.00	4.71		mg/Kg		94	64 - 121
2-Hexanone	5.00	4.05		mg/Kg		81	70 - 120
4-Methyl-2-pentanone (MIBK)	5.00	5.34		mg/Kg		107	64 - 127
Acetone	5.00	4.01		mg/Kg		80	52 - 127
Benzene	1.00	1.03		mg/Kg		103	75 - 120
Bromoform	1.00	0.982		mg/Kg		98	68 - 122
Bromomethane	1.00	0.915		mg/Kg		92	16 - 125
Carbon disulfide	1.00	1.05		mg/Kg		105	59 - 127
Carbon tetrachloride	1.00	1.08		mg/Kg		108	77 - 120
Chlorobenzene	1.00	1.01		mg/Kg		101	80 - 120
Chlorobromomethane	1.00	1.02		mg/Kg		102	77 - 120
Chlorodibromomethane	1.00	0.994		mg/Kg		99	80 - 120
Chloroethane	1.00	0.939		mg/Kg		94	61 - 140
Chloroform	1.00	1.04		mg/Kg		104	73 - 120
Chloromethane	1.00	0.914		mg/Kg		91	42 - 136
cis-1,2-Dichloroethene	1.00	1.06		mg/Kg		106	73 - 120
cis-1,3-Dichloropropene	1.00	1.05		mg/Kg		105	79 - 120
Cyclohexane	1.00	1.12		mg/Kg		112	76 - 125
Dichlorobromomethane	1.00	0.966		mg/Kg		97	77 - 120
Dichlorodifluoromethane	1.00	0.751		mg/Kg		75	39 - 140
Ethylbenzene	1.00	1.03		mg/Kg		103	80 - 121
Ethylene Dibromide	1.00	1.03		mg/Kg		103	80 - 120
Isopropylbenzene	1.00	1.10		mg/Kg		110	74 - 125
Methyl acetate	2.00	1.71		mg/Kg		86	40 - 130
Methyl tert-butyl ether	1.00	1.04		mg/Kg		104	77 - 125
Methylcyclohexane	1.00	1.13		mg/Kg		113	75 - 127
Methylene Chloride	1.00	0.982		mg/Kg		98	73 - 120
m-Xylene & p-Xylene	1.00	1.09		mg/Kg		109	79 - 120
n-Butylbenzene	1.00	1.10		mg/Kg		110	68 - 120
N-Propylbenzene	1.00	1.08		mg/Kg		108	68 - 120
o-Xylene	1.00	1.09		mg/Kg		109	80 - 123
sec-Butylbenzene	1.00	1.06		mg/Kg		106	77 - 126
Styrene	1.00	1.07		mg/Kg		107	80 - 124
tert-Butylbenzene	1.00	1.04		mg/Kg		104	80 - 120
Tetrachloroethene	1.00	1.02		mg/Kg		102	78 - 120
Toluene	1.00	1.03		mg/Kg		103	80 - 120
trans-1,2-Dichloroethene	1.00	1.02		mg/Kg		102	70 - 120
trans-1,3-Dichloropropene	1.00	1.05		mg/Kg		105	73 - 120
Trichloroethene	1.00	0.952		mg/Kg		95	77 - 120
Trichlorofluoromethane	1.00	0.882		mg/Kg		88	61 - 143
Vinyl chloride	1.00	0.890		mg/Kg		89	50 - 131
Xylenes, Total	2.00	2.18		mg/Kg		109	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	86		60 - 150
4-Bromofluorobenzene	88		70 - 150
Dibromofluoromethane (Surr)	85		68 - 150
Toluene-d8 (Surr)	87		64 - 157

Lab Sample ID: LCSD 460-1109613/5
Matrix: Solid
Analysis Batch: 1109613

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			1.00	1.03		mg/Kg		103	76 - 120	4	30
1,1,2,2-Tetrachloroethane			1.00	1.00		mg/Kg		100	72 - 120	4	30
1,1,2-Trichloro-1,2,2-trifluoroethane			1.00	1.06		mg/Kg		106	79 - 120	7	30
1,1,2-Trichloroethane			1.00	1.00		mg/Kg		100	80 - 120	0	30
1,1-Dichloroethane			1.00	1.07		mg/Kg		107	70 - 120	0	30
1,1-Dichloroethene			1.00	0.967		mg/Kg		97	69 - 120	6	30
1,2,3-Trichlorobenzene			1.00	1.24		mg/Kg		124	80 - 137	5	30
1,2,4-Trichlorobenzene			1.00	1.09		mg/Kg		109	80 - 134	5	30
1,2,4-Trimethylbenzene			1.00	1.08		mg/Kg		108	75 - 120	2	30
1,2-Dibromo-3-Chloropropane			1.00	1.05		mg/Kg		105	68 - 134	7	30
1,2-Dichlorobenzene			1.00	1.02		mg/Kg		102	80 - 120	6	30
1,2-Dichloroethane			1.00	0.973		mg/Kg		97	72 - 124	1	30
1,2-Dichloropropane			1.00	0.984		mg/Kg		98	74 - 120	1	30
1,3,5-Trimethylbenzene			1.00	1.08		mg/Kg		108	71 - 120	3	30
1,3-Dichlorobenzene			1.00	1.03		mg/Kg		103	80 - 120	2	30
1,4-Dichlorobenzene			1.00	1.04		mg/Kg		104	80 - 120	1	30
2-Butanone (MEK)			5.00	5.05		mg/Kg		101	64 - 121	7	30
2-Hexanone			5.00	4.14		mg/Kg		83	70 - 120	2	30
4-Methyl-2-pentanone (MIBK)			5.00	5.37		mg/Kg		107	64 - 127	1	30
Acetone			5.00	4.45		mg/Kg		89	52 - 127	10	30
Benzene			1.00	1.01		mg/Kg		101	75 - 120	2	30
Bromoform			1.00	0.951		mg/Kg		95	68 - 122	3	30
Bromomethane			1.00	0.898		mg/Kg		90	16 - 125	2	30
Carbon disulfide			1.00	0.994		mg/Kg		99	59 - 127	5	30
Carbon tetrachloride			1.00	1.06		mg/Kg		106	77 - 120	2	30
Chlorobenzene			1.00	1.01		mg/Kg		101	80 - 120	0	30
Chlorobromomethane			1.00	1.03		mg/Kg		103	77 - 120	2	30
Chlorodibromomethane			1.00	0.961		mg/Kg		96	80 - 120	3	30
Chloroethane			1.00	0.972		mg/Kg		97	61 - 140	3	30
Chloroform			1.00	1.05		mg/Kg		105	73 - 120	1	30
Chloromethane			1.00	0.860		mg/Kg		86	42 - 136	6	30
cis-1,2-Dichloroethene			1.00	1.06		mg/Kg		106	73 - 120	0	30
cis-1,3-Dichloropropene			1.00	1.03		mg/Kg		103	79 - 120	2	30
Cyclohexane			1.00	1.08		mg/Kg		108	76 - 125	4	30
Dichlorobromomethane			1.00	0.960		mg/Kg		96	77 - 120	1	30
Dichlorodifluoromethane			1.00	0.756		mg/Kg		76	39 - 140	1	30
Ethylbenzene			1.00	1.05		mg/Kg		105	80 - 121	1	30
Ethylene Dibromide			1.00	1.01		mg/Kg		101	80 - 120	2	30
Isopropylbenzene			1.00	1.09		mg/Kg		109	74 - 125	1	30
Methyl acetate			2.00	2.16		mg/Kg		108	40 - 130	23	30
Methyl tert-butyl ether			1.00	1.07		mg/Kg		107	77 - 125	3	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1109613/5
Matrix: Solid
Analysis Batch: 1109613

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methylcyclohexane			1.00	1.11		mg/Kg		111	75 - 127	1	30
Methylene Chloride			1.00	1.05		mg/Kg		105	73 - 120	7	30
m-Xylene & p-Xylene			1.00	1.06		mg/Kg		106	79 - 120	3	30
n-Butylbenzene			1.00	1.06		mg/Kg		106	68 - 120	3	30
N-Propylbenzene			1.00	1.07		mg/Kg		107	68 - 120	1	30
o-Xylene			1.00	1.08		mg/Kg		108	80 - 123	2	30
sec-Butylbenzene			1.00	1.06		mg/Kg		106	77 - 126	0	30
Styrene			1.00	1.09		mg/Kg		109	80 - 124	2	30
tert-Butylbenzene			1.00	1.04		mg/Kg		104	80 - 120	0	30
Tetrachloroethene			1.00	1.00		mg/Kg		100	78 - 120	1	30
Toluene			1.00	1.05		mg/Kg		105	80 - 120	3	30
trans-1,2-Dichloroethene			1.00	1.07		mg/Kg		107	70 - 120	5	30
trans-1,3-Dichloropropene			1.00	1.06		mg/Kg		106	73 - 120	0	30
Trichloroethene			1.00	0.967		mg/Kg		97	77 - 120	1	30
Trichlorofluoromethane			1.00	0.939		mg/Kg		94	61 - 143	6	30
Vinyl chloride			1.00	0.869		mg/Kg		87	50 - 131	2	30
Xylenes, Total			2.00	2.13		mg/Kg		107	80 - 120	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*60 - 150*
4-Bromofluorobenzene	*88*		*70 - 150*
Dibromofluoromethane (Surr)	*86*		*68 - 150*
Toluene-d8 (Surr)	*90*		*64 - 157*

Lab Sample ID: MB 460-1109718/8
Matrix: Solid
Analysis Batch: 1109718

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.050	U	0.050	0.014	mg/Kg			05/23/26 20:06	50
1,1,2,2-Tetrachloroethane	0.050	U	0.050	0.0099	mg/Kg			05/23/26 20:06	50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.050	U	0.050	0.017	mg/Kg			05/23/26 20:06	50
1,1,2-Trichloroethane	0.050	U	0.050	0.010	mg/Kg			05/23/26 20:06	50
1,1-Dichloroethane	0.050	U	0.050	0.012	mg/Kg			05/23/26 20:06	50
1,1-Dichloroethene	0.050	U	0.050	0.013	mg/Kg			05/23/26 20:06	50
1,2,3-Trichlorobenzene	0.050	U	0.050	0.018	mg/Kg			05/23/26 20:06	50
1,2,4-Trichlorobenzene	0.050	U	0.050	0.014	mg/Kg			05/23/26 20:06	50
1,2,4-Trimethylbenzene	0.050	U	0.050	0.012	mg/Kg			05/23/26 20:06	50
1,2-Dibromo-3-Chloropropane	0.050	U	0.050	0.011	mg/Kg			05/23/26 20:06	50
1,2-Dichlorobenzene	0.050	U	0.050	0.011	mg/Kg			05/23/26 20:06	50
1,2-Dichloroethane	0.050	U	0.050	0.013	mg/Kg			05/23/26 20:06	50
1,2-Dichloropropane	0.050	U	0.050	0.0090	mg/Kg			05/23/26 20:06	50
1,3,5-Trimethylbenzene	0.050	U	0.050	0.013	mg/Kg			05/23/26 20:06	50
1,3-Dichlorobenzene	0.050	U	0.050	0.017	mg/Kg			05/23/26 20:06	50
1,4-Dichlorobenzene	0.050	U	0.050	0.017	mg/Kg			05/23/26 20:06	50
2-Butanone (MEK)	0.25	U	0.25	0.11	mg/Kg			05/23/26 20:06	50
2-Hexanone	0.25	U	0.25	0.057	mg/Kg			05/23/26 20:06	50
4-Methyl-2-pentanone (MIBK)	0.25	U	0.25	0.065	mg/Kg			05/23/26 20:06	50

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1109718/8
Matrix: Solid
Analysis Batch: 1109718

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.25	U	0.25	0.22	mg/Kg			05/23/26 20:06	50
Benzene	0.050	U	0.050	0.010	mg/Kg			05/23/26 20:06	50
Bromoform	0.050	U	0.050	0.0090	mg/Kg			05/23/26 20:06	50
Bromomethane	0.050	U	0.050	0.028	mg/Kg			05/23/26 20:06	50
Carbon disulfide	0.050	U	0.050	0.034	mg/Kg			05/23/26 20:06	50
Carbon tetrachloride	0.050	U	0.050	0.017	mg/Kg			05/23/26 20:06	50
Chlorobenzene	0.050	U	0.050	0.012	mg/Kg			05/23/26 20:06	50
Chlorobromomethane	0.050	U	0.050	0.015	mg/Kg			05/23/26 20:06	50
Chlorodibromomethane	0.050	U	0.050	0.011	mg/Kg			05/23/26 20:06	50
Chloroethane	0.050	U	0.050	0.019	mg/Kg			05/23/26 20:06	50
Chloroform	0.050	U	0.050	0.011	mg/Kg			05/23/26 20:06	50
Chloromethane	0.050	U	0.050	0.020	mg/Kg			05/23/26 20:06	50
cis-1,2-Dichloroethene	0.050	U	0.050	0.013	mg/Kg			05/23/26 20:06	50
cis-1,3-Dichloropropene	0.050	U	0.050	0.011	mg/Kg			05/23/26 20:06	50
Cyclohexane	0.050	U	0.050	0.013	mg/Kg			05/23/26 20:06	50
Dichlorobromomethane	0.050	U	0.050	0.0075	mg/Kg			05/23/26 20:06	50
Dichlorodifluoromethane	0.050	U	0.050	0.016	mg/Kg			05/23/26 20:06	50
Ethylbenzene	0.050	U	0.050	0.015	mg/Kg			05/23/26 20:06	50
Ethylene Dibromide	0.050	U	0.050	0.0095	mg/Kg			05/23/26 20:06	50
Isopropylbenzene	0.050	U	0.050	0.016	mg/Kg			05/23/26 20:06	50
Methyl acetate	0.25	U	0.25	0.039	mg/Kg			05/23/26 20:06	50
Methyl tert-butyl ether	0.050	U	0.050	0.011	mg/Kg			05/23/26 20:06	50
Methylcyclohexane	0.050	U	0.050	0.036	mg/Kg			05/23/26 20:06	50
Methylene Chloride	0.050	U	0.050	0.011	mg/Kg			05/23/26 20:06	50
m-Xylene & p-Xylene	0.050	U	0.050	0.014	mg/Kg			05/23/26 20:06	50
n-Butylbenzene	0.050	U	0.050	0.014	mg/Kg			05/23/26 20:06	50
N-Propylbenzene	0.050	U	0.050	0.015	mg/Kg			05/23/26 20:06	50
o-Xylene	0.050	U	0.050	0.016	mg/Kg			05/23/26 20:06	50
sec-Butylbenzene	0.050	U	0.050	0.016	mg/Kg			05/23/26 20:06	50
Styrene	0.050	U	0.050	0.0085	mg/Kg			05/23/26 20:06	50
tert-Butylbenzene	0.050	U	0.050	0.014	mg/Kg			05/23/26 20:06	50
Tetrachloroethene	0.050	U	0.050	0.018	mg/Kg			05/23/26 20:06	50
Toluene	0.050	U	0.050	0.013	mg/Kg			05/23/26 20:06	50
trans-1,2-Dichloroethene	0.050	U	0.050	0.0090	mg/Kg			05/23/26 20:06	50
trans-1,3-Dichloropropene	0.050	U	0.050	0.011	mg/Kg			05/23/26 20:06	50
Trichloroethene	0.050	U	0.050	0.011	mg/Kg			05/23/26 20:06	50
Trichlorofluoromethane	0.050	U	0.050	0.016	mg/Kg			05/23/26 20:06	50
Vinyl chloride	0.050	U	0.050	0.010	mg/Kg			05/23/26 20:06	50
Xylenes, Total	0.10	U	0.10	0.014	mg/Kg			05/23/26 20:06	50

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*60 - 150*		*05/23/26 20:06*	*50*
4-Bromofluorobenzene	*89*		*70 - 150*		*05/23/26 20:06*	*50*
Dibromofluoromethane (Surr)	*90*		*68 - 150*		*05/23/26 20:06*	*50*
Toluene-d8 (Surr)	*86*		*64 - 157*		*05/23/26 20:06*	*50*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1109718/3
Matrix: Solid
Analysis Batch: 1109718

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	1.00	1.26	*	mg/Kg		126	76 - 120
1,1,2,2-Tetrachloroethane	1.00	1.10		mg/Kg		110	72 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	1.00	1.19		mg/Kg		119	79 - 120
1,1,2-Trichloroethane	1.00	1.16		mg/Kg		116	80 - 120
1,1-Dichloroethane	1.00	1.13		mg/Kg		113	70 - 120
1,1-Dichloroethene	1.00	1.13		mg/Kg		113	69 - 120
1,2,3-Trichlorobenzene	1.00	1.21		mg/Kg		121	80 - 137
1,2,4-Trichlorobenzene	1.00	1.16		mg/Kg		116	80 - 134
1,2,4-Trimethylbenzene	1.00	1.11		mg/Kg		111	75 - 120
1,2-Dibromo-3-Chloropropane	1.00	1.15		mg/Kg		115	68 - 134
1,2-Dichlorobenzene	1.00	1.16		mg/Kg		116	80 - 120
1,2-Dichloroethane	1.00	1.13		mg/Kg		113	72 - 124
1,2-Dichloropropane	1.00	1.15		mg/Kg		115	74 - 120
1,3,5-Trimethylbenzene	1.00	1.12		mg/Kg		112	71 - 120
1,3-Dichlorobenzene	1.00	1.15		mg/Kg		115	80 - 120
1,4-Dichlorobenzene	1.00	1.15		mg/Kg		115	80 - 120
2-Butanone (MEK)	5.00	5.98		mg/Kg		120	64 - 121
2-Hexanone	5.00	5.67		mg/Kg		113	70 - 120
4-Methyl-2-pentanone (MIBK)	5.00	6.72	*	mg/Kg		134	64 - 127
Acetone	5.00	5.21		mg/Kg		104	52 - 127
Benzene	1.00	1.08		mg/Kg		108	75 - 120
Bromoform	1.00	1.09		mg/Kg		109	68 - 122
Bromomethane	1.00	1.10		mg/Kg		110	16 - 125
Carbon disulfide	1.00	1.15		mg/Kg		115	59 - 127
Carbon tetrachloride	1.00	1.23	*	mg/Kg		123	77 - 120
Chlorobenzene	1.00	1.15		mg/Kg		115	80 - 120
Chlorobromomethane	1.00	1.19		mg/Kg		119	77 - 120
Chlorodibromomethane	1.00	1.11		mg/Kg		111	80 - 120
Chloroethane	1.00	1.13		mg/Kg		113	61 - 140
Chloroform	1.00	1.20		mg/Kg		120	73 - 120
Chloromethane	1.00	1.16		mg/Kg		116	42 - 136
cis-1,2-Dichloroethene	1.00	1.20		mg/Kg		120	73 - 120
cis-1,3-Dichloropropene	1.00	1.14		mg/Kg		114	79 - 120
Cyclohexane	1.00	1.29	*	mg/Kg		129	76 - 125
Dichlorobromomethane	1.00	1.08		mg/Kg		108	77 - 120
Dichlorodifluoromethane	1.00	1.33		mg/Kg		133	39 - 140
Ethylbenzene	1.00	1.20		mg/Kg		120	80 - 121
Ethylene Dibromide	1.00	1.22	*	mg/Kg		122	80 - 120
Isopropylbenzene	1.00	1.20		mg/Kg		120	74 - 125
Methyl acetate	2.00	2.44		mg/Kg		122	40 - 130
Methyl tert-butyl ether	1.00	1.19		mg/Kg		119	77 - 125
Methylcyclohexane	1.00	1.31	*	mg/Kg		131	75 - 127
Methylene Chloride	1.00	1.20		mg/Kg		120	73 - 120
m-Xylene & p-Xylene	1.00	1.22	*	mg/Kg		122	79 - 120
n-Butylbenzene	1.00	1.11		mg/Kg		111	68 - 120
N-Propylbenzene	1.00	1.17		mg/Kg		117	68 - 120
o-Xylene	1.00	1.22		mg/Kg		122	80 - 123
sec-Butylbenzene	1.00	1.05		mg/Kg		105	77 - 126

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1109718/3
Matrix: Solid
Analysis Batch: 1109718

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Styrene			1.00	1.27	*	mg/Kg		127	80 - 124		
tert-Butylbenzene			1.00	1.03		mg/Kg		103	80 - 120		
Tetrachloroethene			1.00	1.16		mg/Kg		116	78 - 120		
Toluene			1.00	1.18		mg/Kg		118	80 - 120		
trans-1,2-Dichloroethene			1.00	1.20		mg/Kg		120	70 - 120		
trans-1,3-Dichloropropene			1.00	1.17		mg/Kg		117	73 - 120		
Trichloroethene			1.00	1.09		mg/Kg		109	77 - 120		
Trichlorofluoromethane			1.00	1.13		mg/Kg		113	61 - 143		
Vinyl chloride			1.00	1.09		mg/Kg		109	50 - 131		
Xylenes, Total			2.00	2.44	*	mg/Kg		122	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*109*		*60 - 150*
4-Bromofluorobenzene	*111*		*70 - 150*
Dibromofluoromethane (Surr)	*105*		*68 - 150*
Toluene-d8 (Surr)	*105*		*64 - 157*

Lab Sample ID: LCSD 460-1109718/4
Matrix: Solid
Analysis Batch: 1109718

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			1.00	1.03		mg/Kg		103	76 - 120	20	30
1,1,2,2-Tetrachloroethane			1.00	1.02		mg/Kg		102	72 - 120	7	30
1,1,2-Trichloro-1,2,2-trifluoroethane			1.00	1.04		mg/Kg		104	79 - 120	13	30
1,1,2-Trichloroethane			1.00	0.955		mg/Kg		96	80 - 120	19	30
1,1-Dichloroethane			1.00	1.03		mg/Kg		103	70 - 120	10	30
1,1-Dichloroethene			1.00	0.982		mg/Kg		98	69 - 120	14	30
1,2,3-Trichlorobenzene			1.00	1.34		mg/Kg		134	80 - 137	10	30
1,2,4-Trichlorobenzene			1.00	1.18		mg/Kg		118	80 - 134	2	30
1,2,4-Trimethylbenzene			1.00	1.10		mg/Kg		110	75 - 120	0	30
1,2-Dibromo-3-Chloropropane			1.00	1.13		mg/Kg		113	68 - 134	1	30
1,2-Dichlorobenzene			1.00	1.06		mg/Kg		106	80 - 120	9	30
1,2-Dichloroethane			1.00	0.968		mg/Kg		97	72 - 124	16	30
1,2-Dichloropropane			1.00	0.957		mg/Kg		96	74 - 120	19	30
1,3,5-Trimethylbenzene			1.00	1.07		mg/Kg		107	71 - 120	5	30
1,3-Dichlorobenzene			1.00	1.02		mg/Kg		102	80 - 120	12	30
1,4-Dichlorobenzene			1.00	1.02		mg/Kg		102	80 - 120	12	30
2-Butanone (MEK)			5.00	5.01		mg/Kg		100	64 - 121	18	30
2-Hexanone			5.00	4.29		mg/Kg		86	70 - 120	28	30
4-Methyl-2-pentanone (MIBK)			5.00	5.44		mg/Kg		109	64 - 127	21	30
Acetone			5.00	5.04		mg/Kg		101	52 - 127	3	30
Benzene			1.00	1.03		mg/Kg		103	75 - 120	5	30
Bromoform			1.00	0.943		mg/Kg		94	68 - 122	14	30
Bromomethane			1.00	0.955		mg/Kg		95	16 - 125	14	30
Carbon disulfide			1.00	0.980		mg/Kg		98	59 - 127	16	30
Carbon tetrachloride			1.00	1.03		mg/Kg		103	77 - 120	17	30
Chlorobenzene			1.00	1.03		mg/Kg		103	80 - 120	11	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1109718/4
Matrix: Solid
Analysis Batch: 1109718

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chlorobromomethane	1.00	1.02		mg/Kg		102	77 - 120	15	30
Chlorodibromomethane	1.00	0.968		mg/Kg		97	80 - 120	13	30
Chloroethane	1.00	0.961		mg/Kg		96	61 - 140	16	30
Chloroform	1.00	1.03		mg/Kg		103	73 - 120	15	30
Chloromethane	1.00	1.02		mg/Kg		102	42 - 136	13	30
cis-1,2-Dichloroethene	1.00	1.01		mg/Kg		101	73 - 120	17	30
cis-1,3-Dichloropropene	1.00	0.979		mg/Kg		98	79 - 120	15	30
Cyclohexane	1.00	1.09		mg/Kg		109	76 - 125	17	30
Dichlorobromomethane	1.00	0.891		mg/Kg		89	77 - 120	19	30
Dichlorodifluoromethane	1.00	1.11		mg/Kg		111	39 - 140	18	30
Ethylbenzene	1.00	1.07		mg/Kg		107	80 - 121	12	30
Ethylene Dibromide	1.00	1.02		mg/Kg		102	80 - 120	18	30
Isopropylbenzene	1.00	1.04		mg/Kg		104	74 - 125	14	30
Methyl acetate	2.00	2.16		mg/Kg		108	40 - 130	12	30
Methyl tert-butyl ether	1.00	0.981		mg/Kg		98	77 - 125	19	30
Methylcyclohexane	1.00	1.11		mg/Kg		111	75 - 127	16	30
Methylene Chloride	1.00	0.946		mg/Kg		95	73 - 120	23	30
m-Xylene & p-Xylene	1.00	1.07		mg/Kg		107	79 - 120	13	30
n-Butylbenzene	1.00	1.09		mg/Kg		109	68 - 120	1	30
N-Propylbenzene	1.00	1.10		mg/Kg		110	68 - 120	6	30
o-Xylene	1.00	1.03		mg/Kg		103	80 - 123	17	30
sec-Butylbenzene	1.00	1.04		mg/Kg		104	77 - 126	0	30
Styrene	1.00	1.07		mg/Kg		107	80 - 124	17	30
tert-Butylbenzene	1.00	1.04		mg/Kg		104	80 - 120	1	30
Tetrachloroethene	1.00	0.984		mg/Kg		98	78 - 120	16	30
Toluene	1.00	1.02		mg/Kg		102	80 - 120	14	30
trans-1,2-Dichloroethene	1.00	0.971		mg/Kg		97	70 - 120	21	30
trans-1,3-Dichloropropene	1.00	1.02		mg/Kg		102	73 - 120	14	30
Trichloroethene	1.00	0.937		mg/Kg		94	77 - 120	15	30
Trichlorofluoromethane	1.00	0.944		mg/Kg		94	61 - 143	18	30
Vinyl chloride	1.00	1.00		mg/Kg		100	50 - 131	8	30
Xylenes, Total	2.00	2.10		mg/Kg		105	80 - 120	15	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*60 - 150*
4-Bromofluorobenzene	*95*		*70 - 150*
Dibromofluoromethane (Surr)	*92*		*68 - 150*
Toluene-d8 (Surr)	*93*		*64 - 157*

Lab Sample ID: MB 460-1109796/10
Matrix: Solid
Analysis Batch: 1109796

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.050	U	0.050	0.014	mg/Kg			05/26/26 11:09	50
1,1,2,2-Tetrachloroethane	0.050	U	0.050	0.0099	mg/Kg			05/26/26 11:09	50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.050	U	0.050	0.017	mg/Kg			05/26/26 11:09	50
1,1,2-Trichloroethane	0.050	U	0.050	0.010	mg/Kg			05/26/26 11:09	50

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1109796/10
Matrix: Solid
Analysis Batch: 1109796

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.050	U	0.050	0.012	mg/Kg			05/26/26 11:09	50
1,1-Dichloroethene	0.050	U	0.050	0.013	mg/Kg			05/26/26 11:09	50
1,2,3-Trichlorobenzene	0.0206	J	0.050	0.018	mg/Kg			05/26/26 11:09	50
1,2,4-Trichlorobenzene	0.050	U	0.050	0.014	mg/Kg			05/26/26 11:09	50
1,2,4-Trimethylbenzene	0.050	U	0.050	0.012	mg/Kg			05/26/26 11:09	50
1,2-Dibromo-3-Chloropropane	0.050	U	0.050	0.011	mg/Kg			05/26/26 11:09	50
1,2-Dichlorobenzene	0.050	U	0.050	0.011	mg/Kg			05/26/26 11:09	50
1,2-Dichloroethane	0.050	U	0.050	0.013	mg/Kg			05/26/26 11:09	50
1,2-Dichloropropane	0.050	U	0.050	0.0090	mg/Kg			05/26/26 11:09	50
1,3,5-Trimethylbenzene	0.050	U	0.050	0.013	mg/Kg			05/26/26 11:09	50
1,3-Dichlorobenzene	0.050	U	0.050	0.017	mg/Kg			05/26/26 11:09	50
1,4-Dichlorobenzene	0.050	U	0.050	0.017	mg/Kg			05/26/26 11:09	50
2-Butanone (MEK)	0.25	U	0.25	0.11	mg/Kg			05/26/26 11:09	50
2-Hexanone	0.25	U	0.25	0.057	mg/Kg			05/26/26 11:09	50
4-Methyl-2-pentanone (MIBK)	0.25	U	0.25	0.065	mg/Kg			05/26/26 11:09	50
Acetone	0.25	U	0.25	0.22	mg/Kg			05/26/26 11:09	50
Benzene	0.050	U	0.050	0.010	mg/Kg			05/26/26 11:09	50
Bromoform	0.050	U	0.050	0.0090	mg/Kg			05/26/26 11:09	50
Bromomethane	0.050	U	0.050	0.028	mg/Kg			05/26/26 11:09	50
Carbon disulfide	0.050	U	0.050	0.034	mg/Kg			05/26/26 11:09	50
Carbon tetrachloride	0.050	U	0.050	0.017	mg/Kg			05/26/26 11:09	50
Chlorobenzene	0.050	U	0.050	0.012	mg/Kg			05/26/26 11:09	50
Chlorobromomethane	0.050	U	0.050	0.015	mg/Kg			05/26/26 11:09	50
Chlorodibromomethane	0.050	U	0.050	0.011	mg/Kg			05/26/26 11:09	50
Chloroethane	0.050	U	0.050	0.019	mg/Kg			05/26/26 11:09	50
Chloroform	0.050	U	0.050	0.011	mg/Kg			05/26/26 11:09	50
Chloromethane	0.050	U	0.050	0.020	mg/Kg			05/26/26 11:09	50
cis-1,2-Dichloroethene	0.050	U	0.050	0.013	mg/Kg			05/26/26 11:09	50
cis-1,3-Dichloropropene	0.050	U	0.050	0.011	mg/Kg			05/26/26 11:09	50
Cyclohexane	0.050	U	0.050	0.013	mg/Kg			05/26/26 11:09	50
Dichlorobromomethane	0.050	U	0.050	0.0075	mg/Kg			05/26/26 11:09	50
Dichlorodifluoromethane	0.050	U	0.050	0.016	mg/Kg			05/26/26 11:09	50
Ethylbenzene	0.050	U	0.050	0.015	mg/Kg			05/26/26 11:09	50
Ethylene Dibromide	0.050	U	0.050	0.0095	mg/Kg			05/26/26 11:09	50
Isopropylbenzene	0.050	U	0.050	0.016	mg/Kg			05/26/26 11:09	50
Methyl acetate	0.25	U	0.25	0.039	mg/Kg			05/26/26 11:09	50
Methyl tert-butyl ether	0.050	U	0.050	0.011	mg/Kg			05/26/26 11:09	50
Methylcyclohexane	0.050	U	0.050	0.036	mg/Kg			05/26/26 11:09	50
Methylene Chloride	0.050	U	0.050	0.011	mg/Kg			05/26/26 11:09	50
m-Xylene & p-Xylene	0.050	U	0.050	0.014	mg/Kg			05/26/26 11:09	50
n-Butylbenzene	0.050	U	0.050	0.014	mg/Kg			05/26/26 11:09	50
N-Propylbenzene	0.050	U	0.050	0.015	mg/Kg			05/26/26 11:09	50
o-Xylene	0.050	U	0.050	0.016	mg/Kg			05/26/26 11:09	50
sec-Butylbenzene	0.050	U	0.050	0.016	mg/Kg			05/26/26 11:09	50
Styrene	0.050	U	0.050	0.0085	mg/Kg			05/26/26 11:09	50
tert-Butylbenzene	0.050	U	0.050	0.014	mg/Kg			05/26/26 11:09	50
Tetrachloroethene	0.050	U	0.050	0.018	mg/Kg			05/26/26 11:09	50
Toluene	0.050	U	0.050	0.013	mg/Kg			05/26/26 11:09	50
trans-1,2-Dichloroethene	0.050	U	0.050	0.0090	mg/Kg			05/26/26 11:09	50

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1109796/10
Matrix: Solid
Analysis Batch: 1109796

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.050	U	0.050	0.011	mg/Kg			05/26/26 11:09	50
Trichloroethene	0.050	U	0.050	0.011	mg/Kg			05/26/26 11:09	50
Trichlorofluoromethane	0.050	U	0.050	0.016	mg/Kg			05/26/26 11:09	50
Vinyl chloride	0.050	U	0.050	0.010	mg/Kg			05/26/26 11:09	50
Xylenes, Total	0.10	U	0.10	0.014	mg/Kg			05/26/26 11:09	50

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*60 - 150*		*05/26/26 11:09*	*50*
4-Bromofluorobenzene	*95*		*70 - 150*		*05/26/26 11:09*	*50*
Dibromofluoromethane (Surr)	*92*		*68 - 150*		*05/26/26 11:09*	*50*
Toluene-d8 (Surr)	*93*		*64 - 157*		*05/26/26 11:09*	*50*

Lab Sample ID: LCS 460-1109796/5
Matrix: Solid
Analysis Batch: 1109796

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	1.00	0.981		mg/Kg		98	76 - 120
1,1,2,2-Tetrachloroethane	1.00	1.01		mg/Kg		101	72 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	1.00	0.795		mg/Kg		79	79 - 120
1,1,2-Trichloroethane	1.00	0.956		mg/Kg		96	80 - 120
1,1-Dichloroethane	1.00	0.980		mg/Kg		98	70 - 120
1,1-Dichloroethene	1.00	0.834		mg/Kg		83	69 - 120
1,2,3-Trichlorobenzene	1.00	1.25		mg/Kg		125	80 - 137
1,2,4-Trichlorobenzene	1.00	1.13		mg/Kg		113	80 - 134
1,2,4-Trimethylbenzene	1.00	1.08		mg/Kg		108	75 - 120
1,2-Dibromo-3-Chloropropane	1.00	1.08		mg/Kg		108	68 - 134
1,2-Dichlorobenzene	1.00	1.02		mg/Kg		102	80 - 120
1,2-Dichloroethane	1.00	0.925		mg/Kg		93	72 - 124
1,2-Dichloropropane	1.00	0.958		mg/Kg		96	74 - 120
1,3,5-Trimethylbenzene	1.00	1.02		mg/Kg		102	71 - 120
1,3-Dichlorobenzene	1.00	0.987		mg/Kg		99	80 - 120
1,4-Dichlorobenzene	1.00	0.979		mg/Kg		98	80 - 120
2-Butanone (MEK)	5.00	4.76		mg/Kg		95	64 - 121
2-Hexanone	5.00	4.09		mg/Kg		82	70 - 120
4-Methyl-2-pentanone (MIBK)	5.00	5.06		mg/Kg		101	64 - 127
Acetone	5.00	4.46		mg/Kg		89	52 - 127
Benzene	1.00	0.910		mg/Kg		91	75 - 120
Bromoform	1.00	0.952		mg/Kg		95	68 - 122
Bromomethane	1.00	0.952		mg/Kg		95	16 - 125
Carbon disulfide	1.00	0.664		mg/Kg		66	59 - 127
Carbon tetrachloride	1.00	0.960		mg/Kg		96	77 - 120
Chlorobenzene	1.00	0.966		mg/Kg		97	80 - 120
Chlorobromomethane	1.00	0.961		mg/Kg		96	77 - 120
Chlorodibromomethane	1.00	0.957		mg/Kg		96	80 - 120
Chloroethane	1.00	1.02		mg/Kg		102	61 - 140
Chloroform	1.00	0.983		mg/Kg		98	73 - 120
Chloromethane	1.00	0.911		mg/Kg		91	42 - 136

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1109796/5
Matrix: Solid
Analysis Batch: 1109796

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	1.00	0.967		mg/Kg		97	73 - 120
cis-1,3-Dichloropropene	1.00	0.977		mg/Kg		98	79 - 120
Cyclohexane	1.00	0.915		mg/Kg		92	76 - 125
Dichlorobromomethane	1.00	0.946		mg/Kg		95	77 - 120
Dichlorodifluoromethane	1.00	0.807		mg/Kg		81	39 - 140
Ethylbenzene	1.00	0.976		mg/Kg		98	80 - 121
Ethylene Dibromide	1.00	0.994		mg/Kg		99	80 - 120
Isopropylbenzene	1.00	0.987		mg/Kg		99	74 - 125
Methyl acetate	2.00	1.92		mg/Kg		96	40 - 130
Methyl tert-butyl ether	1.00	1.02		mg/Kg		102	77 - 125
Methylcyclohexane	1.00	0.961		mg/Kg		96	75 - 127
Methylene Chloride	1.00	0.947		mg/Kg		95	73 - 120
m-Xylene & p-Xylene	1.00	0.993		mg/Kg		99	79 - 120
n-Butylbenzene	1.00	1.01		mg/Kg		101	68 - 120
N-Propylbenzene	1.00	1.02		mg/Kg		102	68 - 120
o-Xylene	1.00	1.00		mg/Kg		100	80 - 123
sec-Butylbenzene	1.00	1.02		mg/Kg		102	77 - 126
Styrene	1.00	1.03		mg/Kg		103	80 - 124
tert-Butylbenzene	1.00	1.05		mg/Kg		105	80 - 120
Tetrachloroethene	1.00	0.924		mg/Kg		92	78 - 120
Toluene	1.00	0.949		mg/Kg		95	80 - 120
trans-1,2-Dichloroethene	1.00	0.899		mg/Kg		90	70 - 120
trans-1,3-Dichloropropene	1.00	1.02		mg/Kg		102	73 - 120
Trichloroethene	1.00	0.889		mg/Kg		89	77 - 120
Trichlorofluoromethane	1.00	0.886		mg/Kg		89	61 - 143
Vinyl chloride	1.00	0.907		mg/Kg		91	50 - 131
Xylenes, Total	2.00	1.99		mg/Kg		100	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*60 - 150*
4-Bromofluorobenzene	*91*		*70 - 150*
Dibromofluoromethane (Surr)	*91*		*68 - 150*
Toluene-d8 (Surr)	*93*		*64 - 157*

Lab Sample ID: LCSD 460-1109796/6
Matrix: Solid
Analysis Batch: 1109796

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	1.00	1.02		mg/Kg		102	76 - 120	4	30
1,1,2,2-Tetrachloroethane	1.00	1.01		mg/Kg		101	72 - 120	0	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.00	1.01		mg/Kg		101	79 - 120	24	30
1,1,2-Trichloroethane	1.00	0.962		mg/Kg		96	80 - 120	1	30
1,1-Dichloroethane	1.00	0.922		mg/Kg		92	70 - 120	6	30
1,1-Dichloroethene	1.00	0.917		mg/Kg		92	69 - 120	9	30
1,2,3-Trichlorobenzene	1.00	1.25		mg/Kg		125	80 - 137	0	30
1,2,4-Trichlorobenzene	1.00	1.10		mg/Kg		110	80 - 134	3	30
1,2,4-Trimethylbenzene	1.00	1.03		mg/Kg		103	75 - 120	5	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1109796/6
Matrix: Solid
Analysis Batch: 1109796

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromo-3-Chloropropane	1.00	1.04		mg/Kg		104	68 - 134	5	30
1,2-Dichlorobenzene	1.00	1.02		mg/Kg		102	80 - 120	1	30
1,2-Dichloroethane	1.00	0.941		mg/Kg		94	72 - 124	2	30
1,2-Dichloropropane	1.00	0.928		mg/Kg		93	74 - 120	3	30
1,3,5-Trimethylbenzene	1.00	1.03		mg/Kg		103	71 - 120	0	30
1,3-Dichlorobenzene	1.00	0.970		mg/Kg		97	80 - 120	2	30
1,4-Dichlorobenzene	1.00	0.962		mg/Kg		96	80 - 120	2	30
2-Butanone (MEK)	5.00	4.86		mg/Kg		97	64 - 121	2	30
2-Hexanone	5.00	4.19		mg/Kg		84	70 - 120	2	30
4-Methyl-2-pentanone (MIBK)	5.00	5.29		mg/Kg		106	64 - 127	4	30
Acetone	5.00	4.18		mg/Kg		84	52 - 127	6	30
Benzene	1.00	0.937		mg/Kg		94	75 - 120	3	30
Bromoform	1.00	0.967		mg/Kg		97	68 - 122	2	30
Bromomethane	1.00	0.966		mg/Kg		97	16 - 125	1	30
Carbon disulfide	1.00	0.697		mg/Kg		70	59 - 127	5	30
Carbon tetrachloride	1.00	0.977		mg/Kg		98	77 - 120	2	30
Chlorobenzene	1.00	0.941		mg/Kg		94	80 - 120	3	30
Chlorobromomethane	1.00	0.968		mg/Kg		97	77 - 120	1	30
Chlorodibromomethane	1.00	0.942		mg/Kg		94	80 - 120	2	30
Chloroethane	1.00	0.993		mg/Kg		99	61 - 140	2	30
Chloroform	1.00	0.961		mg/Kg		96	73 - 120	2	30
Chloromethane	1.00	0.985		mg/Kg		99	42 - 136	8	30
cis-1,2-Dichloroethene	1.00	0.979		mg/Kg		98	73 - 120	1	30
cis-1,3-Dichloropropene	1.00	0.967		mg/Kg		97	79 - 120	1	30
Cyclohexane	1.00	0.919		mg/Kg		92	76 - 125	0	30
Dichlorobromomethane	1.00	0.917		mg/Kg		92	77 - 120	3	30
Dichlorodifluoromethane	1.00	0.848		mg/Kg		85	39 - 140	5	30
Ethylbenzene	1.00	0.978		mg/Kg		98	80 - 121	0	30
Ethylene Dibromide	1.00	0.980		mg/Kg		98	80 - 120	1	30
Isopropylbenzene	1.00	0.996		mg/Kg		100	74 - 125	1	30
Methyl acetate	2.00	1.99		mg/Kg		100	40 - 130	4	30
Methyl tert-butyl ether	1.00	1.01		mg/Kg		101	77 - 125	1	30
Methylcyclohexane	1.00	0.945		mg/Kg		94	75 - 127	2	30
Methylene Chloride	1.00	0.857		mg/Kg		86	73 - 120	10	30
m-Xylene & p-Xylene	1.00	1.01		mg/Kg		101	79 - 120	2	30
n-Butylbenzene	1.00	0.991		mg/Kg		99	68 - 120	2	30
N-Propylbenzene	1.00	1.03		mg/Kg		103	68 - 120	0	30
o-Xylene	1.00	1.01		mg/Kg		101	80 - 123	1	30
sec-Butylbenzene	1.00	1.01		mg/Kg		101	77 - 126	1	30
Styrene	1.00	1.01		mg/Kg		101	80 - 124	2	30
tert-Butylbenzene	1.00	1.00		mg/Kg		100	80 - 120	5	30
Tetrachloroethene	1.00	0.905		mg/Kg		91	78 - 120	2	30
Toluene	1.00	0.935		mg/Kg		94	80 - 120	1	30
trans-1,2-Dichloroethene	1.00	0.896		mg/Kg		90	70 - 120	0	30
trans-1,3-Dichloropropene	1.00	1.01		mg/Kg		101	73 - 120	1	30
Trichloroethene	1.00	0.900		mg/Kg		90	77 - 120	1	30
Trichlorofluoromethane	1.00	0.979		mg/Kg		98	61 - 143	10	30
Vinyl chloride	1.00	0.962		mg/Kg		96	50 - 131	6	30
Xylenes, Total	2.00	2.03		mg/Kg		101	80 - 120	2	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*91*		*60 - 150*
4-Bromofluorobenzene	*93*		*70 - 150*
Dibromofluoromethane (Surr)	*91*		*68 - 150*
Toluene-d8 (Surr)	*89*		*64 - 157*

Lab Sample ID: MB 460-1109839/7
Matrix: Solid
Analysis Batch: 1109839

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			05/26/26 11:47	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/26/26 11:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/26/26 11:47	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/26/26 11:47	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/26/26 11:47	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			05/26/26 11:47	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			05/26/26 11:47	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/26/26 11:47	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			05/26/26 11:47	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			05/26/26 11:47	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/26/26 11:47	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/26/26 11:47	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			05/26/26 11:47	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			05/26/26 11:47	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			05/26/26 11:47	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			05/26/26 11:47	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			05/26/26 11:47	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			05/26/26 11:47	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			05/26/26 11:47	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			05/26/26 11:47	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			05/26/26 11:47	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			05/26/26 11:47	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			05/26/26 11:47	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			05/26/26 11:47	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			05/26/26 11:47	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			05/26/26 11:47	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			05/26/26 11:47	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			05/26/26 11:47	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/26/26 11:47	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			05/26/26 11:47	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			05/26/26 11:47	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			05/26/26 11:47	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/26/26 11:47	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			05/26/26 11:47	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			05/26/26 11:47	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			05/26/26 11:47	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			05/26/26 11:47	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			05/26/26 11:47	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			05/26/26 11:47	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			05/26/26 11:47	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			05/26/26 11:47	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1109839/7
Matrix: Solid
Analysis Batch: 1109839

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			05/26/26 11:47	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			05/26/26 11:47	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			05/26/26 11:47	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			05/26/26 11:47	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			05/26/26 11:47	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			05/26/26 11:47	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			05/26/26 11:47	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			05/26/26 11:47	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			05/26/26 11:47	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			05/26/26 11:47	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			05/26/26 11:47	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			05/26/26 11:47	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/26/26 11:47	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			05/26/26 11:47	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			05/26/26 11:47	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			05/26/26 11:47	1
Xylenes, Total	0.0020	U	0.0020	0.00042	mg/Kg			05/26/26 11:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*		*05/26/26 11:47*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*		*05/26/26 11:47*	*1*
Dibromofluoromethane (Surr)	*99*		*65 - 139*		*05/26/26 11:47*	*1*
Toluene-d8 (Surr)	*104*		*71 - 126*		*05/26/26 11:47*	*1*

Lab Sample ID: LCS 460-1109839/3
Matrix: Solid
Analysis Batch: 1109839

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0174		mg/Kg		87	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0195		mg/Kg		98	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0182		mg/Kg		91	56 - 142
1,1,2-Trichloroethane	0.0200	0.0198		mg/Kg		99	80 - 120
1,1-Dichloroethane	0.0200	0.0191		mg/Kg		96	72 - 120
1,1-Dichloroethene	0.0200	0.0177		mg/Kg		88	59 - 137
1,2,3-Trichlorobenzene	0.0200	0.0205		mg/Kg		103	43 - 198
1,2,4-Trichlorobenzene	0.0200	0.0215		mg/Kg		107	66 - 158
1,2,4-Trimethylbenzene	0.0200	0.0205		mg/Kg		103	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0129		mg/Kg		64	63 - 145
1,2-Dichlorobenzene	0.0200	0.0209		mg/Kg		104	80 - 120
1,2-Dichloroethane	0.0200	0.0189		mg/Kg		94	70 - 123
1,2-Dichloropropane	0.0200	0.0192		mg/Kg		96	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0205		mg/Kg		103	70 - 120
1,3-Dichlorobenzene	0.0200	0.0207		mg/Kg		104	80 - 120
1,4-Dichlorobenzene	0.0200	0.0210		mg/Kg		105	80 - 120
2-Butanone (MEK)	0.100	0.0961		mg/Kg		96	64 - 128
2-Hexanone	0.100	0.0949		mg/Kg		95	63 - 134
4-Methyl-2-pentanone (MIBK)	0.100	0.103		mg/Kg		103	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1109839/3
Matrix: Solid
Analysis Batch: 1109839

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	0.100	0.0846		mg/Kg		85	58 - 122
Benzene	0.0200	0.0209		mg/Kg		105	75 - 120
Bromoform	0.0200	0.00998	*	mg/Kg		50	61 - 125
Bromomethane	0.0200	0.0249		mg/Kg		125	37 - 150
Carbon disulfide	0.0200	0.0158		mg/Kg		79	22 - 196
Carbon tetrachloride	0.0200	0.0128	*	mg/Kg		64	66 - 127
Chlorobenzene	0.0200	0.0204		mg/Kg		102	80 - 120
Chlorobromomethane	0.0200	0.0186		mg/Kg		93	76 - 127
Chlorodibromomethane	0.0200	0.0128	*	mg/Kg		64	72 - 120
Chloroethane	0.0200	0.0228		mg/Kg		114	50 - 147
Chloroform	0.0200	0.0190		mg/Kg		95	79 - 126
Chloromethane	0.0200	0.0236		mg/Kg		118	36 - 159
cis-1,2-Dichloroethene	0.0200	0.0193		mg/Kg		97	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0190		mg/Kg		95	75 - 120
Cyclohexane	0.0200	0.0188		mg/Kg		94	65 - 132
Dichlorobromomethane	0.0200	0.0158		mg/Kg		79	77 - 124
Dichlorodifluoromethane	0.0200	0.0256		mg/Kg		128	45 - 158
Ethylbenzene	0.0200	0.0205		mg/Kg		103	80 - 120
Ethylene Dibromide	0.0200	0.0192		mg/Kg		96	79 - 120
Isopropylbenzene	0.0200	0.0209		mg/Kg		105	74 - 120
Methyl acetate	0.0400	0.0402		mg/Kg		101	51 - 143
Methyl tert-butyl ether	0.0200	0.0187		mg/Kg		94	74 - 125
Methylcyclohexane	0.0200	0.0185		mg/Kg		93	66 - 125
Methylene Chloride	0.0200	0.0188		mg/Kg		94	78 - 134
m-Xylene & p-Xylene	0.0200	0.0204		mg/Kg		102	80 - 120
n-Butylbenzene	0.0200	0.0217		mg/Kg		108	72 - 120
N-Propylbenzene	0.0200	0.0202		mg/Kg		101	75 - 120
o-Xylene	0.0200	0.0208		mg/Kg		104	80 - 120
sec-Butylbenzene	0.0200	0.0203		mg/Kg		102	78 - 120
Styrene	0.0200	0.0203		mg/Kg		102	80 - 120
tert-Butylbenzene	0.0200	0.0202		mg/Kg		101	55 - 135
Tetrachloroethene	0.0200	0.0202		mg/Kg		101	73 - 120
Toluene	0.0200	0.0203		mg/Kg		101	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0194		mg/Kg		97	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0182		mg/Kg		91	77 - 120
Trichloroethene	0.0200	0.0187		mg/Kg		94	71 - 120
Trichlorofluoromethane	0.0200	0.0227		mg/Kg		114	61 - 130
Vinyl chloride	0.0200	0.0250		mg/Kg		125	54 - 146
Xylenes, Total	0.0400	0.0412		mg/Kg		103	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*65 - 138*
4-Bromofluorobenzene	*100*		*71 - 128*
Dibromofluoromethane (Surr)	*97*		*65 - 139*
Toluene-d8 (Surr)	*106*		*71 - 126*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1109839/4
Matrix: Solid
Analysis Batch: 1109839

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0198		mg/Kg		99	78 - 120	13	30
1,1,2,2-Tetrachloroethane	0.0200	0.0195		mg/Kg		98	70 - 133	0	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0223		mg/Kg		112	56 - 142	20	30
1,1,2-Trichloroethane	0.0200	0.0198		mg/Kg		99	80 - 120	0	30
1,1-Dichloroethane	0.0200	0.0203		mg/Kg		101	72 - 120	6	30
1,1-Dichloroethene	0.0200	0.0199		mg/Kg		99	59 - 137	12	30
1,2,3-Trichlorobenzene	0.0200	0.0205		mg/Kg		102	43 - 198	0	30
1,2,4-Trichlorobenzene	0.0200	0.0213		mg/Kg		106	66 - 158	1	30
1,2,4-Trimethylbenzene	0.0200	0.0212		mg/Kg		106	75 - 120	3	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0136		mg/Kg		68	63 - 145	6	30
1,2-Dichlorobenzene	0.0200	0.0211		mg/Kg		106	80 - 120	1	30
1,2-Dichloroethane	0.0200	0.0198		mg/Kg		99	70 - 123	5	30
1,2-Dichloropropane	0.0200	0.0203		mg/Kg		102	73 - 124	5	30
1,3,5-Trimethylbenzene	0.0200	0.0214		mg/Kg		107	70 - 120	4	30
1,3-Dichlorobenzene	0.0200	0.0214		mg/Kg		107	80 - 120	3	30
1,4-Dichlorobenzene	0.0200	0.0213		mg/Kg		106	80 - 120	1	30
2-Butanone (MEK)	0.100	0.0978		mg/Kg		98	64 - 128	2	30
2-Hexanone	0.100	0.0944		mg/Kg		94	63 - 134	0	30
4-Methyl-2-pentanone (MIBK)	0.100	0.104		mg/Kg		104	80 - 120	1	30
Acetone	0.100	0.0913		mg/Kg		91	58 - 122	8	30
Benzene	0.0200	0.0221		mg/Kg		110	75 - 120	5	30
Bromoform	0.0200	0.0110	*	mg/Kg		55	61 - 125	10	30
Bromomethane	0.0200	0.0266		mg/Kg		133	37 - 150	7	30
Carbon disulfide	0.0200	0.0177		mg/Kg		88	22 - 196	11	30
Carbon tetrachloride	0.0200	0.0152		mg/Kg		76	66 - 127	17	30
Chlorobenzene	0.0200	0.0210		mg/Kg		105	80 - 120	3	30
Chlorobromomethane	0.0200	0.0202		mg/Kg		101	76 - 127	8	30
Chlorodibromomethane	0.0200	0.0138	*	mg/Kg		69	72 - 120	8	30
Chloroethane	0.0200	0.0249		mg/Kg		124	50 - 147	9	30
Chloroform	0.0200	0.0202		mg/Kg		101	79 - 126	6	30
Chloromethane	0.0200	0.0258		mg/Kg		129	36 - 159	9	30
cis-1,2-Dichloroethene	0.0200	0.0207		mg/Kg		104	80 - 123	7	30
cis-1,3-Dichloropropene	0.0200	0.0196		mg/Kg		98	75 - 120	3	30
Cyclohexane	0.0200	0.0225		mg/Kg		113	65 - 132	18	30
Dichlorobromomethane	0.0200	0.0170		mg/Kg		85	77 - 124	8	30
Dichlorodifluoromethane	0.0200	0.0276		mg/Kg		138	45 - 158	8	30
Ethylbenzene	0.0200	0.0219		mg/Kg		110	80 - 120	7	30
Ethylene Dibromide	0.0200	0.0197		mg/Kg		98	79 - 120	3	30
Isopropylbenzene	0.0200	0.0228		mg/Kg		114	74 - 120	8	30
Methyl acetate	0.0400	0.0404		mg/Kg		101	51 - 143	0	30
Methyl tert-butyl ether	0.0200	0.0197		mg/Kg		99	74 - 125	5	30
Methylcyclohexane	0.0200	0.0219		mg/Kg		109	66 - 125	16	30
Methylene Chloride	0.0200	0.0202		mg/Kg		101	78 - 134	7	30
m-Xylene & p-Xylene	0.0200	0.0218		mg/Kg		109	80 - 120	7	30
n-Butylbenzene	0.0200	0.0228		mg/Kg		114	72 - 120	5	30
N-Propylbenzene	0.0200	0.0218		mg/Kg		109	75 - 120	8	30
o-Xylene	0.0200	0.0220		mg/Kg		110	80 - 120	5	30
sec-Butylbenzene	0.0200	0.0217		mg/Kg		109	78 - 120	7	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1109839/4
Matrix: Solid
Analysis Batch: 1109839

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Styrene			0.0200	0.0209		mg/Kg		104	80 - 120	3	30
tert-Butylbenzene			0.0200	0.0210		mg/Kg		105	55 - 135	4	30
Tetrachloroethene			0.0200	0.0220		mg/Kg		110	73 - 120	8	30
Toluene			0.0200	0.0214		mg/Kg		107	80 - 120	5	30
trans-1,2-Dichloroethene			0.0200	0.0210		mg/Kg		105	78 - 120	8	30
trans-1,3-Dichloropropene			0.0200	0.0184		mg/Kg		92	77 - 120	1	30
Trichloroethene			0.0200	0.0201		mg/Kg		101	71 - 120	7	30
Trichlorofluoromethane			0.0200	0.0246		mg/Kg		123	61 - 130	8	30
Vinyl chloride			0.0200	0.0271		mg/Kg		136	54 - 146	8	30
Xylenes, Total			0.0400	0.0438		mg/Kg		109	80 - 120	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*65 - 138*
4-Bromofluorobenzene	*100*		*71 - 128*
Dibromofluoromethane (Surr)	*99*		*65 - 139*
Toluene-d8 (Surr)	*106*		*71 - 126*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-1108693/1-A
Matrix: Solid
Analysis Batch: 1108715

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1108693

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.0029	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.0074	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
1,4-Dioxane	0.033	U	0.033	0.025	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.015	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.0063	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.015	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.010	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
2,4-Dichlorophenol	0.13	U	0.13	0.020	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
2,4-Dimethylphenol	0.33	U	0.33	0.018	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
2,4-Dinitrophenol	0.27	U	0.27	0.12	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
2,4-Dinitrotoluene	0.067	U	0.067	0.013	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
2,6-Dinitrotoluene	0.067	U	0.067	0.011	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
2-Chloronaphthalene	0.33	U	0.33	0.0036	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
2-Chlorophenol	0.33	U	0.33	0.0085	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
2-Methylnaphthalene	0.33	U	0.33	0.0049	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
2-Methylphenol	0.20	U	0.20	0.0096	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
2-Nitroaniline	0.33	U	0.33	0.019	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
2-Nitrophenol	0.33	U	0.33	0.019	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
3 & 4 Methylphenol	0.20	U	0.20	0.021	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.013	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
3-Nitroaniline	0.33	U	0.33	0.023	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.022	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.0061	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.015	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
4-Chloroaniline	0.33	U	0.33	0.015	mg/Kg		05/19/26 06:22	05/19/26 12:13	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1108693/1-A
Matrix: Solid
Analysis Batch: 1108715

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1108693

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.0088	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
4-Methylphenol	0.33	U	0.33	0.017	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
4-Nitroaniline	0.33	U	0.33	0.021	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
4-Nitrophenol	0.67	U	0.67	0.042	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
Acenaphthene	0.33	U	0.33	0.0048	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
Acenaphthylene	0.33	U	0.33	0.0041	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
Acetophenone	0.33	U	0.33	0.014	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
Anthracene	0.33	U	0.33	0.0032	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
Atrazine	0.13	U	0.13	0.0087	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
Benzaldehyde	0.33	U	0.33	0.014	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
Benzo[a]anthracene	0.033	U	0.033	0.0031	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
Benzo[a]pyrene	0.033	U	0.033	0.0060	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0049	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0055	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0050	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.015	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.015	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.011	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
Butyl benzyl phthalate	0.33	U	0.33	0.011	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
Caprolactam	0.33	U	0.33	0.021	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
Carbazole	0.33	U	0.33	0.0092	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
Chrysene	0.33	U	0.33	0.0036	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.0069	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
Dibenzofuran	0.33	U	0.33	0.0052	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
Diethyl phthalate	0.33	U	0.33	0.0056	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
Dimethyl phthalate	0.33	U	0.33	0.0039	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
Di-n-butyl phthalate	0.33	U	0.33	0.0082	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
Di-n-octyl phthalate	0.33	U	0.33	0.014	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
Fluoranthene	0.33	U	0.33	0.0059	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
Fluorene	0.33	U	0.33	0.0061	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
Hexachlorobenzene	0.033	U	0.033	0.0061	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
Hexachlorobutadiene	0.067	U	0.067	0.0063	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.018	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
Hexachloroethane	0.033	U	0.033	0.0086	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.022	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
Isophorone	0.13	U	0.13	0.0077	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
Naphthalene	0.33	U	0.33	0.0026	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
Nitrobenzene	0.033	U	0.033	0.015	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.015	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.0058	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
Pentachlorophenol	0.27	U	0.27	0.022	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
Phenanthrene	0.33	U	0.33	0.0056	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
Phenol	0.20	U	0.20	0.019	mg/Kg		05/19/26 06:22	05/19/26 12:13	1
Pyrene	0.33	U	0.33	0.0054	mg/Kg		05/19/26 06:22	05/19/26 12:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*82*		*18 - 137*	*05/19/26 06:22*	*05/19/26 12:13*	*1*
2-Fluorobiphenyl	*81*		*33 - 117*	*05/19/26 06:22*	*05/19/26 12:13*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1108693/1-A
Matrix: Solid
Analysis Batch: 1108715

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1108693

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	83		24 - 120	05/19/26 06:22	05/19/26 12:13	1
Nitrobenzene-d5 (Surr)	78		27 - 120	05/19/26 06:22	05/19/26 12:13	1
Phenol-d5 (Surr)	81		28 - 118	05/19/26 06:22	05/19/26 12:13	1
Terphenyl-d14 (Surr)	86		33 - 124	05/19/26 06:22	05/19/26 12:13	1

Lab Sample ID: LCS 460-1108693/2-A
Matrix: Solid
Analysis Batch: 1108715

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1108693

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	3.33	2.59		mg/Kg		78	64 - 120
1,2,4,5-Tetrachlorobenzene	3.33	2.43		mg/Kg		73	60 - 120
1,4-Dioxane	3.33	1.98		mg/Kg		59	31 - 105
2,2'-oxybis[1-chloropropane]	3.33	2.14		mg/Kg		64	50 - 126
2,3,4,6-Tetrachlorophenol	3.33	2.98		mg/Kg		89	62 - 120
2,4,5-Trichlorophenol	3.33	2.85		mg/Kg		85	64 - 120
2,4,6-Trichlorophenol	3.33	2.83		mg/Kg		85	65 - 120
2,4-Dichlorophenol	3.33	2.74		mg/Kg		82	66 - 120
2,4-Dimethylphenol	3.33	2.77		mg/Kg		83	75 - 136
2,4-Dinitrophenol	6.67	6.21		mg/Kg		93	41 - 120
2,4-Dinitrotoluene	3.33	3.00		mg/Kg		90	65 - 124
2,6-Dinitrotoluene	3.33	2.98		mg/Kg		89	67 - 121
2-Chloronaphthalene	3.33	2.53		mg/Kg		76	64 - 120
2-Chlorophenol	3.33	2.45		mg/Kg		73	63 - 120
2-Methylnaphthalene	3.33	2.64		mg/Kg		79	56 - 102
2-Methylphenol	3.33	2.56		mg/Kg		77	63 - 120
2-Nitroaniline	3.33	2.58		mg/Kg		77	52 - 120
2-Nitrophenol	3.33	2.53		mg/Kg		76	64 - 120
3 & 4 Methylphenol	3.33	2.70		mg/Kg		81	61 - 120
3,3'-Dichlorobenzidine	3.33	2.13		mg/Kg		64	10 - 106
3-Nitroaniline	3.33	2.30		mg/Kg		69	18 - 105
4,6-Dinitro-2-methylphenol	6.67	6.77		mg/Kg		102	61 - 127
4-Bromophenyl phenyl ether	3.33	3.01		mg/Kg		90	64 - 120
4-Chloro-3-methylphenol	3.33	2.95		mg/Kg		89	68 - 120
4-Chloroaniline	3.33	2.08		mg/Kg		63	10 - 107
4-Chlorophenyl phenyl ether	3.33	2.86		mg/Kg		86	62 - 120
4-Methylphenol	3.33	2.70		mg/Kg		81	61 - 120
4-Nitroaniline	3.33	3.15		mg/Kg		95	51 - 112
4-Nitrophenol	6.67	6.41		mg/Kg		96	52 - 122
Acenaphthene	3.33	2.73		mg/Kg		82	65 - 120
Acenaphthylene	3.33	2.76		mg/Kg		83	68 - 120
Acetophenone	3.33	2.42		mg/Kg		73	61 - 111
Anthracene	3.33	3.07		mg/Kg		92	67 - 120
Atrazine	1.33	2.24	*	mg/Kg		168	52 - 150
Benzaldehyde	1.33	1.61		mg/Kg		121	45 - 150
Benzo[a]anthracene	3.33	3.05		mg/Kg		91	66 - 120
Benzo[a]pyrene	3.33	3.11		mg/Kg		93	69 - 123
Benzo[b]fluoranthene	3.33	3.01		mg/Kg		90	66 - 125

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1108693/2-A
Matrix: Solid
Analysis Batch: 1108715

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1108693

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[g,h,i]perylene	3.33	3.18		mg/Kg		95	66 - 138
Benzo[k]fluoranthene	3.33	3.05		mg/Kg		92	67 - 122
Bis(2-chloroethoxy)methane	3.33	2.44		mg/Kg		73	62 - 120
Bis(2-chloroethyl)ether	3.33	2.31		mg/Kg		69	60 - 120
Bis(2-ethylhexyl) phthalate	3.33	3.07		mg/Kg		92	64 - 125
Butyl benzyl phthalate	3.33	3.20		mg/Kg		96	62 - 127
Caprolactam	1.33	2.02	*	mg/Kg		152	46 - 150
Carbazole	3.33	3.17		mg/Kg		95	64 - 120
Chrysene	3.33	3.07		mg/Kg		92	67 - 120
Dibenz(a,h)anthracene	3.33	3.35		mg/Kg		100	66 - 128
Dibenzofuran	3.33	2.75		mg/Kg		82	61 - 120
Diethyl phthalate	3.33	2.84		mg/Kg		85	63 - 120
Dimethyl phthalate	3.33	2.87		mg/Kg		86	65 - 120
Di-n-butyl phthalate	3.33	3.23		mg/Kg		97	61 - 120
Di-n-octyl phthalate	3.33	3.09		mg/Kg		93	61 - 123
Fluoranthene	3.33	3.07		mg/Kg		92	61 - 120
Fluorene	3.33	2.81		mg/Kg		84	64 - 120
Hexachlorobenzene	3.33	3.02		mg/Kg		91	66 - 120
Hexachlorobutadiene	3.33	2.41		mg/Kg		72	62 - 120
Hexachlorocyclopentadiene	3.33	2.69		mg/Kg		81	32 - 150
Hexachloroethane	3.33	2.29		mg/Kg		69	61 - 112
Indeno[1,2,3-cd]pyrene	3.33	3.00		mg/Kg		90	63 - 137
Isophorone	3.33	2.52		mg/Kg		76	61 - 120
Naphthalene	3.33	2.45		mg/Kg		74	63 - 113
Nitrobenzene	3.33	2.44		mg/Kg		73	63 - 120
N-Nitrosodi-n-propylamine	3.33	2.41		mg/Kg		72	60 - 120
N-Nitrosodiphenylamine	3.33	3.02		mg/Kg		90	63 - 120
Pentachlorophenol	6.67	6.62		mg/Kg		99	61 - 126
Phenanthrene	3.33	3.02		mg/Kg		91	66 - 120
Phenol	3.33	2.52		mg/Kg		76	63 - 120
Pyrene	3.33	3.05		mg/Kg		92	61 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*88*		*18 - 137*
2-Fluorobiphenyl	*76*		*33 - 117*
2-Fluorophenol (Surr)	*74*		*24 - 120*
Nitrobenzene-d5 (Surr)	*70*		*27 - 120*
Phenol-d5 (Surr)	*74*		*28 - 118*
Terphenyl-d14 (Surr)	*88*		*33 - 124*

Lab Sample ID: LCSD 460-1108693/3-A
Matrix: Solid
Analysis Batch: 1108715

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1108693

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	3.33	2.73		mg/Kg		82	64 - 120	5	30
1,2,4,5-Tetrachlorobenzene	3.33	2.66		mg/Kg		80	60 - 120	9	30
1,4-Dioxane	3.33	2.08		mg/Kg		62	31 - 105	5	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1108693/3-A
Matrix: Solid
Analysis Batch: 1108715

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1108693

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,2'-oxybis[1-chloropropane]	3.33	2.33		mg/Kg		70	50 - 126	9	30
2,3,4,6-Tetrachlorophenol	3.33	3.00		mg/Kg		90	62 - 120	1	30
2,4,5-Trichlorophenol	3.33	2.87		mg/Kg		86	64 - 120	1	30
2,4,6-Trichlorophenol	3.33	2.96		mg/Kg		89	65 - 120	5	30
2,4-Dichlorophenol	3.33	2.95		mg/Kg		88	66 - 120	7	30
2,4-Dimethylphenol	3.33	2.92		mg/Kg		88	75 - 136	5	30
2,4-Dinitrophenol	6.67	6.35		mg/Kg		95	41 - 120	2	30
2,4-Dinitrotoluene	3.33	3.05		mg/Kg		91	65 - 124	2	30
2,6-Dinitrotoluene	3.33	3.00		mg/Kg		90	67 - 121	1	30
2-Chloronaphthalene	3.33	2.69		mg/Kg		81	64 - 120	6	30
2-Chlorophenol	3.33	2.67		mg/Kg		80	63 - 120	9	30
2-Methylnaphthalene	3.33	2.85		mg/Kg		86	56 - 102	8	30
2-Methylphenol	3.33	2.80		mg/Kg		84	63 - 120	9	30
2-Nitroaniline	3.33	2.58		mg/Kg		77	52 - 120	0	30
2-Nitrophenol	3.33	2.78		mg/Kg		83	64 - 120	9	30
3 & 4 Methylphenol	3.33	2.82		mg/Kg		85	61 - 120	4	30
3,3'-Dichlorobenzidine	3.33	2.22		mg/Kg		66	10 - 106	4	30
3-Nitroaniline	3.33	2.40		mg/Kg		72	18 - 105	4	30
4,6-Dinitro-2-methylphenol	6.67	6.75		mg/Kg		101	61 - 127	0	30
4-Bromophenyl phenyl ether	3.33	3.01		mg/Kg		90	64 - 120	0	30
4-Chloro-3-methylphenol	3.33	2.99		mg/Kg		90	68 - 120	1	30
4-Chloroaniline	3.33	2.23		mg/Kg		67	10 - 107	7	30
4-Chlorophenyl phenyl ether	3.33	2.86		mg/Kg		86	62 - 120	0	30
4-Methylphenol	3.33	2.82		mg/Kg		85	61 - 120	4	30
4-Nitroaniline	3.33	3.12		mg/Kg		94	51 - 112	1	30
4-Nitrophenol	6.67	6.72		mg/Kg		101	52 - 122	5	30
Acenaphthene	3.33	2.77		mg/Kg		83	65 - 120	1	30
Acenaphthylene	3.33	2.79		mg/Kg		84	68 - 120	1	30
Acetophenone	3.33	2.59		mg/Kg		78	61 - 111	7	30
Anthracene	3.33	3.03		mg/Kg		91	67 - 120	1	30
Atrazine	1.33	2.40	*	mg/Kg		180	52 - 150	7	30
Benzaldehyde	1.33	1.80		mg/Kg		135	45 - 150	11	30
Benzo[a]anthracene	3.33	3.03		mg/Kg		91	66 - 120	1	30
Benzo[a]pyrene	3.33	3.11		mg/Kg		93	69 - 123	0	30
Benzo[b]fluoranthene	3.33	3.00		mg/Kg		90	66 - 125	0	30
Benzo[g,h,i]perylene	3.33	3.18		mg/Kg		95	66 - 138	0	30
Benzo[k]fluoranthene	3.33	3.03		mg/Kg		91	67 - 122	1	30
Bis(2-chloroethoxy)methane	3.33	2.68		mg/Kg		80	62 - 120	9	30
Bis(2-chloroethyl)ether	3.33	2.47		mg/Kg		74	60 - 120	7	30
Bis(2-ethylhexyl) phthalate	3.33	3.07		mg/Kg		92	64 - 125	0	30
Butyl benzyl phthalate	3.33	3.16		mg/Kg		95	62 - 127	1	30
Caprolactam	1.33	2.17	*	mg/Kg		163	46 - 150	7	30
Carbazole	3.33	3.15		mg/Kg		95	64 - 120	1	30
Chrysene	3.33	3.05		mg/Kg		92	67 - 120	1	30
Dibenz(a,h)anthracene	3.33	3.34		mg/Kg		100	66 - 128	0	30
Dibenzofuran	3.33	2.80		mg/Kg		84	61 - 120	2	30
Diethyl phthalate	3.33	2.87		mg/Kg		86	63 - 120	1	30
Dimethyl phthalate	3.33	2.86		mg/Kg		86	65 - 120	0	30
Di-n-butyl phthalate	3.33	3.20		mg/Kg		96	61 - 120	1	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1108693/3-A
Matrix: Solid
Analysis Batch: 1108715

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1108693

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Di-n-octyl phthalate			3.33	3.08		mg/Kg		92	61 - 123	1	30
Fluoranthene			3.33	3.06		mg/Kg		92	61 - 120	0	30
Fluorene			3.33	2.84		mg/Kg		85	64 - 120	1	30
Hexachlorobenzene			3.33	3.00		mg/Kg		90	66 - 120	1	30
Hexachlorobutadiene			3.33	2.63		mg/Kg		79	62 - 120	9	30
Hexachlorocyclopentadiene			3.33	2.94		mg/Kg		88	32 - 150	9	30
Hexachloroethane			3.33	2.51		mg/Kg		75	61 - 112	9	30
Indeno[1,2,3-cd]pyrene			3.33	3.01		mg/Kg		90	63 - 137	0	30
Isophorone			3.33	2.69		mg/Kg		81	61 - 120	6	30
Naphthalene			3.33	2.69		mg/Kg		81	63 - 113	9	30
Nitrobenzene			3.33	2.66		mg/Kg		80	63 - 120	9	30
N-Nitrosodi-n-propylamine			3.33	2.64		mg/Kg		79	60 - 120	9	30
N-Nitrosodiphenylamine			3.33	3.02		mg/Kg		91	63 - 120	0	30
Pentachlorophenol			6.67	6.52		mg/Kg		98	61 - 126	2	30
Phenanthrene			3.33	3.01		mg/Kg		90	66 - 120	0	30
Phenol			3.33	2.68		mg/Kg		80	63 - 120	6	30
Pyrene			3.33	3.01		mg/Kg		90	61 - 121	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*88*		*18 - 137*
2-Fluorobiphenyl	*81*		*33 - 117*
2-Fluorophenol (Surr)	*78*		*24 - 120*
Nitrobenzene-d5 (Surr)	*77*		*27 - 120*
Phenol-d5 (Surr)	*79*		*28 - 118*
Terphenyl-d14 (Surr)	*87*		*33 - 124*

Lab Sample ID: 460-351253-C-1-A MS
Matrix: Solid
Analysis Batch: 1108715

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1108693

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	0.0092	J	3.61	2.83		mg/Kg	☼	78	64 - 120
1,2,4,5-Tetrachlorobenzene	0.36	U	3.61	2.79		mg/Kg	☼	77	60 - 120
1,4-Dioxane	0.036	U	3.61	2.03		mg/Kg	☼	56	31 - 105
2,2'-oxybis[1-chloropropane]	0.36	U	3.61	2.49		mg/Kg	☼	69	50 - 126
2,3,4,6-Tetrachlorophenol	0.033	J	3.61	3.09		mg/Kg	☼	84	62 - 120
2,4,5-Trichlorophenol	0.36	U	3.61	2.95		mg/Kg	☼	82	64 - 120
2,4,6-Trichlorophenol	0.14	U	3.61	3.03		mg/Kg	☼	84	65 - 120
2,4-Dichlorophenol	0.14	U	3.61	3.12		mg/Kg	☼	86	66 - 120
2,4-Dimethylphenol	0.36	U	3.61	3.06		mg/Kg	☼	85	75 - 136
2,4-Dinitrophenol	0.29	U	7.23	0.383	*	mg/Kg	☼	5	41 - 120
2,4-Dinitrotoluene	0.072	U	3.61	2.66		mg/Kg	☼	74	65 - 124
2,6-Dinitrotoluene	0.072	U	3.61	2.92		mg/Kg	☼	81	67 - 121
2-Chloronaphthalene	0.36	U	3.61	2.82		mg/Kg	☼	78	64 - 120
2-Chlorophenol	0.36	U	3.61	2.88		mg/Kg	☼	80	63 - 120
2-Methylnaphthalene	0.022	J	3.61	2.98		mg/Kg	☼	82	56 - 102
2-Methylphenol	0.22	U	3.61	2.92		mg/Kg	☼	81	63 - 120
2-Nitroaniline	0.36	U	3.61	2.64		mg/Kg	☼	73	52 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-351253-C-1-A MS
Matrix: Solid
Analysis Batch: 1108715

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1108693

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2-Nitrophenol	0.36	U	3.61	2.19	*	mg/Kg	☼	61	64 - 120
3 & 4 Methylphenol	0.22	U	3.61	3.03		mg/Kg	☼	84	61 - 120
3,3'-Dichlorobenzidine	0.14	U	3.61	2.66		mg/Kg	☼	74	10 - 106
3-Nitroaniline	0.36	U	3.61	2.95		mg/Kg	☼	82	18 - 105
4,6-Dinitro-2-methylphenol	0.29	U	7.23	0.298	*	mg/Kg	☼	4	61 - 127
4-Bromophenyl phenyl ether	0.36	U	3.61	3.03		mg/Kg	☼	84	64 - 120
4-Chloro-3-methylphenol	0.36	U	3.61	2.99		mg/Kg	☼	83	68 - 120
4-Chloroaniline	0.36	U	3.61	2.20		mg/Kg	☼	61	10 - 107
4-Chlorophenyl phenyl ether	0.36	U	3.61	2.94		mg/Kg	☼	81	62 - 120
4-Methylphenol	0.36	U	3.61	3.03		mg/Kg	☼	84	61 - 120
4-Nitroaniline	0.36	U	3.61	2.97		mg/Kg	☼	82	51 - 112
4-Nitrophenol	0.72	U	7.23	6.28		mg/Kg	☼	87	52 - 122
Acenaphthene	0.086	J	3.61	2.89		mg/Kg	☼	78	65 - 120
Acenaphthylene	0.021	J	3.61	2.91		mg/Kg	☼	80	68 - 120
Acetophenone	0.36	U	3.61	2.74		mg/Kg	☼	76	61 - 111
Anthracene	0.16	J	3.61	3.15		mg/Kg	☼	83	67 - 120
Atrazine	0.14	U *	1.45	2.04		mg/Kg	☼	141	52 - 150
Benzaldehyde	0.36	U	1.45	1.68	E	mg/Kg	☼	116	45 - 150
Benzo[a]anthracene	0.96		3.61	3.89		mg/Kg	☼	81	66 - 120
Benzo[a]pyrene	1.1		3.61	4.05		mg/Kg	☼	82	69 - 123
Benzo[b]fluoranthene	1.8		3.61	5.00		mg/Kg	☼	88	66 - 125
Benzo[g,h,i]perylene	0.84		3.61	2.94	*	mg/Kg	☼	58	66 - 138
Benzo[k]fluoranthene	0.58		3.61	3.56		mg/Kg	☼	82	67 - 122
Bis(2-chloroethoxy)methane	0.36	U	3.61	2.76		mg/Kg	☼	76	62 - 120
Bis(2-chloroethyl)ether	0.036	U	3.61	2.76		mg/Kg	☼	76	60 - 120
Bis(2-ethylhexyl) phthalate	0.020	J	3.61	3.11		mg/Kg	☼	86	64 - 125
Butyl benzyl phthalate	0.36	U	3.61	3.20		mg/Kg	☼	89	62 - 127
Caprolactam	0.36	U *	1.45	1.83		mg/Kg	☼	127	46 - 150
Carbazole	0.18	J	3.61	3.24		mg/Kg	☼	85	64 - 120
Chrysene	1.3		3.61	4.25		mg/Kg	☼	81	67 - 120
Dibenz(a,h)anthracene	0.17		3.61	2.96		mg/Kg	☼	77	66 - 128
Dibenzofuran	0.048	J	3.61	2.93		mg/Kg	☼	80	61 - 120
Diethyl phthalate	0.36	U	3.61	2.85		mg/Kg	☼	79	63 - 120
Dimethyl phthalate	0.36	U	3.61	2.87		mg/Kg	☼	79	65 - 120
Di-n-butyl phthalate	0.016	J	3.61	3.26		mg/Kg	☼	90	61 - 120
Di-n-octyl phthalate	0.36	U	3.61	3.27		mg/Kg	☼	90	61 - 123
Fluoranthene	3.0		3.61	5.57		mg/Kg	☼	70	61 - 120
Fluorene	0.078	J	3.61	2.94		mg/Kg	☼	79	64 - 120
Hexachlorobenzene	0.036	U	3.61	3.06		mg/Kg	☼	85	66 - 120
Hexachlorobutadiene	0.072	U	3.61	2.86		mg/Kg	☼	79	62 - 120
Hexachlorocyclopentadiene	0.36	U	3.61	0.927	*	mg/Kg	☼	26	32 - 150
Hexachloroethane	0.036	U	3.61	2.53		mg/Kg	☼	70	61 - 112
Indeno[1,2,3-cd]pyrene	0.85		3.61	2.90	*	mg/Kg	☼	57	63 - 137
Isophorone	0.14	U	3.61	2.73		mg/Kg	☼	75	61 - 120
Naphthalene	0.014	J	3.61	2.82		mg/Kg	☼	78	63 - 113
Nitrobenzene	0.036	U	3.61	2.83		mg/Kg	☼	78	63 - 120
N-Nitrosodi-n-propylamine	0.036	U	3.61	2.76		mg/Kg	☼	76	60 - 120
N-Nitrosodiphenylamine	0.36	U	3.61	3.07		mg/Kg	☼	85	63 - 120
Pentachlorophenol	1.2		7.23	8.00		mg/Kg	☼	94	61 - 126

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-351253-C-1-A MS
Matrix: Solid
Analysis Batch: 1108715

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1108693

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Phenanthrene	1.6		3.61	4.28		mg/Kg	☼	75	66 - 120
Phenol	0.22	U	3.61	2.90		mg/Kg	☼	80	63 - 120
Pyrene	2.3		3.61	5.00		mg/Kg	☼	74	61 - 121

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*82*		*18 - 137*
2-Fluorobiphenyl	*78*		*33 - 117*
2-Fluorophenol (Surr)	*77*		*24 - 120*
Nitrobenzene-d5 (Surr)	*75*		*27 - 120*
Phenol-d5 (Surr)	*77*		*28 - 118*
Terphenyl-d14 (Surr)	*78*		*33 - 124*

Lab Sample ID: 460-351253-C-1-B MSD
Matrix: Solid
Analysis Batch: 1108715

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1108693

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	0.0092	J	3.62	2.57		mg/Kg	☼	71	64 - 120	10	30
1,2,4,5-Tetrachlorobenzene	0.36	U	3.62	2.56		mg/Kg	☼	71	60 - 120	8	30
1,4-Dioxane	0.036	U	3.62	1.78		mg/Kg	☼	49	31 - 105	13	30
2,2'-oxybis[1-chloropropane]	0.36	U	3.62	2.26		mg/Kg	☼	62	50 - 126	10	30
2,3,4,6-Tetrachlorophenol	0.033	J	3.62	2.79		mg/Kg	☼	76	62 - 120	10	30
2,4,5-Trichlorophenol	0.36	U	3.62	2.67		mg/Kg	☼	74	64 - 120	10	30
2,4,6-Trichlorophenol	0.14	U	3.62	2.78		mg/Kg	☼	77	65 - 120	8	30
2,4-Dichlorophenol	0.14	U	3.62	2.80		mg/Kg	☼	77	66 - 120	11	30
2,4-Dimethylphenol	0.36	U	3.62	2.78		mg/Kg	☼	77	75 - 136	9	30
2,4-Dinitrophenol	0.29	U	7.24	0.366	*	mg/Kg	☼	5	41 - 120	5	30
2,4-Dinitrotoluene	0.072	U	3.62	2.39		mg/Kg	☼	66	65 - 124	11	30
2,6-Dinitrotoluene	0.072	U	3.62	2.65		mg/Kg	☼	73	67 - 121	9	30
2-Chloronaphthalene	0.36	U	3.62	2.57		mg/Kg	☼	71	64 - 120	9	30
2-Chlorophenol	0.36	U	3.62	2.62		mg/Kg	☼	72	63 - 120	10	30
2-Methylnaphthalene	0.022	J	3.62	2.72		mg/Kg	☼	75	56 - 102	9	30
2-Methylphenol	0.22	U	3.62	2.69		mg/Kg	☼	74	63 - 120	8	30
2-Nitroaniline	0.36	U	3.62	2.41		mg/Kg	☼	67	52 - 120	9	30
2-Nitrophenol	0.36	U	3.62	1.98	*	mg/Kg	☼	55	64 - 120	10	30
3 & 4 Methylphenol	0.22	U	3.62	2.75		mg/Kg	☼	76	61 - 120	10	30
3,3'-Dichlorobenzidine	0.14	U	3.62	2.46		mg/Kg	☼	68	10 - 106	8	30
3-Nitroaniline	0.36	U	3.62	2.70		mg/Kg	☼	75	18 - 105	9	30
4,6-Dinitro-2-methylphenol	0.29	U	7.24	0.271	J *	mg/Kg	☼	4	61 - 127	9	30
4-Bromophenyl phenyl ether	0.36	U	3.62	2.81		mg/Kg	☼	78	64 - 120	8	30
4-Chloro-3-methylphenol	0.36	U	3.62	2.77		mg/Kg	☼	77	68 - 120	7	30
4-Chloroaniline	0.36	U	3.62	1.92		mg/Kg	☼	53	10 - 107	14	30
4-Chlorophenyl phenyl ether	0.36	U	3.62	2.62		mg/Kg	☼	72	62 - 120	11	30
4-Methylphenol	0.36	U	3.62	2.75		mg/Kg	☼	76	61 - 120	10	30
4-Nitroaniline	0.36	U	3.62	2.68		mg/Kg	☼	74	51 - 112	10	30
4-Nitrophenol	0.72	U	7.24	5.84		mg/Kg	☼	81	52 - 122	7	30
Acenaphthene	0.086	J	3.62	2.65		mg/Kg	☼	71	65 - 120	9	30
Acenaphthylene	0.021	J	3.62	2.68		mg/Kg	☼	74	68 - 120	8	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-351253-C-1-B MSD
Matrix: Solid
Analysis Batch: 1108715

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1108693

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetophenone	0.36	U	3.62	2.53		mg/Kg	☼	70	61 - 111	8	30
Anthracene	0.16	J	3.62	2.89		mg/Kg	☼	75	67 - 120	9	30
Atrazine	0.14	U *	1.45	1.66		mg/Kg	☼	115	52 - 150	20	30
Benzaldehyde	0.36	U	1.45	1.35	E	mg/Kg	☼	93	45 - 150	22	30
Benzo[a]anthracene	0.96		3.62	3.56		mg/Kg	☼	72	66 - 120	9	30
Benzo[a]pyrene	1.1		3.62	3.63		mg/Kg	☼	70	69 - 123	11	30
Benzo[b]fluoranthene	1.8		3.62	4.09	*	mg/Kg	☼	63	66 - 125	20	30
Benzo[g,h,i]perylene	0.84		3.62	2.74	*	mg/Kg	☼	53	66 - 138	7	30
Benzo[k]fluoranthene	0.58		3.62	3.57		mg/Kg	☼	82	67 - 122	0	30
Bis(2-chloroethoxy)methane	0.36	U	3.62	2.56		mg/Kg	☼	71	62 - 120	7	30
Bis(2-chloroethyl)ether	0.036	U	3.62	2.55		mg/Kg	☼	70	60 - 120	8	30
Bis(2-ethylhexyl) phthalate	0.020	J	3.62	2.80		mg/Kg	☼	77	64 - 125	10	30
Butyl benzyl phthalate	0.36	U	3.62	2.87		mg/Kg	☼	79	62 - 127	11	30
Caprolactam	0.36	U *	1.45	1.49		mg/Kg	☼	103	46 - 150	21	30
Carbazole	0.18	J	3.62	2.97		mg/Kg	☼	77	64 - 120	9	30
Chrysene	1.3		3.62	3.82		mg/Kg	☼	69	67 - 120	11	30
Dibenz(a,h)anthracene	0.17		3.62	2.66		mg/Kg	☼	69	66 - 128	11	30
Dibenzofuran	0.048	J	3.62	2.67		mg/Kg	☼	72	61 - 120	9	30
Diethyl phthalate	0.36	U	3.62	2.58		mg/Kg	☼	71	63 - 120	10	30
Dimethyl phthalate	0.36	U	3.62	2.64		mg/Kg	☼	73	65 - 120	8	30
Di-n-butyl phthalate	0.016	J	3.62	2.96		mg/Kg	☼	81	61 - 120	10	30
Di-n-octyl phthalate	0.36	U	3.62	2.89		mg/Kg	☼	80	61 - 123	12	30
Fluoranthene	3.0		3.62	5.22	*	mg/Kg	☼	60	61 - 120	6	30
Fluorene	0.078	J	3.62	2.69		mg/Kg	☼	72	64 - 120	9	30
Hexachlorobenzene	0.036	U	3.62	2.77		mg/Kg	☼	77	66 - 120	10	30
Hexachlorobutadiene	0.072	U	3.62	2.59		mg/Kg	☼	71	62 - 120	10	30
Hexachlorocyclopentadiene	0.36	U	3.62	0.834	*	mg/Kg	☼	23	32 - 150	11	30
Hexachloroethane	0.036	U	3.62	2.33		mg/Kg	☼	64	61 - 112	8	30
Indeno[1,2,3-cd]pyrene	0.85		3.62	2.67	*	mg/Kg	☼	50	63 - 137	8	30
Isophorone	0.14	U	3.62	2.49		mg/Kg	☼	69	61 - 120	9	30
Naphthalene	0.014	J	3.62	2.59		mg/Kg	☼	71	63 - 113	8	30
Nitrobenzene	0.036	U	3.62	2.52		mg/Kg	☼	70	63 - 120	12	30
N-Nitrosodi-n-propylamine	0.036	U	3.62	2.54		mg/Kg	☼	70	60 - 120	8	30
N-Nitrosodiphenylamine	0.36	U	3.62	2.79		mg/Kg	☼	77	63 - 120	10	30
Pentachlorophenol	1.2		7.24	7.49		mg/Kg	☼	87	61 - 126	7	30
Phenanthrene	1.6		3.62	3.94		mg/Kg	☼	66	66 - 120	8	30
Phenol	0.22	U	3.62	2.60		mg/Kg	☼	72	63 - 120	11	30
Pyrene	2.3		3.62	4.59		mg/Kg	☼	63	61 - 121	8	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*77*		*18 - 137*
2-Fluorobiphenyl	*74*		*33 - 117*
2-Fluorophenol (Surr)	*73*		*24 - 120*
Nitrobenzene-d5 (Surr)	*70*		*27 - 120*
Phenol-d5 (Surr)	*72*		*28 - 118*
Terphenyl-d14 (Surr)	*73*		*33 - 124*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 460-1108950/1-A
Matrix: Solid
Analysis Batch: 1109108

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1108950

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0020	U	0.0020	0.00081	mg/Kg		05/20/26 10:39	05/21/26 06:50	1
4,4'-DDD	0.0020	U	0.0020	0.00081	mg/Kg		05/20/26 10:39	05/21/26 06:50	1
4,4'-DDE	0.0020	U	0.0020	0.00052	mg/Kg		05/20/26 10:39	05/21/26 06:50	1
4,4'-DDE	0.0020	U	0.0020	0.00052	mg/Kg		05/20/26 10:39	05/21/26 06:50	1
4,4'-DDT	0.0020	U	0.0020	0.00068	mg/Kg		05/20/26 10:39	05/21/26 06:50	1
4,4'-DDT	0.0020	U	0.0020	0.00068	mg/Kg		05/20/26 10:39	05/21/26 06:50	1
Aldrin	0.0020	U	0.0020	0.00030	mg/Kg		05/20/26 10:39	05/21/26 06:50	1
Aldrin	0.0020	U	0.0020	0.00030	mg/Kg		05/20/26 10:39	05/21/26 06:50	1
alpha-BHC	0.0020	U	0.0020	0.00034	mg/Kg		05/20/26 10:39	05/21/26 06:50	1
alpha-BHC	0.0020	U	0.0020	0.00034	mg/Kg		05/20/26 10:39	05/21/26 06:50	1
beta-BHC	0.0020	U	0.0020	0.00040	mg/Kg		05/20/26 10:39	05/21/26 06:50	1
beta-BHC	0.0020	U	0.0020	0.00040	mg/Kg		05/20/26 10:39	05/21/26 06:50	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		05/20/26 10:39	05/21/26 06:50	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		05/20/26 10:39	05/21/26 06:50	1
cis-Chlordane	0.0020	U	0.0020	0.00021	mg/Kg		05/20/26 10:39	05/21/26 06:50	1
cis-Chlordane	0.0020	U	0.0020	0.00021	mg/Kg		05/20/26 10:39	05/21/26 06:50	1
delta-BHC	0.0020	U	0.0020	0.00028	mg/Kg		05/20/26 10:39	05/21/26 06:50	1
delta-BHC	0.0020	U	0.0020	0.00028	mg/Kg		05/20/26 10:39	05/21/26 06:50	1
Dieldrin	0.0020	U	0.0020	0.00057	mg/Kg		05/20/26 10:39	05/21/26 06:50	1
Dieldrin	0.0020	U	0.0020	0.00057	mg/Kg		05/20/26 10:39	05/21/26 06:50	1
Endosulfan I	0.0020	U	0.0020	0.00025	mg/Kg		05/20/26 10:39	05/21/26 06:50	1
Endosulfan I	0.0020	U	0.0020	0.00025	mg/Kg		05/20/26 10:39	05/21/26 06:50	1
Endosulfan II	0.0020	U	0.0020	0.00034	mg/Kg		05/20/26 10:39	05/21/26 06:50	1
Endosulfan II	0.0020	U	0.0020	0.00034	mg/Kg		05/20/26 10:39	05/21/26 06:50	1
Endosulfan sulfate	0.0020	U	0.0020	0.00044	mg/Kg		05/20/26 10:39	05/21/26 06:50	1
Endosulfan sulfate	0.0020	U	0.0020	0.00044	mg/Kg		05/20/26 10:39	05/21/26 06:50	1
Endrin	0.0020	U	0.0020	0.00020	mg/Kg		05/20/26 10:39	05/21/26 06:50	1
Endrin	0.0020	U	0.0020	0.00020	mg/Kg		05/20/26 10:39	05/21/26 06:50	1
Endrin aldehyde	0.0020	U	0.0020	0.00040	mg/Kg		05/20/26 10:39	05/21/26 06:50	1
Endrin aldehyde	0.0020	U	0.0020	0.00040	mg/Kg		05/20/26 10:39	05/21/26 06:50	1
Endrin ketone	0.0020	U	0.0020	0.00031	mg/Kg		05/20/26 10:39	05/21/26 06:50	1
Endrin ketone	0.0020	U	0.0020	0.00031	mg/Kg		05/20/26 10:39	05/21/26 06:50	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00019	mg/Kg		05/20/26 10:39	05/21/26 06:50	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00019	mg/Kg		05/20/26 10:39	05/21/26 06:50	1
Heptachlor	0.0020	U	0.0020	0.00025	mg/Kg		05/20/26 10:39	05/21/26 06:50	1
Heptachlor	0.0020	U	0.0020	0.00025	mg/Kg		05/20/26 10:39	05/21/26 06:50	1
Heptachlor epoxide	0.0020	U	0.0020	0.00038	mg/Kg		05/20/26 10:39	05/21/26 06:50	1
Heptachlor epoxide	0.0020	U	0.0020	0.00038	mg/Kg		05/20/26 10:39	05/21/26 06:50	1
Methoxychlor	0.0020	U	0.0020	0.00076	mg/Kg		05/20/26 10:39	05/21/26 06:50	1
Methoxychlor	0.0020	U	0.0020	0.00076	mg/Kg		05/20/26 10:39	05/21/26 06:50	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		05/20/26 10:39	05/21/26 06:50	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		05/20/26 10:39	05/21/26 06:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*106*		*10 - 150*	*05/20/26 10:39*	*05/21/26 06:50*	*1*
DCB Decachlorobiphenyl	*101*		*10 - 150*	*05/20/26 10:39*	*05/21/26 06:50*	*1*
Tetrachloro-m-xylene	*85*		*14 - 150*	*05/20/26 10:39*	*05/21/26 06:50*	*1*
Tetrachloro-m-xylene	*86*		*14 - 150*	*05/20/26 10:39*	*05/21/26 06:50*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: LCS 460-1108950/2-A
Matrix: Solid
Analysis Batch: 1109108

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1108950

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
4,4'-DDD			0.133	0.132		mg/Kg		99	71 - 134		
4,4'-DDD			0.133	0.131		mg/Kg		98	71 - 134		
4,4'-DDE			0.133	0.139		mg/Kg		104	71 - 137		
4,4'-DDE			0.133	0.130		mg/Kg		97	71 - 137		
4,4'-DDT			0.133	0.142		mg/Kg		106	69 - 140		
4,4'-DDT			0.133	0.136		mg/Kg		102	69 - 140		
Aldrin			0.133	0.135		mg/Kg		101	68 - 136		
Aldrin			0.133	0.134		mg/Kg		100	68 - 136		
alpha-BHC			0.133	0.138		mg/Kg		103	71 - 136		
alpha-BHC			0.133	0.138		mg/Kg		104	71 - 136		
beta-BHC			0.133	0.132		mg/Kg		99	67 - 133		
beta-BHC			0.133	0.132		mg/Kg		99	67 - 133		
cis-Chlordane			0.133	0.137		mg/Kg		102	70 - 140		
cis-Chlordane			0.133	0.133		mg/Kg		99	70 - 140		
delta-BHC			0.133	0.141		mg/Kg		106	70 - 135		
delta-BHC			0.133	0.142		mg/Kg		107	70 - 135		
Dieldrin			0.133	0.140		mg/Kg		105	71 - 135		
Dieldrin			0.133	0.135		mg/Kg		101	71 - 135		
Endosulfan I			0.133	0.138		mg/Kg		104	70 - 141		
Endosulfan I			0.133	0.142		mg/Kg		106	70 - 141		
Endosulfan II			0.133	0.142		mg/Kg		107	75 - 141		
Endosulfan II			0.133	0.141		mg/Kg		106	75 - 141		
Endosulfan sulfate			0.133	0.139		mg/Kg		104	67 - 130		
Endosulfan sulfate			0.133	0.135		mg/Kg		101	67 - 130		
Endrin			0.133	0.140		mg/Kg		105	66 - 143		
Endrin			0.133	0.133		mg/Kg		100	66 - 143		
Endrin aldehyde			0.133	0.141		mg/Kg		106	70 - 132		
Endrin aldehyde			0.133	0.137		mg/Kg		103	70 - 132		
Endrin ketone			0.133	0.143		mg/Kg		107	66 - 137		
Endrin ketone			0.133	0.145		mg/Kg		109	66 - 137		
gamma-BHC (Lindane)			0.133	0.140		mg/Kg		105	71 - 137		
gamma-BHC (Lindane)			0.133	0.138		mg/Kg		104	71 - 137		
Heptachlor			0.133	0.135		mg/Kg		101	70 - 140		
Heptachlor			0.133	0.134		mg/Kg		101	70 - 140		
Heptachlor epoxide			0.133	0.137		mg/Kg		103	70 - 135		
Heptachlor epoxide			0.133	0.135		mg/Kg		101	70 - 135		
Methoxychlor			0.133	0.140		mg/Kg		105	63 - 138		
Methoxychlor			0.133	0.121		mg/Kg		91	63 - 138		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*108*		*10 - 150*
DCB Decachlorobiphenyl	*103*		*10 - 150*
Tetrachloro-m-xylene	*88*		*14 - 150*
Tetrachloro-m-xylene	*91*		*14 - 150*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 460-1108950/3-A
Matrix: Solid
Analysis Batch: 1109108

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1108950

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD			0.133	0.137		mg/Kg		103	71 - 134	3	30
4,4'-DDD			0.133	0.133		mg/Kg		100	71 - 134	2	30
4,4'-DDE			0.133	0.144		mg/Kg		108	71 - 137	4	30
4,4'-DDE			0.133	0.132		mg/Kg		99	71 - 137	2	30
4,4'-DDT			0.133	0.148		mg/Kg		111	69 - 140	4	30
4,4'-DDT			0.133	0.137		mg/Kg		103	69 - 140	1	30
Aldrin			0.133	0.141		mg/Kg		106	68 - 136	4	30
Aldrin			0.133	0.138		mg/Kg		103	68 - 136	3	30
alpha-BHC			0.133	0.144		mg/Kg		108	71 - 136	4	30
alpha-BHC			0.133	0.143		mg/Kg		107	71 - 136	3	30
beta-BHC			0.133	0.137		mg/Kg		102	67 - 133	4	30
beta-BHC			0.133	0.135		mg/Kg		102	67 - 133	3	30
cis-Chlordane			0.133	0.142		mg/Kg		106	70 - 140	4	30
cis-Chlordane			0.133	0.136		mg/Kg		102	70 - 140	2	30
delta-BHC			0.133	0.147		mg/Kg		110	70 - 135	4	30
delta-BHC			0.133	0.146		mg/Kg		109	70 - 135	3	30
Dieldrin			0.133	0.145		mg/Kg		109	71 - 135	4	30
Dieldrin			0.133	0.138		mg/Kg		103	71 - 135	2	30
Endosulfan I			0.133	0.144		mg/Kg		108	70 - 141	4	30
Endosulfan I			0.133	0.145		mg/Kg		109	70 - 141	3	30
Endosulfan II			0.133	0.148		mg/Kg		111	75 - 141	4	30
Endosulfan II			0.133	0.144		mg/Kg		108	75 - 141	2	30
Endosulfan sulfate			0.133	0.144		mg/Kg		108	67 - 130	4	30
Endosulfan sulfate			0.133	0.138		mg/Kg		103	67 - 130	2	30
Endrin			0.133	0.145		mg/Kg		109	66 - 143	4	30
Endrin			0.133	0.135		mg/Kg		102	66 - 143	2	30
Endrin aldehyde			0.133	0.150		mg/Kg		112	70 - 132	6	30
Endrin aldehyde			0.133	0.140		mg/Kg		105	70 - 132	2	30
Endrin ketone			0.133	0.150		mg/Kg		113	66 - 137	5	30
Endrin ketone			0.133	0.149		mg/Kg		112	66 - 137	2	30
gamma-BHC (Lindane)			0.133	0.146		mg/Kg		109	71 - 137	4	30
gamma-BHC (Lindane)			0.133	0.142		mg/Kg		107	71 - 137	3	30
Heptachlor			0.133	0.140		mg/Kg		105	70 - 140	4	30
Heptachlor			0.133	0.138		mg/Kg		104	70 - 140	3	30
Heptachlor epoxide			0.133	0.142		mg/Kg		107	70 - 135	4	30
Heptachlor epoxide			0.133	0.138		mg/Kg		104	70 - 135	2	30
Methoxychlor			0.133	0.144		mg/Kg		108	63 - 138	3	30
Methoxychlor			0.133	0.123		mg/Kg		92	63 - 138	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*122*		*10 - 150*
DCB Decachlorobiphenyl	*114*		*10 - 150*
Tetrachloro-m-xylene	*99*		*14 - 150*
Tetrachloro-m-xylene	*101*		*14 - 150*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-351334-C-1-E MS
Matrix: Solid
Analysis Batch: 1109108

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1108950

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.0024	U	0.163	0.0978	*	mg/Kg	☼	60	71 - 134
4,4'-DDD	0.0024	U	0.163	0.0988	*	mg/Kg	☼	61	71 - 134
4,4'-DDE	0.0024	U	0.163	0.0972	*	mg/Kg	☼	60	71 - 137
4,4'-DDE	0.0024	U	0.163	0.0982	*	mg/Kg	☼	60	71 - 137
4,4'-DDT	0.0024	U	0.163	0.103	*	mg/Kg	☼	63	69 - 140
4,4'-DDT	0.0024	U	0.163	0.106	*	mg/Kg	☼	65	69 - 140
Aldrin	0.0024	U	0.163	0.0893	*	mg/Kg	☼	55	68 - 136
Aldrin	0.0024	U	0.163	0.0920	*	mg/Kg	☼	57	68 - 136
alpha-BHC	0.0024	U	0.163	0.0925	*	mg/Kg	☼	57	71 - 136
alpha-BHC	0.0024	U	0.163	0.0963	*	mg/Kg	☼	59	71 - 136
beta-BHC	0.0024	U	0.163	0.0918	*	mg/Kg	☼	56	67 - 133
beta-BHC	0.0024	U	0.163	0.0965	*	mg/Kg	☼	59	67 - 133
cis-Chlordane	0.0024	U	0.163	0.100	*	mg/Kg	☼	61	70 - 140
cis-Chlordane	0.0024	U	0.163	0.0961	*	mg/Kg	☼	59	70 - 140
delta-BHC	0.0024	U	0.163	0.101	*	mg/Kg	☼	62	70 - 135
delta-BHC	0.0024	U	0.163	0.104	*	mg/Kg	☼	64	70 - 135
Dieldrin	0.0024	U	0.163	0.0974	*	mg/Kg	☼	60	71 - 135
Dieldrin	0.0024	U	0.163	0.0994	*	mg/Kg	☼	61	71 - 135
Endosulfan I	0.0024	U	0.163	0.0970	*	mg/Kg	☼	60	70 - 141
Endosulfan I	0.0024	U	0.163	0.102	*	mg/Kg	☼	63	70 - 141
Endosulfan II	0.0024	U	0.163	0.102	*	mg/Kg	☼	63	75 - 141
Endosulfan II	0.0024	U	0.163	0.105	*	mg/Kg	☼	65	75 - 141
Endosulfan sulfate	0.0024	U	0.163	0.100	*	mg/Kg	☼	61	67 - 130
Endosulfan sulfate	0.0024	U	0.163	0.102	*	mg/Kg	☼	63	67 - 130
Endrin	0.0024	U	0.163	0.101	*	mg/Kg	☼	62	66 - 143
Endrin	0.0024	U	0.163	0.0987	*	mg/Kg	☼	61	66 - 143
Endrin aldehyde	0.0024	U	0.163	0.0983	*	mg/Kg	☼	60	70 - 132
Endrin aldehyde	0.0024	U	0.163	0.103	*	mg/Kg	☼	63	70 - 132
Endrin ketone	0.0024	U	0.163	0.103	*	mg/Kg	☼	63	66 - 137
Endrin ketone	0.0024	U	0.163	0.109		mg/Kg	☼	67	66 - 137
gamma-BHC (Lindane)	0.0024	U	0.163	0.0952	*	mg/Kg	☼	59	71 - 137
gamma-BHC (Lindane)	0.0024	U	0.163	0.0980	*	mg/Kg	☼	60	71 - 137
Heptachlor	0.0024	U	0.163	0.0918	*	mg/Kg	☼	56	70 - 140
Heptachlor	0.0024	U	0.163	0.0960	*	mg/Kg	☼	59	70 - 140
Heptachlor epoxide	0.0024	U	0.163	0.0953	*	mg/Kg	☼	59	70 - 135
Heptachlor epoxide	0.0024	U	0.163	0.0978	*	mg/Kg	☼	60	70 - 135
Methoxychlor	0.0024	U	0.163	0.104		mg/Kg	☼	64	63 - 138
Methoxychlor	0.0024	U	0.163	0.0972	*	mg/Kg	☼	60	63 - 138

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*73*		*10 - 150*
DCB Decachlorobiphenyl	*72*		*10 - 150*
Tetrachloro-m-xylene	*56*		*14 - 150*
Tetrachloro-m-xylene	*59*		*14 - 150*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-351334-C-1-F MSD
Matrix: Solid
Analysis Batch: 1109108

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1108950

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	0.0024	U	0.163	0.143	*	mg/Kg	☼	88	71 - 134	38	30
4,4'-DDD	0.0024	U	0.163	0.141	*	mg/Kg	☼	86	71 - 134	35	30
4,4'-DDE	0.0024	U	0.163	0.143	*	mg/Kg	☼	88	71 - 137	38	30
4,4'-DDE	0.0024	U	0.163	0.142	*	mg/Kg	☼	87	71 - 137	37	30
4,4'-DDT	0.0024	U	0.163	0.150	*	mg/Kg	☼	92	69 - 140	37	30
4,4'-DDT	0.0024	U	0.163	0.153	*	mg/Kg	☼	94	69 - 140	36	30
Aldrin	0.0024	U	0.163	0.129	*	mg/Kg	☼	80	68 - 136	37	30
Aldrin	0.0024	U	0.163	0.130	*	mg/Kg	☼	80	68 - 136	34	30
alpha-BHC	0.0024	U	0.163	0.137	*	mg/Kg	☼	84	71 - 136	39	30
alpha-BHC	0.0024	U	0.163	0.140	*	mg/Kg	☼	86	71 - 136	37	30
beta-BHC	0.0024	U	0.163	0.136	*	mg/Kg	☼	84	67 - 133	39	30
beta-BHC	0.0024	U	0.163	0.140	*	mg/Kg	☼	86	67 - 133	37	30
cis-Chlordane	0.0024	U	0.163	0.148	*	mg/Kg	☼	91	70 - 140	38	30
cis-Chlordane	0.0024	U	0.163	0.140	*	mg/Kg	☼	86	70 - 140	37	30
delta-BHC	0.0024	U	0.163	0.149	*	mg/Kg	☼	92	70 - 135	38	30
delta-BHC	0.0024	U	0.163	0.152	*	mg/Kg	☼	93	70 - 135	37	30
Dieldrin	0.0024	U	0.163	0.144	*	mg/Kg	☼	88	71 - 135	38	30
Dieldrin	0.0024	U	0.163	0.143	*	mg/Kg	☼	88	71 - 135	36	30
Endosulfan I	0.0024	U	0.163	0.144	*	mg/Kg	☼	89	70 - 141	39	30
Endosulfan I	0.0024	U	0.163	0.148	*	mg/Kg	☼	91	70 - 141	37	30
Endosulfan II	0.0024	U	0.163	0.148	*	mg/Kg	☼	91	75 - 141	37	30
Endosulfan II	0.0024	U	0.163	0.149	*	mg/Kg	☼	92	75 - 141	35	30
Endosulfan sulfate	0.0024	U	0.163	0.147	*	mg/Kg	☼	90	67 - 130	38	30
Endosulfan sulfate	0.0024	U	0.163	0.146	*	mg/Kg	☼	90	67 - 130	36	30
Endrin	0.0024	U	0.163	0.147	*	mg/Kg	☼	90	66 - 143	37	30
Endrin	0.0024	U	0.163	0.142	*	mg/Kg	☼	87	66 - 143	36	30
Endrin aldehyde	0.0024	U	0.163	0.144	*	mg/Kg	☼	88	70 - 132	37	30
Endrin aldehyde	0.0024	U	0.163	0.146	*	mg/Kg	☼	90	70 - 132	34	30
Endrin ketone	0.0024	U	0.163	0.152	*	mg/Kg	☼	94	66 - 137	39	30
Endrin ketone	0.0024	U	0.163	0.157	*	mg/Kg	☼	97	66 - 137	36	30
gamma-BHC (Lindane)	0.0024	U	0.163	0.142	*	mg/Kg	☼	87	71 - 137	39	30
gamma-BHC (Lindane)	0.0024	U	0.163	0.143	*	mg/Kg	☼	88	71 - 137	38	30
Heptachlor	0.0024	U	0.163	0.136	*	mg/Kg	☼	84	70 - 140	39	30
Heptachlor	0.0024	U	0.163	0.140	*	mg/Kg	☼	86	70 - 140	37	30
Heptachlor epoxide	0.0024	U	0.163	0.142	*	mg/Kg	☼	87	70 - 135	39	30
Heptachlor epoxide	0.0024	U	0.163	0.142	*	mg/Kg	☼	88	70 - 135	37	30
Methoxychlor	0.0024	U	0.163	0.153	*	mg/Kg	☼	94	63 - 138	38	30
Methoxychlor	0.0024	U	0.163	0.139	*	mg/Kg	☼	85	63 - 138	35	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*107*		*10 - 150*
DCB Decachlorobiphenyl	*105*		*10 - 150*
Tetrachloro-m-xylene	*84*		*14 - 150*
Tetrachloro-m-xylene	*86*		*14 - 150*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 460-1108949/1-A
Matrix: Solid
Analysis Batch: 1109055

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1108949

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		05/20/26 10:37	05/20/26 20:58	1
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		05/20/26 10:37	05/20/26 20:58	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		05/20/26 10:37	05/20/26 20:58	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		05/20/26 10:37	05/20/26 20:58	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		05/20/26 10:37	05/20/26 20:58	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		05/20/26 10:37	05/20/26 20:58	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		05/20/26 10:37	05/20/26 20:58	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		05/20/26 10:37	05/20/26 20:58	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		05/20/26 10:37	05/20/26 20:58	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		05/20/26 10:37	05/20/26 20:58	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		05/20/26 10:37	05/20/26 20:58	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		05/20/26 10:37	05/20/26 20:58	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		05/20/26 10:37	05/20/26 20:58	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		05/20/26 10:37	05/20/26 20:58	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		05/20/26 10:37	05/20/26 20:58	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		05/20/26 10:37	05/20/26 20:58	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		05/20/26 10:37	05/20/26 20:58	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		05/20/26 10:37	05/20/26 20:58	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		05/20/26 10:37	05/20/26 20:58	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		05/20/26 10:37	05/20/26 20:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*85*		*10 - 150*	*05/20/26 10:37*	*05/20/26 20:58*	*1*
DCB Decachlorobiphenyl	*90*		*10 - 150*	*05/20/26 10:37*	*05/20/26 20:58*	*1*
Tetrachloro-m-xylene	*83*		*10 - 150*	*05/20/26 10:37*	*05/20/26 20:58*	*1*
Tetrachloro-m-xylene	*82*		*10 - 150*	*05/20/26 10:37*	*05/20/26 20:58*	*1*

Lab Sample ID: LCS 460-1108949/2-A
Matrix: Solid
Analysis Batch: 1109055

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1108949

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor 1016	0.333	0.300		mg/Kg		90	59 - 149
Aroclor 1016	0.333	0.313		mg/Kg		94	59 - 149
Aroclor 1260	0.333	0.345		mg/Kg		103	62 - 145
Aroclor 1260	0.333	0.318		mg/Kg		95	62 - 145

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*91*		*10 - 150*
DCB Decachlorobiphenyl	*89*		*10 - 150*
Tetrachloro-m-xylene	*87*		*10 - 150*
Tetrachloro-m-xylene	*85*		*10 - 150*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCSD 460-1108949/3-A
Matrix: Solid
Analysis Batch: 1109055

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1108949

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016			0.333	0.285		mg/Kg		85	59 - 149	5	30
Aroclor 1016			0.333	0.300		mg/Kg		90	59 - 149	4	30
Aroclor 1260			0.333	0.340		mg/Kg		102	62 - 145	2	30
Aroclor 1260			0.333	0.301		mg/Kg		90	62 - 145	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*94*		*10 - 150*
DCB Decachlorobiphenyl	*95*		*10 - 150*
Tetrachloro-m-xylene	*88*		*10 - 150*
Tetrachloro-m-xylene	*87*		*10 - 150*

Lab Sample ID: 460-351334-C-1-B MS
Matrix: Solid
Analysis Batch: 1109055

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1108949

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor 1016	0.082	U	0.407	0.334		mg/Kg	☼	82	59 - 149
Aroclor 1016	0.082	U	0.407	0.416		mg/Kg	☼	102	59 - 149
Aroclor 1260	0.082	U	0.407	0.401		mg/Kg	☼	99	62 - 145
Aroclor 1260	0.082	U	0.407	0.407		mg/Kg	☼	100	62 - 145

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*94*		*10 - 150*
DCB Decachlorobiphenyl	*105*		*10 - 150*
Tetrachloro-m-xylene	*88*		*10 - 150*
Tetrachloro-m-xylene	*92*		*10 - 150*

Lab Sample ID: 460-351334-C-1-C MSD
Matrix: Solid
Analysis Batch: 1109055

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1108949

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016	0.082	U	0.406	0.352		mg/Kg	☼	87	59 - 149	5	30
Aroclor 1016	0.082	U	0.406	0.424		mg/Kg	☼	104	59 - 149	2	30
Aroclor 1260	0.082	U	0.406	0.421		mg/Kg	☼	103	62 - 145	5	30
Aroclor 1260	0.082	U	0.406	0.431		mg/Kg	☼	106	62 - 145	6	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*100*		*10 - 150*
DCB Decachlorobiphenyl	*114*		*10 - 150*
Tetrachloro-m-xylene	*90*		*10 - 150*
Tetrachloro-m-xylene	*95*		*10 - 150*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Lab Sample ID: MB 410-822651/1-A
Matrix: Solid
Analysis Batch: 823812

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 822651

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg		05/22/26 14:24	05/26/26 17:32	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg		05/22/26 14:24	05/26/26 17:32	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg		05/22/26 14:24	05/26/26 17:32	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg		05/22/26 14:24	05/26/26 17:32	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg		05/22/26 14:24	05/26/26 17:32	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.10	ug/Kg		05/22/26 14:24	05/26/26 17:32	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.060	ug/Kg		05/22/26 14:24	05/26/26 17:32	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.10	ug/Kg		05/22/26 14:24	05/26/26 17:32	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.10	ug/Kg		05/22/26 14:24	05/26/26 17:32	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.10	ug/Kg		05/22/26 14:24	05/26/26 17:32	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.10	ug/Kg		05/22/26 14:24	05/26/26 17:32	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg		05/22/26 14:24	05/26/26 17:32	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg		05/22/26 14:24	05/26/26 17:32	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg		05/22/26 14:24	05/26/26 17:32	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg		05/22/26 14:24	05/26/26 17:32	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg		05/22/26 14:24	05/26/26 17:32	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg		05/22/26 14:24	05/26/26 17:32	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg		05/22/26 14:24	05/26/26 17:32	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg		05/22/26 14:24	05/26/26 17:32	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg		05/22/26 14:24	05/26/26 17:32	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg		05/22/26 14:24	05/26/26 17:32	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg		05/22/26 14:24	05/26/26 17:32	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg		05/22/26 14:24	05/26/26 17:32	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg		05/22/26 14:24	05/26/26 17:32	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg		05/22/26 14:24	05/26/26 17:32	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg		05/22/26 14:24	05/26/26 17:32	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg		05/22/26 14:24	05/26/26 17:32	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.00	U	1.00	0.50	ug/Kg		05/22/26 14:24	05/26/26 17:32	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.00	U	1.00	0.50	ug/Kg		05/22/26 14:24	05/26/26 17:32	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg		05/22/26 14:24	05/26/26 17:32	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg		05/22/26 14:24	05/26/26 17:32	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg		05/22/26 14:24	05/26/26 17:32	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg		05/22/26 14:24	05/26/26 17:32	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg		05/22/26 14:24	05/26/26 17:32	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg		05/22/26 14:24	05/26/26 17:32	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-822651/1-A
Matrix: Solid
Analysis Batch: 823812

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 822651

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg		05/22/26 14:24	05/26/26 17:32	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg		05/22/26 14:24	05/26/26 17:32	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg		05/22/26 14:24	05/26/26 17:32	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.00	U	1.00	0.50	ug/Kg		05/22/26 14:24	05/26/26 17:32	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.00	U	1.00	0.50	ug/Kg		05/22/26 14:24	05/26/26 17:32	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*95.1*		*8 - 130*	*05/22/26 14:24*	*05/26/26 17:32*	*1*
13C5 PFPeA	*99.2*		*35 - 130*	*05/22/26 14:24*	*05/26/26 17:32*	*1*
13C5 PFHxA	*96.6*		*40 - 130*	*05/22/26 14:24*	*05/26/26 17:32*	*1*
13C4 PFHpA	*101*		*40 - 130*	*05/22/26 14:24*	*05/26/26 17:32*	*1*
13C8 PFOA	*89.2*		*40 - 130*	*05/22/26 14:24*	*05/26/26 17:32*	*1*
13C9 PFNA	*93.5*		*40 - 130*	*05/22/26 14:24*	*05/26/26 17:32*	*1*
13C6 PFDA	*84.5*		*40 - 130*	*05/22/26 14:24*	*05/26/26 17:32*	*1*
13C7 PFUnA	*75.6*		*40 - 130*	*05/22/26 14:24*	*05/26/26 17:32*	*1*
13C2 PFTeDA	*63.7*		*20 - 130*	*05/22/26 14:24*	*05/26/26 17:32*	*1*
13C3 PFBS	*90.9*		*40 - 135*	*05/22/26 14:24*	*05/26/26 17:32*	*1*
13C3 PFHxS	*84.4*		*40 - 130*	*05/22/26 14:24*	*05/26/26 17:32*	*1*
13C8 PFOS	*83.1*		*40 - 130*	*05/22/26 14:24*	*05/26/26 17:32*	*1*
13C8 FOSA	*70.0*		*40 - 130*	*05/22/26 14:24*	*05/26/26 17:32*	*1*
d3-NMeFOSAA	*60.3*		*40 - 135*	*05/22/26 14:24*	*05/26/26 17:32*	*1*
d5-NEtFOSAA	*56.1*		*40 - 150*	*05/22/26 14:24*	*05/26/26 17:32*	*1*
13C2 4:2 FTS	*59.7*		*40 - 165*	*05/22/26 14:24*	*05/26/26 17:32*	*1*
13C2 6:2 FTS	*64.1*		*40 - 215*	*05/22/26 14:24*	*05/26/26 17:32*	*1*
13C2 8:2 FTS	*58.8*		*40 - 275*	*05/22/26 14:24*	*05/26/26 17:32*	*1*
13C3 HFPO-DA	*94.2*		*40 - 130*	*05/22/26 14:24*	*05/26/26 17:32*	*1*
d7-N-MeFOSE-M	*38.9*		*20 - 130*	*05/22/26 14:24*	*05/26/26 17:32*	*1*
d9-N-EtFOSE-M	*37.0*		*15 - 130*	*05/22/26 14:24*	*05/26/26 17:32*	*1*
d5-NEtPFOSA	*57.3*		*10 - 130*	*05/22/26 14:24*	*05/26/26 17:32*	*1*
d3-NMePFOSA	*60.4*		*10 - 130*	*05/22/26 14:24*	*05/26/26 17:32*	*1*
13C2 PFDoA	*69.8*		*40 - 130*	*05/22/26 14:24*	*05/26/26 17:32*	*1*
13C3-3:3 FTCA	*102*		*20 - 150*	*05/22/26 14:24*	*05/26/26 17:32*	*1*
13C3-5:3 FTCA	*82.1*		*20 - 150*	*05/22/26 14:24*	*05/26/26 17:32*	*1*
13C3-PFDoS	*53.3*		*20 - 150*	*05/22/26 14:24*	*05/26/26 17:32*	*1*

Lab Sample ID: LCS 410-822651/2-A
Matrix: Solid
Analysis Batch: 823812

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 822651

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	5.00	4.975		ug/Kg		99	70 - 140
Perfluoropentanoic acid (PFPeA)	2.50	2.596		ug/Kg		104	60 - 150
Perfluorohexanoic acid (PFHxA)	2.50	2.453		ug/Kg		98	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.50	2.344		ug/Kg		94	65 - 145
Perfluorooctanoic acid (PFOA)	2.50	2.406		ug/Kg		96	70 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-822651/2-A
Matrix: Solid
Analysis Batch: 823812

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 822651

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorononanoic acid (PFNA)	2.50	2.413		ug/Kg		97	70 - 155
Perfluorodecanoic acid (PFDA)	2.50	2.381		ug/Kg		95	70 - 155
Perfluoroundecanoic acid (PFUnA)	2.50	2.507		ug/Kg		100	70 - 155
Perfluorododecanoic acid (PFDoA)	2.50	2.444		ug/Kg		98	70 - 150
Perfluorotridecanoic acid (PFTrDA)	2.50	2.328		ug/Kg		93	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.50	2.409		ug/Kg		96	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.22	2.005		ug/Kg		90	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.35	2.445		ug/Kg		104	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.28	2.354		ug/Kg		103	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.39	2.306		ug/Kg		97	65 - 155
Perfluorooctanesulfonic acid (PFOS)	2.33	2.167		ug/Kg		93	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.41	1.779		ug/Kg		74	55 - 140
Perfluorodecanesulfonic acid (PFDS)	2.41	1.536		ug/Kg		64	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	2.43	2.296		ug/Kg		95	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	4.016		ug/Kg		86	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.76	4.001		ug/Kg		84	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.80	4.320		ug/Kg		90	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.50	2.321		ug/Kg		93	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	2.320		ug/Kg		93	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.50	2.469		ug/Kg		99	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.50	2.313		ug/Kg		93	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50	2.413		ug/Kg		97	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	11.63		ug/Kg		93	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	11.49		ug/Kg		92	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	1.866		ug/Kg		99	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.37	2.333		ug/Kg		99	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.50	2.935		ug/Kg		117	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.50	2.557		ug/Kg		102	60 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-822651/2-A
Matrix: Solid
Analysis Batch: 823812

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 822651

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			2.50	2.185		ug/Kg		87	60 - 155		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			2.34	1.851		ug/Kg		79	70 - 150		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			2.36	1.437		ug/Kg		61	45 - 160		
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			2.23	2.084		ug/Kg		93	70 - 140		
3-Perfluoropropylpropanoic acid (3:3 FTCA)			5.00	4.423		ug/Kg		88	45 - 130		
3-Perfluoropentylpropanoic acid (5:3 FTCA)			12.5	12.41		ug/Kg		99	60 - 130		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			12.5	10.21		ug/Kg		82	60 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*102*		*8 - 130*
13C5 PFPeA	*102*		*35 - 130*
13C5 PFHxA	*103*		*40 - 130*
13C4 PFHpA	*107*		*40 - 130*
13C8 PFOA	*94.9*		*40 - 130*
13C9 PFNA	*101*		*40 - 130*
13C6 PFDA	*90.7*		*40 - 130*
13C7 PFUnA	*79.9*		*40 - 130*
13C2 PFTeDA	*69.1*		*20 - 130*
13C3 PFBS	*101*		*40 - 135*
13C3 PFHxS	*97.5*		*40 - 130*
13C8 PFOS	*86.7*		*40 - 130*
13C8 FOSA	*73.6*		*40 - 130*
d3-NMeFOSAA	*58.1*		*40 - 135*
d5-NEtFOSAA	*56.4*		*40 - 150*
13C2 4:2 FTS	*71.6*		*40 - 165*
13C2 6:2 FTS	*77.5*		*40 - 215*
13C2 8:2 FTS	*73.2*		*40 - 275*
13C3 HFPO-DA	*103*		*40 - 130*
d7-N-MeFOSE-M	*32.7*		*20 - 130*
d9-N-EtFOSE-M	*30.2*		*15 - 130*
d5-NEtPFOSA	*56.7*		*10 - 130*
d3-NMePFOSA	*62.0*		*10 - 130*
13C2 PFDoA	*69.3*		*40 - 130*
13C3-3:3 FTCA	*116*		*20 - 150*
13C3-5:3 FTCA	*89.7*		*20 - 150*
13C3-PFDoS	*51.6*		*20 - 150*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-822651/3-A
Matrix: Solid
Analysis Batch: 823812

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 822651

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.500	0.525		ug/Kg		105	70 - 140
Perfluoropentanoic acid (PFPeA)	0.250	0.268		ug/Kg		107	60 - 150
Perfluorohexanoic acid (PFHxA)	0.250	0.234		ug/Kg		94	65 - 140
Perfluoroheptanoic acid (PFHpA)	0.250	0.228		ug/Kg		91	65 - 145
Perfluorooctanoic acid (PFOA)	0.250	0.285		ug/Kg		114	70 - 150
Perfluorononanoic acid (PFNA)	0.250	0.263		ug/Kg		105	70 - 155
Perfluorodecanoic acid (PFDA)	0.250	0.257		ug/Kg		103	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.250	0.304		ug/Kg		121	70 - 155
Perfluorododecanoic acid (PFDoA)	0.250	0.256		ug/Kg		102	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.250	0.266		ug/Kg		106	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.250	0.247		ug/Kg		99	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.222	0.202		ug/Kg		91	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.235	0.248		ug/Kg		106	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.228	0.246		ug/Kg		108	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.239	0.243		ug/Kg		102	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.233	0.233		ug/Kg		100	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.241	0.192	J	ug/Kg		80	55 - 140
Perfluorodecanesulfonic acid (PFDS)	0.241	0.168	J	ug/Kg		70	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.243	0.260		ug/Kg		107	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.469	0.510		ug/Kg		109	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.476	0.462		ug/Kg		97	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.480	0.584		ug/Kg		122	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.250	0.275		ug/Kg		110	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.250	0.277		ug/Kg		111	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.250	0.267		ug/Kg		107	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.250	0.253		ug/Kg		101	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.250	0.260		ug/Kg		104	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.25	1.186		ug/Kg		95	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.25	1.255		ug/Kg		100	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.188	0.179	J	ug/Kg		95	70 - 145

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-822651/3-A
Matrix: Solid
Analysis Batch: 823812

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 822651

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)			0.237	0.266		ug/Kg		112	70 - 160		
Perfluoro-3-methoxypropanoic acid (PFMPA)			0.250	0.295		ug/Kg		118	30 - 140		
Perfluoro-4-methoxybutanoic acid (PFMBA)			0.250	0.237		ug/Kg		95	60 - 150		
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			0.250	0.227		ug/Kg		91	60 - 155		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			0.234	0.198	J	ug/Kg		85	70 - 150		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			0.236	0.144	J	ug/Kg		61	45 - 160		
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			0.223	0.202		ug/Kg		91	70 - 140		
3-Perfluoropropylpropanoic acid (3:3 FTCA)			0.500	0.605		ug/Kg		121	45 - 130		
3-Perfluoropentylpropanoic acid (5:3 FTCA)			1.25	1.411		ug/Kg		113	60 - 130		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			1.25	1.320		ug/Kg		106	60 - 150		

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*91.3*		*8 - 130*
13C5 PFPeA	*91.2*		*35 - 130*
13C5 PFHxA	*88.0*		*40 - 130*
13C4 PFHpA	*86.4*		*40 - 130*
13C8 PFOA	*85.4*		*40 - 130*
13C9 PFNA	*87.3*		*40 - 130*
13C6 PFDA	*83.2*		*40 - 130*
13C7 PFUnA	*70.6*		*40 - 130*
13C2 PFTeDA	*57.5*		*20 - 130*
13C3 PFBS	*84.3*		*40 - 135*
13C3 PFHxS	*82.1*		*40 - 130*
13C8 PFOS	*80.2*		*40 - 130*
13C8 FOSA	*66.7*		*40 - 130*
d3-NMeFOSAA	*55.6*		*40 - 135*
d5-NEtFOSAA	*51.0*		*40 - 150*
13C2 4:2 FTS	*57.0*		*40 - 165*
13C2 6:2 FTS	*59.3*		*40 - 215*
13C2 8:2 FTS	*57.0*		*40 - 275*
13C3 HFPO-DA	*84.8*		*40 - 130*
d7-N-MeFOSE-M	*34.6*		*20 - 130*
d9-N-EtFOSE-M	*33.4*		*15 - 130*
d5-NEtPFOSA	*54.7*		*10 - 130*
d3-NMePFOSA	*57.7*		*10 - 130*
13C2 PFDoA	*62.1*		*40 - 130*
13C3-3:3 FTCA	*93.7*		*20 - 150*
13C3-5:3 FTCA	*79.1*		*20 - 150*
13C3-PFDoS	*48.1*		*20 - 150*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 460-1108881/1-A
Matrix: Solid
Analysis Batch: 1108986

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1108881

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		05/20/26 06:32	05/20/26 12:41	1
Antimony	1.0	U	1.0	0.060	mg/Kg		05/20/26 06:32	05/20/26 12:41	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		05/20/26 06:32	05/20/26 12:41	1
Barium	2.0	U	2.0	0.15	mg/Kg		05/20/26 06:32	05/20/26 12:41	1
Beryllium	0.40	U	0.40	0.022	mg/Kg		05/20/26 06:32	05/20/26 12:41	1
Cadmium	0.50	U	0.50	0.11	mg/Kg		05/20/26 06:32	05/20/26 12:41	1
Calcium	100	U	100	9.7	mg/Kg		05/20/26 06:32	05/20/26 12:41	1
Chromium	2.0	U	2.0	0.30	mg/Kg		05/20/26 06:32	05/20/26 12:41	1
Cobalt	1.0	U	1.0	0.15	mg/Kg		05/20/26 06:32	05/20/26 12:41	1
Copper	2.0	U	2.0	0.37	mg/Kg		05/20/26 06:32	05/20/26 12:41	1
Iron	60.0	U	60.0	7.7	mg/Kg		05/20/26 06:32	05/20/26 12:41	1
Lead	0.60	U	0.60	0.20	mg/Kg		05/20/26 06:32	05/20/26 12:41	1
Magnesium	100	U	100	10.2	mg/Kg		05/20/26 06:32	05/20/26 12:41	1
Manganese	4.0	U	4.0	0.40	mg/Kg		05/20/26 06:32	05/20/26 12:41	1
Nickel	2.0	U	2.0	0.18	mg/Kg		05/20/26 06:32	05/20/26 12:41	1
Potassium	100	U	100	6.2	mg/Kg		05/20/26 06:32	05/20/26 12:41	1
Selenium	1.3	U	1.3	0.13	mg/Kg		05/20/26 06:32	05/20/26 12:41	1
Silver	0.40	U	0.40	0.089	mg/Kg		05/20/26 06:32	05/20/26 12:41	1
Sodium	100	U	100	17.3	mg/Kg		05/20/26 06:32	05/20/26 12:41	1
Thallium	0.40	U	0.40	0.041	mg/Kg		05/20/26 06:32	05/20/26 12:41	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		05/20/26 06:32	05/20/26 12:41	1
Zinc	8.0	U	8.0	1.1	mg/Kg		05/20/26 06:32	05/20/26 12:41	1

Lab Sample ID: LCSSRM 460-1108881/2-A
Matrix: Solid
Analysis Batch: 1109242

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1108881

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6570	4799		mg/Kg		73.0	51.3 - 148.7
Antimony	147	62.72		mg/Kg		42.7	7.3 - 191.8
Arsenic	141	123.4		mg/Kg		87.5	80.9 - 118.4
Barium	221	199.4		mg/Kg		90.2	81.9 - 118.1
Beryllium	181	150.2		mg/Kg		83.0	82.9 - 117.1
Cadmium	230	209.9		mg/Kg		91.2	82.6 - 117.8
Calcium	4010	3640		mg/Kg		90.8	82.0 - 118.0
Chromium	198	178.6		mg/Kg		90.2	81.8 - 118.2
Cobalt	252	228.7		mg/Kg		90.7	83.3 - 116.7
Copper	130	118.8		mg/Kg		91.4	83.8 - 116.9
Iron	6920	5224		mg/Kg		75.5	60.1 - 139.7
Lead	198	169.9		mg/Kg		85.8	82.8 - 117.2

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-1108881/2-A
Matrix: Solid
Analysis Batch: 1109242

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1108881

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Magnesium	1710	1440		mg/Kg		84.2	76.0 - 124.6
Manganese	440	399.5		mg/Kg		90.8	81.6 - 118.4
Nickel	280	258.6		mg/Kg		92.4	82.1 - 117.5
Potassium	2100	1714		mg/Kg		81.6	71.4 - 128.1
Selenium	189	170.0		mg/Kg		90.0	79.4 - 121.2
Silver	64.0	53.93		mg/Kg		84.3	80.3 - 119.7
Sodium	343	320.2	J	mg/Kg		93.3	74.6 - 125.1
Thallium	114	103.7		mg/Kg		91.0	81.0 - 119.3
Vanadium	192	168.5		mg/Kg		87.7	78.6 - 121.9
Zinc	190	163.3		mg/Kg		85.9	80.5 - 119.5

Lab Sample ID: 460-351378-E-5-C MS
Matrix: Solid
Analysis Batch: 1108986

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1108881

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5800		511	6769	4	mg/Kg	☼	189	75 - 125
Antimony	0.31	J	5.11	2.41	N	mg/Kg	☼	41	75 - 125
Arsenic	7.0		10.2	16.27		mg/Kg	☼	91	75 - 125
Barium	118		10.2	145.5	4	mg/Kg	☼	268	75 - 125
Beryllium	0.30	J	5.11	4.72		mg/Kg	☼	87	75 - 125
Cadmium	0.27	J	5.11	5.06		mg/Kg	☼	94	75 - 125
Calcium	6300		511	7146	4	mg/Kg	☼	166	75 - 125
Chromium	11.3		10.2	22.75		mg/Kg	☼	112	75 - 125
Cobalt	4.7		5.11	10.24		mg/Kg	☼	108	75 - 125
Copper	37.4		10.2	50.12		mg/Kg	☼	125	75 - 125
Iron	10800		511	10940	4	mg/Kg	☼	28	75 - 125
Lead	170		5.11	169.0	4	mg/Kg	☼	-23	75 - 125
Magnesium	1890		511	2464		mg/Kg	☼	112	75 - 125
Manganese	196		51.1	257.2		mg/Kg	☼	120	75 - 125
Nickel	16.4		10.2	27.98		mg/Kg	☼	114	75 - 125
Potassium	876		511	1428		mg/Kg	☼	108	75 - 125
Selenium	0.39	J	10.2	9.63		mg/Kg	☼	90	75 - 125
Silver	0.095	J	5.11	4.61		mg/Kg	☼	88	75 - 125
Sodium	199		511	665.5		mg/Kg	☼	91	75 - 125
Thallium	0.087	J	4.08	3.82		mg/Kg	☼	91	75 - 125
Vanadium	16.0		10.2	26.67		mg/Kg	☼	104	75 - 125
Zinc	138		51.1	193.8		mg/Kg	☼	110	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-351378-E-5-B DU
Matrix: Solid
Analysis Batch: 1108986

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1108881

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	5800		5381		mg/Kg	☼	8	20
Antimony	0.31	J	0.300	J	mg/Kg	☼	5	20
Arsenic	7.0		6.85		mg/Kg	☼	2	20
Barium	118		187.3	*	mg/Kg	☼	45	20
Beryllium	0.30	J	0.299	J	mg/Kg	☼	0.3	20
Cadmium	0.27	J	0.286	J	mg/Kg	☼	6	20
Calcium	6300		7092		mg/Kg	☼	12	20
Chromium	11.3		11.42		mg/Kg	☼	1	20
Cobalt	4.7		4.84		mg/Kg	☼	2	20
Copper	37.4		38.09		mg/Kg	☼	2	20
Iron	10800		11100		mg/Kg	☼	3	20
Lead	170		165.1		mg/Kg	☼	3	20
Magnesium	1890		1946		mg/Kg	☼	3	20
Manganese	196		213.8		mg/Kg	☼	9	20
Nickel	16.4		16.91		mg/Kg	☼	3	20
Potassium	876		847.6		mg/Kg	☼	3	20
Selenium	0.39	J	0.409	J	mg/Kg	☼	4	20
Silver	0.095	J	0.0916	J	mg/Kg	☼	3	20
Sodium	199		195.6		mg/Kg	☼	2	20
Thallium	0.087	J	0.0908	J	mg/Kg	☼	4	20
Vanadium	16.0		15.74		mg/Kg	☼	2	20
Zinc	138		141.9		mg/Kg	☼	3	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 460-1109098/1-A
Matrix: Solid
Analysis Batch: 1109216

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1109098

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0060	mg/Kg		05/21/26 01:28	05/21/26 06:51	1

Lab Sample ID: LCSSRM 460-1109098/2-A
Matrix: Solid
Analysis Batch: 1109216

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1109098

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	11.1	10.53		mg/Kg		94.9	75.9 - 124.3

Lab Sample ID: 460-351403-A-2-C MS
Matrix: Solid
Analysis Batch: 1109216

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1109098

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.028		0.106	0.115		mg/Kg	☼	83	80 - 120

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: 460-351403-A-2-B DU
Matrix: Solid
Analysis Batch: 1109216

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1109098

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Mercury	0.028			0.0290		mg/Kg	☼			3	20

Method: Moisture - Percent Moisture

Lab Sample ID: 460-351333-A-1 DU
Matrix: Solid
Analysis Batch: 1108791

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	5.4			4.3	*	%				23	20
Percent Solids	94.6			95.7		%				1	20

Lab Sample ID: 460-351334-A-1 DU
Matrix: Solid
Analysis Batch: 1108791

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	18.5			18.6		%				0.4	20
Percent Solids	81.5			81.4		%				0.08	20

GC/MS VOA

Prep Batch: 1108839

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351338-2	ISS-37_B	Total/NA	Solid	5035	
460-351338-6	ISS-38_B	Total/NA	Solid	5035	
460-351338-7	ISS-38_C	Total/NA	Solid	5035	
460-351338-10	ISS-43_A	Total/NA	Solid	5035	
460-351338-12	ISS-43_C	Total/NA	Solid	5035	
460-351338-13 - DL	ISS-43_D	Total/NA	Solid	5035	
460-351338-15	ISS-44_A	Total/NA	Solid	5035	
460-351338-16	ISS-44_B	Total/NA	Solid	5035	
460-351338-17	ISS-44_C	Total/NA	Solid	5035	
460-351338-19	ISS-39_A	Total/NA	Solid	5035	
460-351338-21	ISS-39_C	Total/NA	Solid	5035	

Prep Batch: 1108842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351338-1	ISS-37_A	Total/NA	Solid	5035	
460-351338-3	ISS-37_C	Total/NA	Solid	5035	
460-351338-5	ISS-38_A	Total/NA	Solid	5035	
460-351338-6	ISS-38_B	Total/NA	Solid	5035	
460-351338-8	ISS-38_D	Total/NA	Solid	5035	
460-351338-11	ISS-43_B	Total/NA	Solid	5035	
460-351338-13	ISS-43_D	Total/NA	Solid	5035	
460-351338-20	ISS-39_B	Total/NA	Solid	5035	
460-351338-22	ISS-39_D	Total/NA	Solid	5035	

Analysis Batch: 1108993

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351338-1	ISS-37_A	Total/NA	Solid	8260D	1108842
460-351338-3	ISS-37_C	Total/NA	Solid	8260D	1108842
460-351338-5	ISS-38_A	Total/NA	Solid	8260D	1108842
460-351338-8	ISS-38_D	Total/NA	Solid	8260D	1108842
460-351338-11	ISS-43_B	Total/NA	Solid	8260D	1108842
460-351338-13	ISS-43_D	Total/NA	Solid	8260D	1108842
460-351338-20	ISS-39_B	Total/NA	Solid	8260D	1108842
MB 460-1108993/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1108993/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1108993/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1109613

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351338-2	ISS-37_B	Total/NA	Solid	8260D	1108839
460-351338-7	ISS-38_C	Total/NA	Solid	8260D	1108839
460-351338-10	ISS-43_A	Total/NA	Solid	8260D	1108839
460-351338-13 - DL	ISS-43_D	Total/NA	Solid	8260D	1108839
MB 460-1109613/9	Method Blank	Total/NA	Solid	8260D	
LCS 460-1109613/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1109613/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1109718

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351338-15	ISS-44_A	Total/NA	Solid	8260D	1108839
460-351338-16	ISS-44_B	Total/NA	Solid	8260D	1108839

GC/MS VOA (Continued)

Analysis Batch: 1109718 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351338-17	ISS-44_C	Total/NA	Solid	8260D	1108839
460-351338-19	ISS-39_A	Total/NA	Solid	8260D	1108839
MB 460-1109718/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-1109718/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1109718/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1109796

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351338-6	ISS-38_B	Total/NA	Solid	8260D	1108839
460-351338-12	ISS-43_C	Total/NA	Solid	8260D	1108839
460-351338-21	ISS-39_C	Total/NA	Solid	8260D	1108839
MB 460-1109796/10	Method Blank	Total/NA	Solid	8260D	
LCS 460-1109796/5	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1109796/6	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1109839

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351338-6	ISS-38_B	Total/NA	Solid	8260D	1108842
460-351338-22	ISS-39_D	Total/NA	Solid	8260D	1108842
MB 460-1109839/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1109839/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1109839/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS Semi VOA

Prep Batch: 1108693

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351338-4	ISS-37_0-4	Total/NA	Solid	3546	
460-351338-9	ISS-38_0-4	Total/NA	Solid	3546	
460-351338-14	ISS-43_0-4	Total/NA	Solid	3546	
460-351338-18	ISS-44_0-4	Total/NA	Solid	3546	
460-351338-23	ISS-39_0-4	Total/NA	Solid	3546	
MB 460-1108693/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1108693/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1108693/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-351253-C-1-A MS	Matrix Spike	Total/NA	Solid	3546	
460-351253-C-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 1108715

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-1108693/1-A	Method Blank	Total/NA	Solid	8270E	1108693
LCS 460-1108693/2-A	Lab Control Sample	Total/NA	Solid	8270E	1108693
LCSD 460-1108693/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	1108693
460-351253-C-1-A MS	Matrix Spike	Total/NA	Solid	8270E	1108693
460-351253-C-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8270E	1108693

Analysis Batch: 1108857

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351338-4	ISS-37_0-4	Total/NA	Solid	8270E	1108693
460-351338-9	ISS-38_0-4	Total/NA	Solid	8270E	1108693
460-351338-14	ISS-43_0-4	Total/NA	Solid	8270E	1108693

GC/MS Semi VOA (Continued)

Analysis Batch: 1108857 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351338-18	ISS-44_0-4	Total/NA	Solid	8270E	1108693
460-351338-23	ISS-39_0-4	Total/NA	Solid	8270E	1108693

GC Semi VOA

Prep Batch: 1108949

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351338-4	ISS-37_0-4	Total/NA	Solid	3546	
460-351338-9	ISS-38_0-4	Total/NA	Solid	3546	
460-351338-14	ISS-43_0-4	Total/NA	Solid	3546	
460-351338-18	ISS-44_0-4	Total/NA	Solid	3546	
460-351338-23	ISS-39_0-4	Total/NA	Solid	3546	
MB 460-1108949/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1108949/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1108949/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-351334-C-1-B MS	Matrix Spike	Total/NA	Solid	3546	
460-351334-C-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Prep Batch: 1108950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351338-4	ISS-37_0-4	Total/NA	Solid	3546	
460-351338-9	ISS-38_0-4	Total/NA	Solid	3546	
460-351338-14	ISS-43_0-4	Total/NA	Solid	3546	
460-351338-18	ISS-44_0-4	Total/NA	Solid	3546	
460-351338-23	ISS-39_0-4	Total/NA	Solid	3546	
MB 460-1108950/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1108950/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1108950/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-351334-C-1-E MS	Matrix Spike	Total/NA	Solid	3546	
460-351334-C-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 1109055

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351338-4	ISS-37_0-4	Total/NA	Solid	8082A	1108949
460-351338-9	ISS-38_0-4	Total/NA	Solid	8082A	1108949
460-351338-14	ISS-43_0-4	Total/NA	Solid	8082A	1108949
460-351338-18	ISS-44_0-4	Total/NA	Solid	8082A	1108949
460-351338-23	ISS-39_0-4	Total/NA	Solid	8082A	1108949
MB 460-1108949/1-A	Method Blank	Total/NA	Solid	8082A	1108949
LCS 460-1108949/2-A	Lab Control Sample	Total/NA	Solid	8082A	1108949
LCSD 460-1108949/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	1108949
460-351334-C-1-B MS	Matrix Spike	Total/NA	Solid	8082A	1108949
460-351334-C-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8082A	1108949

Analysis Batch: 1109108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351338-4	ISS-37_0-4	Total/NA	Solid	8081B	1108950
460-351338-9	ISS-38_0-4	Total/NA	Solid	8081B	1108950
460-351338-14	ISS-43_0-4	Total/NA	Solid	8081B	1108950
460-351338-18	ISS-44_0-4	Total/NA	Solid	8081B	1108950
460-351338-23	ISS-39_0-4	Total/NA	Solid	8081B	1108950

GC Semi VOA (Continued)

Analysis Batch: 1109108 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-1108950/1-A	Method Blank	Total/NA	Solid	8081B	1108950
LCS 460-1108950/2-A	Lab Control Sample	Total/NA	Solid	8081B	1108950
LCSD 460-1108950/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	1108950
460-351334-C-1-E MS	Matrix Spike	Total/NA	Solid	8081B	1108950
460-351334-C-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8081B	1108950

LCMS

Prep Batch: 822651

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351338-4	ISS-37_0-4	Total/NA	Solid	1633A	
460-351338-9	ISS-38_0-4	Total/NA	Solid	1633A	
460-351338-14	ISS-43_0-4	Total/NA	Solid	1633A	
460-351338-18	ISS-44_0-4	Total/NA	Solid	1633A	
460-351338-23	ISS-39_0-4	Total/NA	Solid	1633A	
MB 410-822651/1-A	Method Blank	Total/NA	Solid	1633A	
LCS 410-822651/2-A	Lab Control Sample	Total/NA	Solid	1633A	
LLCS 410-822651/3-A	Lab Control Sample	Total/NA	Solid	1633A	

Analysis Batch: 823812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351338-4	ISS-37_0-4	Total/NA	Solid	1633A	822651
460-351338-9	ISS-38_0-4	Total/NA	Solid	1633A	822651
460-351338-14	ISS-43_0-4	Total/NA	Solid	1633A	822651
460-351338-18	ISS-44_0-4	Total/NA	Solid	1633A	822651
460-351338-23	ISS-39_0-4	Total/NA	Solid	1633A	822651
MB 410-822651/1-A	Method Blank	Total/NA	Solid	1633A	822651
LCS 410-822651/2-A	Lab Control Sample	Total/NA	Solid	1633A	822651
LLCS 410-822651/3-A	Lab Control Sample	Total/NA	Solid	1633A	822651

Metals

Prep Batch: 1108881

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351338-4	ISS-37_0-4	Total/NA	Solid	3050B	
460-351338-9	ISS-38_0-4	Total/NA	Solid	3050B	
460-351338-14	ISS-43_0-4	Total/NA	Solid	3050B	
460-351338-18	ISS-44_0-4	Total/NA	Solid	3050B	
460-351338-23	ISS-39_0-4	Total/NA	Solid	3050B	
MB 460-1108881/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-1108881/2-A	Lab Control Sample	Total/NA	Solid	3050B	
460-351378-E-5-C MS	Matrix Spike	Total/NA	Solid	3050B	
460-351378-E-5-B DU	Duplicate	Total/NA	Solid	3050B	

Analysis Batch: 1108986

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351338-4	ISS-37_0-4	Total/NA	Solid	6020B	1108881
460-351338-9	ISS-38_0-4	Total/NA	Solid	6020B	1108881
460-351338-14	ISS-43_0-4	Total/NA	Solid	6020B	1108881
460-351338-18	ISS-44_0-4	Total/NA	Solid	6020B	1108881
460-351338-23	ISS-39_0-4	Total/NA	Solid	6020B	1108881
MB 460-1108881/1-A	Method Blank	Total/NA	Solid	6020B	1108881

Metals (Continued)

Analysis Batch: 1108986 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351378-E-5-C MS	Matrix Spike	Total/NA	Solid	6020B	1108881
460-351378-E-5-B DU	Duplicate	Total/NA	Solid	6020B	1108881

Prep Batch: 1109098

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351338-4	ISS-37_0-4	Total/NA	Solid	7471B	
460-351338-9	ISS-38_0-4	Total/NA	Solid	7471B	
460-351338-14	ISS-43_0-4	Total/NA	Solid	7471B	
460-351338-18	ISS-44_0-4	Total/NA	Solid	7471B	
460-351338-23	ISS-39_0-4	Total/NA	Solid	7471B	
MB 460-1109098/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-1109098/2-A	Lab Control Sample	Total/NA	Solid	7471B	
460-351403-A-2-C MS	Matrix Spike	Total/NA	Solid	7471B	
460-351403-A-2-B DU	Duplicate	Total/NA	Solid	7471B	

Analysis Batch: 1109216

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351338-4	ISS-37_0-4	Total/NA	Solid	7471B	1109098
460-351338-9	ISS-38_0-4	Total/NA	Solid	7471B	1109098
460-351338-14	ISS-43_0-4	Total/NA	Solid	7471B	1109098
460-351338-18	ISS-44_0-4	Total/NA	Solid	7471B	1109098
460-351338-23	ISS-39_0-4	Total/NA	Solid	7471B	1109098
MB 460-1109098/1-A	Method Blank	Total/NA	Solid	7471B	1109098
LCSSRM 460-1109098/2-A	Lab Control Sample	Total/NA	Solid	7471B	1109098
460-351403-A-2-C MS	Matrix Spike	Total/NA	Solid	7471B	1109098
460-351403-A-2-B DU	Duplicate	Total/NA	Solid	7471B	1109098

Analysis Batch: 1109242

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSSRM 460-1108881/2-A	Lab Control Sample	Total/NA	Solid	6020B	1108881

General Chemistry

Analysis Batch: 1108791

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351338-1	ISS-37_A	Total/NA	Solid	Moisture	
460-351338-2	ISS-37_B	Total/NA	Solid	Moisture	
460-351338-3	ISS-37_C	Total/NA	Solid	Moisture	
460-351338-4	ISS-37_0-4	Total/NA	Solid	Moisture	
460-351338-5	ISS-38_A	Total/NA	Solid	Moisture	
460-351338-6	ISS-38_B	Total/NA	Solid	Moisture	
460-351338-7	ISS-38_C	Total/NA	Solid	Moisture	
460-351338-8	ISS-38_D	Total/NA	Solid	Moisture	
460-351338-9	ISS-38_0-4	Total/NA	Solid	Moisture	
460-351338-10	ISS-43_A	Total/NA	Solid	Moisture	
460-351338-11	ISS-43_B	Total/NA	Solid	Moisture	
460-351338-12	ISS-43_C	Total/NA	Solid	Moisture	
460-351338-13	ISS-43_D	Total/NA	Solid	Moisture	
460-351338-14	ISS-43_0-4	Total/NA	Solid	Moisture	
460-351338-15	ISS-44_A	Total/NA	Solid	Moisture	
460-351338-16	ISS-44_B	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 1108791 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351338-17	ISS-44_C	Total/NA	Solid	Moisture	
460-351338-18	ISS-44_0-4	Total/NA	Solid	Moisture	
460-351338-19	ISS-39_A	Total/NA	Solid	Moisture	
460-351338-20	ISS-39_B	Total/NA	Solid	Moisture	
460-351338-21	ISS-39_C	Total/NA	Solid	Moisture	
460-351338-22	ISS-39_D	Total/NA	Solid	Moisture	
460-351338-23	ISS-39_0-4	Total/NA	Solid	Moisture	
460-351333-A-1 DU	Duplicate	Total/NA	Solid	Moisture	
460-351334-A-1 DU	Duplicate	Total/NA	Solid	Moisture	

Client Sample ID: ISS-37_A — **Lab Sample ID: 460-351338-1**
Date Collected: 05/19/26 12:00 — **Matrix: Solid**
Date Received: 05/19/26 16:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1108791	CJC	EET EDI	05/19/26 18:09

Client Sample ID: ISS-37_A — **Lab Sample ID: 460-351338-1**
Date Collected: 05/19/26 12:00 — **Matrix: Solid**
Date Received: 05/19/26 16:51 — **Percent Solids: 95.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1108842	AIN	EET EDI	05/19/26 20:58
Total/NA	Analysis	8260D		1	1108993	EMM	EET EDI	05/20/26 23:47

Client Sample ID: ISS-37_B — **Lab Sample ID: 460-351338-2**
Date Collected: 05/19/26 12:05 — **Matrix: Solid**
Date Received: 05/19/26 16:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1108791	CJC	EET EDI	05/19/26 18:09

Client Sample ID: ISS-37_B — **Lab Sample ID: 460-351338-2**
Date Collected: 05/19/26 12:05 — **Matrix: Solid**
Date Received: 05/19/26 16:51 — **Percent Solids: 88.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1108839	AIN	EET EDI	05/19/26 20:48
Total/NA	Analysis	8260D		50	1109613	AAT	EET EDI	05/23/26 15:18

Client Sample ID: ISS-37_C — **Lab Sample ID: 460-351338-3**
Date Collected: 05/19/26 12:10 — **Matrix: Solid**
Date Received: 05/19/26 16:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1108791	CJC	EET EDI	05/19/26 18:09

Client Sample ID: ISS-37_C — **Lab Sample ID: 460-351338-3**
Date Collected: 05/19/26 12:10 — **Matrix: Solid**
Date Received: 05/19/26 16:51 — **Percent Solids: 96.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1108842	AIN	EET EDI	05/19/26 20:59
Total/NA	Analysis	8260D		1	1108993	EMM	EET EDI	05/21/26 00:10

Client Sample ID: ISS-37_0-4 — **Lab Sample ID: 460-351338-4**
Date Collected: 05/19/26 12:15 — **Matrix: Solid**
Date Received: 05/19/26 16:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1108791	CJC	EET EDI	05/19/26 18:47

Client Sample ID: ISS-37_0-4
Lab Sample ID: 460-351338-4
Date Collected: 05/19/26 12:15
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 89.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1108693	AXB	EET EDI	05/19/26 20:47
Total/NA	Analysis	8270E		1	1108857	DXD	EET EDI	05/20/26 09:25
Total/NA	Prep	3546			1108950	OTS	EET EDI	05/20/26 10:39
Total/NA	Analysis	8081B		1	1109108	FAM	EET EDI	05/21/26 10:45
Total/NA	Prep	3546			1108949	OTS	EET EDI	05/20/26 10:37
Total/NA	Analysis	8082A		1	1109055	MJS	EET EDI	05/20/26 22:05
Total/NA	Prep	1633A			822651	VDC4	ELLE	05/22/26 14:24
Total/NA	Analysis	1633A		1	823812	VGQ7	ELLE	05/26/26 20:56
Total/NA	Prep	3050B			1108881	FBT	EET EDI	05/20/26 06:32
Total/NA	Analysis	6020B		1	1108986	JKF	EET EDI	05/20/26 13:42
Total/NA	Prep	7471B			1109098	TJS	EET EDI	05/21/26 01:28
Total/NA	Analysis	7471B		1	1109216	TJS	EET EDI	05/21/26 07:23

Client Sample ID: ISS-38_A
Lab Sample ID: 460-351338-5
Date Collected: 05/19/26 12:20
Matrix: Solid
Date Received: 05/19/26 16:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1108791	CJC	EET EDI	05/19/26 18:09

Client Sample ID: ISS-38_A
Lab Sample ID: 460-351338-5
Date Collected: 05/19/26 12:20
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 93.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1108842	AIN	EET EDI	05/19/26 20:59
Total/NA	Analysis	8260D		1	1108993	EMM	EET EDI	05/21/26 00:33

Client Sample ID: ISS-38_B
Lab Sample ID: 460-351338-6
Date Collected: 05/19/26 12:25
Matrix: Solid
Date Received: 05/19/26 16:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1108791	CJC	EET EDI	05/19/26 18:09

Client Sample ID: ISS-38_B
Lab Sample ID: 460-351338-6
Date Collected: 05/19/26 12:25
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 91.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1108842	AIN	EET EDI	05/19/26 21:00
Total/NA	Analysis	8260D		1	1109839	EMM	EET EDI	05/26/26 14:04
Total/NA	Prep	5035			1108839	AIN	EET EDI	05/19/26 20:49
Total/NA	Analysis	8260D		50	1109796	CJM	EET EDI	05/26/26 16:54

Client Sample ID: ISS-38_C — **Lab Sample ID: 460-351338-7**
Date Collected: 05/19/26 12:30 — **Matrix: Solid**
Date Received: 05/19/26 16:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1108791	CJC	EET EDI	05/19/26 18:09

Client Sample ID: ISS-38_C — **Lab Sample ID: 460-351338-7**
Date Collected: 05/19/26 12:30 — **Matrix: Solid**
Date Received: 05/19/26 16:51 — **Percent Solids: 93.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1108839	AIN	EET EDI	05/19/26 20:49
Total/NA	Analysis	8260D		50	1109613	AAT	EET EDI	05/23/26 15:42

Client Sample ID: ISS-38_D — **Lab Sample ID: 460-351338-8**
Date Collected: 05/19/26 12:35 — **Matrix: Solid**
Date Received: 05/19/26 16:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1108791	CJC	EET EDI	05/19/26 18:09

Client Sample ID: ISS-38_D — **Lab Sample ID: 460-351338-8**
Date Collected: 05/19/26 12:35 — **Matrix: Solid**
Date Received: 05/19/26 16:51 — **Percent Solids: 95.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1108842	AIN	EET EDI	05/19/26 21:01
Total/NA	Analysis	8260D		1	1108993	EMM	EET EDI	05/21/26 01:20

Client Sample ID: ISS-38_0-4 — **Lab Sample ID: 460-351338-9**
Date Collected: 05/19/26 12:40 — **Matrix: Solid**
Date Received: 05/19/26 16:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1108791	CJC	EET EDI	05/19/26 18:47

Client Sample ID: ISS-38_0-4 — **Lab Sample ID: 460-351338-9**
Date Collected: 05/19/26 12:40 — **Matrix: Solid**
Date Received: 05/19/26 16:51 — **Percent Solids: 90.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1108693	AXB	EET EDI	05/19/26 20:47
Total/NA	Analysis	8270E		1	1108857	DXD	EET EDI	05/20/26 07:37
Total/NA	Prep	3546			1108950	OTS	EET EDI	05/20/26 10:39
Total/NA	Analysis	8081B		1	1109108	FAM	EET EDI	05/21/26 10:58
Total/NA	Prep	3546			1108949	OTS	EET EDI	05/20/26 10:37
Total/NA	Analysis	8082A		1	1109055	MJS	EET EDI	05/20/26 22:22
Total/NA	Prep	1633A			822651	VDC4	ELLE	05/22/26 14:24
Total/NA	Analysis	1633A		1	823812	VGQ7	ELLE	05/26/26 21:10

Client Sample ID: ISS-38_0-4 — **Lab Sample ID: 460-351338-9**
Date Collected: 05/19/26 12:40 — **Matrix: Solid**
Date Received: 05/19/26 16:51 — **Percent Solids: 90.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			1108881	FBT	EET EDI	05/20/26 06:32
Total/NA	Analysis	6020B		1	1108986	JKF	EET EDI	05/20/26 13:45
Total/NA	Prep	7471B			1109098	TJS	EET EDI	05/21/26 01:28
Total/NA	Analysis	7471B		1	1109216	TJS	EET EDI	05/21/26 07:26

Client Sample ID: ISS-43_A — **Lab Sample ID: 460-351338-10**
Date Collected: 05/19/26 12:45 — **Matrix: Solid**
Date Received: 05/19/26 16:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1108791	CJC	EET EDI	05/19/26 18:09

Client Sample ID: ISS-43_A — **Lab Sample ID: 460-351338-10**
Date Collected: 05/19/26 12:45 — **Matrix: Solid**
Date Received: 05/19/26 16:51 — **Percent Solids: 91.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1108839	AIN	EET EDI	05/19/26 20:50
Total/NA	Analysis	8260D		50	1109613	AAT	EET EDI	05/23/26 16:07

Client Sample ID: ISS-43_B — **Lab Sample ID: 460-351338-11**
Date Collected: 05/19/26 12:50 — **Matrix: Solid**
Date Received: 05/19/26 16:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1108791	CJC	EET EDI	05/19/26 18:09

Client Sample ID: ISS-43_B — **Lab Sample ID: 460-351338-11**
Date Collected: 05/19/26 12:50 — **Matrix: Solid**
Date Received: 05/19/26 16:51 — **Percent Solids: 90.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1108842	AIN	EET EDI	05/19/26 21:02
Total/NA	Analysis	8260D		1	1108993	EMM	EET EDI	05/21/26 01:43

Client Sample ID: ISS-43_C — **Lab Sample ID: 460-351338-12**
Date Collected: 05/19/26 13:00 — **Matrix: Solid**
Date Received: 05/19/26 16:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1108791	CJC	EET EDI	05/19/26 18:09

Client Sample ID: ISS-43_C — **Lab Sample ID: 460-351338-12**
Date Collected: 05/19/26 13:00 — **Matrix: Solid**
Date Received: 05/19/26 16:51 — **Percent Solids: 80.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1108839	AIN	EET EDI	05/19/26 20:51
Total/NA	Analysis	8260D		100	1109796	CJM	EET EDI	05/26/26 12:08

Client Sample ID: ISS-43_D — **Lab Sample ID: 460-351338-13**
Date Collected: 05/19/26 13:05 — **Matrix: Solid**
Date Received: 05/19/26 16:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1108791	CJC	EET EDI	05/19/26 18:09

Client Sample ID: ISS-43_D — **Lab Sample ID: 460-351338-13**
Date Collected: 05/19/26 13:05 — **Matrix: Solid**
Date Received: 05/19/26 16:51 — **Percent Solids: 93.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1108842	AIN	EET EDI	05/19/26 21:03
Total/NA	Analysis	8260D		1	1108993	EMM	EET EDI	05/21/26 02:06
Total/NA	Prep	5035	DL		1108839	AIN	EET EDI	05/19/26 20:51
Total/NA	Analysis	8260D	DL	50	1109613	AAT	EET EDI	05/23/26 16:31

Client Sample ID: ISS-43_0-4 — **Lab Sample ID: 460-351338-14**
Date Collected: 05/19/26 13:10 — **Matrix: Solid**
Date Received: 05/19/26 16:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1108791	CJC	EET EDI	05/19/26 18:47

Client Sample ID: ISS-43_0-4 — **Lab Sample ID: 460-351338-14**
Date Collected: 05/19/26 13:10 — **Matrix: Solid**
Date Received: 05/19/26 16:51 — **Percent Solids: 90.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1108693	AXB	EET EDI	05/19/26 20:47
Total/NA	Analysis	8270E		1	1108857	DXD	EET EDI	05/20/26 07:55
Total/NA	Prep	3546			1108950	OTS	EET EDI	05/20/26 10:39
Total/NA	Analysis	8081B		1	1109108	FAM	EET EDI	05/21/26 11:11
Total/NA	Prep	3546			1108949	OTS	EET EDI	05/20/26 10:37
Total/NA	Analysis	8082A		1	1109055	MJS	EET EDI	05/20/26 22:38
Total/NA	Prep	1633A			822651	VDC4	ELLE	05/22/26 14:24
Total/NA	Analysis	1633A		1	823812	VGQ7	ELLE	05/26/26 21:51
Total/NA	Prep	3050B			1108881	FBT	EET EDI	05/20/26 06:32
Total/NA	Analysis	6020B		1	1108986	JKF	EET EDI	05/20/26 13:48
Total/NA	Prep	7471B			1109098	TJS	EET EDI	05/21/26 01:28
Total/NA	Analysis	7471B		1	1109216	TJS	EET EDI	05/21/26 07:29

Client Sample ID: ISS-44_A — **Lab Sample ID: 460-351338-15**
Date Collected: 05/19/26 13:15 — **Matrix: Solid**
Date Received: 05/19/26 16:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1108791	CJC	EET EDI	05/19/26 18:09

Client Sample ID: ISS-44_A — **Lab Sample ID: 460-351338-15**
Date Collected: 05/19/26 13:15 — **Matrix: Solid**
Date Received: 05/19/26 16:51 — **Percent Solids: 84.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1108839	AIN	EET EDI	05/19/26 20:51
Total/NA	Analysis	8260D		50	1109718	MZS	EET EDI	05/23/26 20:30

Client Sample ID: ISS-44_B — **Lab Sample ID: 460-351338-16**
Date Collected: 05/19/26 13:20 — **Matrix: Solid**
Date Received: 05/19/26 16:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1108791	CJC	EET EDI	05/19/26 18:09

Client Sample ID: ISS-44_B — **Lab Sample ID: 460-351338-16**
Date Collected: 05/19/26 13:20 — **Matrix: Solid**
Date Received: 05/19/26 16:51 — **Percent Solids: 85.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1108839	AIN	EET EDI	05/19/26 20:52
Total/NA	Analysis	8260D		50	1109718	MZS	EET EDI	05/23/26 20:54

Client Sample ID: ISS-44_C — **Lab Sample ID: 460-351338-17**
Date Collected: 05/19/26 13:25 — **Matrix: Solid**
Date Received: 05/19/26 16:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1108791	CJC	EET EDI	05/19/26 18:09

Client Sample ID: ISS-44_C — **Lab Sample ID: 460-351338-17**
Date Collected: 05/19/26 13:25 — **Matrix: Solid**
Date Received: 05/19/26 16:51 — **Percent Solids: 80.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1108839	AIN	EET EDI	05/19/26 20:52
Total/NA	Analysis	8260D		100	1109718	MZS	EET EDI	05/24/26 00:05

Client Sample ID: ISS-44_0-4 — **Lab Sample ID: 460-351338-18**
Date Collected: 05/19/26 13:30 — **Matrix: Solid**
Date Received: 05/19/26 16:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1108791	CJC	EET EDI	05/19/26 18:47

Client Sample ID: ISS-44_0-4
Lab Sample ID: 460-351338-18

Date Collected: 05/19/26 13:30
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 85.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1108693	AXB	EET EDI	05/19/26 20:47
Total/NA	Analysis	8270E		1	1108857	DXD	EET EDI	05/20/26 08:13
Total/NA	Prep	3546			1108950	OTS	EET EDI	05/20/26 10:39
Total/NA	Analysis	8081B		1	1109108	FAM	EET EDI	05/21/26 11:24
Total/NA	Prep	3546			1108949	OTS	EET EDI	05/20/26 10:37
Total/NA	Analysis	8082A		1	1109055	MJS	EET EDI	05/20/26 22:55
Total/NA	Prep	1633A			822651	VDC4	ELLE	05/22/26 14:24
Total/NA	Analysis	1633A		1	823812	VGQ7	ELLE	05/26/26 22:04
Total/NA	Prep	3050B			1108881	FBT	EET EDI	05/20/26 06:32
Total/NA	Analysis	6020B		1	1108986	JKF	EET EDI	05/20/26 13:50
Total/NA	Prep	7471B			1109098	TJS	EET EDI	05/21/26 01:28
Total/NA	Analysis	7471B		1	1109216	TJS	EET EDI	05/21/26 07:32

Client Sample ID: ISS-39_A
Lab Sample ID: 460-351338-19

Date Collected: 05/19/26 13:35
Matrix: Solid
Date Received: 05/19/26 16:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1108791	CJC	EET EDI	05/19/26 18:09

Client Sample ID: ISS-39_A
Lab Sample ID: 460-351338-19

Date Collected: 05/19/26 13:35
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 94.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1108839	AIN	EET EDI	05/19/26 20:52
Total/NA	Analysis	8260D		50	1109718	MZS	EET EDI	05/23/26 21:18

Client Sample ID: ISS-39_B
Lab Sample ID: 460-351338-20

Date Collected: 05/19/26 13:40
Matrix: Solid
Date Received: 05/19/26 16:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1108791	CJC	EET EDI	05/19/26 18:09

Client Sample ID: ISS-39_B
Lab Sample ID: 460-351338-20

Date Collected: 05/19/26 13:40
Matrix: Solid
Date Received: 05/19/26 16:51
Percent Solids: 97.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1108842	AIN	EET EDI	05/19/26 21:06
Total/NA	Analysis	8260D		1	1108993	EMM	EET EDI	05/21/26 00:56

Client Sample ID: ISS-39_C — **Lab Sample ID: 460-351338-21**
Date Collected: 05/19/26 13:45 — **Matrix: Solid**
Date Received: 05/19/26 16:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1108791	CJC	EET EDI	05/19/26 18:47

Client Sample ID: ISS-39_C — **Lab Sample ID: 460-351338-21**
Date Collected: 05/19/26 13:45 — **Matrix: Solid**
Date Received: 05/19/26 16:51 — **Percent Solids: 88.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1108839	AIN	EET EDI	05/19/26 20:53
Total/NA	Analysis	8260D		1000	1109796	CJM	EET EDI	05/26/26 12:32

Client Sample ID: ISS-39_D — **Lab Sample ID: 460-351338-22**
Date Collected: 05/19/26 13:50 — **Matrix: Solid**
Date Received: 05/19/26 16:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1108791	CJC	EET EDI	05/19/26 18:47

Client Sample ID: ISS-39_D — **Lab Sample ID: 460-351338-22**
Date Collected: 05/19/26 13:50 — **Matrix: Solid**
Date Received: 05/19/26 16:51 — **Percent Solids: 92.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1108842	AIN	EET EDI	05/19/26 21:07
Total/NA	Analysis	8260D		1	1109839	EMM	EET EDI	05/26/26 14:59

Client Sample ID: ISS-39_0-4 — **Lab Sample ID: 460-351338-23**
Date Collected: 05/19/26 14:00 — **Matrix: Solid**
Date Received: 05/19/26 16:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1108791	CJC	EET EDI	05/19/26 18:47

Client Sample ID: ISS-39_0-4 — **Lab Sample ID: 460-351338-23**
Date Collected: 05/19/26 14:00 — **Matrix: Solid**
Date Received: 05/19/26 16:51 — **Percent Solids: 92.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1108693	AXB	EET EDI	05/19/26 20:47
Total/NA	Analysis	8270E		1	1108857	DXD	EET EDI	05/20/26 08:31
Total/NA	Prep	3546			1108950	OTS	EET EDI	05/20/26 10:39
Total/NA	Analysis	8081B		1	1109108	FAM	EET EDI	05/21/26 11:37
Total/NA	Prep	3546			1108949	OTS	EET EDI	05/20/26 10:37
Total/NA	Analysis	8082A		1	1109055	MJS	EET EDI	05/20/26 23:12
Total/NA	Prep	1633A			822651	VDC4	ELLE	05/22/26 14:24
Total/NA	Analysis	1633A		1	823812	VGQ7	ELLE	05/26/26 22:18

Lab Chronicle

Client: Haley & Aldrich Inc
Project/Site: Former Port Mobil

Job ID: 460-351338-1

Client Sample ID: ISS-39_0-4
Date Collected: 05/19/26 14:00
Date Received: 05/19/26 16:51

Lab Sample ID: 460-351338-23
Matrix: Solid
Percent Solids: 92.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			1108881	FBT	EET EDI	05/20/26 06:32
Total/NA	Analysis	6020B		1	1108986	JKF	EET EDI	05/20/26 13:53
Total/NA	Prep	7471B			1109098	TJS	EET EDI	05/21/26 01:28
Total/NA	Analysis	7471B		1	1109216	TJS	EET EDI	05/21/26 07:35

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Haley & Aldrich Inc
Project/Site: Former Port Mobil

Job ID: 460-351338-1

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-27

The following analytes are included in this report, but the laboratory is not certified by New York NELAP 11452. This list may include analytes for which the agency does not offer certification:

Analysis Method	Prep Method	Matrix	Analyte
8270E	3546	Solid	3 & 4 Methylphenol
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	Dept. of Energy	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-27
Alaska	State	PA00009	06-30-26
Alaska (UST)	State	17-027	12-30-26
Arizona	State	AZ0780	03-12-27
Arkansas DEQ	State	88-00660	08-09-26
California	State	2792	01-31-27
Colorado	State	PA00009	06-30-26
Connecticut	State	PH-0746	06-30-27
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-27
Delaware (DW)	State	N/A	01-31-27
Florida	NELAP	E87997	06-30-26
Georgia (DW)	State	C048	01-31-27
Illinois	NELAP	200027	01-31-27
Iowa	State	361	03-01-28
Kansas	NELAP	E-10151	10-31-26
Kentucky (DW)	State	KY90088	12-31-26
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-26
Louisiana (All)	NELAP	02055	06-30-26
Maine	State	2019012	03-12-27
Maryland	State	100	06-30-27
Massachusetts	State	M-PA009	06-30-26
Michigan	State	9930	01-31-27
Minnesota	NELAP	042-999-487	12-31-26
Mississippi	State	023	01-31-27
Missouri	State	450	01-31-28
Montana (DW)	State	0098	01-01-27
Nebraska	State	NE-OS-32-17	01-31-27
New Hampshire	NELAP	2730	01-10-27
New Jersey	NELAP	PA011	06-30-26
New York	NELAP	10670	04-01-27
North Carolina (DW)	State	42705	07-31-26
North Carolina (WW/SW)	State	521	01-03-27

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Accreditation/Certification Summary

Client: Haley & Aldrich Inc
Project/Site: Former Port Mobil

Job ID: 460-351338-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
North Dakota	State	R-205	01-31-24 *
Ohio	State	87787	01-31-27
Oklahoma	NELAP	9804	12-13-26
Oregon	NELAP	PA200001	09-11-26
Pennsylvania	NELAP	36-00037	01-31-27
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-31-26
South Carolina	State	89002	01-31-27
Tennessee	State	02838	01-31-27
Texas	NELAP	T104704194-23-46	08-31-26
USDA	US Federal Programs	525-22-298-19481	05-08-29
Vermont	State	VT - 36037	10-28-26
Virginia	NELAP	460182	06-14-26
Washington	State	C457	04-11-27
West Virginia (DW)	State	9906 C	01-31-27
West Virginia DEP	State	055	07-31-26
Wyoming	State	8TMS-L	01-31-27
Wyoming (UST)	A2LA	0001.01	11-30-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: Haley & Aldrich Inc
Project/Site: Former Port Mobil

Job ID: 460-351338-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET EDI
8081B	Organochlorine Pesticides (GC)	SW846	EET EDI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET EDI
1633A	Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A	EPA	ELLE
6020B	Metals (ICP/MS)	SW846	EET EDI
7471B	Mercury (CVAA)	SW846	EET EDI
Moisture	Percent Moisture	EPA	EET EDI
1633A	Shake Extraction with SPE	EPA	ELLE
3050B	Preparation, Metals	SW846	EET EDI
3546	Microwave Extraction	SW846	EET EDI
5035	Closed System Purge and Trap	SW846	EET EDI
7471B	Preparation, Mercury	SW846	EET EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Haley & Aldrich Inc
Project/Site: Former Port Mobil

Job ID: 460-351338-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-351338-1	ISS-37_A	Solid	05/19/26 12:00	05/19/26 16:51	New York
460-351338-2	ISS-37_B	Solid	05/19/26 12:05	05/19/26 16:51	New York
460-351338-3	ISS-37_C	Solid	05/19/26 12:10	05/19/26 16:51	New York
460-351338-4	ISS-37_0-4	Solid	05/19/26 12:15	05/19/26 16:51	New York
460-351338-5	ISS-38_A	Solid	05/19/26 12:20	05/19/26 16:51	New York
460-351338-6	ISS-38_B	Solid	05/19/26 12:25	05/19/26 16:51	New York
460-351338-7	ISS-38_C	Solid	05/19/26 12:30	05/19/26 16:51	New York
460-351338-8	ISS-38_D	Solid	05/19/26 12:35	05/19/26 16:51	New York
460-351338-9	ISS-38_0-4	Solid	05/19/26 12:40	05/19/26 16:51	New York
460-351338-10	ISS-43_A	Solid	05/19/26 12:45	05/19/26 16:51	New York
460-351338-11	ISS-43_B	Solid	05/19/26 12:50	05/19/26 16:51	New York
460-351338-12	ISS-43_C	Solid	05/19/26 13:00	05/19/26 16:51	New York
460-351338-13	ISS-43_D	Solid	05/19/26 13:05	05/19/26 16:51	New York
460-351338-14	ISS-43_0-4	Solid	05/19/26 13:10	05/19/26 16:51	New York
460-351338-15	ISS-44_A	Solid	05/19/26 13:15	05/19/26 16:51	New York
460-351338-16	ISS-44_B	Solid	05/19/26 13:20	05/19/26 16:51	New York
460-351338-17	ISS-44_C	Solid	05/19/26 13:25	05/19/26 16:51	New York
460-351338-18	ISS-44_0-4	Solid	05/19/26 13:30	05/19/26 16:51	New York
460-351338-19	ISS-39_A	Solid	05/19/26 13:35	05/19/26 16:51	New York
460-351338-20	ISS-39_B	Solid	05/19/26 13:40	05/19/26 16:51	New York
460-351338-21	ISS-39_C	Solid	05/19/26 13:45	05/19/26 16:51	New York
460-351338-22	ISS-39_D	Solid	05/19/26 13:50	05/19/26 16:51	New York
460-351338-23	ISS-39_0-4	Solid	05/19/26 14:00	05/19/26 16:51	New York

Eurofins lab name: Eurofins Environment Testing Northeast, LLC (Eurofins Edison)

Lab Address: 777 New Durham Road, Edison, NJ

Chain of Custody Record

eurofins

Eurofins' services under this CoC shall be performed in accordance with the T&Cs within BSA #2025-2027-Eurofins by and between Haley & Aldrich, Inc. its subsidiaries and affiliates, and Eurofins and its named affiliates.

Client Information	Sampler: Charlotte Lathrop	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s):	COC No:
Client Contact: NP Staten Island Industrial, LLC	Phone: 917-796-7383	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin: NY	Page: 1 of 3
Company: Haley & Aldrich Inc	PWSID:			Job #: 351338
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5 days			
State, Zip: New York, 10001	Compliance Project: Δ Yes Δ No			
Phone: 516-317-9861	PO #: 0213836-003-002-03			
Email: Scommisso@haleyaldrich.com	WO #: 0215052-000-002-03			
Project Name: 41010 Arthur Kill - Former Port Mobil	Project #: 46042832			
Site: 4101 Arthur Kill Road, Staten Island, NY	SSOW#:			

Analysis Requested

Preservation Codes:

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone

SHOR

460-351338 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - [redacted] VOCs	6020B, 7471B, 8081B, 8082A	8270E SVOCs	PFAS 1633	Total	Special Instructions/Note:
			Preservation Code:									
ISS-37_A	5/19/26	12 00	G	S	N	N	X				4	1
ISS-37_B		12 05	G	S	N	N	X				4	2
ISS-37_C		12 10	G	S	N	N	X				4	3
ISS-37_O-4		12 15	C	S	N	N	X	X	X		3	no VOC 4
ISS-38_A		12 20	G	S	N	N	X				4	5
ISS-38_B		12 25	G	S	N	N	X				4	6
ISS-38_C		12 30	G	S	N	N	X				4	7
ISS-38_D		12 35	G	S	N	N	X				4	8
ISS-38_O-4		12 40	C	S	N	N	X	X	X		3	no VOC 9
ISS-43_A		12 45	G	S	N	N					4	10
ISS-43_B	↓	12 50	G	S	N	N					4	11

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time: 5/19/26	Company: 1616	Received by:	Date/Time: 05/19/26 16	Company: 16
Relinquished by:	Date/Time: 05/19/26	Company: 1651	Received by:	Date/Time: 5/19/26 16:51	Company: EAL
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: 1.5-1.5

Cooler Temperature(s) °C and Other Remarks:

Eurofins lab name: Eurofins Environment Testing Northeast, LLC (Eurofins Edison)

Chain of Custody Record

eurofins

Lab Address: 777 New Durham Road, Edison, NJ

Eurofins' services under this CoC shall be performed in accordance with the T&Cs within BSA #2025-2027-Eurofins by and between Haley & Aldrich, Inc. its subsidiaries and affiliates, and Eurofins and its named affiliates.

Client Information	Sampler: Charlotte Lorthioir	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s):	COC No:
Client Contact: NP Staten Island Industrial, LLC	Phone: 929-668-7247	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin: NY	Page: ~~Page~~ 2 of 3
Company: Haley & Aldrich Inc	PWSID:			Job #: 351338
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5 day			
State, Zip: New York, 10001	Compliance Project: Δ Yes Δ No			
Phone: 516-317-9861	PO #: 0213836-003-002-05			
Email: Scommisso@haleyaldrich.com	WO #: 0213836-003-002-05			
Project Name: 41010 Arthur Kill Former Port Mobil	Project #: 46042832			
Site: 4101 Arthur Kill Road, Staten Island, NY	SSOW#:			

Analysis Requested

Preservation Codes:
A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Z other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Wwater, Ssolid, Owaste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D TCL VOCs	6020B, 7471B, 8081B, 8082A, 8270E	1633A 1633 Standard list 40	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
ISS-43_C	5/19/26	13:00	G	S	N	N	X			4	12
ISS-43_D		13:05	G	S	N	N	X			4	13
ISS-43_O-4		13:10	C	S	N	N	X	X	X	3	no VOC 14
ISS-44_A		13:15	G	S	N	N	X			4	15
ISS-44_B		13:20	G	S	N	N	X			4	16
ISS-44_C		13:25	G	S	N	N	X			4	17
ISS-44_O-4		13:30	C	S	N	N		X	X	3	18
ISS-39_A		13:35	G	S	N	N	X			4	19
ISS-39_B		13:40	G	S	N	N	X			4	20
ISS-39_C		13:45	G	S	N	N	X			4	21
ISS-39_D	↓	13:50	G	S	N	N	X			4	22

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Date/Time	Company		Date/Time	Company
Relinquished by:	5/19/26	1616	Received by:	5/19/26	1616
Relinquished by:	05/19/26		Received by:		
Relinquished by:			Received by:		

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver 07/18/2025

5/27/2026

Eurofins lab name: Eurofins Environment Testing Northeast, LLC (Eurofins Edison)

Lab Address: 777 New Durham Road, Edison, NJ

Chain of Custody Record

eurofins

Eurofins' services under this CoC shall be performed in accordance with the T&Cs within BSA #2025-2027-Eurofins by and between Haley & Aldrich, Inc. its subsidiaries and affiliates, and Eurofins and its named affiliates.

Client Information	Sampler: Charlotte Lorthioir	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No:
Client Contact: NP Staten Island Industrial, LLC	Phone: 929-668-7247	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin: NY	Page: ~~1 of~~ 3 of 3
Company: Haley & Aldrich Inc	PWSID:			Job #: 351338
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5 day			
State, Zip: New York, 10001	Compliance Project: Δ Yes Δ No			
Phone: 516-317-9861	PO #: 0213836-003-002-05			
Email: Scommisso@haleyaldrich.com	WO #: 0213836-003-002-05			
Project Name: 41010 Arthur Kill Former Port Mobil	Project #: 46042832			
Site: 4101 Arthur Kill Road, Staten Island, NY	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D TCL VOCs	6020B, 7471B, 8081B, 8082A, 8270E	1633A 1633 Standard list 40	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
ISS-39_0-4	5/19/26	1400	C	S	N	N		X	X	3	23

Preservation Codes:

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other:

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by:		Date/Time: 5/19/26	Company: 16-16	Received by:	05/19/26	Date/Time: 1615	Company
Relinquished by:		Date/Time: 05/19/26	Company: 16-57	Received by:		Date/Time:	Company
Relinquished by:		Date/Time:	Company	Received by:		Date/Time:	Company
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.			Cooler Temperature(s) °C and Other Remarks:			

Ver 07/18/2025

5/27/2026

Eurofins Edison
Receipt Temperature and pH Log

Job Number: 351338

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	7.5 °C	7.5 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	1,4-Dioxane (pH<4)	Other

If pH adjustments are required record the information below:

Sample No(s) adjusted: _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s). _____ Expiration Date _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

EDS-WI-038, Rev 5
9/5/2025

Initials _____ Date 05/19/26

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s): N/A	COC No: 460-77739.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 460-351338-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 5/27/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Former Port Mobil	Project #: 46042832			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_Shake1633 Standard List 40	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
ISS-37_0-4 (460-351338-4)	5/19/26	12:15 Eastern	G	Solid			X	1	
ISS-38_0-4 (460-351338-9)	5/19/26	12:40 Eastern	G	Solid			X	1	
ISS-43_0-4 (460-351338-14)	5/19/26	13:10 Eastern	G	Solid			X	1	
ISS-44_0-4 (460-351338-18)	5/19/26	13:30 Eastern	G	Solid			X	1	
ISS-39_0-4 (460-351338-23)	5/19/26	14:00 Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		5/20/26 16:12	EETEL		5/20/26 16:12	ELLE
2		5/20/26 20:12	ELLE		Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 5/20/26 2027	Company ELLET

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.6/1.7

Ver: 03/20/2026

Login Sample Receipt Checklist

Client: Haley & Aldrich Inc

Job Number: 460-351338-1

Login Number: 351338

List Source: Eurofins Edison

List Number: 1

Creator: Nelson, Rose E

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Haley & Aldrich Inc

Job Number: 460-351338-1

Login Number: 351338
List Number: 2
Creator: Onate, Maggie

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 05/21/26 02:15 AM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Sarah Commisso
Haley & Aldrich Inc
213 West 35th Street, 7th Floor
New York, New York 10001

Generated 6/2/2026 8:49:41 AM

JOB DESCRIPTION

Former Port Mobil

JOB NUMBER

460-351592-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

my EOL

Eurofins Edison

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization



Generated
6/2/2026 8:49:41 AM

Authorized for release by
Elizabeth Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
(732)549-3900

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 6
Detection Summary 9
Client Sample Results 15
Surrogate Summary 57
Isotope Dilution Summary 60
QC Sample Results 62
QC Association Summary 119
Lab Chronicle 125
Certification Summary 132
Method Summary 133
Sample Summary 134
Chain of Custody 135
Receipt Checklists 139

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*	Surrogate is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*	MS or MSD is outside acceptance limits.
E	Compound concentration exceeds the upper level of the calibration range of the instrument for that specific analysis.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*	MS or MSD is outside acceptance limits.
*	Duplicate RPD exceeds control limits
U	Analyzed for but not detected.

LCMS

Qualifier	Qualifier Description
*	MS or MSD is outside acceptance limits.
*	Isotope Dilution analyte is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

Metals

Qualifier	Qualifier Description
*	Duplicate analysis not within control limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Sample result is greater than the MDL but below the CRDL
N	Spiked sample recovery is not within control limits.
U	Indicates analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
460-351592-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 5/21/2026 8:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.5°C and 0.9°C.

Method 8260D - Volatile Organic Compounds by GC/MS
Samples ISS-40_A (460-351592-1), ISS-40_B (460-351592-2), ISS-40_C (460-351592-3), ISS-41_A (460-351592-5), ISS-41_B (460-351592-6), ISS-41_C (460-351592-7), ISS-41_D (460-351592-8), ISS-42_A (460-351592-10), ISS-42_B (460-351592-11), ISS-42_C (460-351592-12), ISS-45_A (460-351592-14), ISS-45_B (460-351592-15), ISS-45_C (460-351592-16) and ISS-45_D (460-351592-17) were analyzed for Volatile Organic Compounds by GC/MS. The samples were prepared on 5/22/2026 and analyzed on 5/24/2026, 5/26/2026, 5/27/2026 and 5/28/2026.

Sample ISS-42_C (460-351592-12)[200x] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The laboratory control sample (LCS) for analytical batch 460-1110219 recovered outside control limits for the following analyte: 1,2,3-Trichlorobenzene. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

The following samples were diluted to bring the concentration of target analytes within the calibration range: ISS-40_A (460-351592-1), ISS-42_C (460-351592-12) and ISS-45_B (460-351592-15). Elevated reporting limits (RLs) are provided.

Internal standard (ISTD) response for 1,4-Dioxane-d8 for the following LCSD in analytical batch 460-1109736 was outside acceptance criteria: (LCSD 460-1109736/8). This ISTD does not correspond to any of the requested target compounds reported from this analytical batch; therefore, the data have been reported.

The continuing calibration verification (CCV) analyzed in batch 460-1109839 was outside the method criteria for the following analytes: 1,2-Dibromo-3-Chloropropane, Bromoform, Carbon tetrachloride, Chlorodibromomethane and Dichlorobromomethane (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1109839 recovered outside control limits for the following analytes: Bromoform, Carbon tetrachloride and Chlorodibromomethane. These analytes were biased low in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Four surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: ISS-45_B (460-351592-15). These results have been reported and qualified.

The continuing calibration verification (CCV) analyzed in batch 460-1109736 was outside the method criteria for the following analyte(s): 1,1,2-Trichloro-1,2,2-trifluoroethane (biased high) and Bromoform (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The laboratory control sample duplicate (LCSD) for analytical batch 460-1109736 recovered outside control limits for the following analytes: Bromoform and Chlorodibromomethane. These analytes were biased low in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1109925 recovered outside control limits for the following analytes: Bromoform, Carbon tetrachloride and Dibromochloromethane. These analytes were biased low in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) analyzed in batch 460-1109925 was outside the method criteria for the following analytes: Bromoform, Carbon tetrachloride, 1,2-Dibromo-3-Chloropropane and Dibromochloromethane (biased low) and Vinyl chloride (biased high). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

The following samples were analyzed outside 12 hr clock. There was insufficient volume to re-analyze.

ISS-41_D (460-351592-8) and ISS-45_C (460-351592-16)

Method 8270E - Semivolatile Organic Compounds (GC/MS)
Samples ISS-40_0-4 (460-351592-4), ISS-41_0-4 (460-351592-9), ISS-42_0-4 (460-351592-13) and ISS-45_0-4 (460-351592-18) were analyzed for Semivolatile Organic Compounds (GC/MS). The samples were prepared on 5/23/2026 and analyzed on 5/23/2026 and 5/24/2026.

The continuing calibration verification (CCV) analyzed in batch 460-1109686 was outside the method criteria for the following analyte(s): Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The laboratory control sample (LCS) for preparation batch 460-1109639 and analytical batch 460-1109686 recovered outside control limits for the following analytes: Caprolactam. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) associated with batch 460-1109686 recovered above the upper control limit for 2,2'-oxybis[1-chloropropane] and Caprolactam. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 460-1109639 and analytical batch 460-1109686 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

The continuing calibration verification (CCV) analyzed in batch 460-1109772 was outside the method criteria for the following analyte(s): Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Samples ISS-40_0-4 (460-351592-4), ISS-41_0-4 (460-351592-9), ISS-42_0-4 (460-351592-13) and ISS-45_0-4 (460-351592-18) were analyzed for Polychlorinated Biphenyls (PCBs) by Gas Chromatography. The samples were prepared on 5/22/2026 and analyzed on 5/26/2026.

Method 8081B - Organochlorine Pesticides (GC)
Samples ISS-40_0-4 (460-351592-4), ISS-41_0-4 (460-351592-9), ISS-42_0-4 (460-351592-13) and ISS-45_0-4 (460-351592-18) were analyzed for Organochlorine Pesticides (GC). The samples were prepared on 5/22/2026 and analyzed on 5/26/2026.

Method 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A
Samples ISS-40_0-4 (460-351592-4), ISS-41_0-4 (460-351592-9), ISS-42_0-4 (460-351592-13) and ISS-45_0-4 (460-351592-18) were analyzed for Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A. The samples were prepared on 5/25/2026 and 5/28/2026 and analyzed on 5/28/2026 and 6/1/2026.

The recovery for labeled isotope(s): 13C2 4:2 FTS, 13C2 6:2 FTS and 13C2 8:2 FTS is outside the QC acceptance limits in the opening instrument sensitivity check standard and the opening continuing calibration verification standard associated with the following samples ISS-40_0-4 (460-351592-4), ISS-41_0-4 (460-351592-9) and ISS-42_0-4 (460-351592-13), biased high. Since the recovery for target analyte is within the limits, the data is reported.

The recovery for labeled isotope: 13C2 4:2 FTS, 13C2 6:2 FTS and 13C2 8:2 FTS is outside the QC acceptance limits in the closing continuing calibration verification standard associated with the following samples ISS-40_0-4 (460-351592-4), ISS-41_0-4 (460-351592-9) and ISS-42_0-4 (460-351592-13), biased high. Since the recovery for target analytes is within the limits, the data is reported.

The labeled isotopes 13C2 4:2 FTS and 13C2 6:2 FTS are outside QC acceptance limits. Since the recovery in sample ISS-40_0-4 (460-351592-4), ISS-41_0-4 (460-351592-9) and ISS-42_0-4 (460-351592-13) is less than 350%, the data is reported.

The labeled isotopes 13C2 8:2 FTS are outside QC acceptance limits. Since the recovery in sample ISS-41_0-4 (460-351592-9) is less than 350%, the data is reported.

The labeled isotopes d3-NMeFOSAA are outside QC acceptance limits. Since the recovery in sample ISS-41_0-4 (460-351592-9) is less than 200%, the data is reported.

The labeled isotopes 13C5 PFPeA are outside QC acceptance limits. Since the recovery in sample ISS-42_0-4 (460-351592-13) is less than 200%, the data is reported.

The recovery for labeled isotope(s) 13C2 PFTeDA were outside QC acceptance criteria in sample ISS-42_0-4 (460-351592-13). Since the labeled isotope recoveries were greater than or equal to 5% and the signal to noise was greater than 10:1, therefore, the data is reported.

Method 6020B - Metals (ICP/MS)
Samples ISS-40_0-4 (460-351592-4), ISS-41_0-4 (460-351592-9), ISS-42_0-4 (460-351592-13) and ISS-45_0-4 (460-351592-18) were analyzed for Metals (ICP/MS). The samples were prepared on 5/23/2026 and analyzed on 5/26/2026.

Method 7471B - Mercury (CVAA)
Samples ISS-40_0-4 (460-351592-4), ISS-41_0-4 (460-351592-9), ISS-42_0-4 (460-351592-13) and ISS-45_0-4 (460-351592-18) were analyzed for Mercury (CVAA). The samples were prepared and analyzed on 5/28/2026.

Method Moisture - Percent Moisture
Samples ISS-40_A (460-351592-1), ISS-40_B (460-351592-2), ISS-40_C (460-351592-3), ISS-40_0-4 (460-351592-4), ISS-41_A (460-351592-5), ISS-41_B (460-351592-6), ISS-41_C (460-351592-7), ISS-41_D (460-351592-8), ISS-41_0-4 (460-351592-9), ISS-42_A (460-351592-10), ISS-42_B (460-351592-11), ISS-42_C (460-351592-12), ISS-42_0-4 (460-351592-13), ISS-45_A (460-351592-14), ISS-45_B (460-351592-15), ISS-45_C (460-351592-16), ISS-45_D (460-351592-17) and ISS-45_0-4 (460-351592-18) were analyzed for Percent Moisture. The samples were analyzed on 5/22/2026 and 5/26/2026.

Detection Summary

Client: Haley & Aldrich Inc
Project/Site: Former Port Mobil

Job ID: 460-351592-1

Client Sample ID: ISS-40_A — Lab Sample ID: 460-351592-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	2.3		0.076	0.017	mg/Kg	50	☼	8260D	Total/NA
1,3,5-Trimethylbenzene	0.96		0.076	0.019	mg/Kg	50	☼	8260D	Total/NA
Ethylbenzene	0.41		0.076	0.023	mg/Kg	50	☼	8260D	Total/NA
Isopropylbenzene	0.071	J	0.076	0.024	mg/Kg	50	☼	8260D	Total/NA
Methyl acetate	3.1		0.38	0.059	mg/Kg	50	☼	8260D	Total/NA
Methylcyclohexane	0.25		0.076	0.055	mg/Kg	50	☼	8260D	Total/NA
m-Xylene & p-Xylene	1.8		0.076	0.021	mg/Kg	50	☼	8260D	Total/NA
n-Butylbenzene	0.22		0.076	0.020	mg/Kg	50	☼	8260D	Total/NA
N-Propylbenzene	0.37		0.076	0.022	mg/Kg	50	☼	8260D	Total/NA
o-Xylene	0.71		0.076	0.024	mg/Kg	50	☼	8260D	Total/NA
sec-Butylbenzene	0.068	J	0.076	0.023	mg/Kg	50	☼	8260D	Total/NA
Toluene	0.18		0.076	0.019	mg/Kg	50	☼	8260D	Total/NA
Xylenes, Total	2.5		0.15	0.021	mg/Kg	50	☼	8260D	Total/NA

Client Sample ID: ISS-40_B — Lab Sample ID: 460-351592-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.0023		0.00068	0.00017	mg/Kg	1	☼	8260D	Total/NA
1,3,5-Trimethylbenzene	0.0043		0.00068	0.00021	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.0063		0.0041	0.0039	mg/Kg	1	☼	8260D	Total/NA
Carbon disulfide	0.00093		0.00068	0.00018	mg/Kg	1	☼	8260D	Total/NA
Ethylbenzene	0.00064	J	0.00068	0.00032	mg/Kg	1	☼	8260D	Total/NA
Methylcyclohexane	0.0031		0.00068	0.00034	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.0034		0.00068	0.00029	mg/Kg	1	☼	8260D	Total/NA
n-Butylbenzene	0.00058	J	0.00068	0.00020	mg/Kg	1	☼	8260D	Total/NA
N-Propylbenzene	0.00036	J	0.00068	0.00031	mg/Kg	1	☼	8260D	Total/NA
o-Xylene	0.0018		0.00068	0.00031	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.0015		0.00068	0.00016	mg/Kg	1	☼	8260D	Total/NA
Xylenes, Total	0.0052		0.0014	0.00029	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: ISS-40_C — Lab Sample ID: 460-351592-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylcyclohexane	0.0010		0.00092	0.00046	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: ISS-40_0-4 — Lab Sample ID: 460-351592-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.015	J	0.37	0.0055	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.0084	J	0.037	0.0035	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.0043	J	0.37	0.0041	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.010	J	0.37	0.0063	mg/Kg	1	☼	8270E	Total/NA
Perfluorooctanoic acid (PFOA)	0.086	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.51		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.21		0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	2.97		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.53		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Aluminum	4100		22.6	6.2	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.13	J	1.1	0.068	mg/Kg	1	☼	6020B	Total/NA
Arsenic	4.8		1.1	0.12	mg/Kg	1	☼	6020B	Total/NA
Barium	16.6		2.3	0.16	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.44	J	0.45	0.025	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Client Sample ID: ISS-40_0-4 (Continued)

Lab Sample ID: 460-351592-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	1640		113	11.0	mg/Kg	1	☼	6020B	Total/NA
Chromium	49.6		2.3	0.34	mg/Kg	1	☼	6020B	Total/NA
Cobalt	2.4		1.1	0.17	mg/Kg	1	☼	6020B	Total/NA
Copper	23.6		2.3	0.42	mg/Kg	1	☼	6020B	Total/NA
Iron	11600		67.9	8.7	mg/Kg	1	☼	6020B	Total/NA
Lead	64.8		0.68	0.23	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1030		113	11.5	mg/Kg	1	☼	6020B	Total/NA
Manganese	58.0		4.5	0.46	mg/Kg	1	☼	6020B	Total/NA
Nickel	8.3		2.3	0.20	mg/Kg	1	☼	6020B	Total/NA
Potassium	818		113	7.0	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.23	J	1.4	0.14	mg/Kg	1	☼	6020B	Total/NA
Sodium	60.9	J	113	19.6	mg/Kg	1	☼	6020B	Total/NA
Vanadium	15.2		2.3	0.23	mg/Kg	1	☼	6020B	Total/NA
Zinc	65.4		9.1	1.2	mg/Kg	1	☼	6020B	Total/NA

Client Sample ID: ISS-41_A

Lab Sample ID: 460-351592-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.027		0.00074	0.00018	mg/Kg	1	☼	8260D	Total/NA
1,3,5-Trimethylbenzene	0.010		0.00074	0.00023	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.020		0.0045	0.0043	mg/Kg	1	☼	8260D	Total/NA
Benzene	0.00088		0.00074	0.00042	mg/Kg	1	☼	8260D	Total/NA
Ethylbenzene	0.0068		0.00074	0.00035	mg/Kg	1	☼	8260D	Total/NA
Isopropylbenzene	0.0013		0.00074	0.00021	mg/Kg	1	☼	8260D	Total/NA
Methylcyclohexane	0.0081		0.00074	0.00037	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.024		0.00074	0.00031	mg/Kg	1	☼	8260D	Total/NA
n-Butylbenzene	0.0019		0.00074	0.00022	mg/Kg	1	☼	8260D	Total/NA
N-Propylbenzene	0.0040		0.00074	0.00033	mg/Kg	1	☼	8260D	Total/NA
o-Xylene	0.012		0.00074	0.00034	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.0055		0.00074	0.00017	mg/Kg	1	☼	8260D	Total/NA
Xylenes, Total	0.036		0.0015	0.00031	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: ISS-41_B

Lab Sample ID: 460-351592-6

No Detections.

Client Sample ID: ISS-41_C

Lab Sample ID: 460-351592-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0012	J	0.0038	0.00028	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.0054		0.0045	0.0043	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: ISS-41_D

Lab Sample ID: 460-351592-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.00038	J	0.00076	0.00019	mg/Kg	1	☼	8260D	Total/NA
Benzene	0.00075	J	0.00076	0.00043	mg/Kg	1	☼	8260D	Total/NA
Cyclohexane	0.0046		0.00076	0.00017	mg/Kg	1	☼	8260D	Total/NA
Ethylbenzene	0.00045	J	0.00076	0.00035	mg/Kg	1	☼	8260D	Total/NA
Methylcyclohexane	0.0035		0.00076	0.00038	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.0011		0.00076	0.00032	mg/Kg	1	☼	8260D	Total/NA
o-Xylene	0.00047	J	0.00076	0.00035	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00070	J	0.00076	0.00018	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: ISS-41_D (Continued)

Lab Sample ID: 460-351592-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Xylenes, Total	0.0016		0.0015	0.00032	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: ISS-41_0-4

Lab Sample ID: 460-351592-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.023	J	0.38	0.0055	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.15		0.038	0.0069	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.091		0.038	0.0056	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.22	J	0.38	0.0063	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.028	J	0.038	0.0078	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.0083	J	0.38	0.0030	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.024	J	0.38	0.0064	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.24	J	0.38	0.0061	mg/Kg	1	☼	8270E	Total/NA
Perfluorononanoic acid (PFNA)	0.61		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.17	J	0.20	0.060	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.99		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.70		0.20	0.099	ug/Kg	1	☼	1633A	Total/NA
Aluminum	7260		21.6	5.9	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.84	J	1.1	0.065	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.6		1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	63.5		2.2	0.16	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.58		0.43	0.024	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.30	J	0.54	0.12	mg/Kg	1	☼	6020B	Total/NA
Calcium	2020		108	10.5	mg/Kg	1	☼	6020B	Total/NA
Chromium	23.3		2.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.7		1.1	0.16	mg/Kg	1	☼	6020B	Total/NA
Copper	40.6		2.2	0.40	mg/Kg	1	☼	6020B	Total/NA
Iron	18200		64.8	8.3	mg/Kg	1	☼	6020B	Total/NA
Lead	102		0.65	0.22	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2700		108	11.0	mg/Kg	1	☼	6020B	Total/NA
Manganese	264		4.3	0.43	mg/Kg	1	☼	6020B	Total/NA
Nickel	14.5		2.2	0.19	mg/Kg	1	☼	6020B	Total/NA
Potassium	1100		108	6.7	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.39	J	1.3	0.14	mg/Kg	1	☼	6020B	Total/NA
Silver	0.27	J	0.43	0.096	mg/Kg	1	☼	6020B	Total/NA
Sodium	92.7	J	108	18.7	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.099	J	0.43	0.044	mg/Kg	1	☼	6020B	Total/NA
Vanadium	23.8		2.2	0.22	mg/Kg	1	☼	6020B	Total/NA
Zinc	73.4		8.6	1.2	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.035		0.019	0.0065	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: ISS-42_A

Lab Sample ID: 460-351592-10

No Detections.

Client Sample ID: ISS-42_B

Lab Sample ID: 460-351592-11

No Detections.

Client Sample ID: ISS-42_C

Lab Sample ID: 460-351592-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	12		0.36	0.082	mg/Kg	200	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: ISS-42_C (Continued)

Lab Sample ID: 460-351592-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3,5-Trimethylbenzene	2.4		0.36	0.089	mg/Kg	200	☼	8260D	Total/NA
Cyclohexane	4.9		0.36	0.093	mg/Kg	200	☼	8260D	Total/NA
Ethylbenzene	1.7		0.36	0.11	mg/Kg	200	☼	8260D	Total/NA
Isopropylbenzene	6.3		0.36	0.11	mg/Kg	200	☼	8260D	Total/NA
Methylcyclohexane	99		0.36	0.26	mg/Kg	200	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.51		0.36	0.10	mg/Kg	200	☼	8260D	Total/NA
n-Butylbenzene	6.1		0.36	0.096	mg/Kg	200	☼	8260D	Total/NA
N-Propylbenzene	7.1		0.36	0.10	mg/Kg	200	☼	8260D	Total/NA
sec-Butylbenzene	4.2		0.36	0.11	mg/Kg	200	☼	8260D	Total/NA
tert-Butylbenzene	1.1		0.36	0.10	mg/Kg	200	☼	8260D	Total/NA
Xylenes, Total	0.51	J	0.71	0.10	mg/Kg	200	☼	8260D	Total/NA

Client Sample ID: ISS-42_0-4

Lab Sample ID: 460-351592-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.040	J	0.36	0.0053	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.041	J	0.36	0.0029	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.015	J	0.36	0.0061	mg/Kg	1	☼	8270E	Total/NA
Perfluorononanoic acid (PFNA)	0.24		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.074	J	0.20	0.059	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.14		0.20	0.098	ug/Kg	1	☼	1633A	Total/NA
Aluminum	3480		20.3	5.6	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.28	J	1.0	0.061	mg/Kg	1	☼	6020B	Total/NA
Arsenic	4.5		1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	21.7		2.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.31	J	0.41	0.022	mg/Kg	1	☼	6020B	Total/NA
Calcium	470		101	9.9	mg/Kg	1	☼	6020B	Total/NA
Chromium	7.6		2.0	0.30	mg/Kg	1	☼	6020B	Total/NA
Cobalt	2.9		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	19.2		2.0	0.37	mg/Kg	1	☼	6020B	Total/NA
Iron	10700		60.9	7.8	mg/Kg	1	☼	6020B	Total/NA
Lead	16.1		0.61	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	792		101	10.3	mg/Kg	1	☼	6020B	Total/NA
Manganese	87.4		4.1	0.41	mg/Kg	1	☼	6020B	Total/NA
Nickel	5.3		2.0	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	512		101	6.3	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.17	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Sodium	41.4	J	101	17.5	mg/Kg	1	☼	6020B	Total/NA
Vanadium	12.6		2.0	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	22.2		8.1	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.019		0.016	0.0058	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: ISS-45_A

Lab Sample ID: 460-351592-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0067		0.0041	0.0039	mg/Kg	1	☼	8260D	Total/NA
Methylcyclohexane	0.00057	J	0.00068	0.00034	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: ISS-45_B

Lab Sample ID: 460-351592-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.0069		0.0010	0.00025	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: ISS-45_B (Continued)

Lab Sample ID: 460-351592-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3,5-Trimethylbenzene	0.0097		0.0010	0.00032	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.043		0.0061	0.0059	mg/Kg	1	☼	8260D	Total/NA
Carbon disulfide	0.00076	J	0.0010	0.00027	mg/Kg	1	☼	8260D	Total/NA
Cyclohexane	0.054		0.0010	0.00023	mg/Kg	1	☼	8260D	Total/NA
Ethylbenzene	0.0018		0.0010	0.00048	mg/Kg	1	☼	8260D	Total/NA
Isopropylbenzene	0.0065		0.0010	0.00029	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.0047		0.0010	0.00043	mg/Kg	1	☼	8260D	Total/NA
n-Butylbenzene	0.014		0.0010	0.00030	mg/Kg	1	☼	8260D	Total/NA
N-Propylbenzene	0.0088		0.0010	0.00046	mg/Kg	1	☼	8260D	Total/NA
o-Xylene	0.0041		0.0010	0.00047	mg/Kg	1	☼	8260D	Total/NA
sec-Butylbenzene	0.0094		0.0010	0.00029	mg/Kg	1	☼	8260D	Total/NA
tert-Butylbenzene	0.0025		0.0010	0.00028	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00092	J	0.0010	0.00024	mg/Kg	1	☼	8260D	Total/NA
Xylenes, Total	0.0089		0.0020	0.00043	mg/Kg	1	☼	8260D	Total/NA
Methylcyclohexane - DL	0.94		0.11	0.079	mg/Kg	50	☼	8260D	Total/NA

Client Sample ID: ISS-45_C

Lab Sample ID: 460-351592-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.00052	J	0.0010	0.00026	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.0077		0.0062	0.0059	mg/Kg	1	☼	8260D	Total/NA
Carbon disulfide	0.0024		0.0010	0.00028	mg/Kg	1	☼	8260D	Total/NA
Methylcyclohexane	0.0017		0.0010	0.00052	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.00070	J	0.0010	0.00044	mg/Kg	1	☼	8260D	Total/NA
Xylenes, Total	0.00070	J	0.0021	0.00044	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: ISS-45_D

Lab Sample ID: 460-351592-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.032		0.0010	0.00025	mg/Kg	1	☼	8260D	Total/NA
1,3,5-Trimethylbenzene	0.020		0.0010	0.00032	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.0035	J	0.0051	0.00038	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.020		0.0061	0.0058	mg/Kg	1	☼	8260D	Total/NA
Carbon disulfide	0.0027		0.0010	0.00027	mg/Kg	1	☼	8260D	Total/NA
Ethylbenzene	0.0014		0.0010	0.00048	mg/Kg	1	☼	8260D	Total/NA
Methylcyclohexane	0.0013		0.0010	0.00051	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.0070		0.0010	0.00043	mg/Kg	1	☼	8260D	Total/NA
n-Butylbenzene	0.0030		0.0010	0.00030	mg/Kg	1	☼	8260D	Total/NA
N-Propylbenzene	0.0013		0.0010	0.00046	mg/Kg	1	☼	8260D	Total/NA
o-Xylene	0.0058		0.0010	0.00047	mg/Kg	1	☼	8260D	Total/NA
sec-Butylbenzene	0.00064	J	0.0010	0.00029	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00096	J	0.0010	0.00024	mg/Kg	1	☼	8260D	Total/NA
Xylenes, Total	0.013		0.0020	0.00043	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: ISS-45_0-4

Lab Sample ID: 460-351592-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.019	J	0.39	0.0057	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.0091	J	0.39	0.0071	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.026	J	0.39	0.0066	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.019	J	0.39	0.0063	mg/Kg	1	☼	8270E	Total/NA
Perfluorononanoic acid (PFNA)	0.49		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: ISS-45_0-4 (Continued)

Lab Sample ID: 460-351592-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorodecanoic acid (PFDA)	0.11	J	0.19	0.058	ug/Kg	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.45		0.19	0.097	ug/Kg	1	☼	1633A	Total/NA
Aluminum	4640		20.8	5.7	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.21	J	1.0	0.062	mg/Kg	1	☼	6020B	Total/NA
Arsenic	4.1		1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	26.2		2.1	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.34	J	0.42	0.023	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.13	J	0.52	0.12	mg/Kg	1	☼	6020B	Total/NA
Calcium	3240		104	10.1	mg/Kg	1	☼	6020B	Total/NA
Chromium	13.1		2.1	0.31	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.2		1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	15.3		2.1	0.38	mg/Kg	1	☼	6020B	Total/NA
Iron	12200		62.3	7.9	mg/Kg	1	☼	6020B	Total/NA
Lead	32.4		0.62	0.21	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1330		104	10.6	mg/Kg	1	☼	6020B	Total/NA
Manganese	114		4.2	0.42	mg/Kg	1	☼	6020B	Total/NA
Nickel	7.4		2.1	0.18	mg/Kg	1	☼	6020B	Total/NA
Potassium	733		104	6.4	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.21	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Sodium	62.3	J	104	18.0	mg/Kg	1	☼	6020B	Total/NA
Vanadium	14.8		2.1	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	40.2		8.3	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.012	J	0.020	0.0069	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Haley & Aldrich Inc
Job ID: 460-351592-1
Project/Site: Former Port Mobil

Client Sample ID: ISS-40_A
Lab Sample ID: 460-351592-1
Date Collected: 05/21/26 12:00
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 89.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.076	U	0.076	0.021	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
1,1,2,2-Tetrachloroethane	0.076	U	0.076	0.015	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.076	U	0.076	0.026	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
1,1,2-Trichloroethane	0.076	U	0.076	0.015	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
1,1-Dichloroethane	0.076	U	0.076	0.018	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
1,1-Dichloroethene	0.076	U	0.076	0.020	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
1,2,3-Trichlorobenzene	0.076	U *	0.076	0.027	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
1,2,4-Trichlorobenzene	0.076	U	0.076	0.020	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
1,2,4-Trimethylbenzene	**2.3**		0.076	0.017	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
1,2-Dibromo-3-Chloropropane	0.076	U	0.076	0.016	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
1,2-Dichlorobenzene	0.076	U	0.076	0.017	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
1,2-Dichloroethane	0.076	U	0.076	0.019	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
1,2-Dichloropropane	0.076	U	0.076	0.014	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
1,3,5-Trimethylbenzene	**0.96**		0.076	0.019	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
1,3-Dichlorobenzene	0.076	U	0.076	0.025	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
1,4-Dichlorobenzene	0.076	U	0.076	0.025	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
2-Butanone (MEK)	0.38	U	0.38	0.17	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
2-Hexanone	0.38	U	0.38	0.086	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
4-Methyl-2-pentanone (MIBK)	0.38	U	0.38	0.099	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
Acetone	0.38	U	0.38	0.33	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
Benzene	0.076	U	0.076	0.015	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
Bromoform	0.076	U	0.076	0.014	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
Bromomethane	0.076	U	0.076	0.042	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
Carbon disulfide	0.076	U	0.076	0.051	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
Carbon tetrachloride	0.076	U	0.076	0.025	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
Chlorobenzene	0.076	U	0.076	0.018	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
Chlorobromomethane	0.076	U	0.076	0.023	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
Chlorodibromomethane	0.076	U	0.076	0.017	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
Chloroethane	0.076	U	0.076	0.028	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
Chloroform	0.076	U	0.076	0.017	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
Chloromethane	0.076	U	0.076	0.030	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
cis-1,2-Dichloroethene	0.076	U	0.076	0.020	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
cis-1,3-Dichloropropene	0.076	U	0.076	0.017	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
Cyclohexane	0.076	U	0.076	0.020	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
Dichlorobromomethane	0.076	U	0.076	0.011	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
Dichlorodifluoromethane	0.076	U	0.076	0.023	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
Ethylbenzene	**0.41**		0.076	0.023	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
Ethylene Dibromide	0.076	U	0.076	0.014	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
Isopropylbenzene	**0.071**	**J**	0.076	0.024	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
Methyl acetate	**3.1**		0.38	0.059	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
Methyl tert-butyl ether	0.076	U	0.076	0.016	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
Methylcyclohexane	**0.25**		0.076	0.055	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
Methylene Chloride	0.076	U	0.076	0.016	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
m-Xylene & p-Xylene	**1.8**		0.076	0.021	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
n-Butylbenzene	**0.22**		0.076	0.020	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
N-Propylbenzene	**0.37**		0.076	0.022	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
o-Xylene	**0.71**		0.076	0.024	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
sec-Butylbenzene	**0.068**	**J**	0.076	0.023	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
Styrene	0.076	U	0.076	0.013	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50

Client Sample ID: ISS-40_A
Lab Sample ID: 460-351592-1

Date Collected: 05/21/26 12:00
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 89.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.076	U	0.076	0.021	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
Tetrachloroethene	0.076	U	0.076	0.027	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
Toluene	**0.18**		0.076	0.019	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
trans-1,2-Dichloroethene	0.076	U	0.076	0.014	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
trans-1,3-Dichloropropene	0.076	U	0.076	0.017	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
Trichloroethene	0.076	U	0.076	0.017	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
Trichlorofluoromethane	0.076	U	0.076	0.024	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
Vinyl chloride	0.076	U	0.076	0.015	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50
Xylenes, Total	**2.5**		0.15	0.021	mg/Kg	☼	05/22/26 17:49	05/28/26 12:05	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*60 - 150*	*05/22/26 17:49*	*05/28/26 12:05*	*50*
4-Bromofluorobenzene	*105*		*70 - 150*	*05/22/26 17:49*	*05/28/26 12:05*	*50*
Dibromofluoromethane (Surr)	*98*		*68 - 150*	*05/22/26 17:49*	*05/28/26 12:05*	*50*
Toluene-d8 (Surr)	*99*		*64 - 157*	*05/22/26 17:49*	*05/28/26 12:05*	*50*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.4**		1.0	1.0	%			05/22/26 16:57	1
Percent Solids (EPA Moisture)	**89.6**		1.0	1.0	%			05/22/26 16:57	1

Client Sample ID: ISS-40_B
Lab Sample ID: 460-351592-2

Date Collected: 05/21/26 12:05
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 87.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00068	U	0.00068	0.00016	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
1,1,2,2-Tetrachloroethane	0.00068	U	0.00068	0.00036	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00068	U	0.00068	0.00020	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
1,1,2-Trichloroethane	0.00068	U	0.00068	0.00041	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
1,1-Dichloroethane	0.00068	U	0.00068	0.00041	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
1,1-Dichloroethene	0.00068	U	0.00068	0.00015	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
1,2,3-Trichlorobenzene	0.00068	U	0.00068	0.00050	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
1,2,4-Trichlorobenzene	0.00068	U	0.00068	0.00024	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
1,2,4-Trimethylbenzene	**0.0023**		0.00068	0.00017	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
1,2-Dibromo-3-Chloropropane	0.00068	U	0.00068	0.00031	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
1,2-Dichlorobenzene	0.00068	U	0.00068	0.00025	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
1,2-Dichloroethane	0.00068	U	0.00068	0.00020	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
1,2-Dichloropropane	0.00068	U	0.00068	0.00029	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
1,3,5-Trimethylbenzene	**0.0043**		0.00068	0.00021	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
1,3-Dichlorobenzene	0.00068	U	0.00068	0.00025	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
1,4-Dichlorobenzene	0.00068	U	0.00068	0.00035	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
2-Butanone (MEK)	0.0034	U	0.0034	0.00025	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
2-Hexanone	0.0034	U	0.0034	0.0012	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
4-Methyl-2-pentanone (MIBK)	0.0034	U	0.0034	0.0011	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
Acetone	**0.0063**		0.0041	0.0039	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
Benzene	0.00068	U	0.00068	0.00039	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
Bromoform	0.00068	U *	0.00068	0.00029	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
Bromomethane	0.0014	U	0.0014	0.00068	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1

Client Sample ID: ISS-40_B
Date Collected: 05/21/26 12:05
Date Received: 05/21/26 20:00

Lab Sample ID: 460-351592-2
Matrix: Solid
Percent Solids: 87.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	**0.00093**		0.00068	0.00018	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
Carbon tetrachloride	0.00068	U	0.00068	0.00026	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
Chlorobenzene	0.00068	U	0.00068	0.00035	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
Chlorobromomethane	0.00068	U	0.00068	0.00041	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
Chlorodibromomethane	0.00068	U *	0.00068	0.00037	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
Chloroethane	0.00068	U	0.00068	0.00036	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
Chloroform	0.00068	U	0.00068	0.00066	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
Chloromethane	0.00068	U	0.00068	0.00030	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
cis-1,2-Dichloroethene	0.00068	U	0.00068	0.00024	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
cis-1,3-Dichloropropene	0.00068	U	0.00068	0.00019	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
Cyclohexane	0.00068	U	0.00068	0.00015	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
Dichlorobromomethane	0.00068	U	0.00068	0.00017	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
Dichlorodifluoromethane	0.00068	U	0.00068	0.00023	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
Ethylbenzene	**0.00064**	**J**	0.00068	0.00032	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
Ethylene Dibromide	0.00068	U	0.00068	0.00034	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
Isopropylbenzene	0.00068	U	0.00068	0.00019	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
Methyl acetate	0.0034	U	0.0034	0.0029	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
Methyl tert-butyl ether	0.00068	U	0.00068	0.00035	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
Methylcyclohexane	**0.0031**		0.00068	0.00034	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
Methylene Chloride	0.0014	U	0.0014	0.00078	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
m-Xylene & p-Xylene	**0.0034**		0.00068	0.00029	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
n-Butylbenzene	**0.00058**	**J**	0.00068	0.00020	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
N-Propylbenzene	**0.00036**	**J**	0.00068	0.00031	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
o-Xylene	**0.0018**		0.00068	0.00031	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
sec-Butylbenzene	0.00068	U	0.00068	0.00020	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
Styrene	0.00068	U	0.00068	0.00019	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
tert-Butylbenzene	0.00068	U	0.00068	0.00019	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
Tetrachloroethene	0.00068	U	0.00068	0.00021	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
Toluene	**0.0015**		0.00068	0.00016	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
trans-1,2-Dichloroethene	0.00068	U	0.00068	0.00017	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
trans-1,3-Dichloropropene	0.00068	U	0.00068	0.00018	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
Trichloroethene	0.00068	U	0.00068	0.00022	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
Trichlorofluoromethane	0.00068	U	0.00068	0.00028	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
Vinyl chloride	0.00068	U	0.00068	0.00037	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1
Xylenes, Total	**0.0052**		0.0014	0.00029	mg/Kg	☼	05/22/26 18:03	05/24/26 10:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*	*05/22/26 18:03*	*05/24/26 10:49*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*	*05/22/26 18:03*	*05/24/26 10:49*	*1*
Dibromofluoromethane (Surr)	*102*		*65 - 139*	*05/22/26 18:03*	*05/24/26 10:49*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*05/22/26 18:03*	*05/24/26 10:49*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.5**		1.0	1.0	%			05/22/26 16:57	1
Percent Solids (EPA Moisture)	**87.5**		1.0	1.0	%			05/22/26 16:57	1

Client Sample ID: ISS-40_C
Date Collected: 05/21/26 12:10
Date Received: 05/21/26 20:00

Lab Sample ID: 460-351592-3
Matrix: Solid
Percent Solids: 87.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00092	U	0.00092	0.00021	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
1,1,2,2-Tetrachloroethane	0.00092	U	0.00092	0.00048	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00092	U	0.00092	0.00028	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
1,1,2-Trichloroethane	0.00092	U	0.00092	0.00055	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
1,1-Dichloroethane	0.00092	U	0.00092	0.00055	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
1,1-Dichloroethene	0.00092	U	0.00092	0.00021	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
1,2,3-Trichlorobenzene	0.00092	U	0.00092	0.00068	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
1,2,4-Trichlorobenzene	0.00092	U	0.00092	0.00033	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
1,2,4-Trimethylbenzene	0.00092	U	0.00092	0.00023	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
1,2-Dibromo-3-Chloropropane	0.00092	U	0.00092	0.00042	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
1,2-Dichlorobenzene	0.00092	U	0.00092	0.00033	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
1,2-Dichloroethane	0.00092	U	0.00092	0.00027	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
1,2-Dichloropropane	0.00092	U	0.00092	0.00039	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
1,3,5-Trimethylbenzene	0.00092	U	0.00092	0.00029	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
1,3-Dichlorobenzene	0.00092	U	0.00092	0.00034	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
1,4-Dichlorobenzene	0.00092	U	0.00092	0.00048	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
2-Butanone (MEK)	0.0046	U	0.0046	0.00034	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
2-Hexanone	0.0046	U	0.0046	0.0016	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
4-Methyl-2-pentanone (MIBK)	0.0046	U	0.0046	0.0014	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
Acetone	0.0055	U	0.0055	0.0053	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
Benzene	0.00092	U	0.00092	0.00052	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
Bromoform	0.00092	U *	0.00092	0.00039	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
Bromomethane	0.0018	U	0.0018	0.00092	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
Carbon disulfide	0.00092	U	0.00092	0.00025	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
Carbon tetrachloride	0.00092	U	0.00092	0.00036	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
Chlorobenzene	0.00092	U	0.00092	0.00047	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
Chlorobromomethane	0.00092	U	0.00092	0.00055	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
Chlorodibromomethane	0.00092	U *	0.00092	0.00050	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
Chloroethane	0.00092	U	0.00092	0.00048	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
Chloroform	0.00092	U	0.00092	0.00090	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
Chloromethane	0.00092	U	0.00092	0.00040	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
cis-1,2-Dichloroethene	0.00092	U	0.00092	0.00033	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
cis-1,3-Dichloropropene	0.00092	U	0.00092	0.00025	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
Cyclohexane	0.00092	U	0.00092	0.00020	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
Dichlorobromomethane	0.00092	U	0.00092	0.00024	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
Dichlorodifluoromethane	0.00092	U	0.00092	0.00031	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
Ethylbenzene	0.00092	U	0.00092	0.00043	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
Ethylene Dibromide	0.00092	U	0.00092	0.00046	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
Isopropylbenzene	0.00092	U	0.00092	0.00026	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
Methyl acetate	0.0046	U	0.0046	0.0040	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
Methyl tert-butyl ether	0.00092	U	0.00092	0.00047	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
Methylcyclohexane	**0.0010**		0.00092	0.00046	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
Methylene Chloride	0.0018	U	0.0018	0.0011	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
m-Xylene & p-Xylene	0.00092	U	0.00092	0.00039	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
n-Butylbenzene	0.00092	U	0.00092	0.00027	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
N-Propylbenzene	0.00092	U	0.00092	0.00041	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
o-Xylene	0.00092	U	0.00092	0.00043	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
sec-Butylbenzene	0.00092	U	0.00092	0.00027	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
Styrene	0.00092	U	0.00092	0.00026	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1

Client Sample ID: ISS-40_C
Lab Sample ID: 460-351592-3

Date Collected: 05/21/26 12:10
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 87.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00092	U	0.00092	0.00025	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
Tetrachloroethene	0.00092	U	0.00092	0.00028	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
Toluene	0.00092	U	0.00092	0.00022	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
trans-1,2-Dichloroethene	0.00092	U	0.00092	0.00023	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
trans-1,3-Dichloropropene	0.00092	U	0.00092	0.00025	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
Trichloroethene	0.00092	U	0.00092	0.00030	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
Trichlorofluoromethane	0.00092	U	0.00092	0.00037	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
Vinyl chloride	0.00092	U	0.00092	0.00050	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1
Xylenes, Total	0.0018	U	0.0018	0.00039	mg/Kg	☼	05/22/26 18:04	05/24/26 11:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*	*05/22/26 18:04*	*05/24/26 11:17*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*05/22/26 18:04*	*05/24/26 11:17*	*1*
Dibromofluoromethane (Surr)	*102*		*65 - 139*	*05/22/26 18:04*	*05/24/26 11:17*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*05/22/26 18:04*	*05/24/26 11:17*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.3**		1.0	1.0	%			05/22/26 16:57	1
Percent Solids (EPA Moisture)	**87.7**		1.0	1.0	%			05/22/26 16:57	1

Client Sample ID: ISS-40_0-4
Lab Sample ID: 460-351592-4

Date Collected: 05/21/26 12:15
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 88.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.37	U	0.37	0.0033	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.0083	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
1,4-Dioxane	0.037	U	0.037	0.029	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.017	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.0072	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.017	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.012	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
2,4-Dichlorophenol	0.15	U	0.15	0.023	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
2,4-Dimethylphenol	0.37	U	0.37	0.020	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
2,4-Dinitrophenol	0.30	U	0.30	0.14	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
2,4-Dinitrotoluene	0.076	U	0.076	0.014	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
2,6-Dinitrotoluene	0.076	U	0.076	0.013	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
2-Chloronaphthalene	0.37	U	0.37	0.0041	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
2-Chlorophenol	0.37	U	0.37	0.0096	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
2-Methylnaphthalene	**0.015**	**J**	0.37	0.0055	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
2-Methylphenol	0.23	U	0.23	0.011	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
2-Nitroaniline	0.37	U	0.37	0.022	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
2-Nitrophenol	0.37	U	0.37	0.022	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
3 & 4 Methylphenol	0.23	U	0.23	0.023	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.015	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
3-Nitroaniline	0.37	U	0.37	0.026	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.025	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.0069	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1

Client: Haley & Aldrich Inc
Job ID: 460-351592-1
Project/Site: Former Port Mobil

Client Sample ID: ISS-40_0-4
Lab Sample ID: 460-351592-4
Date Collected: 05/21/26 12:15
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 88.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloro-3-methylphenol	0.37	U	0.37	0.017	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
4-Chloroaniline	0.37	U	0.37	0.017	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.0099	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
4-Methylphenol	0.37	U	0.37	0.019	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
4-Nitroaniline	0.37	U	0.37	0.024	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
4-Nitrophenol	0.76	U	0.76	0.048	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
Acenaphthene	0.37	U	0.37	0.0055	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
Acenaphthylene	0.37	U	0.37	0.0046	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
Acetophenone	0.37	U	0.37	0.016	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
Anthracene	0.37	U	0.37	0.0037	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
Atrazine	0.15	U	0.15	0.0098	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
Benzaldehyde	0.37	U	0.37	0.016	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
Benzo[a]anthracene	**0.0084**	**J**	0.037	0.0035	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
Benzo[a]pyrene	0.037	U	0.037	0.0068	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
Benzo[b]fluoranthene	0.037	U	0.037	0.0056	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
Benzo[g,h,i]perylene	0.37	U	0.37	0.0062	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
Benzo[k]fluoranthene	0.037	U	0.037	0.0056	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.017	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.017	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.013	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
Butyl benzyl phthalate	0.37	U	0.37	0.013	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
Caprolactam	0.37	U *	0.37	0.023	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
Carbazole	0.37	U	0.37	0.010	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
Chrysene	**0.0043**	**J**	0.37	0.0041	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
Dibenz(a,h)anthracene	0.037	U	0.037	0.0078	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
Dibenzofuran	0.37	U	0.37	0.0059	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
Diethyl phthalate	0.37	U	0.37	0.0064	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
Dimethyl phthalate	0.37	U	0.37	0.0044	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
Di-n-butyl phthalate	0.37	U	0.37	0.0093	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
Di-n-octyl phthalate	0.37	U	0.37	0.016	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
Fluoranthene	0.37	U	0.37	0.0067	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
Fluorene	0.37	U	0.37	0.0069	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
Hexachlorobenzene	0.037	U	0.037	0.0070	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
Hexachlorobutadiene	0.076	U	0.076	0.0071	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.021	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
Hexachloroethane	0.037	U	0.037	0.0097	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
Indeno[1,2,3-cd]pyrene	0.037	U	0.037	0.025	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
Isophorone	0.15	U	0.15	0.0087	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
Naphthalene	0.37	U	0.37	0.0030	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
Nitrobenzene	0.037	U	0.037	0.017	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.017	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.0066	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
Pentachlorophenol	0.30	U	0.30	0.025	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
Phenanthrene	**0.010**	**J**	0.37	0.0063	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
Phenol	0.23	U	0.23	0.021	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1
Pyrene	0.37	U	0.37	0.0061	mg/Kg	☼	05/23/26 07:46	05/24/26 15:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*109*		*18 - 137*	*05/23/26 07:46*	*05/24/26 15:08*	*1*
2-Fluorobiphenyl	*93*		*33 - 117*	*05/23/26 07:46*	*05/24/26 15:08*	*1*

Client Sample ID: ISS-40_0-4
Date Collected: 05/21/26 12:15
Date Received: 05/21/26 20:00

Lab Sample ID: 460-351592-4
Matrix: Solid
Percent Solids: 88.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	95		24 - 120	05/23/26 07:46	05/24/26 15:08	1
Nitrobenzene-d5 (Surr)	88		27 - 120	05/23/26 07:46	05/24/26 15:08	1
Phenol-d5 (Surr)	91		28 - 118	05/23/26 07:46	05/24/26 15:08	1
Terphenyl-d14 (Surr)	101		33 - 124	05/23/26 07:46	05/24/26 15:08	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0023	U	0.0023	0.00092	mg/Kg	☼	05/22/26 17:47	05/26/26 11:58	1
4,4'-DDE	0.0023	U	0.0023	0.00058	mg/Kg	☼	05/22/26 17:47	05/26/26 11:58	1
4,4'-DDT	0.0023	U	0.0023	0.00076	mg/Kg	☼	05/22/26 17:47	05/26/26 11:58	1
Aldrin	0.0023	U	0.0023	0.00034	mg/Kg	☼	05/22/26 17:47	05/26/26 11:58	1
alpha-BHC	0.0023	U	0.0023	0.00038	mg/Kg	☼	05/22/26 17:47	05/26/26 11:58	1
beta-BHC	0.0023	U	0.0023	0.00045	mg/Kg	☼	05/22/26 17:47	05/26/26 11:58	1
Chlordane (technical)	0.076	U	0.076	0.018	mg/Kg	☼	05/22/26 17:47	05/26/26 11:58	1
cis-Chlordane	0.0023	U	0.0023	0.00023	mg/Kg	☼	05/22/26 17:47	05/26/26 11:58	1
delta-BHC	0.0023	U	0.0023	0.00032	mg/Kg	☼	05/22/26 17:47	05/26/26 11:58	1
Dieldrin	0.0023	U	0.0023	0.00065	mg/Kg	☼	05/22/26 17:47	05/26/26 11:58	1
Endosulfan I	0.0023	U	0.0023	0.00028	mg/Kg	☼	05/22/26 17:47	05/26/26 11:58	1
Endosulfan II	0.0023	U	0.0023	0.00039	mg/Kg	☼	05/22/26 17:47	05/26/26 11:58	1
Endosulfan sulfate	0.0023	U	0.0023	0.00049	mg/Kg	☼	05/22/26 17:47	05/26/26 11:58	1
Endrin	0.0023	U	0.0023	0.00022	mg/Kg	☼	05/22/26 17:47	05/26/26 11:58	1
Endrin aldehyde	0.0023	U	0.0023	0.00045	mg/Kg	☼	05/22/26 17:47	05/26/26 11:58	1
Endrin ketone	0.0023	U	0.0023	0.00035	mg/Kg	☼	05/22/26 17:47	05/26/26 11:58	1
gamma-BHC (Lindane)	0.0023	U	0.0023	0.00022	mg/Kg	☼	05/22/26 17:47	05/26/26 11:58	1
Heptachlor	0.0023	U	0.0023	0.00028	mg/Kg	☼	05/22/26 17:47	05/26/26 11:58	1
Heptachlor epoxide	0.0023	U	0.0023	0.00043	mg/Kg	☼	05/22/26 17:47	05/26/26 11:58	1
Methoxychlor	0.0023	U	0.0023	0.00085	mg/Kg	☼	05/22/26 17:47	05/26/26 11:58	1
Toxaphene	0.076	U	0.076	0.027	mg/Kg	☼	05/22/26 17:47	05/26/26 11:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	124		10 - 150	05/22/26 17:47	05/26/26 11:58	1
DCB Decachlorobiphenyl	132		10 - 150	05/22/26 17:47	05/26/26 11:58	1
Tetrachloro-m-xylene	94		14 - 150	05/22/26 17:47	05/26/26 11:58	1
Tetrachloro-m-xylene	104		14 - 150	05/22/26 17:47	05/26/26 11:58	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.076	U	0.076	0.020	mg/Kg	☼	05/22/26 17:28	05/26/26 22:46	1
Aroclor 1221	0.076	U	0.076	0.020	mg/Kg	☼	05/22/26 17:28	05/26/26 22:46	1
Aroclor 1232	0.076	U	0.076	0.020	mg/Kg	☼	05/22/26 17:28	05/26/26 22:46	1
Aroclor 1242	0.076	U	0.076	0.020	mg/Kg	☼	05/22/26 17:28	05/26/26 22:46	1
Aroclor 1248	0.076	U	0.076	0.020	mg/Kg	☼	05/22/26 17:28	05/26/26 22:46	1
Aroclor 1254	0.076	U	0.076	0.020	mg/Kg	☼	05/22/26 17:28	05/26/26 22:46	1
Aroclor 1260	0.076	U	0.076	0.020	mg/Kg	☼	05/22/26 17:28	05/26/26 22:46	1
Aroclor-1262	0.076	U	0.076	0.020	mg/Kg	☼	05/22/26 17:28	05/26/26 22:46	1
Aroclor 1268	0.076	U	0.076	0.020	mg/Kg	☼	05/22/26 17:28	05/26/26 22:46	1
Polychlorinated biphenyls, Total	0.076	U	0.076	0.020	mg/Kg	☼	05/22/26 17:28	05/26/26 22:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	118		10 - 150	05/22/26 17:28	05/26/26 22:46	1

Client Sample ID: ISS-40_0-4
Lab Sample ID: 460-351592-4
Date Collected: 05/21/26 12:15
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 88.3

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	123		10 - 150	05/22/26 17:28	05/26/26 22:46	1
Tetrachloro-m-xylene	101		10 - 150	05/22/26 17:28	05/26/26 22:46	1
Tetrachloro-m-xylene	100		10 - 150	05/22/26 17:28	05/26/26 22:46	1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 04:33	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 04:33	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 04:33	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 04:33	1
Perfluorooctanoic acid (PFOA)	**0.086**	**J**	0.20	0.059	ug/Kg	☼	05/25/26 14:57	05/28/26 04:33	1
Perfluorononanoic acid (PFNA)	**0.51**		0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 04:33	1
Perfluorodecanoic acid (PFDA)	**0.21**		0.20	0.059	ug/Kg	☼	05/25/26 14:57	05/28/26 04:33	1
Perfluoroundecanoic acid (PFUnA)	**2.97**		0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 04:33	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 04:33	1
Perfluorotridecanoic acid (PFTrDA)	**0.53**		0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 04:33	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 04:33	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 04:33	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 04:33	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 04:33	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 04:33	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 04:33	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 04:33	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 04:33	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 04:33	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	05/25/26 14:57	05/28/26 04:33	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	05/25/26 14:57	05/28/26 04:33	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	05/25/26 14:57	05/28/26 04:33	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 04:33	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 04:33	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 04:33	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 04:33	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 04:33	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	05/25/26 14:57	05/28/26 04:33	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	05/25/26 14:57	05/28/26 04:33	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 04:33	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 04:33	1

Client Sample ID: ISS-40_0-4
Lab Sample ID: 460-351592-4
Date Collected: 05/21/26 12:15
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 88.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 04:33	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 04:33	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 04:33	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 04:33	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 04:33	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 04:33	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	05/25/26 14:57	05/28/26 04:33	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	05/25/26 14:57	05/28/26 04:33	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	05/25/26 14:57	05/28/26 04:33	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*90.7*		*8 - 130*	*05/25/26 14:57*	*05/28/26 04:33*	*1*
13C5 PFPeA	*99.8*		*35 - 130*	*05/25/26 14:57*	*05/28/26 04:33*	*1*
13C5 PFHxA	*97.6*		*40 - 130*	*05/25/26 14:57*	*05/28/26 04:33*	*1*
13C4 PFHpA	*90.4*		*40 - 130*	*05/25/26 14:57*	*05/28/26 04:33*	*1*
13C8 PFOA	*85.2*		*40 - 130*	*05/25/26 14:57*	*05/28/26 04:33*	*1*
13C9 PFNA	*91.6*		*40 - 130*	*05/25/26 14:57*	*05/28/26 04:33*	*1*
13C6 PFDA	*82.7*		*40 - 130*	*05/25/26 14:57*	*05/28/26 04:33*	*1*
13C7 PFUnA	*82.4*		*40 - 130*	*05/25/26 14:57*	*05/28/26 04:33*	*1*
13C2 PFTeDA	*68.0*		*20 - 130*	*05/25/26 14:57*	*05/28/26 04:33*	*1*
13C3 PFBS	*91.7*		*40 - 135*	*05/25/26 14:57*	*05/28/26 04:33*	*1*
13C3 PFHxS	*89.9*		*40 - 130*	*05/25/26 14:57*	*05/28/26 04:33*	*1*
13C8 PFOS	*76.9*		*40 - 130*	*05/25/26 14:57*	*05/28/26 04:33*	*1*
13C8 FOSA	*106*		*40 - 130*	*05/25/26 14:57*	*05/28/26 04:33*	*1*
d3-NMeFOSAA	*128*		*40 - 135*	*05/25/26 14:57*	*05/28/26 04:33*	*1*
d5-NEtFOSAA	*132*		*40 - 150*	*05/25/26 14:57*	*05/28/26 04:33*	*1*
13C2 4:2 FTS	*218*	*	*40 - 165*	*05/25/26 14:57*	*05/28/26 04:33*	*1*
13C2 6:2 FTS	*242*	*	*40 - 215*	*05/25/26 14:57*	*05/28/26 04:33*	*1*
13C2 8:2 FTS	*234*		*40 - 275*	*05/25/26 14:57*	*05/28/26 04:33*	*1*
13C3 HFPO-DA	*92.8*		*40 - 130*	*05/25/26 14:57*	*05/28/26 04:33*	*1*
d7-N-MeFOSE-M	*41.1*		*20 - 130*	*05/25/26 14:57*	*05/28/26 04:33*	*1*
d9-N-EtFOSE-M	*33.6*		*15 - 130*	*05/25/26 14:57*	*05/28/26 04:33*	*1*
d5-NEtPFOSA	*56.1*		*10 - 130*	*05/25/26 14:57*	*05/28/26 04:33*	*1*
d3-NMePFOSA	*60.6*		*10 - 130*	*05/25/26 14:57*	*05/28/26 04:33*	*1*
13C2 PFDoA	*77.2*		*40 - 130*	*05/25/26 14:57*	*05/28/26 04:33*	*1*
13C3-3:3 FTCA	*104*		*20 - 150*	*05/25/26 14:57*	*05/28/26 04:33*	*1*
13C3-5:3 FTCA	*97.0*		*20 - 150*	*05/25/26 14:57*	*05/28/26 04:33*	*1*
13C3-PFDoS	*60.8*		*20 - 150*	*05/25/26 14:57*	*05/28/26 04:33*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**4100**		22.6	6.2	mg/Kg	☼	05/23/26 23:36	05/26/26 13:20	1
Antimony	**0.13**	**J**	1.1	0.068	mg/Kg	☼	05/23/26 23:36	05/26/26 13:20	1
Arsenic	**4.8**		1.1	0.12	mg/Kg	☼	05/23/26 23:36	05/26/26 13:20	1

Client Sample ID: ISS-40_0-4

Lab Sample ID: 460-351592-4

Date Collected: 05/21/26 12:15
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 88.3

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**16.6**		2.3	0.16	mg/Kg	☼	05/23/26 23:36	05/26/26 13:20	1
Beryllium	**0.44**	**J**	0.45	0.025	mg/Kg	☼	05/23/26 23:36	05/26/26 13:20	1
Cadmium	0.57	U	0.57	0.13	mg/Kg	☼	05/23/26 23:36	05/26/26 13:20	1
Calcium	**1640**		113	11.0	mg/Kg	☼	05/23/26 23:36	05/26/26 13:20	1
Chromium	**49.6**		2.3	0.34	mg/Kg	☼	05/23/26 23:36	05/26/26 13:20	1
Cobalt	**2.4**		1.1	0.17	mg/Kg	☼	05/23/26 23:36	05/26/26 13:20	1
Copper	**23.6**		2.3	0.42	mg/Kg	☼	05/23/26 23:36	05/26/26 13:20	1
Iron	**11600**		67.9	8.7	mg/Kg	☼	05/23/26 23:36	05/26/26 13:20	1
Lead	**64.8**		0.68	0.23	mg/Kg	☼	05/23/26 23:36	05/26/26 13:20	1
Magnesium	**1030**		113	11.5	mg/Kg	☼	05/23/26 23:36	05/26/26 13:20	1
Manganese	**58.0**		4.5	0.46	mg/Kg	☼	05/23/26 23:36	05/26/26 13:20	1
Nickel	**8.3**		2.3	0.20	mg/Kg	☼	05/23/26 23:36	05/26/26 13:20	1
Potassium	**818**		113	7.0	mg/Kg	☼	05/23/26 23:36	05/26/26 13:20	1
Selenium	**0.23**	**J**	1.4	0.14	mg/Kg	☼	05/23/26 23:36	05/26/26 13:20	1
Silver	0.45	U	0.45	0.10	mg/Kg	☼	05/23/26 23:36	05/26/26 13:20	1
Sodium	**60.9**	**J**	113	19.6	mg/Kg	☼	05/23/26 23:36	05/26/26 13:20	1
Thallium	0.45	U	0.45	0.046	mg/Kg	☼	05/23/26 23:36	05/26/26 13:20	1
Vanadium	**15.2**		2.3	0.23	mg/Kg	☼	05/23/26 23:36	05/26/26 13:20	1
Zinc	**65.4**		9.1	1.2	mg/Kg	☼	05/23/26 23:36	05/26/26 13:20	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.018	U	0.018	0.0063	mg/Kg	☼	05/28/26 01:02	05/28/26 06:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.7**		1.0	1.0	%			05/22/26 19:18	1
Percent Solids (EPA Moisture)	**88.3**		1.0	1.0	%			05/22/26 19:18	1

Client Sample ID: ISS-41_A

Lab Sample ID: 460-351592-5

Date Collected: 05/21/26 12:30
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 89.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00074	U	0.00074	0.00017	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
1,1,2,2-Tetrachloroethane	0.00074	U	0.00074	0.00039	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00074	U	0.00074	0.00022	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
1,1,2-Trichloroethane	0.00074	U	0.00074	0.00045	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
1,1-Dichloroethane	0.00074	U	0.00074	0.00044	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
1,1-Dichloroethene	0.00074	U	0.00074	0.00017	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
1,2,3-Trichlorobenzene	0.00074	U	0.00074	0.00055	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
1,2,4-Trichlorobenzene	0.00074	U	0.00074	0.00027	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
1,2,4-Trimethylbenzene	**0.027**		0.00074	0.00018	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
1,2-Dibromo-3-Chloropropane	0.00074	U	0.00074	0.00034	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
1,2-Dichlorobenzene	0.00074	U	0.00074	0.00027	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
1,2-Dichloroethane	0.00074	U	0.00074	0.00022	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
1,2-Dichloropropane	0.00074	U	0.00074	0.00031	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
1,3,5-Trimethylbenzene	**0.010**		0.00074	0.00023	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
1,3-Dichlorobenzene	0.00074	U	0.00074	0.00027	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1

Client Sample ID: ISS-41_A
Lab Sample ID: 460-351592-5
Date Collected: 05/21/26 12:30
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 89.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.00074	U	0.00074	0.00039	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
2-Butanone (MEK)	0.0037	U	0.0037	0.00027	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
2-Hexanone	0.0037	U	0.0037	0.0013	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
4-Methyl-2-pentanone (MIBK)	0.0037	U	0.0037	0.0012	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
Acetone	**0.020**		0.0045	0.0043	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
Benzene	**0.00088**		0.00074	0.00042	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
Bromoform	0.00074	U *	0.00074	0.00032	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
Bromomethane	0.0015	U	0.0015	0.00074	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
Carbon disulfide	0.00074	U	0.00074	0.00020	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
Carbon tetrachloride	0.00074	U	0.00074	0.00029	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
Chlorobenzene	0.00074	U	0.00074	0.00038	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
Chlorobromomethane	0.00074	U	0.00074	0.00044	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
Chlorodibromomethane	0.00074	U *	0.00074	0.00040	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
Chloroethane	0.00074	U	0.00074	0.00039	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
Chloroform	0.00074	U	0.00074	0.00072	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
Chloromethane	0.00074	U	0.00074	0.00032	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
cis-1,2-Dichloroethene	0.00074	U	0.00074	0.00027	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
cis-1,3-Dichloropropene	0.00074	U	0.00074	0.00020	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
Cyclohexane	0.00074	U	0.00074	0.00016	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
Dichlorobromomethane	0.00074	U	0.00074	0.00019	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
Dichlorodifluoromethane	0.00074	U	0.00074	0.00025	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
Ethylbenzene	**0.0068**		0.00074	0.00035	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
Ethylene Dibromide	0.00074	U	0.00074	0.00038	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
Isopropylbenzene	**0.0013**		0.00074	0.00021	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
Methyl acetate	0.0037	U	0.0037	0.0032	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
Methyl tert-butyl ether	0.00074	U	0.00074	0.00038	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
Methylcyclohexane	**0.0081**		0.00074	0.00037	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
Methylene Chloride	0.0015	U	0.0015	0.00085	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
m-Xylene & p-Xylene	**0.024**		0.00074	0.00031	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
n-Butylbenzene	**0.0019**		0.00074	0.00022	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
N-Propylbenzene	**0.0040**		0.00074	0.00033	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
o-Xylene	**0.012**		0.00074	0.00034	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
sec-Butylbenzene	0.00074	U	0.00074	0.00021	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
Styrene	0.00074	U	0.00074	0.00021	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
tert-Butylbenzene	0.00074	U	0.00074	0.00021	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
Tetrachloroethene	0.00074	U	0.00074	0.00023	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
Toluene	**0.0055**		0.00074	0.00017	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
trans-1,2-Dichloroethene	0.00074	U	0.00074	0.00018	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
trans-1,3-Dichloropropene	0.00074	U	0.00074	0.00020	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
Trichloroethene	0.00074	U	0.00074	0.00024	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
Trichlorofluoromethane	0.00074	U	0.00074	0.00030	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
Vinyl chloride	0.00074	U	0.00074	0.00041	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1
Xylenes, Total	**0.036**		0.0015	0.00031	mg/Kg	☼	05/22/26 18:04	05/24/26 11:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*	*05/22/26 18:04*	*05/24/26 11:43*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*05/22/26 18:04*	*05/24/26 11:43*	*1*
Dibromofluoromethane (Surr)	*103*		*65 - 139*	*05/22/26 18:04*	*05/24/26 11:43*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*	*05/22/26 18:04*	*05/24/26 11:43*	*1*

Client Sample ID: ISS-41_A
Lab Sample ID: 460-351592-5

Date Collected: 05/21/26 12:30
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 89.5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	10.5		1.0	1.0	%			05/22/26 16:57	1
Percent Solids (EPA Moisture)	89.5		1.0	1.0	%			05/22/26 16:57	1

Client Sample ID: ISS-41_B
Lab Sample ID: 460-351592-6

Date Collected: 05/21/26 12:35
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 87.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00084	U	0.00084	0.00020	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
1,1,2,2-Tetrachloroethane	0.00084	U	0.00084	0.00044	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00084	U	0.00084	0.00025	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
1,1,2-Trichloroethane	0.00084	U	0.00084	0.00050	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
1,1-Dichloroethane	0.00084	U	0.00084	0.00050	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
1,1-Dichloroethene	0.00084	U	0.00084	0.00019	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
1,2,3-Trichlorobenzene	0.00084	U	0.00084	0.00062	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
1,2,4-Trichlorobenzene	0.00084	U	0.00084	0.00030	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
1,2,4-Trimethylbenzene	0.00084	U	0.00084	0.00021	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
1,2-Dibromo-3-Chloropropane	0.00084	U	0.00084	0.00039	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
1,2-Dichlorobenzene	0.00084	U	0.00084	0.00030	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
1,2-Dichloroethane	0.00084	U	0.00084	0.00025	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
1,2-Dichloropropane	0.00084	U	0.00084	0.00036	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
1,3,5-Trimethylbenzene	0.00084	U	0.00084	0.00026	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
1,3-Dichlorobenzene	0.00084	U	0.00084	0.00031	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
1,4-Dichlorobenzene	0.00084	U	0.00084	0.00044	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
2-Butanone (MEK)	0.0042	U	0.0042	0.00031	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
2-Hexanone	0.0042	U	0.0042	0.0014	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
4-Methyl-2-pentanone (MIBK)	0.0042	U	0.0042	0.0013	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
Acetone	0.0050	U	0.0050	0.0048	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
Benzene	0.00084	U	0.00084	0.00048	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
Bromoform	0.00084	U *	0.00084	0.00036	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
Bromomethane	0.0017	U	0.0017	0.00084	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
Carbon disulfide	0.00084	U	0.00084	0.00022	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
Carbon tetrachloride	0.00084	U	0.00084	0.00032	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
Chlorobenzene	0.00084	U	0.00084	0.00043	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
Chlorobromomethane	0.00084	U	0.00084	0.00050	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
Chlorodibromomethane	0.00084	U *	0.00084	0.00045	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
Chloroethane	0.00084	U	0.00084	0.00044	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
Chloroform	0.00084	U	0.00084	0.00082	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
Chloromethane	0.00084	U	0.00084	0.00037	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
cis-1,2-Dichloroethene	0.00084	U	0.00084	0.00030	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
cis-1,3-Dichloropropene	0.00084	U	0.00084	0.00023	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
Cyclohexane	0.00084	U	0.00084	0.00019	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
Dichlorobromomethane	0.00084	U	0.00084	0.00022	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
Dichlorodifluoromethane	0.00084	U	0.00084	0.00028	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
Ethylbenzene	0.00084	U	0.00084	0.00039	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
Ethylene Dibromide	0.00084	U	0.00084	0.00042	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
Isopropylbenzene	0.00084	U	0.00084	0.00024	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
Methyl acetate	0.0042	U	0.0042	0.0036	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
Methyl tert-butyl ether	0.00084	U	0.00084	0.00043	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1

Client Sample ID: ISS-41_B

Lab Sample ID: 460-351592-6

Date Collected: 05/21/26 12:35
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 87.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	0.00084	U	0.00084	0.00042	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
Methylene Chloride	0.0017	U	0.0017	0.00096	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
m-Xylene & p-Xylene	0.00084	U	0.00084	0.00036	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
n-Butylbenzene	0.00084	U	0.00084	0.00025	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
N-Propylbenzene	0.00084	U	0.00084	0.00038	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
o-Xylene	0.00084	U	0.00084	0.00039	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
sec-Butylbenzene	0.00084	U	0.00084	0.00024	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
Styrene	0.00084	U	0.00084	0.00023	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
tert-Butylbenzene	0.00084	U	0.00084	0.00023	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
Tetrachloroethene	0.00084	U	0.00084	0.00026	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
Toluene	0.00084	U	0.00084	0.00020	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
trans-1,2-Dichloroethene	0.00084	U	0.00084	0.00021	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
trans-1,3-Dichloropropene	0.00084	U	0.00084	0.00022	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
Trichloroethene	0.00084	U	0.00084	0.00027	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
Trichlorofluoromethane	0.00084	U	0.00084	0.00034	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
Vinyl chloride	0.00084	U	0.00084	0.00046	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1
Xylenes, Total	0.0017	U	0.0017	0.00036	mg/Kg	☼	05/22/26 18:05	05/24/26 12:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*	*05/22/26 18:05*	*05/24/26 12:10*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*05/22/26 18:05*	*05/24/26 12:10*	*1*
Dibromofluoromethane (Surr)	*104*		*65 - 139*	*05/22/26 18:05*	*05/24/26 12:10*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*05/22/26 18:05*	*05/24/26 12:10*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.5**		1.0	1.0	%			05/22/26 16:57	1
Percent Solids (EPA Moisture)	**87.5**		1.0	1.0	%			05/22/26 16:57	1

Client Sample ID: ISS-41_C

Lab Sample ID: 460-351592-7

Date Collected: 05/21/26 12:40
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 87.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00075	U	0.00075	0.00018	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
1,1,2,2-Tetrachloroethane	0.00075	U	0.00075	0.00039	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00075	U	0.00075	0.00023	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
1,1,2-Trichloroethane	0.00075	U	0.00075	0.00045	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
1,1-Dichloroethane	0.00075	U	0.00075	0.00045	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
1,1-Dichloroethene	0.00075	U	0.00075	0.00017	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
1,2,3-Trichlorobenzene	0.00075	U	0.00075	0.00055	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
1,2,4-Trichlorobenzene	0.00075	U	0.00075	0.00027	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
1,2,4-Trimethylbenzene	0.00075	U	0.00075	0.00018	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
1,2-Dibromo-3-Chloropropane	0.00075	U	0.00075	0.00035	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
1,2-Dichlorobenzene	0.00075	U	0.00075	0.00027	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
1,2-Dichloroethane	0.00075	U	0.00075	0.00022	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
1,2-Dichloropropane	0.00075	U	0.00075	0.00032	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
1,3,5-Trimethylbenzene	0.00075	U	0.00075	0.00024	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
1,3-Dichlorobenzene	0.00075	U	0.00075	0.00027	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1

Client Sample ID: ISS-41_C
Date Collected: 05/21/26 12:40
Date Received: 05/21/26 20:00

Lab Sample ID: 460-351592-7
Matrix: Solid
Percent Solids: 87.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.00075	U	0.00075	0.00039	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
2-Butanone (MEK)	**0.0012**	**J**	0.0038	0.00028	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
2-Hexanone	0.0038	U	0.0038	0.0013	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
4-Methyl-2-pentanone (MIBK)	0.0038	U	0.0038	0.0012	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
Acetone	**0.0054**		0.0045	0.0043	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
Benzene	0.00075	U	0.00075	0.00043	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
Bromoform	0.00075	U *	0.00075	0.00032	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
Bromomethane	0.0015	U	0.0015	0.00075	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
Carbon disulfide	0.00075	U	0.00075	0.00020	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
Carbon tetrachloride	0.00075	U	0.00075	0.00029	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
Chlorobenzene	0.00075	U	0.00075	0.00038	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
Chlorobromomethane	0.00075	U	0.00075	0.00045	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
Chlorodibromomethane	0.00075	U *	0.00075	0.00040	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
Chloroethane	0.00075	U	0.00075	0.00039	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
Chloroform	0.00075	U	0.00075	0.00073	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
Chloromethane	0.00075	U	0.00075	0.00033	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
cis-1,2-Dichloroethene	0.00075	U	0.00075	0.00027	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
cis-1,3-Dichloropropene	0.00075	U	0.00075	0.00021	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
Cyclohexane	0.00075	U	0.00075	0.00017	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
Dichlorobromomethane	0.00075	U	0.00075	0.00019	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
Dichlorodifluoromethane	0.00075	U	0.00075	0.00025	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
Ethylbenzene	0.00075	U	0.00075	0.00035	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
Ethylene Dibromide	0.00075	U	0.00075	0.00038	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
Isopropylbenzene	0.00075	U	0.00075	0.00021	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
Methyl acetate	0.0038	U	0.0038	0.0032	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
Methyl tert-butyl ether	0.00075	U	0.00075	0.00038	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
Methylcyclohexane	0.00075	U	0.00075	0.00037	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
Methylene Chloride	0.0015	U	0.0015	0.00086	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
m-Xylene & p-Xylene	0.00075	U	0.00075	0.00032	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
n-Butylbenzene	0.00075	U	0.00075	0.00022	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
N-Propylbenzene	0.00075	U	0.00075	0.00034	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
o-Xylene	0.00075	U	0.00075	0.00035	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
sec-Butylbenzene	0.00075	U	0.00075	0.00022	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
Styrene	0.00075	U	0.00075	0.00021	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
tert-Butylbenzene	0.00075	U	0.00075	0.00021	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
Tetrachloroethene	0.00075	U	0.00075	0.00023	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
Toluene	0.00075	U	0.00075	0.00018	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
trans-1,2-Dichloroethene	0.00075	U	0.00075	0.00018	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
trans-1,3-Dichloropropene	0.00075	U	0.00075	0.00020	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
Trichloroethene	0.00075	U	0.00075	0.00024	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
Trichlorofluoromethane	0.00075	U	0.00075	0.00031	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
Vinyl chloride	0.00075	U	0.00075	0.00041	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1
Xylenes, Total	0.0015	U	0.0015	0.00032	mg/Kg	☼	05/22/26 18:06	05/24/26 12:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*	*05/22/26 18:06*	*05/24/26 12:38*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*05/22/26 18:06*	*05/24/26 12:38*	*1*
Dibromofluoromethane (Surr)	*106*		*65 - 139*	*05/22/26 18:06*	*05/24/26 12:38*	*1*
Toluene-d8 (Surr)	*104*		*71 - 126*	*05/22/26 18:06*	*05/24/26 12:38*	*1*

Client Sample ID: ISS-41_C

Lab Sample ID: 460-351592-7
Date Collected: 05/21/26 12:40
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 87.9

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.1**		1.0	1.0	%			05/22/26 16:57	1
Percent Solids (EPA Moisture)	**87.9**		1.0	1.0	%			05/22/26 16:57	1

Client Sample ID: ISS-41_D

Lab Sample ID: 460-351592-8
Date Collected: 05/21/26 12:45
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 86.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00076	U	0.00076	0.00018	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
1,1,2,2-Tetrachloroethane	0.00076	U	0.00076	0.00040	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00076	U	0.00076	0.00023	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
1,1,2-Trichloroethane	0.00076	U	0.00076	0.00046	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
1,1-Dichloroethane	0.00076	U	0.00076	0.00045	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
1,1-Dichloroethene	0.00076	U	0.00076	0.00017	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
1,2,3-Trichlorobenzene	0.00076	U	0.00076	0.00056	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
1,2,4-Trichlorobenzene	0.00076	U	0.00076	0.00027	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
1,2,4-Trimethylbenzene	**0.00038**	**J**	0.00076	0.00019	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
1,2-Dibromo-3-Chloropropane	0.00076	U	0.00076	0.00035	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
1,2-Dichlorobenzene	0.00076	U	0.00076	0.00027	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
1,2-Dichloroethane	0.00076	U	0.00076	0.00022	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
1,2-Dichloropropane	0.00076	U	0.00076	0.00032	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
1,3,5-Trimethylbenzene	0.00076	U	0.00076	0.00024	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
1,3-Dichlorobenzene	0.00076	U	0.00076	0.00028	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
1,4-Dichlorobenzene	0.00076	U	0.00076	0.00039	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
2-Butanone (MEK)	0.0038	U	0.0038	0.00028	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
2-Hexanone	0.0038	U	0.0038	0.0013	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
4-Methyl-2-pentanone (MIBK)	0.0038	U	0.0038	0.0012	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
Acetone	0.0045	U	0.0045	0.0043	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
Benzene	**0.00075**	**J**	0.00076	0.00043	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
Bromoform	0.00076	U *	0.00076	0.00032	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
Bromomethane	0.0015	U	0.0015	0.00076	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
Carbon disulfide	0.00076	U	0.00076	0.00020	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
Carbon tetrachloride	0.00076	U *	0.00076	0.00029	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
Chlorobenzene	0.00076	U	0.00076	0.00038	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
Chlorobromomethane	0.00076	U	0.00076	0.00045	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
Chlorodibromomethane	0.00076	U *	0.00076	0.00041	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
Chloroethane	0.00076	U	0.00076	0.00040	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
Chloroform	0.00076	U	0.00076	0.00074	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
Chloromethane	0.00076	U	0.00076	0.00033	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
cis-1,2-Dichloroethene	0.00076	U	0.00076	0.00027	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
cis-1,3-Dichloropropene	0.00076	U	0.00076	0.00021	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
Cyclohexane	**0.0046**		0.00076	0.00017	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
Dichlorobromomethane	0.00076	U	0.00076	0.00019	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
Dichlorodifluoromethane	0.00076	U	0.00076	0.00026	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
Ethylbenzene	**0.00045**	**J**	0.00076	0.00035	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
Ethylene Dibromide	0.00076	U	0.00076	0.00038	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
Isopropylbenzene	0.00076	U	0.00076	0.00022	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
Methyl acetate	0.0038	U	0.0038	0.0033	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
Methyl tert-butyl ether	0.00076	U	0.00076	0.00039	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1

Client Sample ID: ISS-41_D

Lab Sample ID: 460-351592-8

Date Collected: 05/21/26 12:45
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 86.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	**0.0035**		0.00076	0.00038	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
Methylene Chloride	0.0015	U	0.0015	0.00087	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
m-Xylene & p-Xylene	**0.0011**		0.00076	0.00032	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
n-Butylbenzene	0.00076	U	0.00076	0.00022	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
N-Propylbenzene	0.00076	U	0.00076	0.00034	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
o-Xylene	**0.00047**	**J**	0.00076	0.00035	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
sec-Butylbenzene	0.00076	U	0.00076	0.00022	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
Styrene	0.00076	U	0.00076	0.00021	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
tert-Butylbenzene	0.00076	U	0.00076	0.00021	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
Tetrachloroethene	0.00076	U	0.00076	0.00023	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
Toluene	**0.00070**	**J**	0.00076	0.00018	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
trans-1,2-Dichloroethene	0.00076	U	0.00076	0.00019	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
trans-1,3-Dichloropropene	0.00076	U	0.00076	0.00020	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
Trichloroethene	0.00076	U	0.00076	0.00024	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
Trichlorofluoromethane	0.00076	U	0.00076	0.00031	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
Vinyl chloride	0.00076	U	0.00076	0.00041	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1
Xylenes, Total	**0.0016**		0.0015	0.00032	mg/Kg	☼	05/22/26 18:07	05/26/26 21:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*65 - 138*	*05/22/26 18:07*	*05/26/26 21:35*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*05/22/26 18:07*	*05/26/26 21:35*	*1*
Dibromofluoromethane (Surr)	*100*		*65 - 139*	*05/22/26 18:07*	*05/26/26 21:35*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*05/22/26 18:07*	*05/26/26 21:35*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**13.1**		1.0	1.0	%			05/22/26 16:57	1
Percent Solids (EPA Moisture)	**86.9**		1.0	1.0	%			05/22/26 16:57	1

Client Sample ID: ISS-41_0-4

Lab Sample ID: 460-351592-9

Date Collected: 05/21/26 12:50
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 87.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.38	U	0.38	0.0033	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
1,2,4,5-Tetrachlorobenzene	0.38	U	0.38	0.0084	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
1,4-Dioxane	0.038	U	0.038	0.029	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
2,2'-oxybis[1-chloropropane]	0.38	U	0.38	0.017	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
2,3,4,6-Tetrachlorophenol	0.38	U	0.38	0.0072	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
2,4,5-Trichlorophenol	0.38	U	0.38	0.017	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.012	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
2,4-Dichlorophenol	0.15	U	0.15	0.023	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
2,4-Dimethylphenol	0.38	U	0.38	0.020	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
2,4-Dinitrophenol	0.30	U	0.30	0.14	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
2,4-Dinitrotoluene	0.076	U	0.076	0.014	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
2,6-Dinitrotoluene	0.076	U	0.076	0.013	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
2-Chloronaphthalene	0.38	U	0.38	0.0041	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
2-Chlorophenol	0.38	U	0.38	0.0097	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
2-Methylnaphthalene	**0.023**	**J**	0.38	0.0055	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1

Client Sample ID: ISS-41_0-4
Date Collected: 05/21/26 12:50
Date Received: 05/21/26 20:00

Lab Sample ID: 460-351592-9
Matrix: Solid
Percent Solids: 87.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	0.23	U	0.23	0.011	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
2-Nitroaniline	0.38	U	0.38	0.022	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
2-Nitrophenol	0.38	U	0.38	0.022	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
3 & 4 Methylphenol	0.23	U	0.23	0.024	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.015	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
3-Nitroaniline	0.38	U	0.38	0.027	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.025	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
4-Bromophenyl phenyl ether	0.38	U	0.38	0.0069	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
4-Chloro-3-methylphenol	0.38	U	0.38	0.017	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
4-Chloroaniline	0.38	U	0.38	0.018	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
4-Chlorophenyl phenyl ether	0.38	U	0.38	0.010	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
4-Methylphenol	0.38	U	0.38	0.020	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
4-Nitroaniline	0.38	U	0.38	0.024	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
4-Nitrophenol	0.76	U	0.76	0.048	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
Acenaphthene	0.38	U	0.38	0.0055	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
Acenaphthylene	0.38	U	0.38	0.0047	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
Acetophenone	0.38	U	0.38	0.016	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
Anthracene	0.38	U	0.38	0.0037	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
Atrazine	0.15	U	0.15	0.0099	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
Benzaldehyde	0.38	U	0.38	0.016	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
Benzo[a]anthracene	0.038	U	0.038	0.0035	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
Benzo[a]pyrene	**0.15**		0.038	0.0069	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
Benzo[b]fluoranthene	**0.091**		0.038	0.0056	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
Benzo[g,h,i]perylene	**0.22**	**J**	0.38	0.0063	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
Benzo[k]fluoranthene	0.038	U	0.038	0.0057	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
Bis(2-chloroethoxy)methane	0.38	U	0.38	0.017	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
Bis(2-chloroethyl)ether	0.038	U	0.038	0.017	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
Bis(2-ethylhexyl) phthalate	0.38	U	0.38	0.013	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
Butyl benzyl phthalate	0.38	U	0.38	0.013	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
Caprolactam	0.38	U *	0.38	0.023	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
Carbazole	0.38	U	0.38	0.010	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
Chrysene	0.38	U	0.38	0.0041	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
Dibenz(a,h)anthracene	**0.028**	**J**	0.038	0.0078	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
Dibenzofuran	0.38	U	0.38	0.0059	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
Diethyl phthalate	0.38	U	0.38	0.0064	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
Dimethyl phthalate	0.38	U	0.38	0.0044	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
Di-n-butyl phthalate	0.38	U	0.38	0.0094	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
Di-n-octyl phthalate	0.38	U	0.38	0.016	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
Fluoranthene	0.38	U	0.38	0.0067	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
Fluorene	0.38	U	0.38	0.0069	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
Hexachlorobenzene	0.038	U	0.038	0.0070	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
Hexachlorobutadiene	0.076	U	0.076	0.0072	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
Hexachlorocyclopentadiene	0.38	U	0.38	0.021	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
Hexachloroethane	0.038	U	0.038	0.0098	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
Indeno[1,2,3-cd]pyrene	0.038	U	0.038	0.025	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
Isophorone	0.15	U	0.15	0.0088	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
Naphthalene	**0.0083**	**J**	0.38	0.0030	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
Nitrobenzene	0.038	U	0.038	0.017	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
N-Nitrosodi-n-propylamine	0.038	U	0.038	0.018	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1

Client Sample ID: ISS-41_0-4
Lab Sample ID: 460-351592-9
Date Collected: 05/21/26 12:50
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 87.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	0.38	U	0.38	0.0066	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
Pentachlorophenol	0.30	U	0.30	0.025	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
Phenanthrene	**0.024**	**J**	0.38	0.0064	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
Phenol	0.23	U	0.23	0.021	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1
Pyrene	**0.24**	**J**	0.38	0.0061	mg/Kg	☼	05/23/26 07:46	05/23/26 18:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*66*		*18 - 137*	*05/23/26 07:46*	*05/23/26 18:27*	*1*
2-Fluorobiphenyl	*56*		*33 - 117*	*05/23/26 07:46*	*05/23/26 18:27*	*1*
2-Fluorophenol (Surr)	*59*		*24 - 120*	*05/23/26 07:46*	*05/23/26 18:27*	*1*
Nitrobenzene-d5 (Surr)	*57*		*27 - 120*	*05/23/26 07:46*	*05/23/26 18:27*	*1*
Phenol-d5 (Surr)	*60*		*28 - 118*	*05/23/26 07:46*	*05/23/26 18:27*	*1*
Terphenyl-d14 (Surr)	*60*		*33 - 124*	*05/23/26 07:46*	*05/23/26 18:27*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0023	U	0.0023	0.00093	mg/Kg	☼	05/22/26 17:47	05/26/26 12:11	1
4,4'-DDE	0.0023	U	0.0023	0.00059	mg/Kg	☼	05/22/26 17:47	05/26/26 12:11	1
4,4'-DDT	0.0023	U	0.0023	0.00077	mg/Kg	☼	05/22/26 17:47	05/26/26 12:11	1
Aldrin	0.0023	U	0.0023	0.00034	mg/Kg	☼	05/22/26 17:47	05/26/26 12:11	1
alpha-BHC	0.0023	U	0.0023	0.00038	mg/Kg	☼	05/22/26 17:47	05/26/26 12:11	1
beta-BHC	0.0023	U	0.0023	0.00046	mg/Kg	☼	05/22/26 17:47	05/26/26 12:11	1
Chlordane (technical)	0.076	U	0.076	0.018	mg/Kg	☼	05/22/26 17:47	05/26/26 12:11	1
cis-Chlordane	0.0023	U	0.0023	0.00024	mg/Kg	☼	05/22/26 17:47	05/26/26 12:11	1
delta-BHC	0.0023	U	0.0023	0.00032	mg/Kg	☼	05/22/26 17:47	05/26/26 12:11	1
Dieldrin	0.0023	U	0.0023	0.00065	mg/Kg	☼	05/22/26 17:47	05/26/26 12:11	1
Endosulfan I	0.0023	U	0.0023	0.00028	mg/Kg	☼	05/22/26 17:47	05/26/26 12:11	1
Endosulfan II	0.0023	U	0.0023	0.00039	mg/Kg	☼	05/22/26 17:47	05/26/26 12:11	1
Endosulfan sulfate	0.0023	U	0.0023	0.00050	mg/Kg	☼	05/22/26 17:47	05/26/26 12:11	1
Endrin	0.0023	U	0.0023	0.00022	mg/Kg	☼	05/22/26 17:47	05/26/26 12:11	1
Endrin aldehyde	0.0023	U	0.0023	0.00045	mg/Kg	☼	05/22/26 17:47	05/26/26 12:11	1
Endrin ketone	0.0023	U	0.0023	0.00035	mg/Kg	☼	05/22/26 17:47	05/26/26 12:11	1
gamma-BHC (Lindane)	0.0023	U	0.0023	0.00022	mg/Kg	☼	05/22/26 17:47	05/26/26 12:11	1
Heptachlor	0.0023	U	0.0023	0.00028	mg/Kg	☼	05/22/26 17:47	05/26/26 12:11	1
Heptachlor epoxide	0.0023	U	0.0023	0.00043	mg/Kg	☼	05/22/26 17:47	05/26/26 12:11	1
Methoxychlor	0.0023	U	0.0023	0.00086	mg/Kg	☼	05/22/26 17:47	05/26/26 12:11	1
Toxaphene	0.076	U	0.076	0.028	mg/Kg	☼	05/22/26 17:47	05/26/26 12:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*121*		*10 - 150*	*05/22/26 17:47*	*05/26/26 12:11*	*1*
DCB Decachlorobiphenyl	*114*		*10 - 150*	*05/22/26 17:47*	*05/26/26 12:11*	*1*
Tetrachloro-m-xylene	*93*		*14 - 150*	*05/22/26 17:47*	*05/26/26 12:11*	*1*
Tetrachloro-m-xylene	*94*		*14 - 150*	*05/22/26 17:47*	*05/26/26 12:11*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.076	U	0.076	0.020	mg/Kg	☼	05/22/26 17:28	05/26/26 23:02	1
Aroclor 1221	0.076	U	0.076	0.020	mg/Kg	☼	05/22/26 17:28	05/26/26 23:02	1
Aroclor 1232	0.076	U	0.076	0.020	mg/Kg	☼	05/22/26 17:28	05/26/26 23:02	1
Aroclor 1242	0.076	U	0.076	0.020	mg/Kg	☼	05/22/26 17:28	05/26/26 23:02	1

Client Sample ID: ISS-41_0-4
Date Collected: 05/21/26 12:50
Date Received: 05/21/26 20:00

Lab Sample ID: 460-351592-9
Matrix: Solid
Percent Solids: 87.4

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1248	0.076	U	0.076	0.020	mg/Kg	☼	05/22/26 17:28	05/26/26 23:02	1
Aroclor 1254	0.076	U	0.076	0.020	mg/Kg	☼	05/22/26 17:28	05/26/26 23:02	1
Aroclor 1260	0.076	U	0.076	0.020	mg/Kg	☼	05/22/26 17:28	05/26/26 23:02	1
Aroclor-1262	0.076	U	0.076	0.020	mg/Kg	☼	05/22/26 17:28	05/26/26 23:02	1
Aroclor 1268	0.076	U	0.076	0.020	mg/Kg	☼	05/22/26 17:28	05/26/26 23:02	1
Polychlorinated biphenyls, Total	0.076	U	0.076	0.020	mg/Kg	☼	05/22/26 17:28	05/26/26 23:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*113*		*10 - 150*	*05/22/26 17:28*	*05/26/26 23:02*	*1*
DCB Decachlorobiphenyl	*119*		*10 - 150*	*05/22/26 17:28*	*05/26/26 23:02*	*1*
Tetrachloro-m-xylene	*93*		*10 - 150*	*05/22/26 17:28*	*05/26/26 23:02*	*1*
Tetrachloro-m-xylene	*84*		*10 - 150*	*05/22/26 17:28*	*05/26/26 23:02*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.099	ug/Kg	☼	05/25/26 14:57	05/28/26 04:47	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.099	ug/Kg	☼	05/25/26 14:57	05/28/26 04:47	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.099	ug/Kg	☼	05/25/26 14:57	05/28/26 04:47	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.099	ug/Kg	☼	05/25/26 14:57	05/28/26 04:47	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg	☼	05/25/26 14:57	05/28/26 04:47	1
Perfluorononanoic acid (PFNA)	**0.61**		0.20	0.099	ug/Kg	☼	05/25/26 14:57	05/28/26 04:47	1
Perfluorodecanoic acid (PFDA)	**0.17**	**J**	0.20	0.060	ug/Kg	☼	05/25/26 14:57	05/28/26 04:47	1
Perfluoroundecanoic acid (PFUnA)	**1.99**		0.20	0.099	ug/Kg	☼	05/25/26 14:57	05/28/26 04:47	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.099	ug/Kg	☼	05/25/26 14:57	05/28/26 04:47	1
Perfluorotridecanoic acid (PFTrDA)	**0.70**		0.20	0.099	ug/Kg	☼	05/25/26 14:57	05/28/26 04:47	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.099	ug/Kg	☼	05/25/26 14:57	05/28/26 04:47	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.099	ug/Kg	☼	05/25/26 14:57	05/28/26 04:47	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.099	ug/Kg	☼	05/25/26 14:57	05/28/26 04:47	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.099	ug/Kg	☼	05/25/26 14:57	05/28/26 04:47	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.099	ug/Kg	☼	05/25/26 14:57	05/28/26 04:47	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.099	ug/Kg	☼	05/25/26 14:57	05/28/26 04:47	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.099	ug/Kg	☼	05/25/26 14:57	05/28/26 04:47	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.099	ug/Kg	☼	05/25/26 14:57	05/28/26 04:47	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.099	ug/Kg	☼	05/25/26 14:57	05/28/26 04:47	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	05/25/26 14:57	05/28/26 04:47	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	05/25/26 14:57	05/28/26 04:47	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg	☼	05/25/26 14:57	05/28/26 04:47	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	05/25/26 14:57	05/28/26 04:47	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	05/25/26 14:57	05/28/26 04:47	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.099	ug/Kg	☼	05/25/26 14:57	05/28/26 04:47	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	05/25/26 14:57	05/28/26 04:47	1

Client Sample ID: ISS-41_0-4
Date Collected: 05/21/26 12:50
Date Received: 05/21/26 20:00

Lab Sample ID: 460-351592-9
Matrix: Solid
Percent Solids: 87.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.099	ug/Kg	☼	05/25/26 14:57	05/28/26 04:47	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	05/25/26 14:57	05/28/26 04:47	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	0.99	0.50	ug/Kg	☼	05/25/26 14:57	05/28/26 04:47	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.099	ug/Kg	☼	05/25/26 14:57	05/28/26 04:47	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.099	ug/Kg	☼	05/25/26 14:57	05/28/26 04:47	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.099	ug/Kg	☼	05/25/26 14:57	05/28/26 04:47	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.099	ug/Kg	☼	05/25/26 14:57	05/28/26 04:47	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.099	ug/Kg	☼	05/25/26 14:57	05/28/26 04:47	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.099	ug/Kg	☼	05/25/26 14:57	05/28/26 04:47	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.099	ug/Kg	☼	05/25/26 14:57	05/28/26 04:47	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.099	ug/Kg	☼	05/25/26 14:57	05/28/26 04:47	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg	☼	05/25/26 14:57	05/28/26 04:47	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	05/25/26 14:57	05/28/26 04:47	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	0.99	0.50	ug/Kg	☼	05/25/26 14:57	05/28/26 04:47	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*83.3*		*8 - 130*	*05/25/26 14:57*	*05/28/26 04:47*	*1*
13C5 PFPeA	*87.5*		*35 - 130*	*05/25/26 14:57*	*05/28/26 04:47*	*1*
13C5 PFHxA	*88.3*		*40 - 130*	*05/25/26 14:57*	*05/28/26 04:47*	*1*
13C4 PFHpA	*80.5*		*40 - 130*	*05/25/26 14:57*	*05/28/26 04:47*	*1*
13C8 PFOA	*78.7*		*40 - 130*	*05/25/26 14:57*	*05/28/26 04:47*	*1*
13C9 PFNA	*84.9*		*40 - 130*	*05/25/26 14:57*	*05/28/26 04:47*	*1*
13C6 PFDA	*80.9*		*40 - 130*	*05/25/26 14:57*	*05/28/26 04:47*	*1*
13C7 PFUnA	*85.2*		*40 - 130*	*05/25/26 14:57*	*05/28/26 04:47*	*1*
13C2 PFTeDA	*80.5*		*20 - 130*	*05/25/26 14:57*	*05/28/26 04:47*	*1*
13C3 PFBS	*85.3*		*40 - 135*	*05/25/26 14:57*	*05/28/26 04:47*	*1*
13C3 PFHxS	*83.8*		*40 - 130*	*05/25/26 14:57*	*05/28/26 04:47*	*1*
13C8 PFOS	*76.7*		*40 - 130*	*05/25/26 14:57*	*05/28/26 04:47*	*1*
13C8 FOSA	*90.0*		*40 - 130*	*05/25/26 14:57*	*05/28/26 04:47*	*1*
d3-NMeFOSAA	*138*	*	*40 - 135*	*05/25/26 14:57*	*05/28/26 04:47*	*1*
d5-NEtFOSAA	*146*		*40 - 150*	*05/25/26 14:57*	*05/28/26 04:47*	*1*
13C2 4:2 FTS	*285*	*	*40 - 165*	*05/25/26 14:57*	*05/28/26 04:47*	*1*
13C2 6:2 FTS	*331*	*	*40 - 215*	*05/25/26 14:57*	*05/28/26 04:47*	*1*
13C2 8:2 FTS	*335*	*	*40 - 275*	*05/25/26 14:57*	*05/28/26 04:47*	*1*
13C3 HFPO-DA	*76.5*		*40 - 130*	*05/25/26 14:57*	*05/28/26 04:47*	*1*
d7-N-MeFOSE-M	*44.8*		*20 - 130*	*05/25/26 14:57*	*05/28/26 04:47*	*1*
d9-N-EtFOSE-M	*39.3*		*15 - 130*	*05/25/26 14:57*	*05/28/26 04:47*	*1*
d5-NEtPFOSA	*44.4*		*10 - 130*	*05/25/26 14:57*	*05/28/26 04:47*	*1*
d3-NMePFOSA	*50.6*		*10 - 130*	*05/25/26 14:57*	*05/28/26 04:47*	*1*
13C2 PFDoA	*94.3*		*40 - 130*	*05/25/26 14:57*	*05/28/26 04:47*	*1*

Client Sample ID: ISS-41_0-4

Lab Sample ID: 460-351592-9

Date Collected: 05/21/26 12:50
Date Received: 05/21/26 20:00

Matrix: Solid
Percent Solids: 87.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3-3:3 FTCA	86.2		20 - 150	05/25/26 14:57	05/28/26 04:47	1
13C3-5:3 FTCA	101		20 - 150	05/25/26 14:57	05/28/26 04:47	1
13C3-PFDoS	68.8		20 - 150	05/25/26 14:57	05/28/26 04:47	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7260		21.6	5.9	mg/Kg	☼	05/23/26 23:36	05/26/26 13:25	1
Antimony	0.84	J	1.1	0.065	mg/Kg	☼	05/23/26 23:36	05/26/26 13:25	1
Arsenic	7.6		1.1	0.11	mg/Kg	☼	05/23/26 23:36	05/26/26 13:25	1
Barium	63.5		2.2	0.16	mg/Kg	☼	05/23/26 23:36	05/26/26 13:25	1
Beryllium	0.58		0.43	0.024	mg/Kg	☼	05/23/26 23:36	05/26/26 13:25	1
Cadmium	0.30	J	0.54	0.12	mg/Kg	☼	05/23/26 23:36	05/26/26 13:25	1
Calcium	2020		108	10.5	mg/Kg	☼	05/23/26 23:36	05/26/26 13:25	1
Chromium	23.3		2.2	0.32	mg/Kg	☼	05/23/26 23:36	05/26/26 13:25	1
Cobalt	6.7		1.1	0.16	mg/Kg	☼	05/23/26 23:36	05/26/26 13:25	1
Copper	40.6		2.2	0.40	mg/Kg	☼	05/23/26 23:36	05/26/26 13:25	1
Iron	18200		64.8	8.3	mg/Kg	☼	05/23/26 23:36	05/26/26 13:25	1
Lead	102		0.65	0.22	mg/Kg	☼	05/23/26 23:36	05/26/26 13:25	1
Magnesium	2700		108	11.0	mg/Kg	☼	05/23/26 23:36	05/26/26 13:25	1
Manganese	264		4.3	0.43	mg/Kg	☼	05/23/26 23:36	05/26/26 13:25	1
Nickel	14.5		2.2	0.19	mg/Kg	☼	05/23/26 23:36	05/26/26 13:25	1
Potassium	1100		108	6.7	mg/Kg	☼	05/23/26 23:36	05/26/26 13:25	1
Selenium	0.39	J	1.3	0.14	mg/Kg	☼	05/23/26 23:36	05/26/26 13:25	1
Silver	0.27	J	0.43	0.096	mg/Kg	☼	05/23/26 23:36	05/26/26 13:25	1
Sodium	92.7	J	108	18.7	mg/Kg	☼	05/23/26 23:36	05/26/26 13:25	1
Thallium	0.099	J	0.43	0.044	mg/Kg	☼	05/23/26 23:36	05/26/26 13:25	1
Vanadium	23.8		2.2	0.22	mg/Kg	☼	05/23/26 23:36	05/26/26 13:25	1
Zinc	73.4		8.6	1.2	mg/Kg	☼	05/23/26 23:36	05/26/26 13:25	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.035		0.019	0.0065	mg/Kg	☼	05/28/26 01:02	05/28/26 06:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	12.6		1.0	1.0	%			05/22/26 19:18	1
Percent Solids (EPA Moisture)	87.4		1.0	1.0	%			05/22/26 19:18	1

Client Sample ID: ISS-42_A

Lab Sample ID: 460-351592-10

Date Collected: 05/21/26 13:00
Date Received: 05/21/26 20:00

Matrix: Solid
Percent Solids: 87.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00089	U	0.00089	0.00021	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
1,1,2,2-Tetrachloroethane	0.00089	U	0.00089	0.00047	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00089	U	0.00089	0.00027	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
1,1,2-Trichloroethane	0.00089	U	0.00089	0.00054	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
1,1-Dichloroethane	0.00089	U	0.00089	0.00053	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
1,1-Dichloroethene	0.00089	U	0.00089	0.00020	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
1,2,3-Trichlorobenzene	0.00089	U	0.00089	0.00066	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1

Client Sample ID: ISS-42_A
Date Collected: 05/21/26 13:00
Date Received: 05/21/26 20:00

Lab Sample ID: 460-351592-10
Matrix: Solid
Percent Solids: 87.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.00089	U	0.00089	0.00032	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
1,2,4-Trimethylbenzene	0.00089	U	0.00089	0.00022	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
1,2-Dibromo-3-Chloropropane	0.00089	U	0.00089	0.00041	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
1,2-Dichlorobenzene	0.00089	U	0.00089	0.00032	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
1,2-Dichloroethane	0.00089	U	0.00089	0.00026	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
1,2-Dichloropropane	0.00089	U	0.00089	0.00038	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
1,3,5-Trimethylbenzene	0.00089	U	0.00089	0.00028	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
1,3-Dichlorobenzene	0.00089	U	0.00089	0.00033	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
1,4-Dichlorobenzene	0.00089	U	0.00089	0.00046	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
2-Butanone (MEK)	0.0045	U	0.0045	0.00033	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
2-Hexanone	0.0045	U	0.0045	0.0015	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
4-Methyl-2-pentanone (MIBK)	0.0045	U	0.0045	0.0014	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
Acetone	0.0054	U	0.0054	0.0051	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
Benzene	0.00089	U	0.00089	0.00051	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
Bromoform	0.00089	U *	0.00089	0.00038	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
Bromomethane	0.0018	U	0.0018	0.00089	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
Carbon disulfide	0.00089	U	0.00089	0.00024	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
Carbon tetrachloride	0.00089	U *	0.00089	0.00035	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
Chlorobenzene	0.00089	U	0.00089	0.00045	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
Chlorobromomethane	0.00089	U	0.00089	0.00053	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
Chlorodibromomethane	0.00089	U *	0.00089	0.00048	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
Chloroethane	0.00089	U	0.00089	0.00047	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
Chloroform	0.00089	U	0.00089	0.00087	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
Chloromethane	0.00089	U	0.00089	0.00039	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
cis-1,2-Dichloroethene	0.00089	U	0.00089	0.00032	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
cis-1,3-Dichloropropene	0.00089	U	0.00089	0.00024	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
Cyclohexane	0.00089	U	0.00089	0.00020	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
Dichlorobromomethane	0.00089	U	0.00089	0.00023	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
Dichlorodifluoromethane	0.00089	U	0.00089	0.00030	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
Ethylbenzene	0.00089	U	0.00089	0.00042	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
Ethylene Dibromide	0.00089	U	0.00089	0.00045	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
Isopropylbenzene	0.00089	U	0.00089	0.00025	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
Methyl acetate	0.0045	U	0.0045	0.0038	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
Methyl tert-butyl ether	0.00089	U	0.00089	0.00046	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
Methylcyclohexane	0.00089	U	0.00089	0.00045	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
Methylene Chloride	0.0018	U	0.0018	0.0010	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
m-Xylene & p-Xylene	0.00089	U	0.00089	0.00038	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
n-Butylbenzene	0.00089	U	0.00089	0.00026	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
N-Propylbenzene	0.00089	U	0.00089	0.00040	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
o-Xylene	0.00089	U	0.00089	0.00041	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
sec-Butylbenzene	0.00089	U	0.00089	0.00026	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
Styrene	0.00089	U	0.00089	0.00025	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
tert-Butylbenzene	0.00089	U	0.00089	0.00025	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
Tetrachloroethene	0.00089	U	0.00089	0.00027	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
Toluene	0.00089	U	0.00089	0.00021	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
trans-1,2-Dichloroethene	0.00089	U	0.00089	0.00022	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
trans-1,3-Dichloropropene	0.00089	U	0.00089	0.00024	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
Trichloroethene	0.00089	U	0.00089	0.00029	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
Trichlorofluoromethane	0.00089	U	0.00089	0.00036	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1

Client Sample ID: ISS-42_A

Lab Sample ID: 460-351592-10

Date Collected: 05/21/26 13:00
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 87.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.00089	U	0.00089	0.00049	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1
Xylenes, Total	0.0018	U	0.0018	0.00038	mg/Kg	☼	05/22/26 18:07	05/26/26 20:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 138*	*05/22/26 18:07*	*05/26/26 20:41*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*05/22/26 18:07*	*05/26/26 20:41*	*1*
Dibromofluoromethane (Surr)	*97*		*65 - 139*	*05/22/26 18:07*	*05/26/26 20:41*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*05/22/26 18:07*	*05/26/26 20:41*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.4**		1.0	1.0	%			05/22/26 16:57	1
Percent Solids (EPA Moisture)	**87.6**		1.0	1.0	%			05/22/26 16:57	1

Client Sample ID: ISS-42_B

Lab Sample ID: 460-351592-11

Date Collected: 05/21/26 13:05
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 86.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00092	U	0.00092	0.00021	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
1,1,2,2-Tetrachloroethane	0.00092	U	0.00092	0.00048	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00092	U	0.00092	0.00028	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
1,1,2-Trichloroethane	0.00092	U	0.00092	0.00055	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
1,1-Dichloroethane	0.00092	U	0.00092	0.00055	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
1,1-Dichloroethene	0.00092	U	0.00092	0.00021	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
1,2,3-Trichlorobenzene	0.00092	U	0.00092	0.00068	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
1,2,4-Trichlorobenzene	0.00092	U	0.00092	0.00033	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
1,2,4-Trimethylbenzene	0.00092	U	0.00092	0.00023	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
1,2-Dibromo-3-Chloropropane	0.00092	U	0.00092	0.00042	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
1,2-Dichlorobenzene	0.00092	U	0.00092	0.00033	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
1,2-Dichloroethane	0.00092	U	0.00092	0.00027	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
1,2-Dichloropropane	0.00092	U	0.00092	0.00039	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
1,3,5-Trimethylbenzene	0.00092	U	0.00092	0.00029	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
1,3-Dichlorobenzene	0.00092	U	0.00092	0.00034	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
1,4-Dichlorobenzene	0.00092	U	0.00092	0.00048	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
2-Butanone (MEK)	0.0046	U	0.0046	0.00034	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
2-Hexanone	0.0046	U	0.0046	0.0016	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
4-Methyl-2-pentanone (MIBK)	0.0046	U	0.0046	0.0014	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
Acetone	0.0055	U	0.0055	0.0053	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
Benzene	0.00092	U	0.00092	0.00052	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
Bromoform	0.00092	U *	0.00092	0.00039	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
Bromomethane	0.0018	U	0.0018	0.00092	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
Carbon disulfide	0.00092	U	0.00092	0.00024	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
Carbon tetrachloride	0.00092	U *	0.00092	0.00036	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
Chlorobenzene	0.00092	U	0.00092	0.00047	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
Chlorobromomethane	0.00092	U	0.00092	0.00055	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
Chlorodibromomethane	0.00092	U *	0.00092	0.00049	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
Chloroethane	0.00092	U	0.00092	0.00048	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
Chloroform	0.00092	U	0.00092	0.00089	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1

Client Sample ID: ISS-42_B

Lab Sample ID: 460-351592-11

Date Collected: 05/21/26 13:05
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 86.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.00092	U	0.00092	0.00040	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
cis-1,2-Dichloroethene	0.00092	U	0.00092	0.00033	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
cis-1,3-Dichloropropene	0.00092	U	0.00092	0.00025	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
Cyclohexane	0.00092	U	0.00092	0.00020	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
Dichlorobromomethane	0.00092	U	0.00092	0.00024	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
Dichlorodifluoromethane	0.00092	U	0.00092	0.00031	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
Ethylbenzene	0.00092	U	0.00092	0.00043	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
Ethylene Dibromide	0.00092	U	0.00092	0.00046	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
Isopropylbenzene	0.00092	U	0.00092	0.00026	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
Methyl acetate	0.0046	U	0.0046	0.0040	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
Methyl tert-butyl ether	0.00092	U	0.00092	0.00047	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
Methylcyclohexane	0.00092	U	0.00092	0.00046	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
Methylene Chloride	0.0018	U	0.0018	0.0011	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
m-Xylene & p-Xylene	0.00092	U	0.00092	0.00039	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
n-Butylbenzene	0.00092	U	0.00092	0.00027	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
N-Propylbenzene	0.00092	U	0.00092	0.00041	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
o-Xylene	0.00092	U	0.00092	0.00042	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
sec-Butylbenzene	0.00092	U	0.00092	0.00027	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
Styrene	0.00092	U	0.00092	0.00026	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
tert-Butylbenzene	0.00092	U	0.00092	0.00025	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
Tetrachloroethene	0.00092	U	0.00092	0.00028	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
Toluene	0.00092	U	0.00092	0.00022	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
trans-1,2-Dichloroethene	0.00092	U	0.00092	0.00023	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
trans-1,3-Dichloropropene	0.00092	U	0.00092	0.00024	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
Trichloroethene	0.00092	U	0.00092	0.00030	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
Trichlorofluoromethane	0.00092	U	0.00092	0.00037	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
Vinyl chloride	0.00092	U	0.00092	0.00050	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1
Xylenes, Total	0.0018	U	0.0018	0.00039	mg/Kg	☼	05/22/26 18:08	05/26/26 21:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*	*05/22/26 18:08*	*05/26/26 21:07*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*05/22/26 18:08*	*05/26/26 21:07*	*1*
Dibromofluoromethane (Surr)	*99*		*65 - 139*	*05/22/26 18:08*	*05/26/26 21:07*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*	*05/22/26 18:08*	*05/26/26 21:07*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**13.6**		1.0	1.0	%			05/22/26 16:57	1
Percent Solids (EPA Moisture)	**86.4**		1.0	1.0	%			05/22/26 16:57	1

Client Sample ID: ISS-42_C

Lab Sample ID: 460-351592-12

Date Collected: 05/21/26 13:10
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 86.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.36	U	0.36	0.10	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
1,1,2,2-Tetrachloroethane	0.36	U	0.36	0.071	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
1,1,2-Trichloro-1,2,2-trifluoroethane	0.36	U	0.36	0.12	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
1,1,2-Trichloroethane	0.36	U	0.36	0.073	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200

Client Sample ID: ISS-42_C
Date Collected: 05/21/26 13:10
Date Received: 05/21/26 20:00

Lab Sample ID: 460-351592-12
Matrix: Solid
Percent Solids: 86.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.36	U	0.36	0.086	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
1,1-Dichloroethene	0.36	U	0.36	0.094	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
1,2,3-Trichlorobenzene	0.36	U *	0.36	0.13	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
1,2,4-Trichlorobenzene	0.36	U	0.36	0.096	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
1,2,4-Trimethylbenzene	**12**		0.36	0.082	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
1,2-Dibromo-3-Chloropropane	0.36	U	0.36	0.076	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
1,2-Dichlorobenzene	0.36	U	0.36	0.079	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
1,2-Dichloroethane	0.36	U	0.36	0.089	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
1,2-Dichloropropane	0.36	U	0.36	0.064	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
1,3,5-Trimethylbenzene	**2.4**		0.36	0.089	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
1,3-Dichlorobenzene	0.36	U	0.36	0.12	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
1,4-Dichlorobenzene	0.36	U	0.36	0.12	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
2-Butanone (MEK)	1.8	U	1.8	0.79	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
2-Hexanone	1.8	U	1.8	0.41	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
4-Methyl-2-pentanone (MIBK)	1.8	U	1.8	0.47	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
Acetone	1.8	U	1.8	1.6	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
Benzene	0.36	U	0.36	0.072	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
Bromoform	0.36	U	0.36	0.064	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
Bromomethane	0.36	U	0.36	0.20	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
Carbon disulfide	0.36	U	0.36	0.24	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
Carbon tetrachloride	0.36	U	0.36	0.12	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
Chlorobenzene	0.36	U	0.36	0.086	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
Chlorobromomethane	0.36	U	0.36	0.11	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
Chlorodibromomethane	0.36	U	0.36	0.079	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
Chloroethane	0.36	U	0.36	0.13	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
Chloroform	0.36	U	0.36	0.079	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
Chloromethane	0.36	U	0.36	0.14	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
cis-1,2-Dichloroethene	0.36	U	0.36	0.093	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
cis-1,3-Dichloropropene	0.36	U	0.36	0.079	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
Cyclohexane	**4.9**		0.36	0.093	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
Dichlorobromomethane	0.36	U	0.36	0.054	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
Dichlorodifluoromethane	0.36	U	0.36	0.11	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
Ethylbenzene	**1.7**		0.36	0.11	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
Ethylene Dibromide	0.36	U	0.36	0.068	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
Isopropylbenzene	**6.3**		0.36	0.11	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
Methyl acetate	1.8	U	1.8	0.28	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
Methyl tert-butyl ether	0.36	U	0.36	0.076	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
Methylcyclohexane	**99**		0.36	0.26	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
Methylene Chloride	0.36	U	0.36	0.075	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
m-Xylene & p-Xylene	**0.51**		0.36	0.10	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
n-Butylbenzene	**6.1**		0.36	0.096	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
N-Propylbenzene	**7.1**		0.36	0.10	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
o-Xylene	0.36	U	0.36	0.11	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
sec-Butylbenzene	**4.2**		0.36	0.11	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
Styrene	0.36	U	0.36	0.061	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
tert-Butylbenzene	**1.1**		0.36	0.10	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
Tetrachloroethene	0.36	U	0.36	0.13	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
Toluene	0.36	U	0.36	0.089	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
trans-1,2-Dichloroethene	0.36	U	0.36	0.064	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200

Client Sample ID: ISS-42_C
Lab Sample ID: 460-351592-12

Date Collected: 05/21/26 13:10
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 86.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.36	U	0.36	0.079	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
Trichloroethene	0.36	U	0.36	0.079	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
Trichlorofluoromethane	0.36	U	0.36	0.11	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
Vinyl chloride	0.36	U	0.36	0.071	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200
Xylenes, Total	**0.51**	**J**	0.71	0.10	mg/Kg	☼	05/22/26 17:51	05/28/26 12:52	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*120*		*60 - 150*	*05/22/26 17:51*	*05/28/26 12:52*	*200*
4-Bromofluorobenzene	*120*		*70 - 150*	*05/22/26 17:51*	*05/28/26 12:52*	*200*
Dibromofluoromethane (Surr)	*108*		*68 - 150*	*05/22/26 17:51*	*05/28/26 12:52*	*200*
Toluene-d8 (Surr)	*111*		*64 - 157*	*05/22/26 17:51*	*05/28/26 12:52*	*200*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**13.4**		1.0	1.0	%			05/22/26 16:57	1
Percent Solids (EPA Moisture)	**86.6**		1.0	1.0	%			05/22/26 16:57	1

Client Sample ID: ISS-42_0-4
Lab Sample ID: 460-351592-13

Date Collected: 05/21/26 13:15
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 91.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.0032	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.0080	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
1,4-Dioxane	0.036	U	0.036	0.028	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.016	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.0069	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.017	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.011	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
2,4-Dichlorophenol	0.15	U	0.15	0.022	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
2,4-Dimethylphenol	0.36	U	0.36	0.019	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
2,4-Dinitrophenol	0.29	U	0.29	0.13	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
2,4-Dinitrotoluene	0.073	U	0.073	0.014	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
2,6-Dinitrotoluene	0.073	U	0.073	0.012	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
2-Chloronaphthalene	0.36	U	0.36	0.0039	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
2-Chlorophenol	0.36	U	0.36	0.0093	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
2-Methylnaphthalene	**0.040**	**J**	0.36	0.0053	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
2-Methylphenol	0.22	U	0.22	0.011	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
2-Nitroaniline	0.36	U	0.36	0.021	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
2-Nitrophenol	0.36	U	0.36	0.021	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
3 & 4 Methylphenol	0.22	U	0.22	0.023	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.015	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
3-Nitroaniline	0.36	U	0.36	0.025	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.024	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.0066	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.017	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
4-Chloroaniline	0.36	U	0.36	0.017	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.0096	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
4-Methylphenol	0.36	U	0.36	0.019	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1

Client Sample ID: ISS-42_0-4
Lab Sample ID: 460-351592-13
Date Collected: 05/21/26 13:15
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 91.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	0.36	U	0.36	0.023	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
4-Nitrophenol	0.73	U	0.73	0.046	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
Acenaphthene	0.36	U	0.36	0.0053	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
Acenaphthylene	0.36	U	0.36	0.0045	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
Acetophenone	0.36	U	0.36	0.015	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
Anthracene	0.36	U	0.36	0.0035	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
Atrazine	0.15	U	0.15	0.0095	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
Benzaldehyde	0.36	U	0.36	0.015	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
Benzo[a]anthracene	0.036	U	0.036	0.0034	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
Benzo[a]pyrene	0.036	U	0.036	0.0066	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
Benzo[b]fluoranthene	0.036	U	0.036	0.0054	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.0060	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0054	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.016	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.017	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.012	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
Butyl benzyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
Caprolactam	0.36	U *	0.36	0.022	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
Carbazole	0.36	U	0.36	0.010	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
Chrysene	0.36	U	0.36	0.0040	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.0075	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
Dibenzofuran	0.36	U	0.36	0.0057	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
Diethyl phthalate	0.36	U	0.36	0.0061	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
Dimethyl phthalate	0.36	U	0.36	0.0042	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
Di-n-butyl phthalate	0.36	U	0.36	0.0090	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
Di-n-octyl phthalate	0.36	U	0.36	0.016	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
Fluoranthene	0.36	U	0.36	0.0065	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
Fluorene	0.36	U	0.36	0.0066	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
Hexachlorobenzene	0.036	U	0.036	0.0067	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
Hexachlorobutadiene	0.073	U	0.073	0.0068	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.020	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
Hexachloroethane	0.036	U	0.036	0.0093	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.024	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
Isophorone	0.15	U	0.15	0.0084	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
Naphthalene	**0.041**	**J**	0.36	0.0029	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
Nitrobenzene	0.036	U	0.036	0.016	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.017	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.0063	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
Pentachlorophenol	0.29	U	0.29	0.024	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
Phenanthrene	**0.015**	**J**	0.36	0.0061	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
Phenol	0.22	U	0.22	0.020	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1
Pyrene	0.36	U	0.36	0.0058	mg/Kg	☼	05/23/26 07:46	05/23/26 13:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*67*		*18 - 137*	*05/23/26 07:46*	*05/23/26 13:24*	*1*
2-Fluorobiphenyl	*66*		*33 - 117*	*05/23/26 07:46*	*05/23/26 13:24*	*1*
2-Fluorophenol (Surr)	*78*		*24 - 120*	*05/23/26 07:46*	*05/23/26 13:24*	*1*
Nitrobenzene-d5 (Surr)	*71*		*27 - 120*	*05/23/26 07:46*	*05/23/26 13:24*	*1*
Phenol-d5 (Surr)	*76*		*28 - 118*	*05/23/26 07:46*	*05/23/26 13:24*	*1*
Terphenyl-d14 (Surr)	*67*		*33 - 124*	*05/23/26 07:46*	*05/23/26 13:24*	*1*

Client Sample ID: ISS-42_0-4
Date Collected: 05/21/26 13:15
Date Received: 05/21/26 20:00

Lab Sample ID: 460-351592-13
Matrix: Solid
Percent Solids: 91.3

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0022	U	0.0022	0.00089	mg/Kg	☼	05/22/26 17:47	05/26/26 12:24	1
4,4'-DDE	0.0022	U	0.0022	0.00057	mg/Kg	☼	05/22/26 17:47	05/26/26 12:24	1
4,4'-DDT	0.0022	U	0.0022	0.00074	mg/Kg	☼	05/22/26 17:47	05/26/26 12:24	1
Aldrin	0.0022	U	0.0022	0.00033	mg/Kg	☼	05/22/26 17:47	05/26/26 12:24	1
alpha-BHC	0.0022	U	0.0022	0.00037	mg/Kg	☼	05/22/26 17:47	05/26/26 12:24	1
beta-BHC	0.0022	U	0.0022	0.00044	mg/Kg	☼	05/22/26 17:47	05/26/26 12:24	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	☼	05/22/26 17:47	05/26/26 12:24	1
cis-Chlordane	0.0022	U	0.0022	0.00023	mg/Kg	☼	05/22/26 17:47	05/26/26 12:24	1
delta-BHC	0.0022	U	0.0022	0.00031	mg/Kg	☼	05/22/26 17:47	05/26/26 12:24	1
Dieldrin	0.0022	U	0.0022	0.00063	mg/Kg	☼	05/22/26 17:47	05/26/26 12:24	1
Endosulfan I	0.0022	U	0.0022	0.00027	mg/Kg	☼	05/22/26 17:47	05/26/26 12:24	1
Endosulfan II	0.0022	U	0.0022	0.00038	mg/Kg	☼	05/22/26 17:47	05/26/26 12:24	1
Endosulfan sulfate	0.0022	U	0.0022	0.00048	mg/Kg	☼	05/22/26 17:47	05/26/26 12:24	1
Endrin	0.0022	U	0.0022	0.00021	mg/Kg	☼	05/22/26 17:47	05/26/26 12:24	1
Endrin aldehyde	0.0022	U	0.0022	0.00044	mg/Kg	☼	05/22/26 17:47	05/26/26 12:24	1
Endrin ketone	0.0022	U	0.0022	0.00033	mg/Kg	☼	05/22/26 17:47	05/26/26 12:24	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00021	mg/Kg	☼	05/22/26 17:47	05/26/26 12:24	1
Heptachlor	0.0022	U	0.0022	0.00027	mg/Kg	☼	05/22/26 17:47	05/26/26 12:24	1
Heptachlor epoxide	0.0022	U	0.0022	0.00041	mg/Kg	☼	05/22/26 17:47	05/26/26 12:24	1
Methoxychlor	0.0022	U	0.0022	0.00083	mg/Kg	☼	05/22/26 17:47	05/26/26 12:24	1
Toxaphene	0.073	U	0.073	0.026	mg/Kg	☼	05/22/26 17:47	05/26/26 12:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*135*		*10 - 150*	*05/22/26 17:47*	*05/26/26 12:24*	*1*
DCB Decachlorobiphenyl	*134*		*10 - 150*	*05/22/26 17:47*	*05/26/26 12:24*	*1*
Tetrachloro-m-xylene	*102*		*14 - 150*	*05/22/26 17:47*	*05/26/26 12:24*	*1*
Tetrachloro-m-xylene	*113*		*14 - 150*	*05/22/26 17:47*	*05/26/26 12:24*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.073	U	0.073	0.019	mg/Kg	☼	05/22/26 17:28	05/26/26 23:19	1
Aroclor 1221	0.073	U	0.073	0.019	mg/Kg	☼	05/22/26 17:28	05/26/26 23:19	1
Aroclor 1232	0.073	U	0.073	0.019	mg/Kg	☼	05/22/26 17:28	05/26/26 23:19	1
Aroclor 1242	0.073	U	0.073	0.019	mg/Kg	☼	05/22/26 17:28	05/26/26 23:19	1
Aroclor 1248	0.073	U	0.073	0.019	mg/Kg	☼	05/22/26 17:28	05/26/26 23:19	1
Aroclor 1254	0.073	U	0.073	0.019	mg/Kg	☼	05/22/26 17:28	05/26/26 23:19	1
Aroclor 1260	0.073	U	0.073	0.019	mg/Kg	☼	05/22/26 17:28	05/26/26 23:19	1
Aroclor-1262	0.073	U	0.073	0.019	mg/Kg	☼	05/22/26 17:28	05/26/26 23:19	1
Aroclor 1268	0.073	U	0.073	0.019	mg/Kg	☼	05/22/26 17:28	05/26/26 23:19	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.019	mg/Kg	☼	05/22/26 17:28	05/26/26 23:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*124*		*10 - 150*	*05/22/26 17:28*	*05/26/26 23:19*	*1*
DCB Decachlorobiphenyl	*138*		*10 - 150*	*05/22/26 17:28*	*05/26/26 23:19*	*1*
Tetrachloro-m-xylene	*104*		*10 - 150*	*05/22/26 17:28*	*05/26/26 23:19*	*1*
Tetrachloro-m-xylene	*110*		*10 - 150*	*05/22/26 17:28*	*05/26/26 23:19*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 05:01	1

Client Sample ID: ISS-42_0-4
Date Collected: 05/21/26 13:15
Date Received: 05/21/26 20:00

Lab Sample ID: 460-351592-13
Matrix: Solid
Percent Solids: 91.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 05:01	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 05:01	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 05:01	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.059	ug/Kg	☼	05/25/26 14:57	05/28/26 05:01	1
Perfluorononanoic acid (PFNA)	**0.24**		0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 05:01	1
Perfluorodecanoic acid (PFDA)	**0.074**	**J**	0.20	0.059	ug/Kg	☼	05/25/26 14:57	05/28/26 05:01	1
Perfluoroundecanoic acid (PFUnA)	**1.14**		0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 05:01	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 05:01	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 05:01	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 05:01	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 05:01	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 05:01	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 05:01	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 05:01	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 05:01	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 05:01	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 05:01	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 05:01	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	05/25/26 14:57	05/28/26 05:01	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	05/25/26 14:57	05/28/26 05:01	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.20	ug/Kg	☼	05/25/26 14:57	05/28/26 05:01	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 05:01	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 05:01	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 05:01	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 05:01	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 05:01	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	05/25/26 14:57	05/28/26 05:01	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.98	U	0.98	0.49	ug/Kg	☼	05/25/26 14:57	05/28/26 05:01	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 05:01	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 05:01	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 05:01	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 05:01	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 05:01	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 05:01	1

Client Sample ID: ISS-42_0-4
Date Collected: 05/21/26 13:15
Date Received: 05/21/26 20:00

Lab Sample ID: 460-351592-13
Matrix: Solid
Percent Solids: 91.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 05:01	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.098	ug/Kg	☼	05/25/26 14:57	05/28/26 05:01	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.20	ug/Kg	☼	05/25/26 14:57	05/28/26 05:01	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	05/25/26 14:57	05/28/26 05:01	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.98	U	0.98	0.49	ug/Kg	☼	05/25/26 14:57	05/28/26 05:01	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*126*		*8 - 130*	*05/25/26 14:57*	*05/28/26 05:01*	*1*
13C5 PFPeA	*135*	*	*35 - 130*	*05/25/26 14:57*	*05/28/26 05:01*	*1*
13C5 PFHxA	*127*		*40 - 130*	*05/25/26 14:57*	*05/28/26 05:01*	*1*
13C4 PFHpA	*123*		*40 - 130*	*05/25/26 14:57*	*05/28/26 05:01*	*1*
13C8 PFOA	*104*		*40 - 130*	*05/25/26 14:57*	*05/28/26 05:01*	*1*
13C9 PFNA	*96.7*		*40 - 130*	*05/25/26 14:57*	*05/28/26 05:01*	*1*
13C6 PFDA	*82.2*		*40 - 130*	*05/25/26 14:57*	*05/28/26 05:01*	*1*
13C7 PFUnA	*68.3*		*40 - 130*	*05/25/26 14:57*	*05/28/26 05:01*	*1*
13C2 PFTeDA	*17.2*	*	*20 - 130*	*05/25/26 14:57*	*05/28/26 05:01*	*1*
13C3 PFBS	*119*		*40 - 135*	*05/25/26 14:57*	*05/28/26 05:01*	*1*
13C3 PFHxS	*104*		*40 - 130*	*05/25/26 14:57*	*05/28/26 05:01*	*1*
13C8 PFOS	*74.3*		*40 - 130*	*05/25/26 14:57*	*05/28/26 05:01*	*1*
13C8 FOSA	*87.5*		*40 - 130*	*05/25/26 14:57*	*05/28/26 05:01*	*1*
d3-NMeFOSAA	*65.6*		*40 - 135*	*05/25/26 14:57*	*05/28/26 05:01*	*1*
d5-NEtFOSAA	*60.2*		*40 - 150*	*05/25/26 14:57*	*05/28/26 05:01*	*1*
13C2 4:2 FTS	*251*	*	*40 - 165*	*05/25/26 14:57*	*05/28/26 05:01*	*1*
13C2 6:2 FTS	*230*	*	*40 - 215*	*05/25/26 14:57*	*05/28/26 05:01*	*1*
13C2 8:2 FTS	*232*		*40 - 275*	*05/25/26 14:57*	*05/28/26 05:01*	*1*
13C3 HFPO-DA	*124*		*40 - 130*	*05/25/26 14:57*	*05/28/26 05:01*	*1*
d7-N-MeFOSE-M	*41.9*		*20 - 130*	*05/25/26 14:57*	*05/28/26 05:01*	*1*
d9-N-EtFOSE-M	*30.0*		*15 - 130*	*05/25/26 14:57*	*05/28/26 05:01*	*1*
d5-NEtPFOSA	*58.6*		*10 - 130*	*05/25/26 14:57*	*05/28/26 05:01*	*1*
d3-NMePFOSA	*64.0*		*10 - 130*	*05/25/26 14:57*	*05/28/26 05:01*	*1*
13C2 PFDoA	*40.8*		*40 - 130*	*05/25/26 14:57*	*05/28/26 05:01*	*1*
13C3-3:3 FTCA	*141*		*20 - 150*	*05/25/26 14:57*	*05/28/26 05:01*	*1*
13C3-5:3 FTCA	*100*		*20 - 150*	*05/25/26 14:57*	*05/28/26 05:01*	*1*
13C3-PFDoS	*20.1*		*20 - 150*	*05/25/26 14:57*	*05/28/26 05:01*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**3480**		20.3	5.6	mg/Kg	☼	05/23/26 23:36	05/26/26 13:28	1
Antimony	**0.28**	**J**	1.0	0.061	mg/Kg	☼	05/23/26 23:36	05/26/26 13:28	1
Arsenic	**4.5**		1.0	0.10	mg/Kg	☼	05/23/26 23:36	05/26/26 13:28	1
Barium	**21.7**		2.0	0.15	mg/Kg	☼	05/23/26 23:36	05/26/26 13:28	1
Beryllium	**0.31**	**J**	0.41	0.022	mg/Kg	☼	05/23/26 23:36	05/26/26 13:28	1
Cadmium	0.51	U	0.51	0.11	mg/Kg	☼	05/23/26 23:36	05/26/26 13:28	1
Calcium	**470**		101	9.9	mg/Kg	☼	05/23/26 23:36	05/26/26 13:28	1
Chromium	**7.6**		2.0	0.30	mg/Kg	☼	05/23/26 23:36	05/26/26 13:28	1
Cobalt	**2.9**		1.0	0.15	mg/Kg	☼	05/23/26 23:36	05/26/26 13:28	1
Copper	**19.2**		2.0	0.37	mg/Kg	☼	05/23/26 23:36	05/26/26 13:28	1

Client Sample ID: ISS-42_0-4

Lab Sample ID: 460-351592-13

Date Collected: 05/21/26 13:15
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 91.3

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	10700		60.9	7.8	mg/Kg	☼	05/23/26 23:36	05/26/26 13:28	1
Lead	16.1		0.61	0.20	mg/Kg	☼	05/23/26 23:36	05/26/26 13:28	1
Magnesium	792		101	10.3	mg/Kg	☼	05/23/26 23:36	05/26/26 13:28	1
Manganese	87.4		4.1	0.41	mg/Kg	☼	05/23/26 23:36	05/26/26 13:28	1
Nickel	5.3		2.0	0.18	mg/Kg	☼	05/23/26 23:36	05/26/26 13:28	1
Potassium	512		101	6.3	mg/Kg	☼	05/23/26 23:36	05/26/26 13:28	1
Selenium	0.17	J	1.3	0.13	mg/Kg	☼	05/23/26 23:36	05/26/26 13:28	1
Silver	0.41	U	0.41	0.090	mg/Kg	☼	05/23/26 23:36	05/26/26 13:28	1
Sodium	41.4	J	101	17.5	mg/Kg	☼	05/23/26 23:36	05/26/26 13:28	1
Thallium	0.41	U	0.41	0.042	mg/Kg	☼	05/23/26 23:36	05/26/26 13:28	1
Vanadium	12.6		2.0	0.21	mg/Kg	☼	05/23/26 23:36	05/26/26 13:28	1
Zinc	22.2		8.1	1.1	mg/Kg	☼	05/23/26 23:36	05/26/26 13:28	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.019		0.016	0.0058	mg/Kg	☼	05/28/26 01:02	05/28/26 06:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	8.7		1.0	1.0	%			05/22/26 19:18	1
Percent Solids (EPA Moisture)	91.3		1.0	1.0	%			05/22/26 19:18	1

Client Sample ID: ISS-45_A

Lab Sample ID: 460-351592-14

Date Collected: 05/21/26 14:00
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 87.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00068	U	0.00068	0.00016	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
1,1,2,2-Tetrachloroethane	0.00068	U	0.00068	0.00036	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00068	U	0.00068	0.00020	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
1,1,2-Trichloroethane	0.00068	U	0.00068	0.00041	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
1,1-Dichloroethane	0.00068	U	0.00068	0.00041	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
1,1-Dichloroethene	0.00068	U	0.00068	0.00015	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
1,2,3-Trichlorobenzene	0.00068	U	0.00068	0.00050	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
1,2,4-Trichlorobenzene	0.00068	U	0.00068	0.00024	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
1,2,4-Trimethylbenzene	0.00068	U	0.00068	0.00017	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
1,2-Dibromo-3-Chloropropane	0.00068	U	0.00068	0.00031	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
1,2-Dichlorobenzene	0.00068	U	0.00068	0.00025	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
1,2-Dichloroethane	0.00068	U	0.00068	0.00020	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
1,2-Dichloropropane	0.00068	U	0.00068	0.00029	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
1,3,5-Trimethylbenzene	0.00068	U	0.00068	0.00021	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
1,3-Dichlorobenzene	0.00068	U	0.00068	0.00025	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
1,4-Dichlorobenzene	0.00068	U	0.00068	0.00035	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
2-Butanone (MEK)	0.0034	U	0.0034	0.00025	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
2-Hexanone	0.0034	U	0.0034	0.0012	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
4-Methyl-2-pentanone (MIBK)	0.0034	U	0.0034	0.0011	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
Acetone	0.0067		0.0041	0.0039	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
Benzene	0.00068	U	0.00068	0.00039	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
Bromoform	0.00068	U *	0.00068	0.00029	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1

Client Sample ID: ISS-45_A
Lab Sample ID: 460-351592-14
Date Collected: 05/21/26 14:00
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 87.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	0.0014	U	0.0014	0.00068	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
Carbon disulfide	0.00068	U	0.00068	0.00018	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
Carbon tetrachloride	0.00068	U	0.00068	0.00026	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
Chlorobenzene	0.00068	U	0.00068	0.00034	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
Chlorobromomethane	0.00068	U	0.00068	0.00041	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
Chlorodibromomethane	0.00068	U *	0.00068	0.00037	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
Chloroethane	0.00068	U	0.00068	0.00036	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
Chloroform	0.00068	U	0.00068	0.00066	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
Chloromethane	0.00068	U	0.00068	0.00030	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
cis-1,2-Dichloroethene	0.00068	U	0.00068	0.00024	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
cis-1,3-Dichloropropene	0.00068	U	0.00068	0.00019	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
Cyclohexane	0.00068	U	0.00068	0.00015	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
Dichlorobromomethane	0.00068	U	0.00068	0.00017	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
Dichlorodifluoromethane	0.00068	U	0.00068	0.00023	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
Ethylbenzene	0.00068	U	0.00068	0.00032	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
Ethylene Dibromide	0.00068	U	0.00068	0.00034	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
Isopropylbenzene	0.00068	U	0.00068	0.00019	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
Methyl acetate	0.0034	U	0.0034	0.0029	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
Methyl tert-butyl ether	0.00068	U	0.00068	0.00035	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
Methylcyclohexane	**0.00057**	**J**	0.00068	0.00034	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
Methylene Chloride	0.0014	U	0.0014	0.00078	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
m-Xylene & p-Xylene	0.00068	U	0.00068	0.00029	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
n-Butylbenzene	0.00068	U	0.00068	0.00020	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
N-Propylbenzene	0.00068	U	0.00068	0.00031	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
o-Xylene	0.00068	U	0.00068	0.00031	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
sec-Butylbenzene	0.00068	U	0.00068	0.00020	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
Styrene	0.00068	U	0.00068	0.00019	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
tert-Butylbenzene	0.00068	U	0.00068	0.00019	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
Tetrachloroethene	0.00068	U	0.00068	0.00021	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
Toluene	0.00068	U	0.00068	0.00016	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
trans-1,2-Dichloroethene	0.00068	U	0.00068	0.00017	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
trans-1,3-Dichloropropene	0.00068	U	0.00068	0.00018	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
Trichloroethene	0.00068	U	0.00068	0.00022	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
Trichlorofluoromethane	0.00068	U	0.00068	0.00028	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
Vinyl chloride	0.00068	U	0.00068	0.00037	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1
Xylenes, Total	0.0014	U	0.0014	0.00029	mg/Kg	☼	05/22/26 18:09	05/24/26 14:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*	*05/22/26 18:09*	*05/24/26 14:26*	*1*
4-Bromofluorobenzene	*102*		*71 - 128*	*05/22/26 18:09*	*05/24/26 14:26*	*1*
Dibromofluoromethane (Surr)	*104*		*65 - 139*	*05/22/26 18:09*	*05/24/26 14:26*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*	*05/22/26 18:09*	*05/24/26 14:26*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.4**		1.0	1.0	%			05/22/26 16:57	1
Percent Solids (EPA Moisture)	**87.6**		1.0	1.0	%			05/22/26 16:57	1

Client: Haley & Aldrich Inc
Project/Site: Former Port Mobil

Job ID: 460-351592-1

Client Sample ID: ISS-45_B
Date Collected: 05/21/26 14:05
Date Received: 05/21/26 20:00

Lab Sample ID: 460-351592-15
Matrix: Solid
Percent Solids: 89.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00076	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
1,2,4-Trimethylbenzene	**0.0069**		0.0010	0.00025	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00047	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
1,3,5-Trimethylbenzene	**0.0097**		0.0010	0.00032	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
2-Butanone (MEK)	0.0051	U	0.0051	0.00038	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
2-Hexanone	0.0051	U	0.0051	0.0018	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
4-Methyl-2-pentanone (MIBK)	0.0051	U	0.0051	0.0016	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
Acetone	**0.043**		0.0061	0.0059	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
Benzene	0.0010	U	0.0010	0.00058	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
Bromoform	0.0010	U *	0.0010	0.00044	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
Carbon disulfide	**0.00076**	**J**	0.0010	0.00027	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
Chlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
Chlorobromomethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
Chlorodibromomethane	0.0010	U *	0.0010	0.00055	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
Chloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
Chloroform	0.0010	U	0.0010	0.00099	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
Cyclohexane	**0.054**		0.0010	0.00023	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
Ethylbenzene	**0.0018**		0.0010	0.00048	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
Ethylene Dibromide	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
Isopropylbenzene	**0.0065**		0.0010	0.00029	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
Methyl acetate	0.0051	U	0.0051	0.0044	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
Methylene Chloride	0.0020	U	0.0020	0.0012	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
m-Xylene & p-Xylene	**0.0047**		0.0010	0.00043	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
n-Butylbenzene	**0.014**		0.0010	0.00030	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
N-Propylbenzene	**0.0088**		0.0010	0.00046	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
o-Xylene	**0.0041**		0.0010	0.00047	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
sec-Butylbenzene	**0.0094**		0.0010	0.00029	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
tert-Butylbenzene	**0.0025**		0.0010	0.00028	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1

Client Sample ID: ISS-45_B

Lab Sample ID: 460-351592-15

Date Collected: 05/21/26 14:05
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 89.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
Toluene	**0.00092**	**J**	0.0010	0.00024	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
Vinyl chloride	0.0010	U	0.0010	0.00056	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1
Xylenes, Total	**0.0089**		0.0020	0.00043	mg/Kg	☼	05/22/26 18:10	05/24/26 14:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*	*05/22/26 18:10*	*05/24/26 14:54*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*05/22/26 18:10*	*05/24/26 14:54*	*1*
Dibromofluoromethane (Surr)	*102*		*65 - 139*	*05/22/26 18:10*	*05/24/26 14:54*	*1*
Toluene-d8 (Surr)	*140*	*	*71 - 126*	*05/22/26 18:10*	*05/24/26 14:54*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	**0.94**		0.11	0.079	mg/Kg	☼	05/22/26 17:52	05/28/26 12:29	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*60 - 150*	*05/22/26 17:52*	*05/28/26 12:29*	*50*
4-Bromofluorobenzene	*93*		*70 - 150*	*05/22/26 17:52*	*05/28/26 12:29*	*50*
Dibromofluoromethane (Surr)	*87*		*68 - 150*	*05/22/26 17:52*	*05/28/26 12:29*	*50*
Toluene-d8 (Surr)	*88*		*64 - 157*	*05/22/26 17:52*	*05/28/26 12:29*	*50*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.4**		1.0	1.0	%			05/22/26 16:57	1
Percent Solids (EPA Moisture)	**89.6**		1.0	1.0	%			05/22/26 16:57	1

Client Sample ID: ISS-45_C

Lab Sample ID: 460-351592-16

Date Collected: 05/21/26 14:10
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 87.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00063	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00077	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
1,2,4-Trimethylbenzene	**0.00052**	**J**	0.0010	0.00026	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00033	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1

Client Sample ID: ISS-45_C
Lab Sample ID: 460-351592-16
Date Collected: 05/21/26 14:10
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 87.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00054	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
2-Butanone (MEK)	0.0052	U	0.0052	0.00038	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
2-Hexanone	0.0052	U	0.0052	0.0018	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
4-Methyl-2-pentanone (MIBK)	0.0052	U	0.0052	0.0016	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
Acetone	**0.0077**		0.0062	0.0059	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
Benzene	0.0010	U	0.0010	0.00059	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
Bromoform	0.0010	U *	0.0010	0.00044	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
Carbon disulfide	**0.0024**		0.0010	0.00028	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
Carbon tetrachloride	0.0010	U *	0.0010	0.00040	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
Chlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
Chlorobromomethane	0.0010	U	0.0010	0.00062	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
Chlorodibromomethane	0.0010	U *	0.0010	0.00056	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
Ethylbenzene	0.0010	U	0.0010	0.00049	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
Ethylene Dibromide	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
Isopropylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
Methyl acetate	0.0052	U	0.0052	0.0045	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00053	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
Methylcyclohexane	**0.0017**		0.0010	0.00052	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
m-Xylene & p-Xylene	**0.00070**	**J**	0.0010	0.00044	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
n-Butylbenzene	0.0010	U	0.0010	0.00031	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
N-Propylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
o-Xylene	0.0010	U	0.0010	0.00048	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
sec-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
tert-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
Tetrachloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
Vinyl chloride	0.0010	U	0.0010	0.00057	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1
Xylenes, Total	**0.00070**	**J**	0.0021	0.00044	mg/Kg	☼	05/22/26 18:11	05/26/26 22:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*	*05/22/26 18:11*	*05/26/26 22:02*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*05/22/26 18:11*	*05/26/26 22:02*	*1*
Dibromofluoromethane (Surr)	*98*		*65 - 139*	*05/22/26 18:11*	*05/26/26 22:02*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*	*05/22/26 18:11*	*05/26/26 22:02*	*1*

Client Sample ID: ISS-45_C
Lab Sample ID: 460-351592-16

Date Collected: 05/21/26 14:10
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 87.5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.5**		1.0	1.0	%			05/22/26 16:57	1
Percent Solids (EPA Moisture)	**87.5**		1.0	1.0	%			05/22/26 16:57	1

Client Sample ID: ISS-45_D
Lab Sample ID: 460-351592-17

Date Collected: 05/21/26 14:15
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 86.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00075	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
1,2,4-Trimethylbenzene	**0.032**		0.0010	0.00025	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00047	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
1,3,5-Trimethylbenzene	**0.020**		0.0010	0.00032	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
2-Butanone (MEK)	**0.0035**	**J**	0.0051	0.00038	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
2-Hexanone	0.0051	U	0.0051	0.0017	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
4-Methyl-2-pentanone (MIBK)	0.0051	U	0.0051	0.0016	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
Acetone	**0.020**		0.0061	0.0058	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
Benzene	0.0010	U	0.0010	0.00058	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
Bromoform	0.0010	U *	0.0010	0.00043	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
Carbon disulfide	**0.0027**		0.0010	0.00027	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
Carbon tetrachloride	0.0010	U *	0.0010	0.00039	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
Chlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
Chlorobromomethane	0.0010	U	0.0010	0.00061	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
Chlorodibromomethane	0.0010	U *	0.0010	0.00055	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
Chloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
Chloroform	0.0010	U	0.0010	0.00099	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
Ethylbenzene	**0.0014**		0.0010	0.00048	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
Ethylene Dibromide	0.0010	U	0.0010	0.00051	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
Methyl acetate	0.0051	U	0.0051	0.0044	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00052	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1

Client Sample ID: ISS-45_D

Lab Sample ID: 460-351592-17

Date Collected: 05/21/26 14:15
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 86.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	**0.0013**		0.0010	0.00051	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
Methylene Chloride	0.0020	U	0.0020	0.0012	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
m-Xylene & p-Xylene	**0.0070**		0.0010	0.00043	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
n-Butylbenzene	**0.0030**		0.0010	0.00030	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
N-Propylbenzene	**0.0013**		0.0010	0.00046	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
o-Xylene	**0.0058**		0.0010	0.00047	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
sec-Butylbenzene	**0.00064**	**J**	0.0010	0.00029	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
Toluene	**0.00096**	**J**	0.0010	0.00024	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
Vinyl chloride	0.0010	U	0.0010	0.00056	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1
Xylenes, Total	**0.013**		0.0020	0.00043	mg/Kg	☼	05/22/26 18:11	05/27/26 08:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*	*05/22/26 18:11*	*05/27/26 08:56*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*05/22/26 18:11*	*05/27/26 08:56*	*1*
Dibromofluoromethane (Surr)	*69*		*65 - 139*	*05/22/26 18:11*	*05/27/26 08:56*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*	*05/22/26 18:11*	*05/27/26 08:56*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**13.2**		1.0	1.0	%			05/22/26 16:57	1
Percent Solids (EPA Moisture)	**86.8**		1.0	1.0	%			05/22/26 16:57	1

Client Sample ID: ISS-45_0-4

Lab Sample ID: 460-351592-18

Date Collected: 05/21/26 14:20
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 85.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.39	U	0.39	0.0034	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
1,2,4,5-Tetrachlorobenzene	0.39	U	0.39	0.0086	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
1,4-Dioxane	0.039	U	0.039	0.030	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
2,2'-oxybis[1-chloropropane]	0.39	U	0.39	0.017	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
2,3,4,6-Tetrachlorophenol	0.39	U	0.39	0.0074	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
2,4,5-Trichlorophenol	0.39	U	0.39	0.018	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
2,4,6-Trichlorophenol	0.16	U	0.16	0.012	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
2,4-Dichlorophenol	0.16	U	0.16	0.023	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
2,4-Dimethylphenol	0.39	U	0.39	0.021	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
2,4-Dinitrophenol	0.31	U	0.31	0.14	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
2,4-Dinitrotoluene	0.079	U	0.079	0.015	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
2,6-Dinitrotoluene	0.079	U	0.079	0.013	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
2-Chloronaphthalene	0.39	U	0.39	0.0042	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
2-Chlorophenol	0.39	U	0.39	0.010	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
2-Methylnaphthalene	**0.019**	**J**	0.39	0.0057	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1

Client Sample ID: ISS-45_0-4
Date Collected: 05/21/26 14:20
Date Received: 05/21/26 20:00

Lab Sample ID: 460-351592-18
Matrix: Solid
Percent Solids: 85.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	0.23	U	0.23	0.011	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
2-Nitroaniline	0.39	U	0.39	0.023	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
2-Nitrophenol	0.39	U	0.39	0.023	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
3 & 4 Methylphenol	0.23	U	0.23	0.024	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
3,3'-Dichlorobenzidine	0.16	U	0.16	0.016	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
3-Nitroaniline	0.39	U	0.39	0.027	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
4,6-Dinitro-2-methylphenol	0.31	U	0.31	0.026	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
4-Bromophenyl phenyl ether	0.39	U	0.39	0.0071	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
4-Chloro-3-methylphenol	0.39	U	0.39	0.018	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
4-Chloroaniline	0.39	U	0.39	0.018	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
4-Chlorophenyl phenyl ether	0.39	U	0.39	0.010	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
4-Methylphenol	0.39	U	0.39	0.020	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
4-Nitroaniline	0.39	U	0.39	0.025	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
4-Nitrophenol	0.79	U	0.79	0.050	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
Acenaphthene	0.39	U	0.39	0.0057	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
Acenaphthylene	0.39	U	0.39	0.0048	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
Acetophenone	0.39	U	0.39	0.016	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
Anthracene	0.39	U	0.39	0.0038	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
Atrazine	0.16	U	0.16	0.010	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
Benzaldehyde	0.39	U	0.39	0.016	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
Benzo[a]anthracene	0.039	U	0.039	0.0036	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
Benzo[a]pyrene	0.039	U	0.039	0.0071	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
Benzo[b]fluoranthene	0.039	U	0.039	0.0058	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
Benzo[g,h,i]perylene	0.39	U	0.39	0.0065	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
Benzo[k]fluoranthene	0.039	U	0.039	0.0059	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
Bis(2-chloroethoxy)methane	0.39	U	0.39	0.017	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
Bis(2-chloroethyl)ether	0.039	U	0.039	0.018	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
Bis(2-ethylhexyl) phthalate	0.39	U	0.39	0.013	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
Butyl benzyl phthalate	0.39	U	0.39	0.013	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
Caprolactam	0.39	U *	0.39	0.024	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
Carbazole	0.39	U	0.39	0.011	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
Chrysene	0.39	U	0.39	0.0043	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
Dibenz(a,h)anthracene	0.039	U	0.039	0.0080	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
Dibenzofuran	0.39	U	0.39	0.0061	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
Diethyl phthalate	0.39	U	0.39	0.0066	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
Dimethyl phthalate	0.39	U	0.39	0.0045	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
Di-n-butyl phthalate	0.39	U	0.39	0.0097	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
Di-n-octyl phthalate	0.39	U	0.39	0.017	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
Fluoranthene	0.39	U	0.39	0.0069	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
Fluorene	**0.0091**	**J**	0.39	0.0071	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
Hexachlorobenzene	0.039	U	0.039	0.0072	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
Hexachlorobutadiene	0.079	U	0.079	0.0074	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
Hexachlorocyclopentadiene	0.39	U	0.39	0.022	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
Hexachloroethane	0.039	U	0.039	0.010	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
Indeno[1,2,3-cd]pyrene	0.039	U	0.039	0.026	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
Isophorone	0.16	U	0.16	0.0090	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
Naphthalene	0.39	U	0.39	0.0031	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
Nitrobenzene	0.039	U	0.039	0.017	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
N-Nitrosodi-n-propylamine	0.039	U	0.039	0.018	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1

Client Sample ID: ISS-45_0-4
Date Collected: 05/21/26 14:20
Date Received: 05/21/26 20:00

Lab Sample ID: 460-351592-18
Matrix: Solid
Percent Solids: 85.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	0.39	U	0.39	0.0068	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
Pentachlorophenol	0.31	U	0.31	0.026	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
Phenanthrene	**0.026**	**J**	0.39	0.0066	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
Phenol	0.23	U	0.23	0.022	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1
Pyrene	**0.019**	**J**	0.39	0.0063	mg/Kg	☼	05/23/26 07:46	05/23/26 13:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	62		18 - 137	05/23/26 07:46	05/23/26 13:47	1
2-Fluorobiphenyl	59		33 - 117	05/23/26 07:46	05/23/26 13:47	1
2-Fluorophenol (Surr)	67		24 - 120	05/23/26 07:46	05/23/26 13:47	1
Nitrobenzene-d5 (Surr)	62		27 - 120	05/23/26 07:46	05/23/26 13:47	1
Phenol-d5 (Surr)	67		28 - 118	05/23/26 07:46	05/23/26 13:47	1
Terphenyl-d14 (Surr)	62		33 - 124	05/23/26 07:46	05/23/26 13:47	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0023	U	0.0023	0.00095	mg/Kg	☼	05/22/26 17:47	05/26/26 12:37	1
4,4'-DDE	0.0023	U	0.0023	0.00061	mg/Kg	☼	05/22/26 17:47	05/26/26 12:37	1
4,4'-DDT	0.0023	U	0.0023	0.00079	mg/Kg	☼	05/22/26 17:47	05/26/26 12:37	1
Aldrin	0.0023	U	0.0023	0.00035	mg/Kg	☼	05/22/26 17:47	05/26/26 12:37	1
alpha-BHC	0.0023	U	0.0023	0.00039	mg/Kg	☼	05/22/26 17:47	05/26/26 12:37	1
beta-BHC	0.0023	U	0.0023	0.00047	mg/Kg	☼	05/22/26 17:47	05/26/26 12:37	1
Chlordane (technical)	0.078	U	0.078	0.019	mg/Kg	☼	05/22/26 17:47	05/26/26 12:37	1
cis-Chlordane	0.0023	U	0.0023	0.00024	mg/Kg	☼	05/22/26 17:47	05/26/26 12:37	1
delta-BHC	0.0023	U	0.0023	0.00033	mg/Kg	☼	05/22/26 17:47	05/26/26 12:37	1
Dieldrin	0.0023	U	0.0023	0.00067	mg/Kg	☼	05/22/26 17:47	05/26/26 12:37	1
Endosulfan I	0.0023	U	0.0023	0.00029	mg/Kg	☼	05/22/26 17:47	05/26/26 12:37	1
Endosulfan II	0.0023	U	0.0023	0.00040	mg/Kg	☼	05/22/26 17:47	05/26/26 12:37	1
Endosulfan sulfate	0.0023	U	0.0023	0.00051	mg/Kg	☼	05/22/26 17:47	05/26/26 12:37	1
Endrin	0.0023	U	0.0023	0.00023	mg/Kg	☼	05/22/26 17:47	05/26/26 12:37	1
Endrin aldehyde	0.0023	U	0.0023	0.00047	mg/Kg	☼	05/22/26 17:47	05/26/26 12:37	1
Endrin ketone	0.0023	U	0.0023	0.00036	mg/Kg	☼	05/22/26 17:47	05/26/26 12:37	1
gamma-BHC (Lindane)	0.0023	U	0.0023	0.00023	mg/Kg	☼	05/22/26 17:47	05/26/26 12:37	1
Heptachlor	0.0023	U	0.0023	0.00029	mg/Kg	☼	05/22/26 17:47	05/26/26 12:37	1
Heptachlor epoxide	0.0023	U	0.0023	0.00044	mg/Kg	☼	05/22/26 17:47	05/26/26 12:37	1
Methoxychlor	0.0023	U	0.0023	0.00089	mg/Kg	☼	05/22/26 17:47	05/26/26 12:37	1
Toxaphene	0.078	U	0.078	0.028	mg/Kg	☼	05/22/26 17:47	05/26/26 12:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	143		10 - 150	05/22/26 17:47	05/26/26 12:37	1
DCB Decachlorobiphenyl	141		10 - 150	05/22/26 17:47	05/26/26 12:37	1
Tetrachloro-m-xylene	111		14 - 150	05/22/26 17:47	05/26/26 12:37	1
Tetrachloro-m-xylene	114		14 - 150	05/22/26 17:47	05/26/26 12:37	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.078	U	0.078	0.021	mg/Kg	☼	05/22/26 17:28	05/26/26 23:36	1
Aroclor 1221	0.078	U	0.078	0.021	mg/Kg	☼	05/22/26 17:28	05/26/26 23:36	1
Aroclor 1232	0.078	U	0.078	0.021	mg/Kg	☼	05/22/26 17:28	05/26/26 23:36	1
Aroclor 1242	0.078	U	0.078	0.021	mg/Kg	☼	05/22/26 17:28	05/26/26 23:36	1

Client Sample ID: ISS-45_0-4
Lab Sample ID: 460-351592-18
Date Collected: 05/21/26 14:20
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 85.2

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1248	0.078	U	0.078	0.021	mg/Kg	☼	05/22/26 17:28	05/26/26 23:36	1
Aroclor 1254	0.078	U	0.078	0.021	mg/Kg	☼	05/22/26 17:28	05/26/26 23:36	1
Aroclor 1260	0.078	U	0.078	0.021	mg/Kg	☼	05/22/26 17:28	05/26/26 23:36	1
Aroclor-1262	0.078	U	0.078	0.021	mg/Kg	☼	05/22/26 17:28	05/26/26 23:36	1
Aroclor 1268	0.078	U	0.078	0.021	mg/Kg	☼	05/22/26 17:28	05/26/26 23:36	1
Polychlorinated biphenyls, Total	0.078	U	0.078	0.021	mg/Kg	☼	05/22/26 17:28	05/26/26 23:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*130*		*10 - 150*	*05/22/26 17:28*	*05/26/26 23:36*	*1*
DCB Decachlorobiphenyl	*139*		*10 - 150*	*05/22/26 17:28*	*05/26/26 23:36*	*1*
Tetrachloro-m-xylene	*112*		*10 - 150*	*05/22/26 17:28*	*05/26/26 23:36*	*1*
Tetrachloro-m-xylene	*112*		*10 - 150*	*05/22/26 17:28*	*05/26/26 23:36*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.39	U	0.39	0.097	ug/Kg	☼	05/28/26 15:34	06/01/26 05:07	1
Perfluoropentanoic acid (PFPeA)	0.19	U	0.19	0.097	ug/Kg	☼	05/28/26 15:34	06/01/26 05:07	1
Perfluorohexanoic acid (PFHxA)	0.19	U	0.19	0.097	ug/Kg	☼	05/28/26 15:34	06/01/26 05:07	1
Perfluoroheptanoic acid (PFHpA)	0.19	U	0.19	0.097	ug/Kg	☼	05/28/26 15:34	06/01/26 05:07	1
Perfluorooctanoic acid (PFOA)	0.19	U	0.19	0.058	ug/Kg	☼	05/28/26 15:34	06/01/26 05:07	1
Perfluorononanoic acid (PFNA)	**0.49**		0.19	0.097	ug/Kg	☼	05/28/26 15:34	06/01/26 05:07	1
Perfluorodecanoic acid (PFDA)	**0.11**	**J**	0.19	0.058	ug/Kg	☼	05/28/26 15:34	06/01/26 05:07	1
Perfluoroundecanoic acid (PFUnA)	**1.45**		0.19	0.097	ug/Kg	☼	05/28/26 15:34	06/01/26 05:07	1
Perfluorododecanoic acid (PFDoA)	0.19	U	0.19	0.097	ug/Kg	☼	05/28/26 15:34	06/01/26 05:07	1
Perfluorotridecanoic acid (PFTrDA)	0.19	U	0.19	0.097	ug/Kg	☼	05/28/26 15:34	06/01/26 05:07	1
Perfluorotetradecanoic acid (PFTeDA)	0.19	U	0.19	0.097	ug/Kg	☼	05/28/26 15:34	06/01/26 05:07	1
Perfluorobutanesulfonic acid (PFBS)	0.19	U	0.19	0.097	ug/Kg	☼	05/28/26 15:34	06/01/26 05:07	1
Perfluoropentanesulfonic acid (PFPeS)	0.19	U	0.19	0.097	ug/Kg	☼	05/28/26 15:34	06/01/26 05:07	1
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	0.19	0.097	ug/Kg	☼	05/28/26 15:34	06/01/26 05:07	1
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	0.19	0.097	ug/Kg	☼	05/28/26 15:34	06/01/26 05:07	1
Perfluorooctanesulfonic acid (PFOS)	0.19	U	0.19	0.097	ug/Kg	☼	05/28/26 15:34	06/01/26 05:07	1
Perfluorononanesulfonic acid (PFNS)	0.19	U	0.19	0.097	ug/Kg	☼	05/28/26 15:34	06/01/26 05:07	1
Perfluorodecanesulfonic acid (PFDS)	0.19	U	0.19	0.097	ug/Kg	☼	05/28/26 15:34	06/01/26 05:07	1
Perfluorododecanesulfonic acid (PFDoS)	0.19	U	0.19	0.097	ug/Kg	☼	05/28/26 15:34	06/01/26 05:07	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	05/28/26 15:34	06/01/26 05:07	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	05/28/26 15:34	06/01/26 05:07	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	0.39	0.19	ug/Kg	☼	05/28/26 15:34	06/01/26 05:07	1
Perfluorooctanesulfonamide (PFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	05/28/26 15:34	06/01/26 05:07	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	05/28/26 15:34	06/01/26 05:07	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.19	U	0.19	0.097	ug/Kg	☼	05/28/26 15:34	06/01/26 05:07	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	05/28/26 15:34	06/01/26 05:07	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.19	U	0.19	0.097	ug/Kg	☼	05/28/26 15:34	06/01/26 05:07	1

Client Sample ID: ISS-45_0-4
Lab Sample ID: 460-351592-18
Date Collected: 05/21/26 14:20
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 85.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.97	U	0.97	0.49	ug/Kg	☼	05/28/26 15:34	06/01/26 05:07	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.97	U	0.97	0.49	ug/Kg	☼	05/28/26 15:34	06/01/26 05:07	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.19	U	0.19	0.097	ug/Kg	☼	05/28/26 15:34	06/01/26 05:07	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.19	U	0.19	0.097	ug/Kg	☼	05/28/26 15:34	06/01/26 05:07	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.19	U	0.19	0.097	ug/Kg	☼	05/28/26 15:34	06/01/26 05:07	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.19	U	0.19	0.097	ug/Kg	☼	05/28/26 15:34	06/01/26 05:07	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.19	U	0.19	0.097	ug/Kg	☼	05/28/26 15:34	06/01/26 05:07	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.19	U	0.19	0.097	ug/Kg	☼	05/28/26 15:34	06/01/26 05:07	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.19	U	0.19	0.097	ug/Kg	☼	05/28/26 15:34	06/01/26 05:07	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.19	U	0.19	0.097	ug/Kg	☼	05/28/26 15:34	06/01/26 05:07	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	0.39	0.19	ug/Kg	☼	05/28/26 15:34	06/01/26 05:07	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.97	U	0.97	0.49	ug/Kg	☼	05/28/26 15:34	06/01/26 05:07	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.97	U	0.97	0.49	ug/Kg	☼	05/28/26 15:34	06/01/26 05:07	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*88.1*		*8 - 130*	*05/28/26 15:34*	*06/01/26 05:07*	*1*
13C5 PFPeA	*74.9*		*35 - 130*	*05/28/26 15:34*	*06/01/26 05:07*	*1*
13C5 PFHxA	*68.5*		*40 - 130*	*05/28/26 15:34*	*06/01/26 05:07*	*1*
13C4 PFHpA	*67.4*		*40 - 130*	*05/28/26 15:34*	*06/01/26 05:07*	*1*
13C8 PFOA	*88.4*		*40 - 130*	*05/28/26 15:34*	*06/01/26 05:07*	*1*
13C9 PFNA	*89.3*		*40 - 130*	*05/28/26 15:34*	*06/01/26 05:07*	*1*
13C6 PFDA	*87.1*		*40 - 130*	*05/28/26 15:34*	*06/01/26 05:07*	*1*
13C7 PFUnA	*83.3*		*40 - 130*	*05/28/26 15:34*	*06/01/26 05:07*	*1*
13C2 PFTeDA	*51.3*		*20 - 130*	*05/28/26 15:34*	*06/01/26 05:07*	*1*
13C3 PFBS	*87.7*		*40 - 135*	*05/28/26 15:34*	*06/01/26 05:07*	*1*
13C3 PFHxS	*84.3*		*40 - 130*	*05/28/26 15:34*	*06/01/26 05:07*	*1*
13C8 PFOS	*80.8*		*40 - 130*	*05/28/26 15:34*	*06/01/26 05:07*	*1*
13C8 FOSA	*91.4*		*40 - 130*	*05/28/26 15:34*	*06/01/26 05:07*	*1*
d3-NMeFOSAA	*81.5*		*40 - 135*	*05/28/26 15:34*	*06/01/26 05:07*	*1*
d5-NEtFOSAA	*81.7*		*40 - 150*	*05/28/26 15:34*	*06/01/26 05:07*	*1*
13C2 4:2 FTS	*114*		*40 - 165*	*05/28/26 15:34*	*06/01/26 05:07*	*1*
13C2 6:2 FTS	*110*		*40 - 215*	*05/28/26 15:34*	*06/01/26 05:07*	*1*
13C2 8:2 FTS	*90.1*		*40 - 275*	*05/28/26 15:34*	*06/01/26 05:07*	*1*
13C3 HFPO-DA	*62.2*		*40 - 130*	*05/28/26 15:34*	*06/01/26 05:07*	*1*
d7-N-MeFOSE-M	*46.3*		*20 - 130*	*05/28/26 15:34*	*06/01/26 05:07*	*1*
d9-N-EtFOSE-M	*36.0*		*15 - 130*	*05/28/26 15:34*	*06/01/26 05:07*	*1*
d5-NEtPFOSA	*72.9*		*10 - 130*	*05/28/26 15:34*	*06/01/26 05:07*	*1*
d3-NMePFOSA	*75.7*		*10 - 130*	*05/28/26 15:34*	*06/01/26 05:07*	*1*
13C2 PFDoA	*76.1*		*40 - 130*	*05/28/26 15:34*	*06/01/26 05:07*	*1*
13C3-3:3 FTCA	*71.5*		*20 - 150*	*05/28/26 15:34*	*06/01/26 05:07*	*1*

Client Sample ID: ISS-45_0-4
Lab Sample ID: 460-351592-18
Date Collected: 05/21/26 14:20
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 85.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3-5:3 FTCA	*59.9*		*20 - 150*	*05/28/26 15:34*	*06/01/26 05:07*	*1*
13C3-PFDoS	*49.1*		*20 - 150*	*05/28/26 15:34*	*06/01/26 05:07*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**4640**		20.8	5.7	mg/Kg	☼	05/23/26 23:36	05/26/26 13:31	1
Antimony	**0.21**	**J**	1.0	0.062	mg/Kg	☼	05/23/26 23:36	05/26/26 13:31	1
Arsenic	**4.1**		1.0	0.11	mg/Kg	☼	05/23/26 23:36	05/26/26 13:31	1
Barium	**26.2**		2.1	0.15	mg/Kg	☼	05/23/26 23:36	05/26/26 13:31	1
Beryllium	**0.34**	**J**	0.42	0.023	mg/Kg	☼	05/23/26 23:36	05/26/26 13:31	1
Cadmium	**0.13**	**J**	0.52	0.12	mg/Kg	☼	05/23/26 23:36	05/26/26 13:31	1
Calcium	**3240**		104	10.1	mg/Kg	☼	05/23/26 23:36	05/26/26 13:31	1
Chromium	**13.1**		2.1	0.31	mg/Kg	☼	05/23/26 23:36	05/26/26 13:31	1
Cobalt	**4.2**		1.0	0.15	mg/Kg	☼	05/23/26 23:36	05/26/26 13:31	1
Copper	**15.3**		2.1	0.38	mg/Kg	☼	05/23/26 23:36	05/26/26 13:31	1
Iron	**12200**		62.3	7.9	mg/Kg	☼	05/23/26 23:36	05/26/26 13:31	1
Lead	**32.4**		0.62	0.21	mg/Kg	☼	05/23/26 23:36	05/26/26 13:31	1
Magnesium	**1330**		104	10.6	mg/Kg	☼	05/23/26 23:36	05/26/26 13:31	1
Manganese	**114**		4.2	0.42	mg/Kg	☼	05/23/26 23:36	05/26/26 13:31	1
Nickel	**7.4**		2.1	0.18	mg/Kg	☼	05/23/26 23:36	05/26/26 13:31	1
Potassium	**733**		104	6.4	mg/Kg	☼	05/23/26 23:36	05/26/26 13:31	1
Selenium	**0.21**	**J**	1.3	0.13	mg/Kg	☼	05/23/26 23:36	05/26/26 13:31	1
Silver	0.42	U	0.42	0.092	mg/Kg	☼	05/23/26 23:36	05/26/26 13:31	1
Sodium	**62.3**	**J**	104	18.0	mg/Kg	☼	05/23/26 23:36	05/26/26 13:31	1
Thallium	0.42	U	0.42	0.043	mg/Kg	☼	05/23/26 23:36	05/26/26 13:31	1
Vanadium	**14.8**		2.1	0.21	mg/Kg	☼	05/23/26 23:36	05/26/26 13:31	1
Zinc	**40.2**		8.3	1.1	mg/Kg	☼	05/23/26 23:36	05/26/26 13:31	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.012**	**J**	0.020	0.0069	mg/Kg	☼	05/28/26 01:02	05/28/26 06:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**14.8**		1.0	1.0	%			05/26/26 21:01	1
Percent Solids (EPA Moisture)	**85.2**		1.0	1.0	%			05/26/26 21:01	1

Surrogate Summary

Client: Haley & Aldrich Inc
Project/Site: Former Port Mobil

Job ID: 460-351592-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid | **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(60-150)	(70-150)	(68-150)	(64-157)
460-351592-1	ISS-40_A	100	105	98	99
460-351592-12	ISS-42_C	120	120	108	111
460-351592-15 - DL	ISS-45_B	88	93	87	88
LCS 460-1110219/3	Lab Control Sample	100	100	98	96
LCSD 460-1110219/4	Lab Control Sample Dup	94	95	95	92
MB 460-1110219/9	Method Blank	92	91	93	87

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid | **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(65-138)	(71-128)	(65-139)	(71-126)
460-351592-2	ISS-40_B	109	97	102	101
460-351592-3	ISS-40_C	107	99	102	97
460-351592-5	ISS-41_A	108	98	103	103
460-351592-6	ISS-41_B	107	99	104	102
460-351592-7	ISS-41_C	109	98	106	104
460-351592-8	ISS-41_D	104	100	100	101
460-351592-10	ISS-42_A	102	98	97	102
460-351592-11	ISS-42_B	105	99	99	103
460-351592-14	ISS-45_A	107	102	104	98
460-351592-15	ISS-45_B	105	95	102	140 *
460-351592-16	ISS-45_C	103	101	98	98
460-351592-17	ISS-45_D	106	95	69	100
LCS 460-1109736/3	Lab Control Sample	104	98	103	105
LCS 460-1109839/3	Lab Control Sample	101	100	97	106
LCS 460-1109925/3	Lab Control Sample	93	88	90	94
LCSD 460-1109736/8	Lab Control Sample Dup	104	98	103	105
LCSD 460-1109839/4	Lab Control Sample Dup	98	100	99	106
LCSD 460-1109925/4	Lab Control Sample Dup	101	98	99	105
MB 460-1109736/6	Method Blank	103	94	100	100
MB 460-1109839/7	Method Blank	100	99	99	104
MB 460-1109925/8	Method Blank	104	98	98	102

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Surrogate Summary

Client: Haley & Aldrich Inc
Job ID: 460-351592-1
Project/Site: Former Port Mobil

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	TBP (18-137)	FBP (33-117)	2FP (24-120)	NBZ (27-120)	PHL (28-118)	TPHL (33-124)
460-351592-4	ISS-40_0-4	109	93	95	88	91	101
460-351592-9	ISS-41_0-4	66	56	59	57	60	60
460-351592-13	ISS-42_0-4	67	66	78	71	76	67
460-351592-13 MS	ISS-42_0-4	64	55	64	59	64	61
460-351592-13 MSD	ISS-42_0-4	72	65	75	71	74	70
460-351592-18	ISS-45_0-4	62	59	67	62	67	62
LCS 460-1109639/2-A	Lab Control Sample	68	62	75	68	74	63
LCSD 460-1109639/3-A	Lab Control Sample Dup	65	62	73	68	71	65
MB 460-1109639/1-A	Method Blank	64	68	79	74	78	67

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (10-150)	DCBP2 (10-150)	TCX1 (14-150)	TCX2 (14-150)
460-351557-C-1-D MS	Matrix Spike	122	128	101	98
460-351557-C-1-E MSD	Matrix Spike Duplicate	118	120	100	93
460-351592-4	ISS-40_0-4	132	124	104	94
460-351592-9	ISS-41_0-4	114	121	94	93
460-351592-13	ISS-42_0-4	134	135	113	102
460-351592-18	ISS-45_0-4	141	143	114	111
LCS 460-1109564/2-A	Lab Control Sample	99	101	87	84
LCSD 460-1109564/3-A	Lab Control Sample Dup	103	107	84	80
MB 460-1109564/1-A	Method Blank	119	122	98	96

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (10-150)	DCBP2 (10-150)	TCX1 (10-150)	TCX2 (10-150)
460-351557-C-1-A MS	Matrix Spike	125	122	101	105
460-351557-C-1-B MSD	Matrix Spike Duplicate	142	137	119	120
460-351592-4	ISS-40_0-4	123	118	100	101
460-351592-9	ISS-41_0-4	119	113	84	93
460-351592-13	ISS-42_0-4	138	124	110	104
460-351592-18	ISS-45_0-4	139	130	112	112
LCS 460-1109551/2-A	Lab Control Sample	120	116	101	102
LCSD 460-1109551/3-A	Lab Control Sample Dup	112	110	94	97

Surrogate Summary

Client: Haley & Aldrich Inc
Job ID: 460-351592-1
Project/Site: Former Port Mobil

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
		DCBP1	DCBP2	TCX1	TCX2				
Lab Sample ID	Client Sample ID	(10-150)	(10-150)	(10-150)	(10-150)				
MB 460-1109551/1-A	Method Blank	98	95	80	81				

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Isotope Dilution Summary

Client: Haley & Aldrich Inc
Project/Site: Former Port Mobil

Job ID: 460-351592-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFBA	PFPeA	13C5PHA	C4PFHA	C8PFOA	C9PFNA	C6PFDA	13C7PUA
Lab Sample ID	Client Sample ID	(8-130)	(35-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)
460-351585-C-15-B MS	Matrix Spike	88.0	78.6	69.6	68.7	79.5	75.5	65.5	60.3
460-351585-C-15-C MSD	Matrix Spike Duplicate	85.3	90.1	79.6	74.1	73.7	75.7	68.2	67.7
460-351592-4	ISS-40_0-4	90.7	99.8	97.6	90.4	85.2	91.6	82.7	82.4
460-351592-9	ISS-41_0-4	83.3	87.5	88.3	80.5	78.7	84.9	80.9	85.2
460-351592-13	ISS-42_0-4	126	135 *	127	123	104	96.7	82.2	68.3
460-351592-18	ISS-45_0-4	88.1	74.9	68.5	67.4	88.4	89.3	87.1	83.3
680-270957-J-5-B MS	Matrix Spike	126	137 *	136 *	138 *	107	101	78.3	71.4
680-270957-J-5-C MSD	Matrix Spike Duplicate	93.8	96.2	95.6	95.4	84.9	87.7	76.6	73.0
LCS 410-823399/2-A	Lab Control Sample	99.1	106	102	104	88.5	90.8	78.6	73.0
LCS 410-825560/2-A	Lab Control Sample	95.6	87.7	81.2	76.6	88.7	85.7	79.4	72.6
LLCS 410-823399/3-A	Lab Control Sample	88.1	88.4	85.8	85.0	74.1	75.1	72.4	69.5
LLCS 410-825560/3-A	Lab Control Sample	97.1	105	94.5	90.7	86.0	80.7	69.9	64.2
MB 410-823399/1-A	Method Blank	133 *	120	131 *	126	123	132 *	118	119
MB 410-825560/1-A	Method Blank	82.9	80.3	78.3	70.3	76.7	75.8	66.9	67.9

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFTDA	C3PFBS	C3PFHS	C8PFOS	PFOSA	d3NMFOS	d5NEFOS	M242FTS
Lab Sample ID	Client Sample ID	(20-130)	(40-135)	(40-130)	(40-130)	(40-130)	(40-135)	(40-150)	(40-165)
460-351585-C-15-B MS	Matrix Spike	42.6	86.9	76.1	73.0	73.0	56.6	62.1	90.3
460-351585-C-15-C MSD	Matrix Spike Duplicate	55.4	90.6	78.1	71.6	78.6	68.4	72.2	87.5
460-351592-4	ISS-40_0-4	68.0	91.7	89.9	76.9	106	128	132	218 *
460-351592-9	ISS-41_0-4	80.5	85.3	83.8	76.7	90.0	138 *	146	285 *
460-351592-13	ISS-42_0-4	17.2 *	119	104	74.3	87.5	65.6	60.2	251 *
460-351592-18	ISS-45_0-4	51.3	87.7	84.3	80.8	91.4	81.5	81.7	114
680-270957-J-5-B MS	Matrix Spike	42.2	120	97.7	67.1	80.7	71.6	65.1	216 *
680-270957-J-5-C MSD	Matrix Spike Duplicate	43.7	91.5	89.3	73.4	73.8	75.6	71.8	157
LCS 410-823399/2-A	Lab Control Sample	57.5	94.0	90.5	79.9	71.9	81.5	72.0	165
LCS 410-825560/2-A	Lab Control Sample	69.0	98.6	94.3	83.5	83.4	71.9	74.9	90.8
LLCS 410-823399/3-A	Lab Control Sample	51.4	83.5	81.4	77.6	60.0	73.8	67.5	144
LLCS 410-825560/3-A	Lab Control Sample	55.4	93.8	86.3	75.1	73.3	63.5	64.9	87.3
MB 410-823399/1-A	Method Blank	88.2	139 *	130	119	107	114	111	155
MB 410-825560/1-A	Method Blank	61.3	85.2	83.0	72.3	73.9	61.3	71.1	81.3

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		M262FTS	M282FTS	HFPODA	NMFM	NEFM	d5NPFSA	d3NMFSA	PFDoA
Lab Sample ID	Client Sample ID	(40-215)	(40-275)	(40-130)	(20-130)	(15-130)	(10-130)	(10-130)	(40-130)
460-351585-C-15-B MS	Matrix Spike	91.8	66.4	61.9	30.0	27.0	56.6	59.1	56.6
460-351585-C-15-C MSD	Matrix Spike Duplicate	91.2	71.0	68.3	46.0	41.2	67.8	66.6	63.8
460-351592-4	ISS-40_0-4	242 *	234	92.8	41.1	33.6	56.1	60.6	77.2
460-351592-9	ISS-41_0-4	331 *	335 *	76.5	44.8	39.3	44.4	50.6	94.3
460-351592-13	ISS-42_0-4	230 *	232	124	41.9	30.0	58.6	64.0	40.8
460-351592-18	ISS-45_0-4	110	90.1	62.2	46.3	36.0	72.9	75.7	76.1
680-270957-J-5-B MS	Matrix Spike	199	196	134 *	17.6 *	8.78 *	57.1	63.8	60.2
680-270957-J-5-C MSD	Matrix Spike Duplicate	161	202	104	25.1	19.3	60.1	62.0	60.1
LCS 410-823399/2-A	Lab Control Sample	156	198	110	34.1	24.8	57.3	60.6	66.1
LCS 410-825560/2-A	Lab Control Sample	95.3	77.8	66.0	49.7	48.8	70.0	68.7	69.7
LLCS 410-823399/3-A	Lab Control Sample	130	150	88.5	15.6 *	9.20 *	50.3	51.3	64.0
LLCS 410-825560/3-A	Lab Control Sample	90.3	70.8	82.8	44.3	41.6	55.6	53.8	59.5
MB 410-823399/1-A	Method Blank	167	136	121	51.0	38.6	68.9	73.2	110
MB 410-825560/1-A	Method Blank	87.7	75.8	59.1	42.9	42.6	59.2	61.3	64.6

Isotope Dilution Summary

Client: Haley & Aldrich Inc
Job ID: 460-351592-1
Project/Site: Former Port Mobil

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Matrix: Solid
Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)								
		C3-3:3 FTCA	C3-5:3 FTCA	3C3-PFDoS						
Lab Sample ID	Client Sample ID	(20-150)	(20-150)	(20-150)						
460-351585-C-15-B MS	Matrix Spike	77.8	62.3	44.8						
460-351585-C-15-C MSD	Matrix Spike Duplicate	81.2	72.0	57.9						
460-351592-4	ISS-40_0-4	104	97.0	60.8						
460-351592-9	ISS-41_0-4	86.2	101	68.8						
460-351592-13	ISS-42_0-4	141	100	20.1						
460-351592-18	ISS-45_0-4	71.5	59.9	49.1						
680-270957-J-5-B MS	Matrix Spike	139	109	41.9						
680-270957-J-5-C MSD	Matrix Spike Duplicate	92.2	85.6	44.0						
LCS 410-823399/2-A	Lab Control Sample	113	89.9	59.6						
LCS 410-825560/2-A	Lab Control Sample	73.5	69.2	65.9						
LLCS 410-823399/3-A	Lab Control Sample	83.9	68.6	51.9						
LLCS 410-825560/3-A	Lab Control Sample	89.5	92.4	52.1						
MB 410-823399/1-A	Method Blank	119	104	91.3						
MB 410-825560/1-A	Method Blank	68.7	63.6	55.4						

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M242FTS = 13C2 4:2 FTS
M262FTS = 13C2 6:2 FTS
M282FTS = 13C2 8:2 FTS
HFPODA = 13C3 HFPO-DA
NMFM = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M
d5NPFSA = d5-NEtPFOSA
d3NMFSA = d3-NMePFOSA
PFDoA = 13C2 PFDoA
C3-3:3 FTCA = 13C3-3:3 FTCA
C3-5:3 FTCA = 13C3-5:3 FTCA
13C3-PFDoS = 13C3-PFDoS

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-1109736/6
Matrix: Solid
Analysis Batch: 1109736

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			05/24/26 04:40	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/24/26 04:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/24/26 04:40	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/24/26 04:40	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/24/26 04:40	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			05/24/26 04:40	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			05/24/26 04:40	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/24/26 04:40	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			05/24/26 04:40	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			05/24/26 04:40	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/24/26 04:40	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/24/26 04:40	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			05/24/26 04:40	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			05/24/26 04:40	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			05/24/26 04:40	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			05/24/26 04:40	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			05/24/26 04:40	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			05/24/26 04:40	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			05/24/26 04:40	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			05/24/26 04:40	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			05/24/26 04:40	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			05/24/26 04:40	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			05/24/26 04:40	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			05/24/26 04:40	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			05/24/26 04:40	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			05/24/26 04:40	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			05/24/26 04:40	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			05/24/26 04:40	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/24/26 04:40	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			05/24/26 04:40	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			05/24/26 04:40	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			05/24/26 04:40	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/24/26 04:40	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			05/24/26 04:40	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			05/24/26 04:40	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			05/24/26 04:40	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			05/24/26 04:40	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			05/24/26 04:40	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			05/24/26 04:40	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			05/24/26 04:40	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			05/24/26 04:40	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			05/24/26 04:40	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			05/24/26 04:40	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			05/24/26 04:40	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			05/24/26 04:40	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			05/24/26 04:40	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			05/24/26 04:40	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			05/24/26 04:40	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1109736/6
Matrix: Solid
Analysis Batch: 1109736

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			05/24/26 04:40	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			05/24/26 04:40	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			05/24/26 04:40	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			05/24/26 04:40	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			05/24/26 04:40	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/24/26 04:40	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			05/24/26 04:40	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			05/24/26 04:40	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			05/24/26 04:40	1
Xylenes, Total	0.0020	U	0.0020	0.00042	mg/Kg			05/24/26 04:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*		*05/24/26 04:40*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*		*05/24/26 04:40*	*1*
Dibromofluoromethane (Surr)	*100*		*65 - 139*		*05/24/26 04:40*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*		*05/24/26 04:40*	*1*

Lab Sample ID: LCS 460-1109736/3
Matrix: Solid
Analysis Batch: 1109736

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0202		mg/Kg		101	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0189		mg/Kg		94	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0210		mg/Kg		105	56 - 142
1,1,2-Trichloroethane	0.0200	0.0192		mg/Kg		96	80 - 120
1,1-Dichloroethane	0.0200	0.0199		mg/Kg		99	72 - 120
1,1-Dichloroethene	0.0200	0.0189		mg/Kg		94	59 - 137
1,2,3-Trichlorobenzene	0.0200	0.0190		mg/Kg		95	43 - 198
1,2,4-Trichlorobenzene	0.0200	0.0195		mg/Kg		98	66 - 158
1,2,4-Trimethylbenzene	0.0200	0.0195		mg/Kg		97	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0166		mg/Kg		83	63 - 145
1,2-Dichlorobenzene	0.0200	0.0196		mg/Kg		98	80 - 120
1,2-Dichloroethane	0.0200	0.0195		mg/Kg		98	70 - 123
1,2-Dichloropropane	0.0200	0.0199		mg/Kg		99	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0195		mg/Kg		98	70 - 120
1,3-Dichlorobenzene	0.0200	0.0193		mg/Kg		97	80 - 120
1,4-Dichlorobenzene	0.0200	0.0191		mg/Kg		96	80 - 120
2-Butanone (MEK)	0.100	0.0924		mg/Kg		92	64 - 128
2-Hexanone	0.100	0.0895		mg/Kg		90	63 - 134
4-Methyl-2-pentanone (MIBK)	0.100	0.0963		mg/Kg		96	80 - 120
Acetone	0.100	0.0911		mg/Kg		91	58 - 122
Benzene	0.0200	0.0200		mg/Kg		100	75 - 120
Bromoform	0.0200	0.0135		mg/Kg		67	61 - 125
Bromomethane	0.0200	0.0199		mg/Kg		99	37 - 150
Carbon disulfide	0.0200	0.0166		mg/Kg		83	22 - 196
Carbon tetrachloride	0.0200	0.0176		mg/Kg		88	66 - 127
Chlorobenzene	0.0200	0.0197		mg/Kg		98	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1109736/3
Matrix: Solid
Analysis Batch: 1109736

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobromomethane	0.0200	0.0195		mg/Kg		98	76 - 127
Chlorodibromomethane	0.0200	0.0161		mg/Kg		80	72 - 120
Chloroethane	0.0200	0.0198		mg/Kg		99	50 - 147
Chloroform	0.0200	0.0197		mg/Kg		99	79 - 126
Chloromethane	0.0200	0.0172		mg/Kg		86	36 - 159
cis-1,2-Dichloroethene	0.0200	0.0200		mg/Kg		100	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0192		mg/Kg		96	75 - 120
Cyclohexane	0.0200	0.0202		mg/Kg		101	65 - 132
Dichlorobromomethane	0.0200	0.0186		mg/Kg		93	77 - 124
Dichlorodifluoromethane	0.0200	0.0171		mg/Kg		85	45 - 158
Ethylbenzene	0.0200	0.0202		mg/Kg		101	80 - 120
Ethylene Dibromide	0.0200	0.0193		mg/Kg		96	79 - 120
Isopropylbenzene	0.0200	0.0207		mg/Kg		103	74 - 120
Methyl acetate	0.0400	0.0387		mg/Kg		97	51 - 143
Methyl tert-butyl ether	0.0200	0.0194		mg/Kg		97	74 - 125
Methylcyclohexane	0.0200	0.0203		mg/Kg		102	66 - 125
Methylene Chloride	0.0200	0.0195		mg/Kg		97	78 - 134
m-Xylene & p-Xylene	0.0200	0.0199		mg/Kg		100	80 - 120
n-Butylbenzene	0.0200	0.0208		mg/Kg		104	72 - 120
N-Propylbenzene	0.0200	0.0196		mg/Kg		98	75 - 120
o-Xylene	0.0200	0.0201		mg/Kg		100	80 - 120
sec-Butylbenzene	0.0200	0.0200		mg/Kg		100	78 - 120
Styrene	0.0200	0.0194		mg/Kg		97	80 - 120
tert-Butylbenzene	0.0200	0.0195		mg/Kg		97	55 - 135
Tetrachloroethene	0.0200	0.0204		mg/Kg		102	73 - 120
Toluene	0.0200	0.0200		mg/Kg		100	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0201		mg/Kg		100	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0187		mg/Kg		93	77 - 120
Trichloroethene	0.0200	0.0194		mg/Kg		97	71 - 120
Trichlorofluoromethane	0.0200	0.0204		mg/Kg		102	61 - 130
Vinyl chloride	0.0200	0.0192		mg/Kg		96	54 - 146
Xylenes, Total	0.0400	0.0400		mg/Kg		100	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*65 - 138*
4-Bromofluorobenzene	*98*		*71 - 128*
Dibromofluoromethane (Surr)	*103*		*65 - 139*
Toluene-d8 (Surr)	*105*		*71 - 126*

Lab Sample ID: LCSD 460-1109736/8
Matrix: Solid
Analysis Batch: 1109736

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0190		mg/Kg		95	78 - 120	6	30
1,1,2,2-Tetrachloroethane	0.0200	0.0170		mg/Kg		85	70 - 133	11	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0225		mg/Kg		112	56 - 142	6	30
1,1,2-Trichloroethane	0.0200	0.0176		mg/Kg		88	80 - 120	9	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1109736/8
Matrix: Solid
Analysis Batch: 1109736

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethane	0.0200	0.0183		mg/Kg		92	72 - 120	8	30
1,1-Dichloroethene	0.0200	0.0207		mg/Kg		104	59 - 137	9	30
1,2,3-Trichlorobenzene	0.0200	0.0171		mg/Kg		86	43 - 198	10	30
1,2,4-Trichlorobenzene	0.0200	0.0177		mg/Kg		89	66 - 158	10	30
1,2,4-Trimethylbenzene	0.0200	0.0181		mg/Kg		91	75 - 120	7	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0125		mg/Kg		63	63 - 145	28	30
1,2-Dichlorobenzene	0.0200	0.0178		mg/Kg		89	80 - 120	10	30
1,2-Dichloroethane	0.0200	0.0178		mg/Kg		89	70 - 123	9	30
1,2-Dichloropropane	0.0200	0.0180		mg/Kg		90	73 - 124	10	30
1,3,5-Trimethylbenzene	0.0200	0.0182		mg/Kg		91	70 - 120	7	30
1,3-Dichlorobenzene	0.0200	0.0179		mg/Kg		89	80 - 120	8	30
1,4-Dichlorobenzene	0.0200	0.0180		mg/Kg		90	80 - 120	6	30
2-Butanone (MEK)	0.100	0.0850		mg/Kg		85	64 - 128	8	30
2-Hexanone	0.100	0.0852		mg/Kg		85	63 - 134	5	30
4-Methyl-2-pentanone (MIBK)	0.100	0.0903		mg/Kg		90	80 - 120	6	30
Acetone	0.100	0.0703		mg/Kg		70	58 - 122	26	30
Benzene	0.0200	0.0183		mg/Kg		92	75 - 120	9	30
Bromoform	0.0200	0.0117	*	mg/Kg		58	61 - 125	15	30
Bromomethane	0.0200	0.0178		mg/Kg		89	37 - 150	11	30
Carbon disulfide	0.0200	0.0165		mg/Kg		83	22 - 196	0	30
Carbon tetrachloride	0.0200	0.0164		mg/Kg		82	66 - 127	7	30
Chlorobenzene	0.0200	0.0180		mg/Kg		90	80 - 120	9	30
Chlorobromomethane	0.0200	0.0176		mg/Kg		88	76 - 127	10	30
Chlorodibromomethane	0.0200	0.0141	*	mg/Kg		70	72 - 120	13	30
Chloroethane	0.0200	0.0183		mg/Kg		92	50 - 147	8	30
Chloroform	0.0200	0.0182		mg/Kg		91	79 - 126	8	30
Chloromethane	0.0200	0.0158		mg/Kg		79	36 - 159	9	30
cis-1,2-Dichloroethene	0.0200	0.0187		mg/Kg		94	80 - 123	7	30
cis-1,3-Dichloropropene	0.0200	0.0172		mg/Kg		86	75 - 120	11	30
Cyclohexane	0.0200	0.0195		mg/Kg		98	65 - 132	4	30
Dichlorobromomethane	0.0200	0.0163		mg/Kg		82	77 - 124	13	30
Dichlorodifluoromethane	0.0200	0.0173		mg/Kg		86	45 - 158	1	30
Ethylbenzene	0.0200	0.0187		mg/Kg		94	80 - 120	7	30
Ethylene Dibromide	0.0200	0.0177		mg/Kg		88	79 - 120	9	30
Isopropylbenzene	0.0200	0.0195		mg/Kg		97	74 - 120	6	30
Methyl acetate	0.0400	0.0354		mg/Kg		89	51 - 143	9	30
Methyl tert-butyl ether	0.0200	0.0176		mg/Kg		88	74 - 125	9	30
Methylcyclohexane	0.0200	0.0196		mg/Kg		98	66 - 125	4	30
Methylene Chloride	0.0200	0.0178		mg/Kg		89	78 - 134	9	30
m-Xylene & p-Xylene	0.0200	0.0188		mg/Kg		94	80 - 120	6	30
n-Butylbenzene	0.0200	0.0201		mg/Kg		101	72 - 120	3	30
N-Propylbenzene	0.0200	0.0185		mg/Kg		93	75 - 120	6	30
o-Xylene	0.0200	0.0187		mg/Kg		94	80 - 120	7	30
sec-Butylbenzene	0.0200	0.0191		mg/Kg		95	78 - 120	5	30
Styrene	0.0200	0.0180		mg/Kg		90	80 - 120	7	30
tert-Butylbenzene	0.0200	0.0181		mg/Kg		91	55 - 135	7	30
Tetrachloroethene	0.0200	0.0194		mg/Kg		97	73 - 120	5	30
Toluene	0.0200	0.0182		mg/Kg		91	80 - 120	9	30
trans-1,2-Dichloroethene	0.0200	0.0185		mg/Kg		93	78 - 120	8	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1109736/8
Matrix: Solid
Analysis Batch: 1109736

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,3-Dichloropropene			0.0200	0.0170		mg/Kg		85	77 - 120	10	30
Trichloroethene			0.0200	0.0179		mg/Kg		90	71 - 120	8	30
Trichlorofluoromethane			0.0200	0.0193		mg/Kg		96	61 - 130	6	30
Vinyl chloride			0.0200	0.0182		mg/Kg		91	54 - 146	6	30
Xylenes, Total			0.0400	0.0376		mg/Kg		94	80 - 120	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*65 - 138*
4-Bromofluorobenzene	*98*		*71 - 128*
Dibromofluoromethane (Surr)	*103*		*65 - 139*
Toluene-d8 (Surr)	*105*		*71 - 126*

Lab Sample ID: MB 460-1109839/7
Matrix: Solid
Analysis Batch: 1109839

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			05/26/26 11:47	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/26/26 11:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/26/26 11:47	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/26/26 11:47	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/26/26 11:47	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			05/26/26 11:47	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			05/26/26 11:47	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/26/26 11:47	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			05/26/26 11:47	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			05/26/26 11:47	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/26/26 11:47	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/26/26 11:47	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			05/26/26 11:47	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			05/26/26 11:47	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			05/26/26 11:47	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			05/26/26 11:47	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			05/26/26 11:47	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			05/26/26 11:47	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			05/26/26 11:47	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			05/26/26 11:47	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			05/26/26 11:47	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			05/26/26 11:47	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			05/26/26 11:47	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			05/26/26 11:47	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			05/26/26 11:47	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			05/26/26 11:47	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			05/26/26 11:47	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			05/26/26 11:47	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/26/26 11:47	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			05/26/26 11:47	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			05/26/26 11:47	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1109839/7
Matrix: Solid
Analysis Batch: 1109839

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			05/26/26 11:47	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/26/26 11:47	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			05/26/26 11:47	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			05/26/26 11:47	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			05/26/26 11:47	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			05/26/26 11:47	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			05/26/26 11:47	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			05/26/26 11:47	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			05/26/26 11:47	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			05/26/26 11:47	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			05/26/26 11:47	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			05/26/26 11:47	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			05/26/26 11:47	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			05/26/26 11:47	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			05/26/26 11:47	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			05/26/26 11:47	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			05/26/26 11:47	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			05/26/26 11:47	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			05/26/26 11:47	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			05/26/26 11:47	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			05/26/26 11:47	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			05/26/26 11:47	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/26/26 11:47	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			05/26/26 11:47	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			05/26/26 11:47	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			05/26/26 11:47	1
Xylenes, Total	0.0020	U	0.0020	0.00042	mg/Kg			05/26/26 11:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*		*05/26/26 11:47*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*		*05/26/26 11:47*	*1*
Dibromofluoromethane (Surr)	*99*		*65 - 139*		*05/26/26 11:47*	*1*
Toluene-d8 (Surr)	*104*		*71 - 126*		*05/26/26 11:47*	*1*

Lab Sample ID: LCS 460-1109839/3
Matrix: Solid
Analysis Batch: 1109839

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0174		mg/Kg		87	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0195		mg/Kg		98	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0182		mg/Kg		91	56 - 142
1,1,2-Trichloroethane	0.0200	0.0198		mg/Kg		99	80 - 120
1,1-Dichloroethane	0.0200	0.0191		mg/Kg		96	72 - 120
1,1-Dichloroethene	0.0200	0.0177		mg/Kg		88	59 - 137
1,2,3-Trichlorobenzene	0.0200	0.0205		mg/Kg		103	43 - 198
1,2,4-Trichlorobenzene	0.0200	0.0215		mg/Kg		107	66 - 158
1,2,4-Trimethylbenzene	0.0200	0.0205		mg/Kg		103	75 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1109839/3
Matrix: Solid
Analysis Batch: 1109839

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromo-3-Chloropropane	0.0200	0.0129		mg/Kg		64	63 - 145
1,2-Dichlorobenzene	0.0200	0.0209		mg/Kg		104	80 - 120
1,2-Dichloroethane	0.0200	0.0189		mg/Kg		94	70 - 123
1,2-Dichloropropane	0.0200	0.0192		mg/Kg		96	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0205		mg/Kg		103	70 - 120
1,3-Dichlorobenzene	0.0200	0.0207		mg/Kg		104	80 - 120
1,4-Dichlorobenzene	0.0200	0.0210		mg/Kg		105	80 - 120
2-Butanone (MEK)	0.100	0.0961		mg/Kg		96	64 - 128
2-Hexanone	0.100	0.0949		mg/Kg		95	63 - 134
4-Methyl-2-pentanone (MIBK)	0.100	0.103		mg/Kg		103	80 - 120
Acetone	0.100	0.0846		mg/Kg		85	58 - 122
Benzene	0.0200	0.0209		mg/Kg		105	75 - 120
Bromoform	0.0200	0.00998	*	mg/Kg		50	61 - 125
Bromomethane	0.0200	0.0249		mg/Kg		125	37 - 150
Carbon disulfide	0.0200	0.0158		mg/Kg		79	22 - 196
Carbon tetrachloride	0.0200	0.0128	*	mg/Kg		64	66 - 127
Chlorobenzene	0.0200	0.0204		mg/Kg		102	80 - 120
Chlorobromomethane	0.0200	0.0186		mg/Kg		93	76 - 127
Chlorodibromomethane	0.0200	0.0128	*	mg/Kg		64	72 - 120
Chloroethane	0.0200	0.0228		mg/Kg		114	50 - 147
Chloroform	0.0200	0.0190		mg/Kg		95	79 - 126
Chloromethane	0.0200	0.0236		mg/Kg		118	36 - 159
cis-1,2-Dichloroethene	0.0200	0.0193		mg/Kg		97	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0190		mg/Kg		95	75 - 120
Cyclohexane	0.0200	0.0188		mg/Kg		94	65 - 132
Dichlorobromomethane	0.0200	0.0158		mg/Kg		79	77 - 124
Dichlorodifluoromethane	0.0200	0.0256		mg/Kg		128	45 - 158
Ethylbenzene	0.0200	0.0205		mg/Kg		103	80 - 120
Ethylene Dibromide	0.0200	0.0192		mg/Kg		96	79 - 120
Isopropylbenzene	0.0200	0.0209		mg/Kg		105	74 - 120
Methyl acetate	0.0400	0.0402		mg/Kg		101	51 - 143
Methyl tert-butyl ether	0.0200	0.0187		mg/Kg		94	74 - 125
Methylcyclohexane	0.0200	0.0185		mg/Kg		93	66 - 125
Methylene Chloride	0.0200	0.0188		mg/Kg		94	78 - 134
m-Xylene & p-Xylene	0.0200	0.0204		mg/Kg		102	80 - 120
n-Butylbenzene	0.0200	0.0217		mg/Kg		108	72 - 120
N-Propylbenzene	0.0200	0.0202		mg/Kg		101	75 - 120
o-Xylene	0.0200	0.0208		mg/Kg		104	80 - 120
sec-Butylbenzene	0.0200	0.0203		mg/Kg		102	78 - 120
Styrene	0.0200	0.0203		mg/Kg		102	80 - 120
tert-Butylbenzene	0.0200	0.0202		mg/Kg		101	55 - 135
Tetrachloroethene	0.0200	0.0202		mg/Kg		101	73 - 120
Toluene	0.0200	0.0203		mg/Kg		101	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0194		mg/Kg		97	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0182		mg/Kg		91	77 - 120
Trichloroethene	0.0200	0.0187		mg/Kg		94	71 - 120
Trichlorofluoromethane	0.0200	0.0227		mg/Kg		114	61 - 130
Vinyl chloride	0.0200	0.0250		mg/Kg		125	54 - 146
Xylenes, Total	0.0400	0.0412		mg/Kg		103	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		65 - 138
4-Bromofluorobenzene	100		71 - 128
Dibromofluoromethane (Surr)	97		65 - 139
Toluene-d8 (Surr)	106		71 - 126

Lab Sample ID: LCSD 460-1109839/4
Matrix: Solid
Analysis Batch: 1109839

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0198		mg/Kg		99	78 - 120	13	30
1,1,2,2-Tetrachloroethane			0.0200	0.0195		mg/Kg		98	70 - 133	0	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0223		mg/Kg		112	56 - 142	20	30
1,1,2-Trichloroethane			0.0200	0.0198		mg/Kg		99	80 - 120	0	30
1,1-Dichloroethane			0.0200	0.0203		mg/Kg		101	72 - 120	6	30
1,1-Dichloroethene			0.0200	0.0199		mg/Kg		99	59 - 137	12	30
1,2,3-Trichlorobenzene			0.0200	0.0205		mg/Kg		102	43 - 198	0	30
1,2,4-Trichlorobenzene			0.0200	0.0213		mg/Kg		106	66 - 158	1	30
1,2,4-Trimethylbenzene			0.0200	0.0212		mg/Kg		106	75 - 120	3	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0136		mg/Kg		68	63 - 145	6	30
1,2-Dichlorobenzene			0.0200	0.0211		mg/Kg		106	80 - 120	1	30
1,2-Dichloroethane			0.0200	0.0198		mg/Kg		99	70 - 123	5	30
1,2-Dichloropropane			0.0200	0.0203		mg/Kg		102	73 - 124	5	30
1,3,5-Trimethylbenzene			0.0200	0.0214		mg/Kg		107	70 - 120	4	30
1,3-Dichlorobenzene			0.0200	0.0214		mg/Kg		107	80 - 120	3	30
1,4-Dichlorobenzene			0.0200	0.0213		mg/Kg		106	80 - 120	1	30
2-Butanone (MEK)			0.100	0.0978		mg/Kg		98	64 - 128	2	30
2-Hexanone			0.100	0.0944		mg/Kg		94	63 - 134	0	30
4-Methyl-2-pentanone (MIBK)			0.100	0.104		mg/Kg		104	80 - 120	1	30
Acetone			0.100	0.0913		mg/Kg		91	58 - 122	8	30
Benzene			0.0200	0.0221		mg/Kg		110	75 - 120	5	30
Bromoform			0.0200	0.0110	*	mg/Kg		55	61 - 125	10	30
Bromomethane			0.0200	0.0266		mg/Kg		133	37 - 150	7	30
Carbon disulfide			0.0200	0.0177		mg/Kg		88	22 - 196	11	30
Carbon tetrachloride			0.0200	0.0152		mg/Kg		76	66 - 127	17	30
Chlorobenzene			0.0200	0.0210		mg/Kg		105	80 - 120	3	30
Chlorobromomethane			0.0200	0.0202		mg/Kg		101	76 - 127	8	30
Chlorodibromomethane			0.0200	0.0138	*	mg/Kg		69	72 - 120	8	30
Chloroethane			0.0200	0.0249		mg/Kg		124	50 - 147	9	30
Chloroform			0.0200	0.0202		mg/Kg		101	79 - 126	6	30
Chloromethane			0.0200	0.0258		mg/Kg		129	36 - 159	9	30
cis-1,2-Dichloroethene			0.0200	0.0207		mg/Kg		104	80 - 123	7	30
cis-1,3-Dichloropropene			0.0200	0.0196		mg/Kg		98	75 - 120	3	30
Cyclohexane			0.0200	0.0225		mg/Kg		113	65 - 132	18	30
Dichlorobromomethane			0.0200	0.0170		mg/Kg		85	77 - 124	8	30
Dichlorodifluoromethane			0.0200	0.0276		mg/Kg		138	45 - 158	8	30
Ethylbenzene			0.0200	0.0219		mg/Kg		110	80 - 120	7	30
Ethylene Dibromide			0.0200	0.0197		mg/Kg		98	79 - 120	3	30
Isopropylbenzene			0.0200	0.0228		mg/Kg		114	74 - 120	8	30
Methyl acetate			0.0400	0.0404		mg/Kg		101	51 - 143	0	30
Methyl tert-butyl ether			0.0200	0.0197		mg/Kg		99	74 - 125	5	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1109839/4
Matrix: Solid
Analysis Batch: 1109839

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methylcyclohexane	0.0200	0.0219		mg/Kg		109	66 - 125	16	30
Methylene Chloride	0.0200	0.0202		mg/Kg		101	78 - 134	7	30
m-Xylene & p-Xylene	0.0200	0.0218		mg/Kg		109	80 - 120	7	30
n-Butylbenzene	0.0200	0.0228		mg/Kg		114	72 - 120	5	30
N-Propylbenzene	0.0200	0.0218		mg/Kg		109	75 - 120	8	30
o-Xylene	0.0200	0.0220		mg/Kg		110	80 - 120	5	30
sec-Butylbenzene	0.0200	0.0217		mg/Kg		109	78 - 120	7	30
Styrene	0.0200	0.0209		mg/Kg		104	80 - 120	3	30
tert-Butylbenzene	0.0200	0.0210		mg/Kg		105	55 - 135	4	30
Tetrachloroethene	0.0200	0.0220		mg/Kg		110	73 - 120	8	30
Toluene	0.0200	0.0214		mg/Kg		107	80 - 120	5	30
trans-1,2-Dichloroethene	0.0200	0.0210		mg/Kg		105	78 - 120	8	30
trans-1,3-Dichloropropene	0.0200	0.0184		mg/Kg		92	77 - 120	1	30
Trichloroethene	0.0200	0.0201		mg/Kg		101	71 - 120	7	30
Trichlorofluoromethane	0.0200	0.0246		mg/Kg		123	61 - 130	8	30
Vinyl chloride	0.0200	0.0271		mg/Kg		136	54 - 146	8	30
Xylenes, Total	0.0400	0.0438		mg/Kg		109	80 - 120	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*65 - 138*
4-Bromofluorobenzene	*100*		*71 - 128*
Dibromofluoromethane (Surr)	*99*		*65 - 139*
Toluene-d8 (Surr)	*106*		*71 - 126*

Lab Sample ID: MB 460-1109925/8
Matrix: Solid
Analysis Batch: 1109925

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			05/27/26 02:33	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/27/26 02:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/27/26 02:33	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/27/26 02:33	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			05/27/26 02:33	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			05/27/26 02:33	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			05/27/26 02:33	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/27/26 02:33	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			05/27/26 02:33	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			05/27/26 02:33	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			05/27/26 02:33	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			05/27/26 02:33	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			05/27/26 02:33	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			05/27/26 02:33	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			05/27/26 02:33	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			05/27/26 02:33	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			05/27/26 02:33	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			05/27/26 02:33	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			05/27/26 02:33	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1109925/8
Matrix: Solid
Analysis Batch: 1109925

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			05/27/26 02:33	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			05/27/26 02:33	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			05/27/26 02:33	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			05/27/26 02:33	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			05/27/26 02:33	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			05/27/26 02:33	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			05/27/26 02:33	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			05/27/26 02:33	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			05/27/26 02:33	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			05/27/26 02:33	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			05/27/26 02:33	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			05/27/26 02:33	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			05/27/26 02:33	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/27/26 02:33	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			05/27/26 02:33	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			05/27/26 02:33	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			05/27/26 02:33	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			05/27/26 02:33	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			05/27/26 02:33	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			05/27/26 02:33	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			05/27/26 02:33	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			05/27/26 02:33	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			05/27/26 02:33	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			05/27/26 02:33	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			05/27/26 02:33	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			05/27/26 02:33	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			05/27/26 02:33	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			05/27/26 02:33	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			05/27/26 02:33	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			05/27/26 02:33	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			05/27/26 02:33	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			05/27/26 02:33	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			05/27/26 02:33	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			05/27/26 02:33	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			05/27/26 02:33	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			05/27/26 02:33	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			05/27/26 02:33	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			05/27/26 02:33	1
Xylenes, Total	0.0020	U	0.0020	0.00042	mg/Kg			05/27/26 02:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*65 - 138*		*05/27/26 02:33*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*		*05/27/26 02:33*	*1*
Dibromofluoromethane (Surr)	*98*		*65 - 139*		*05/27/26 02:33*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*		*05/27/26 02:33*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1109925/3
Matrix: Solid
Analysis Batch: 1109925

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0170		mg/Kg		85	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0198		mg/Kg		99	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0183		mg/Kg		92	56 - 142
1,1,2-Trichloroethane	0.0200	0.0200		mg/Kg		100	80 - 120
1,1-Dichloroethane	0.0200	0.0186		mg/Kg		93	72 - 120
1,1-Dichloroethene	0.0200	0.0170		mg/Kg		85	59 - 137
1,2,3-Trichlorobenzene	0.0200	0.0189		mg/Kg		94	43 - 198
1,2,4-Trichlorobenzene	0.0200	0.0185		mg/Kg		93	66 - 158
1,2,4-Trimethylbenzene	0.0200	0.0183		mg/Kg		91	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0145		mg/Kg		73	63 - 145
1,2-Dichlorobenzene	0.0200	0.0198		mg/Kg		99	80 - 120
1,2-Dichloroethane	0.0200	0.0196		mg/Kg		98	70 - 123
1,2-Dichloropropane	0.0200	0.0192		mg/Kg		96	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0183		mg/Kg		91	70 - 120
1,3-Dichlorobenzene	0.0200	0.0187		mg/Kg		94	80 - 120
1,4-Dichlorobenzene	0.0200	0.0188		mg/Kg		94	80 - 120
2-Butanone (MEK)	0.100	0.0989		mg/Kg		99	64 - 128
2-Hexanone	0.100	0.0922		mg/Kg		92	63 - 134
4-Methyl-2-pentanone (MIBK)	0.100	0.0992		mg/Kg		99	80 - 120
Acetone	0.100	0.0964		mg/Kg		96	58 - 122
Benzene	0.0200	0.0193		mg/Kg		96	75 - 120
Bromoform	0.0200	0.0114	*	mg/Kg		57	61 - 125
Bromomethane	0.0200	0.0258		mg/Kg		129	37 - 150
Carbon disulfide	0.0200	0.0173		mg/Kg		86	22 - 196
Carbon tetrachloride	0.0200	0.0127	*	mg/Kg		63	66 - 127
Chlorobenzene	0.0200	0.0194		mg/Kg		97	80 - 120
Chlorobromomethane	0.0200	0.0198		mg/Kg		99	76 - 127
Chlorodibromomethane	0.0200	0.0137	*	mg/Kg		69	72 - 120
Chloroethane	0.0200	0.0235		mg/Kg		118	50 - 147
Chloroform	0.0200	0.0190		mg/Kg		95	79 - 126
Chloromethane	0.0200	0.0239		mg/Kg		120	36 - 159
cis-1,2-Dichloroethene	0.0200	0.0195		mg/Kg		97	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0182		mg/Kg		91	75 - 120
Cyclohexane	0.0200	0.0173		mg/Kg		87	65 - 132
Dichlorobromomethane	0.0200	0.0162		mg/Kg		81	77 - 124
Dichlorodifluoromethane	0.0200	0.0229		mg/Kg		114	45 - 158
Ethylbenzene	0.0200	0.0191		mg/Kg		96	80 - 120
Ethylene Dibromide	0.0200	0.0201		mg/Kg		100	79 - 120
Isopropylbenzene	0.0200	0.0195		mg/Kg		97	74 - 120
Methyl acetate	0.0400	0.0503		mg/Kg		126	51 - 143
Methyl tert-butyl ether	0.0200	0.0200		mg/Kg		100	74 - 125
Methylcyclohexane	0.0200	0.0174		mg/Kg		87	66 - 125
Methylene Chloride	0.0200	0.0193		mg/Kg		96	78 - 134
m-Xylene & p-Xylene	0.0200	0.0191		mg/Kg		95	80 - 120
n-Butylbenzene	0.0200	0.0181		mg/Kg		91	72 - 120
N-Propylbenzene	0.0200	0.0179		mg/Kg		89	75 - 120
o-Xylene	0.0200	0.0196		mg/Kg		98	80 - 120
sec-Butylbenzene	0.0200	0.0182		mg/Kg		91	78 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1109925/3
Matrix: Solid
Analysis Batch: 1109925

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Styrene			0.0200	0.0193		mg/Kg		96	80 - 120		
tert-Butylbenzene			0.0200	0.0177		mg/Kg		88	55 - 135		
Tetrachloroethene			0.0200	0.0185		mg/Kg		93	73 - 120		
Toluene			0.0200	0.0188		mg/Kg		94	80 - 120		
trans-1,2-Dichloroethene			0.0200	0.0181		mg/Kg		91	78 - 120		
trans-1,3-Dichloropropene			0.0200	0.0173		mg/Kg		86	77 - 120		
Trichloroethene			0.0200	0.0178		mg/Kg		89	71 - 120		
Trichlorofluoromethane			0.0200	0.0219		mg/Kg		110	61 - 130		
Vinyl chloride			0.0200	0.0236		mg/Kg		118	54 - 146		
Xylenes, Total			0.0400	0.0387		mg/Kg		97	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*65 - 138*
4-Bromofluorobenzene	*88*		*71 - 128*
Dibromofluoromethane (Surr)	*90*		*65 - 139*
Toluene-d8 (Surr)	*94*		*71 - 126*

Lab Sample ID: LCSD 460-1109925/4
Matrix: Solid
Analysis Batch: 1109925

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0189		mg/Kg		94	78 - 120	10	30
1,1,2,2-Tetrachloroethane			0.0200	0.0202		mg/Kg		101	70 - 133	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0202		mg/Kg		101	56 - 142	10	30
1,1,2-Trichloroethane			0.0200	0.0201		mg/Kg		100	80 - 120	0	30
1,1-Dichloroethane			0.0200	0.0195		mg/Kg		97	72 - 120	4	30
1,1-Dichloroethene			0.0200	0.0184		mg/Kg		92	59 - 137	8	30
1,2,3-Trichlorobenzene			0.0200	0.0198		mg/Kg		99	43 - 198	5	30
1,2,4-Trichlorobenzene			0.0200	0.0195		mg/Kg		97	66 - 158	5	30
1,2,4-Trimethylbenzene			0.0200	0.0198		mg/Kg		99	75 - 120	8	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0153		mg/Kg		76	63 - 145	5	30
1,2-Dichlorobenzene			0.0200	0.0202		mg/Kg		101	80 - 120	2	30
1,2-Dichloroethane			0.0200	0.0199		mg/Kg		99	70 - 123	2	30
1,2-Dichloropropane			0.0200	0.0197		mg/Kg		99	73 - 124	3	30
1,3,5-Trimethylbenzene			0.0200	0.0199		mg/Kg		99	70 - 120	8	30
1,3-Dichlorobenzene			0.0200	0.0201		mg/Kg		101	80 - 120	7	30
1,4-Dichlorobenzene			0.0200	0.0198		mg/Kg		99	80 - 120	5	30
2-Butanone (MEK)			0.100	0.0957		mg/Kg		96	64 - 128	3	30
2-Hexanone			0.100	0.0946		mg/Kg		95	63 - 134	3	30
4-Methyl-2-pentanone (MIBK)			0.100	0.100		mg/Kg		100	80 - 120	1	30
Acetone			0.100	0.0836		mg/Kg		84	58 - 122	14	30
Benzene			0.0200	0.0208		mg/Kg		104	75 - 120	8	30
Bromoform			0.0200	0.0118	*	mg/Kg		59	61 - 125	3	30
Bromomethane			0.0200	0.0266		mg/Kg		133	37 - 150	3	30
Carbon disulfide			0.0200	0.0190		mg/Kg		95	22 - 196	9	30
Carbon tetrachloride			0.0200	0.0146		mg/Kg		73	66 - 127	14	30
Chlorobenzene			0.0200	0.0203		mg/Kg		101	80 - 120	4	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1109925/4
Matrix: Solid
Analysis Batch: 1109925

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chlorobromomethane			0.0200	0.0201		mg/Kg		100	76 - 127	1	30
Chlorodibromomethane			0.0200	0.0143		mg/Kg		72	72 - 120	4	30
Chloroethane			0.0200	0.0245		mg/Kg		123	50 - 147	4	30
Chloroform			0.0200	0.0198		mg/Kg		99	79 - 126	4	30
Chloromethane			0.0200	0.0250		mg/Kg		125	36 - 159	4	30
cis-1,2-Dichloroethene			0.0200	0.0200		mg/Kg		100	80 - 123	3	30
cis-1,3-Dichloropropene			0.0200	0.0188		mg/Kg		94	75 - 120	3	30
Cyclohexane			0.0200	0.0201		mg/Kg		100	65 - 132	15	30
Dichlorobromomethane			0.0200	0.0172		mg/Kg		86	77 - 124	6	30
Dichlorodifluoromethane			0.0200	0.0267		mg/Kg		134	45 - 158	16	30
Ethylbenzene			0.0200	0.0205		mg/Kg		103	80 - 120	7	30
Ethylene Dibromide			0.0200	0.0200		mg/Kg		100	79 - 120	0	30
Isopropylbenzene			0.0200	0.0210		mg/Kg		105	74 - 120	7	30
Methyl acetate			0.0400	0.0427		mg/Kg		107	51 - 143	16	30
Methyl tert-butyl ether			0.0200	0.0199		mg/Kg		100	74 - 125	0	30
Methylcyclohexane			0.0200	0.0199		mg/Kg		100	66 - 125	13	30
Methylene Chloride			0.0200	0.0198		mg/Kg		99	78 - 134	3	30
m-Xylene & p-Xylene			0.0200	0.0204		mg/Kg		102	80 - 120	7	30
n-Butylbenzene			0.0200	0.0202		mg/Kg		101	72 - 120	11	30
N-Propylbenzene			0.0200	0.0196		mg/Kg		98	75 - 120	9	30
o-Xylene			0.0200	0.0209		mg/Kg		104	80 - 120	6	30
sec-Butylbenzene			0.0200	0.0202		mg/Kg		101	78 - 120	11	30
Styrene			0.0200	0.0203		mg/Kg		101	80 - 120	5	30
tert-Butylbenzene			0.0200	0.0196		mg/Kg		98	55 - 135	10	30
Tetrachloroethene			0.0200	0.0200		mg/Kg		100	73 - 120	7	30
Toluene			0.0200	0.0201		mg/Kg		101	80 - 120	7	30
trans-1,2-Dichloroethene			0.0200	0.0198		mg/Kg		99	78 - 120	8	30
trans-1,3-Dichloropropene			0.0200	0.0180		mg/Kg		90	77 - 120	4	30
Trichloroethene			0.0200	0.0195		mg/Kg		97	71 - 120	9	30
Trichlorofluoromethane			0.0200	0.0246		mg/Kg		123	61 - 130	11	30
Vinyl chloride			0.0200	0.0259		mg/Kg		129	54 - 146	9	30
Xylenes, Total			0.0400	0.0413		mg/Kg		103	80 - 120	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*65 - 138*
4-Bromofluorobenzene	*98*		*71 - 128*
Dibromofluoromethane (Surr)	*99*		*65 - 139*
Toluene-d8 (Surr)	*105*		*71 - 126*

Lab Sample ID: MB 460-1110219/9
Matrix: Solid
Analysis Batch: 1110219

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.050	U	0.050	0.014	mg/Kg			05/28/26 09:10	50
1,1,2,2-Tetrachloroethane	0.050	U	0.050	0.0099	mg/Kg			05/28/26 09:10	50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.050	U	0.050	0.017	mg/Kg			05/28/26 09:10	50
1,1,2-Trichloroethane	0.050	U	0.050	0.010	mg/Kg			05/28/26 09:10	50

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1110219/9
Matrix: Solid
Analysis Batch: 1110219

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.050	U	0.050	0.012	mg/Kg			05/28/26 09:10	50
1,1-Dichloroethene	0.050	U	0.050	0.013	mg/Kg			05/28/26 09:10	50
1,2,3-Trichlorobenzene	0.050	U	0.050	0.018	mg/Kg			05/28/26 09:10	50
1,2,4-Trichlorobenzene	0.050	U	0.050	0.014	mg/Kg			05/28/26 09:10	50
1,2,4-Trimethylbenzene	0.050	U	0.050	0.012	mg/Kg			05/28/26 09:10	50
1,2-Dibromo-3-Chloropropane	0.050	U	0.050	0.011	mg/Kg			05/28/26 09:10	50
1,2-Dichlorobenzene	0.050	U	0.050	0.011	mg/Kg			05/28/26 09:10	50
1,2-Dichloroethane	0.050	U	0.050	0.013	mg/Kg			05/28/26 09:10	50
1,2-Dichloropropane	0.050	U	0.050	0.0090	mg/Kg			05/28/26 09:10	50
1,3,5-Trimethylbenzene	0.050	U	0.050	0.013	mg/Kg			05/28/26 09:10	50
1,3-Dichlorobenzene	0.050	U	0.050	0.017	mg/Kg			05/28/26 09:10	50
1,4-Dichlorobenzene	0.050	U	0.050	0.017	mg/Kg			05/28/26 09:10	50
2-Butanone (MEK)	0.25	U	0.25	0.11	mg/Kg			05/28/26 09:10	50
2-Hexanone	0.25	U	0.25	0.057	mg/Kg			05/28/26 09:10	50
4-Methyl-2-pentanone (MIBK)	0.25	U	0.25	0.065	mg/Kg			05/28/26 09:10	50
Acetone	0.25	U	0.25	0.22	mg/Kg			05/28/26 09:10	50
Benzene	0.050	U	0.050	0.010	mg/Kg			05/28/26 09:10	50
Bromoform	0.050	U	0.050	0.0090	mg/Kg			05/28/26 09:10	50
Bromomethane	0.050	U	0.050	0.028	mg/Kg			05/28/26 09:10	50
Carbon disulfide	0.050	U	0.050	0.034	mg/Kg			05/28/26 09:10	50
Carbon tetrachloride	0.050	U	0.050	0.017	mg/Kg			05/28/26 09:10	50
Chlorobenzene	0.050	U	0.050	0.012	mg/Kg			05/28/26 09:10	50
Chlorobromomethane	0.050	U	0.050	0.015	mg/Kg			05/28/26 09:10	50
Chlorodibromomethane	0.050	U	0.050	0.011	mg/Kg			05/28/26 09:10	50
Chloroethane	0.050	U	0.050	0.019	mg/Kg			05/28/26 09:10	50
Chloroform	0.050	U	0.050	0.011	mg/Kg			05/28/26 09:10	50
Chloromethane	0.050	U	0.050	0.020	mg/Kg			05/28/26 09:10	50
cis-1,2-Dichloroethene	0.050	U	0.050	0.013	mg/Kg			05/28/26 09:10	50
cis-1,3-Dichloropropene	0.050	U	0.050	0.011	mg/Kg			05/28/26 09:10	50
Cyclohexane	0.050	U	0.050	0.013	mg/Kg			05/28/26 09:10	50
Dichlorobromomethane	0.050	U	0.050	0.0075	mg/Kg			05/28/26 09:10	50
Dichlorodifluoromethane	0.050	U	0.050	0.016	mg/Kg			05/28/26 09:10	50
Ethylbenzene	0.050	U	0.050	0.015	mg/Kg			05/28/26 09:10	50
Ethylene Dibromide	0.050	U	0.050	0.0095	mg/Kg			05/28/26 09:10	50
Isopropylbenzene	0.050	U	0.050	0.016	mg/Kg			05/28/26 09:10	50
Methyl acetate	0.25	U	0.25	0.039	mg/Kg			05/28/26 09:10	50
Methyl tert-butyl ether	0.050	U	0.050	0.011	mg/Kg			05/28/26 09:10	50
Methylcyclohexane	0.050	U	0.050	0.036	mg/Kg			05/28/26 09:10	50
Methylene Chloride	0.050	U	0.050	0.011	mg/Kg			05/28/26 09:10	50
m-Xylene & p-Xylene	0.050	U	0.050	0.014	mg/Kg			05/28/26 09:10	50
n-Butylbenzene	0.050	U	0.050	0.014	mg/Kg			05/28/26 09:10	50
N-Propylbenzene	0.050	U	0.050	0.015	mg/Kg			05/28/26 09:10	50
o-Xylene	0.050	U	0.050	0.016	mg/Kg			05/28/26 09:10	50
sec-Butylbenzene	0.050	U	0.050	0.016	mg/Kg			05/28/26 09:10	50
Styrene	0.050	U	0.050	0.0085	mg/Kg			05/28/26 09:10	50
tert-Butylbenzene	0.050	U	0.050	0.014	mg/Kg			05/28/26 09:10	50
Tetrachloroethene	0.050	U	0.050	0.018	mg/Kg			05/28/26 09:10	50
Toluene	0.050	U	0.050	0.013	mg/Kg			05/28/26 09:10	50
trans-1,2-Dichloroethene	0.050	U	0.050	0.0090	mg/Kg			05/28/26 09:10	50

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1110219/9
Matrix: Solid
Analysis Batch: 1110219

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.050	U	0.050	0.011	mg/Kg			05/28/26 09:10	50
Trichloroethene	0.050	U	0.050	0.011	mg/Kg			05/28/26 09:10	50
Trichlorofluoromethane	0.050	U	0.050	0.016	mg/Kg			05/28/26 09:10	50
Vinyl chloride	0.050	U	0.050	0.010	mg/Kg			05/28/26 09:10	50
Xylenes, Total	0.10	U	0.10	0.014	mg/Kg			05/28/26 09:10	50

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*60 - 150*		*05/28/26 09:10*	*50*
4-Bromofluorobenzene	*91*		*70 - 150*		*05/28/26 09:10*	*50*
Dibromofluoromethane (Surr)	*93*		*68 - 150*		*05/28/26 09:10*	*50*
Toluene-d8 (Surr)	*87*		*64 - 157*		*05/28/26 09:10*	*50*

Lab Sample ID: LCS 460-1110219/3
Matrix: Solid
Analysis Batch: 1110219

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	1.00	1.07		mg/Kg		107	76 - 120
1,1,2,2-Tetrachloroethane	1.00	1.03		mg/Kg		103	72 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	1.00	1.00		mg/Kg		100	79 - 120
1,1,2-Trichloroethane	1.00	0.998		mg/Kg		100	80 - 120
1,1-Dichloroethane	1.00	1.08		mg/Kg		108	70 - 120
1,1-Dichloroethene	1.00	1.04		mg/Kg		104	69 - 120
1,2,3-Trichlorobenzene	1.00	1.42	*	mg/Kg		142	80 - 137
1,2,4-Trichlorobenzene	1.00	1.18		mg/Kg		118	80 - 134
1,2,4-Trimethylbenzene	1.00	1.07		mg/Kg		107	75 - 120
1,2-Dibromo-3-Chloropropane	1.00	1.19		mg/Kg		119	68 - 134
1,2-Dichlorobenzene	1.00	1.07		mg/Kg		107	80 - 120
1,2-Dichloroethane	1.00	0.997		mg/Kg		100	72 - 124
1,2-Dichloropropane	1.00	0.987		mg/Kg		99	74 - 120
1,3,5-Trimethylbenzene	1.00	1.08		mg/Kg		108	71 - 120
1,3-Dichlorobenzene	1.00	1.03		mg/Kg		103	80 - 120
1,4-Dichlorobenzene	1.00	1.02		mg/Kg		102	80 - 120
2-Butanone (MEK)	5.00	5.02		mg/Kg		100	64 - 121
2-Hexanone	5.00	4.15		mg/Kg		83	70 - 120
4-Methyl-2-pentanone (MIBK)	5.00	5.24		mg/Kg		105	64 - 127
Acetone	5.00	4.86		mg/Kg		97	52 - 127
Benzene	1.00	1.01		mg/Kg		101	75 - 120
Bromoform	1.00	0.974		mg/Kg		97	68 - 122
Bromomethane	1.00	1.01		mg/Kg		101	16 - 125
Carbon disulfide	1.00	1.02		mg/Kg		102	59 - 127
Carbon tetrachloride	1.00	1.08		mg/Kg		108	77 - 120
Chlorobenzene	1.00	1.01		mg/Kg		101	80 - 120
Chlorobromomethane	1.00	1.06		mg/Kg		106	77 - 120
Chlorodibromomethane	1.00	0.971		mg/Kg		97	80 - 120
Chloroethane	1.00	1.06		mg/Kg		106	61 - 140
Chloroform	1.00	1.06		mg/Kg		106	73 - 120
Chloromethane	1.00	1.08		mg/Kg		108	42 - 136

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1110219/3
Matrix: Solid
Analysis Batch: 1110219

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	1.00	1.07		mg/Kg		107	73 - 120
cis-1,3-Dichloropropene	1.00	1.02		mg/Kg		102	79 - 120
Cyclohexane	1.00	1.16		mg/Kg		116	76 - 125
Dichlorobromomethane	1.00	0.957		mg/Kg		96	77 - 120
Dichlorodifluoromethane	1.00	1.14		mg/Kg		114	39 - 140
Ethylbenzene	1.00	1.06		mg/Kg		106	80 - 121
Ethylene Dibromide	1.00	1.04		mg/Kg		104	80 - 120
Isopropylbenzene	1.00	1.09		mg/Kg		109	74 - 125
Methyl acetate	2.00	1.86		mg/Kg		93	40 - 130
Methyl tert-butyl ether	1.00	0.993		mg/Kg		99	77 - 125
Methylcyclohexane	1.00	1.19		mg/Kg		119	75 - 127
Methylene Chloride	1.00	0.937		mg/Kg		94	73 - 120
m-Xylene & p-Xylene	1.00	1.03		mg/Kg		103	79 - 120
n-Butylbenzene	1.00	1.06		mg/Kg		106	68 - 120
N-Propylbenzene	1.00	1.05		mg/Kg		105	68 - 120
o-Xylene	1.00	1.11		mg/Kg		111	80 - 123
sec-Butylbenzene	1.00	1.03		mg/Kg		103	77 - 126
Styrene	1.00	1.11		mg/Kg		111	80 - 124
tert-Butylbenzene	1.00	1.04		mg/Kg		104	80 - 120
Tetrachloroethene	1.00	1.06		mg/Kg		106	78 - 120
Toluene	1.00	1.03		mg/Kg		103	80 - 120
trans-1,2-Dichloroethene	1.00	0.991		mg/Kg		99	70 - 120
trans-1,3-Dichloropropene	1.00	1.05		mg/Kg		105	73 - 120
Trichloroethene	1.00	0.975		mg/Kg		98	77 - 120
Trichlorofluoromethane	1.00	1.00		mg/Kg		100	61 - 143
Vinyl chloride	1.00	1.03		mg/Kg		103	50 - 131
Xylenes, Total	2.00	2.14		mg/Kg		107	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*60 - 150*
4-Bromofluorobenzene	*100*		*70 - 150*
Dibromofluoromethane (Surr)	*98*		*68 - 150*
Toluene-d8 (Surr)	*96*		*64 - 157*

Lab Sample ID: LCSD 460-1110219/4
Matrix: Solid
Analysis Batch: 1110219

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	1.00	1.05		mg/Kg		105	76 - 120	2	30
1,1,2,2-Tetrachloroethane	1.00	0.985		mg/Kg		99	72 - 120	5	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.00	0.914		mg/Kg		91	79 - 120	9	30
1,1,2-Trichloroethane	1.00	0.961		mg/Kg		96	80 - 120	4	30
1,1-Dichloroethane	1.00	1.04		mg/Kg		104	70 - 120	3	30
1,1-Dichloroethene	1.00	1.02		mg/Kg		102	69 - 120	3	30
1,2,3-Trichlorobenzene	1.00	1.28		mg/Kg		128	80 - 137	10	30
1,2,4-Trichlorobenzene	1.00	1.13		mg/Kg		113	80 - 134	4	30
1,2,4-Trimethylbenzene	1.00	1.05		mg/Kg		105	75 - 120	2	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1110219/4
Matrix: Solid
Analysis Batch: 1110219

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromo-3-Chloropropane	1.00	1.06		mg/Kg		106	68 - 134	12	30
1,2-Dichlorobenzene	1.00	1.02		mg/Kg		102	80 - 120	4	30
1,2-Dichloroethane	1.00	0.972		mg/Kg		97	72 - 124	3	30
1,2-Dichloropropane	1.00	0.994		mg/Kg		99	74 - 120	1	30
1,3,5-Trimethylbenzene	1.00	0.977		mg/Kg		98	71 - 120	10	30
1,3-Dichlorobenzene	1.00	0.990		mg/Kg		99	80 - 120	4	30
1,4-Dichlorobenzene	1.00	1.03		mg/Kg		103	80 - 120	1	30
2-Butanone (MEK)	5.00	5.15		mg/Kg		103	64 - 121	3	30
2-Hexanone	5.00	4.26		mg/Kg		85	70 - 120	3	30
4-Methyl-2-pentanone (MIBK)	5.00	5.21		mg/Kg		104	64 - 127	0	30
Acetone	5.00	4.90		mg/Kg		98	52 - 127	1	30
Benzene	1.00	0.998		mg/Kg		100	75 - 120	1	30
Bromoform	1.00	0.968		mg/Kg		97	68 - 122	1	30
Bromomethane	1.00	1.09		mg/Kg		109	16 - 125	7	30
Carbon disulfide	1.00	0.996		mg/Kg		100	59 - 127	2	30
Carbon tetrachloride	1.00	1.06		mg/Kg		106	77 - 120	2	30
Chlorobenzene	1.00	1.02		mg/Kg		102	80 - 120	1	30
Chlorobromomethane	1.00	1.06		mg/Kg		106	77 - 120	0	30
Chlorodibromomethane	1.00	0.959		mg/Kg		96	80 - 120	1	30
Chloroethane	1.00	1.11		mg/Kg		111	61 - 140	5	30
Chloroform	1.00	1.05		mg/Kg		105	73 - 120	1	30
Chloromethane	1.00	1.11		mg/Kg		111	42 - 136	3	30
cis-1,2-Dichloroethene	1.00	1.06		mg/Kg		106	73 - 120	1	30
cis-1,3-Dichloropropene	1.00	1.03		mg/Kg		103	79 - 120	1	30
Cyclohexane	1.00	1.12		mg/Kg		112	76 - 125	3	30
Dichlorobromomethane	1.00	0.963		mg/Kg		96	77 - 120	1	30
Dichlorodifluoromethane	1.00	1.20		mg/Kg		120	39 - 140	5	30
Ethylbenzene	1.00	1.05		mg/Kg		105	80 - 121	1	30
Ethylene Dibromide	1.00	1.02		mg/Kg		102	80 - 120	1	30
Isopropylbenzene	1.00	1.05		mg/Kg		105	74 - 125	3	30
Methyl acetate	2.00	1.98		mg/Kg		99	40 - 130	6	30
Methyl tert-butyl ether	1.00	1.08		mg/Kg		108	77 - 125	8	30
Methylcyclohexane	1.00	1.14		mg/Kg		114	75 - 127	4	30
Methylene Chloride	1.00	0.983		mg/Kg		98	73 - 120	5	30
m-Xylene & p-Xylene	1.00	1.08		mg/Kg		108	79 - 120	4	30
n-Butylbenzene	1.00	1.03		mg/Kg		103	68 - 120	3	30
N-Propylbenzene	1.00	1.04		mg/Kg		104	68 - 120	1	30
o-Xylene	1.00	1.09		mg/Kg		109	80 - 123	2	30
sec-Butylbenzene	1.00	1.02		mg/Kg		102	77 - 126	1	30
Styrene	1.00	1.09		mg/Kg		109	80 - 124	1	30
tert-Butylbenzene	1.00	1.01		mg/Kg		101	80 - 120	3	30
Tetrachloroethene	1.00	1.02		mg/Kg		102	78 - 120	4	30
Toluene	1.00	1.02		mg/Kg		102	80 - 120	1	30
trans-1,2-Dichloroethene	1.00	1.12		mg/Kg		112	70 - 120	12	30
trans-1,3-Dichloropropene	1.00	1.02		mg/Kg		102	73 - 120	3	30
Trichloroethene	1.00	0.994		mg/Kg		99	77 - 120	2	30
Trichlorofluoromethane	1.00	1.07		mg/Kg		107	61 - 143	6	30
Vinyl chloride	1.00	1.08		mg/Kg		108	50 - 131	5	30
Xylenes, Total	2.00	2.17		mg/Kg		109	80 - 120	1	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*94*		*60 - 150*
4-Bromofluorobenzene	*95*		*70 - 150*
Dibromofluoromethane (Surr)	*95*		*68 - 150*
Toluene-d8 (Surr)	*92*		*64 - 157*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-1109639/1-A
Matrix: Solid
Analysis Batch: 1109686

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1109639

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.0029	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.0074	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
1,4-Dioxane	0.033	U	0.033	0.025	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.015	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.0063	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.015	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.010	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
2,4-Dichlorophenol	0.13	U	0.13	0.020	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
2,4-Dimethylphenol	0.33	U	0.33	0.018	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
2,4-Dinitrophenol	0.27	U	0.27	0.12	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
2,4-Dinitrotoluene	0.067	U	0.067	0.013	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
2,6-Dinitrotoluene	0.067	U	0.067	0.011	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
2-Chloronaphthalene	0.33	U	0.33	0.0036	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
2-Chlorophenol	0.33	U	0.33	0.0085	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
2-Methylnaphthalene	0.33	U	0.33	0.0049	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
2-Methylphenol	0.20	U	0.20	0.0096	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
2-Nitroaniline	0.33	U	0.33	0.019	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
2-Nitrophenol	0.33	U	0.33	0.019	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
3 & 4 Methylphenol	0.20	U	0.20	0.021	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.013	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
3-Nitroaniline	0.33	U	0.33	0.023	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.022	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.0061	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.015	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
4-Chloroaniline	0.33	U	0.33	0.015	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.0088	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
4-Methylphenol	0.33	U	0.33	0.017	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
4-Nitroaniline	0.33	U	0.33	0.021	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
4-Nitrophenol	0.67	U	0.67	0.042	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
Acenaphthene	0.33	U	0.33	0.0048	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
Acenaphthylene	0.33	U	0.33	0.0041	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
Acetophenone	0.33	U	0.33	0.014	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
Anthracene	0.33	U	0.33	0.0032	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
Atrazine	0.13	U	0.13	0.0087	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
Benzaldehyde	0.33	U	0.33	0.014	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
Benzo[a]anthracene	0.033	U	0.033	0.0031	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
Benzo[a]pyrene	0.033	U	0.033	0.0060	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0049	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0055	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0050	mg/Kg		05/23/26 07:46	05/23/26 13:00	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1109639/1-A
Matrix: Solid
Analysis Batch: 1109686

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1109639

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.015	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.015	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.011	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
Butyl benzyl phthalate	0.33	U	0.33	0.011	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
Caprolactam	0.33	U	0.33	0.021	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
Carbazole	0.33	U	0.33	0.0092	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
Chrysene	0.33	U	0.33	0.0036	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.0069	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
Dibenzofuran	0.33	U	0.33	0.0052	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
Diethyl phthalate	0.33	U	0.33	0.0056	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
Dimethyl phthalate	0.33	U	0.33	0.0039	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
Di-n-butyl phthalate	0.33	U	0.33	0.0082	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
Di-n-octyl phthalate	0.33	U	0.33	0.014	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
Fluoranthene	0.33	U	0.33	0.0059	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
Fluorene	0.33	U	0.33	0.0061	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
Hexachlorobenzene	0.033	U	0.033	0.0061	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
Hexachlorobutadiene	0.067	U	0.067	0.0063	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.018	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
Hexachloroethane	0.033	U	0.033	0.0086	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.022	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
Isophorone	0.13	U	0.13	0.0077	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
Naphthalene	0.33	U	0.33	0.0026	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
Nitrobenzene	0.033	U	0.033	0.015	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.015	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.0058	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
Pentachlorophenol	0.27	U	0.27	0.022	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
Phenanthrene	0.33	U	0.33	0.0056	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
Phenol	0.20	U	0.20	0.019	mg/Kg		05/23/26 07:46	05/23/26 13:00	1
Pyrene	0.33	U	0.33	0.0054	mg/Kg		05/23/26 07:46	05/23/26 13:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*64*		*18 - 137*	*05/23/26 07:46*	*05/23/26 13:00*	*1*
2-Fluorobiphenyl	*68*		*33 - 117*	*05/23/26 07:46*	*05/23/26 13:00*	*1*
2-Fluorophenol (Surr)	*79*		*24 - 120*	*05/23/26 07:46*	*05/23/26 13:00*	*1*
Nitrobenzene-d5 (Surr)	*74*		*27 - 120*	*05/23/26 07:46*	*05/23/26 13:00*	*1*
Phenol-d5 (Surr)	*78*		*28 - 118*	*05/23/26 07:46*	*05/23/26 13:00*	*1*
Terphenyl-d14 (Surr)	*67*		*33 - 124*	*05/23/26 07:46*	*05/23/26 13:00*	*1*

Lab Sample ID: LCS 460-1109639/2-A
Matrix: Solid
Analysis Batch: 1109686

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1109639

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	3.33	2.54		mg/Kg		76	64 - 120
1,2,4,5-Tetrachlorobenzene	3.33	2.41		mg/Kg		72	60 - 120
1,4-Dioxane	3.33	1.78		mg/Kg		53	31 - 105
2,2'-oxybis[1-chloropropane]	3.33	2.91		mg/Kg		87	50 - 126
2,3,4,6-Tetrachlorophenol	3.33	2.75		mg/Kg		83	62 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1109639/2-A
Matrix: Solid
Analysis Batch: 1109686

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1109639

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-Trichlorophenol	3.33	2.63		mg/Kg		79	64 - 120
2,4,6-Trichlorophenol	3.33	2.53		mg/Kg		76	65 - 120
2,4-Dichlorophenol	3.33	2.85		mg/Kg		86	66 - 120
2,4-Dimethylphenol	3.33	2.82		mg/Kg		84	75 - 136
2,4-Dinitrophenol	6.67	6.06		mg/Kg		91	41 - 120
2,4-Dinitrotoluene	3.33	2.94		mg/Kg		88	65 - 124
2,6-Dinitrotoluene	3.33	2.77		mg/Kg		83	67 - 121
2-Chloronaphthalene	3.33	2.44		mg/Kg		73	64 - 120
2-Chlorophenol	3.33	2.93		mg/Kg		88	63 - 120
2-Methylnaphthalene	3.33	2.68		mg/Kg		80	56 - 102
2-Methylphenol	3.33	3.05		mg/Kg		92	63 - 120
2-Nitroaniline	3.33	2.87		mg/Kg		86	52 - 120
2-Nitrophenol	3.33	2.67		mg/Kg		80	64 - 120
3 & 4 Methylphenol	3.33	2.87		mg/Kg		86	61 - 120
3,3'-Dichlorobenzidine	3.33	1.25		mg/Kg		38	10 - 106
3-Nitroaniline	3.33	2.02		mg/Kg		60	18 - 105
4,6-Dinitro-2-methylphenol	6.67	5.80		mg/Kg		87	61 - 127
4-Bromophenyl phenyl ether	3.33	2.64		mg/Kg		79	64 - 120
4-Chloro-3-methylphenol	3.33	3.05		mg/Kg		91	68 - 120
4-Chloroaniline	3.33	1.52		mg/Kg		46	10 - 107
4-Chlorophenyl phenyl ether	3.33	2.58		mg/Kg		78	62 - 120
4-Methylphenol	3.33	2.87		mg/Kg		86	61 - 120
4-Nitroaniline	3.33	2.67		mg/Kg		80	51 - 112
4-Nitrophenol	6.67	6.16		mg/Kg		92	52 - 122
Acenaphthene	3.33	2.51		mg/Kg		75	65 - 120
Acenaphthylene	3.33	2.60		mg/Kg		78	68 - 120
Acetophenone	3.33	2.89		mg/Kg		87	61 - 111
Anthracene	3.33	2.74		mg/Kg		82	67 - 120
Atrazine	1.33	1.81		mg/Kg		136	52 - 150
Benzaldehyde	1.33	1.82		mg/Kg		137	45 - 150
Benzo[a]anthracene	3.33	2.72		mg/Kg		82	66 - 120
Benzo[a]pyrene	3.33	2.87		mg/Kg		86	69 - 123
Benzo[b]fluoranthene	3.33	2.75		mg/Kg		83	66 - 125
Benzo[g,h,i]perylene	3.33	2.85		mg/Kg		85	66 - 138
Benzo[k]fluoranthene	3.33	2.79		mg/Kg		84	67 - 122
Bis(2-chloroethoxy)methane	3.33	2.74		mg/Kg		82	62 - 120
Bis(2-chloroethyl)ether	3.33	2.71		mg/Kg		81	60 - 120
Bis(2-ethylhexyl) phthalate	3.33	2.77		mg/Kg		83	64 - 125
Butyl benzyl phthalate	3.33	2.88		mg/Kg		86	62 - 127
Caprolactam	1.33	2.06	*	mg/Kg		154	46 - 150
Carbazole	3.33	2.87		mg/Kg		86	64 - 120
Chrysene	3.33	2.68		mg/Kg		81	67 - 120
Dibenz(a,h)anthracene	3.33	2.84		mg/Kg		85	66 - 128
Dibenzofuran	3.33	2.62		mg/Kg		79	61 - 120
Diethyl phthalate	3.33	2.71		mg/Kg		81	63 - 120
Dimethyl phthalate	3.33	2.69		mg/Kg		81	65 - 120
Di-n-butyl phthalate	3.33	3.06		mg/Kg		92	61 - 120
Di-n-octyl phthalate	3.33	2.85		mg/Kg		85	61 - 123
Fluoranthene	3.33	2.88		mg/Kg		86	61 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1109639/2-A
Matrix: Solid
Analysis Batch: 1109686

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1109639

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Fluorene			3.33	2.63		mg/Kg		79	64 - 120		
Hexachlorobenzene			3.33	2.71		mg/Kg		81	66 - 120		
Hexachlorobutadiene			3.33	2.51		mg/Kg		75	62 - 120		
Hexachlorocyclopentadiene			3.33	2.38		mg/Kg		72	32 - 150		
Hexachloroethane			3.33	2.64		mg/Kg		79	61 - 112		
Indeno[1,2,3-cd]pyrene			3.33	2.79		mg/Kg		84	63 - 137		
Isophorone			3.33	2.72		mg/Kg		82	61 - 120		
Naphthalene			3.33	2.57		mg/Kg		77	63 - 113		
Nitrobenzene			3.33	2.83		mg/Kg		85	63 - 120		
N-Nitrosodi-n-propylamine			3.33	2.96		mg/Kg		89	60 - 120		
N-Nitrosodiphenylamine			3.33	2.64		mg/Kg		79	63 - 120		
Pentachlorophenol			6.67	5.84		mg/Kg		88	61 - 126		
Phenanthrene			3.33	2.71		mg/Kg		81	66 - 120		
Phenol			3.33	2.98		mg/Kg		89	63 - 120		
Pyrene			3.33	2.62		mg/Kg		79	61 - 121		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*68*		*18 - 137*
2-Fluorobiphenyl	*62*		*33 - 117*
2-Fluorophenol (Surr)	*75*		*24 - 120*
Nitrobenzene-d5 (Surr)	*68*		*27 - 120*
Phenol-d5 (Surr)	*74*		*28 - 118*
Terphenyl-d14 (Surr)	*63*		*33 - 124*

Lab Sample ID: LCSD 460-1109639/3-A
Matrix: Solid
Analysis Batch: 1109686

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1109639

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			3.33	2.54		mg/Kg		76	64 - 120	0	30
1,2,4,5-Tetrachlorobenzene			3.33	2.45		mg/Kg		74	60 - 120	2	30
1,4-Dioxane			3.33	1.70		mg/Kg		51	31 - 105	4	30
2,2'-oxybis[1-chloropropane]			3.33	2.81		mg/Kg		84	50 - 126	4	30
2,3,4,6-Tetrachlorophenol			3.33	2.59		mg/Kg		78	62 - 120	6	30
2,4,5-Trichlorophenol			3.33	2.60		mg/Kg		78	64 - 120	1	30
2,4,6-Trichlorophenol			3.33	2.55		mg/Kg		76	65 - 120	1	30
2,4-Dichlorophenol			3.33	2.79		mg/Kg		84	66 - 120	2	30
2,4-Dimethylphenol			3.33	2.76		mg/Kg		83	75 - 136	2	30
2,4-Dinitrophenol			6.67	5.80		mg/Kg		87	41 - 120	5	30
2,4-Dinitrotoluene			3.33	2.74		mg/Kg		82	65 - 124	7	30
2,6-Dinitrotoluene			3.33	2.65		mg/Kg		80	67 - 121	4	30
2-Chloronaphthalene			3.33	2.52		mg/Kg		76	64 - 120	3	30
2-Chlorophenol			3.33	2.92		mg/Kg		88	63 - 120	0	30
2-Methylnaphthalene			3.33	2.64		mg/Kg		79	56 - 102	2	30
2-Methylphenol			3.33	2.85		mg/Kg		86	63 - 120	7	30
2-Nitroaniline			3.33	2.71		mg/Kg		81	52 - 120	6	30
2-Nitrophenol			3.33	2.67		mg/Kg		80	64 - 120	0	30
3 & 4 Methylphenol			3.33	2.68		mg/Kg		81	61 - 120	7	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1109639/3-A
Matrix: Solid
Analysis Batch: 1109686

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1109639

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
3,3'-Dichlorobenzidine	3.33	1.20		mg/Kg		36	10 - 106	4	30
3-Nitroaniline	3.33	1.90		mg/Kg		57	18 - 105	6	30
4,6-Dinitro-2-methylphenol	6.67	5.78		mg/Kg		87	61 - 127	1	30
4-Bromophenyl phenyl ether	3.33	2.72		mg/Kg		82	64 - 120	3	30
4-Chloro-3-methylphenol	3.33	2.88		mg/Kg		86	68 - 120	6	30
4-Chloroaniline	3.33	1.30		mg/Kg		39	10 - 107	15	30
4-Chlorophenyl phenyl ether	3.33	2.49		mg/Kg		75	62 - 120	4	30
4-Methylphenol	3.33	2.68		mg/Kg		81	61 - 120	7	30
4-Nitroaniline	3.33	2.44		mg/Kg		73	51 - 112	9	30
4-Nitrophenol	6.67	5.57		mg/Kg		84	52 - 122	10	30
Acenaphthene	3.33	2.55		mg/Kg		77	65 - 120	2	30
Acenaphthylene	3.33	2.59		mg/Kg		78	68 - 120	0	30
Acetophenone	3.33	2.73		mg/Kg		82	61 - 111	6	30
Anthracene	3.33	2.72		mg/Kg		82	67 - 120	1	30
Atrazine	1.33	1.94		mg/Kg		146	52 - 150	7	30
Benzaldehyde	1.33	1.89		mg/Kg		142	45 - 150	4	30
Benzo[a]anthracene	3.33	2.79		mg/Kg		84	66 - 120	3	30
Benzo[a]pyrene	3.33	2.90		mg/Kg		87	69 - 123	1	30
Benzo[b]fluoranthene	3.33	2.82		mg/Kg		85	66 - 125	2	30
Benzo[g,h,i]perylene	3.33	2.85		mg/Kg		85	66 - 138	0	30
Benzo[k]fluoranthene	3.33	2.80		mg/Kg		84	67 - 122	0	30
Bis(2-chloroethoxy)methane	3.33	2.69		mg/Kg		81	62 - 120	2	30
Bis(2-chloroethyl)ether	3.33	2.68		mg/Kg		80	60 - 120	1	30
Bis(2-ethylhexyl) phthalate	3.33	2.82		mg/Kg		85	64 - 125	2	30
Butyl benzyl phthalate	3.33	2.97		mg/Kg		89	62 - 127	3	30
Caprolactam	1.33	1.99		mg/Kg		149	46 - 150	3	30
Carbazole	3.33	2.78		mg/Kg		83	64 - 120	3	30
Chrysene	3.33	2.76		mg/Kg		83	67 - 120	3	30
Dibenz(a,h)anthracene	3.33	2.89		mg/Kg		87	66 - 128	2	30
Dibenzofuran	3.33	2.56		mg/Kg		77	61 - 120	2	30
Diethyl phthalate	3.33	2.59		mg/Kg		78	63 - 120	4	30
Dimethyl phthalate	3.33	2.62		mg/Kg		79	65 - 120	3	30
Di-n-butyl phthalate	3.33	2.97		mg/Kg		89	61 - 120	3	30
Di-n-octyl phthalate	3.33	2.88		mg/Kg		87	61 - 123	1	30
Fluoranthene	3.33	2.74		mg/Kg		82	61 - 120	5	30
Fluorene	3.33	2.53		mg/Kg		76	64 - 120	4	30
Hexachlorobenzene	3.33	2.81		mg/Kg		84	66 - 120	4	30
Hexachlorobutadiene	3.33	2.60		mg/Kg		78	62 - 120	3	30
Hexachlorocyclopentadiene	3.33	2.51		mg/Kg		75	32 - 150	5	30
Hexachloroethane	3.33	2.71		mg/Kg		81	61 - 112	3	30
Indeno[1,2,3-cd]pyrene	3.33	2.82		mg/Kg		85	63 - 137	1	30
Isophorone	3.33	2.69		mg/Kg		81	61 - 120	1	30
Naphthalene	3.33	2.55		mg/Kg		77	63 - 113	1	30
Nitrobenzene	3.33	2.76		mg/Kg		83	63 - 120	3	30
N-Nitrosodi-n-propylamine	3.33	2.76		mg/Kg		83	60 - 120	7	30
N-Nitrosodiphenylamine	3.33	2.74		mg/Kg		82	63 - 120	4	30
Pentachlorophenol	6.67	5.73		mg/Kg		86	61 - 126	2	30
Phenanthrene	3.33	2.69		mg/Kg		81	66 - 120	1	30
Phenol	3.33	2.87		mg/Kg		86	63 - 120	4	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1109639/3-A
Matrix: Solid
Analysis Batch: 1109686

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1109639

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Pyrene			3.33	2.78		mg/Kg		83	61 - 121	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*65*		*18 - 137*
2-Fluorobiphenyl	*62*		*33 - 117*
2-Fluorophenol (Surr)	*73*		*24 - 120*
Nitrobenzene-d5 (Surr)	*68*		*27 - 120*
Phenol-d5 (Surr)	*71*		*28 - 118*
Terphenyl-d14 (Surr)	*65*		*33 - 124*

Lab Sample ID: 460-351592-13 MS
Matrix: Solid
Analysis Batch: 1109686

Client Sample ID: ISS-42_0-4
Prep Type: Total/NA
Prep Batch: 1109639

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	0.36	U	3.64	2.28	*	mg/Kg	☼	63	64 - 120
1,2,4,5-Tetrachlorobenzene	0.36	U	3.64	2.21		mg/Kg	☼	61	60 - 120
1,4-Dioxane	0.036	U	3.64	1.27		mg/Kg	☼	35	31 - 105
2,2'-oxybis[1-chloropropane]	0.36	U	3.64	2.43		mg/Kg	☼	67	50 - 126
2,3,4,6-Tetrachlorophenol	0.36	U	3.64	2.59		mg/Kg	☼	71	62 - 120
2,4,5-Trichlorophenol	0.36	U	3.64	2.46		mg/Kg	☼	68	64 - 120
2,4,6-Trichlorophenol	0.15	U	3.64	2.43		mg/Kg	☼	67	65 - 120
2,4-Dichlorophenol	0.15	U	3.64	2.58		mg/Kg	☼	71	66 - 120
2,4-Dimethylphenol	0.36	U	3.64	2.57	*	mg/Kg	☼	71	75 - 136
2,4-Dinitrophenol	0.29	U	7.28	5.83		mg/Kg	☼	80	41 - 120
2,4-Dinitrotoluene	0.073	U	3.64	2.66		mg/Kg	☼	73	65 - 124
2,6-Dinitrotoluene	0.073	U	3.64	2.58		mg/Kg	☼	71	67 - 121
2-Chloronaphthalene	0.36	U	3.64	2.26	*	mg/Kg	☼	62	64 - 120
2-Chlorophenol	0.36	U	3.64	2.54		mg/Kg	☼	70	63 - 120
2-Methylnaphthalene	0.040	J	3.64	2.47		mg/Kg	☼	67	56 - 102
2-Methylphenol	0.22	U	3.64	2.63		mg/Kg	☼	72	63 - 120
2-Nitroaniline	0.36	U	3.64	2.53		mg/Kg	☼	69	52 - 120
2-Nitrophenol	0.36	U	3.64	2.43		mg/Kg	☼	67	64 - 120
3 & 4 Methylphenol	0.22	U	3.64	2.47		mg/Kg	☼	68	61 - 120
3,3'-Dichlorobenzidine	0.15	U	3.64	1.48		mg/Kg	☼	41	10 - 106
3-Nitroaniline	0.36	U	3.64	2.16		mg/Kg	☼	59	18 - 105
4,6-Dinitro-2-methylphenol	0.29	U	7.28	5.57		mg/Kg	☼	76	61 - 127
4-Bromophenyl phenyl ether	0.36	U	3.64	2.61		mg/Kg	☼	72	64 - 120
4-Chloro-3-methylphenol	0.36	U	3.64	2.79		mg/Kg	☼	77	68 - 120
4-Chloroaniline	0.36	U	3.64	1.64		mg/Kg	☼	45	10 - 107
4-Chlorophenyl phenyl ether	0.36	U	3.64	2.41		mg/Kg	☼	66	62 - 120
4-Methylphenol	0.36	U	3.64	2.47		mg/Kg	☼	68	61 - 120
4-Nitroaniline	0.36	U	3.64	2.54		mg/Kg	☼	70	51 - 112
4-Nitrophenol	0.73	U	7.28	5.66		mg/Kg	☼	78	52 - 122
Acenaphthene	0.36	U	3.64	2.32	*	mg/Kg	☼	64	65 - 120
Acenaphthylene	0.36	U	3.64	2.42	*	mg/Kg	☼	67	68 - 120
Acetophenone	0.36	U	3.64	2.54		mg/Kg	☼	70	61 - 111
Anthracene	0.36	U	3.64	2.64		mg/Kg	☼	72	67 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-351592-13 MS
Matrix: Solid
Analysis Batch: 1109686

Client Sample ID: ISS-42_0-4
Prep Type: Total/NA
Prep Batch: 1109639

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Atrazine	0.15	U	1.46	1.87		mg/Kg	☼	128	52 - 150
Benzaldehyde	0.36	U	1.46	1.59	E	mg/Kg	☼	109	45 - 150
Benzo[a]anthracene	0.036	U	3.64	2.58		mg/Kg	☼	71	66 - 120
Benzo[a]pyrene	0.036	U	3.64	2.75		mg/Kg	☼	75	69 - 123
Benzo[b]fluoranthene	0.036	U	3.64	2.67		mg/Kg	☼	73	66 - 125
Benzo[g,h,i]perylene	0.36	U	3.64	2.72		mg/Kg	☼	75	66 - 138
Benzo[k]fluoranthene	0.036	U	3.64	2.62		mg/Kg	☼	72	67 - 122
Bis(2-chloroethoxy)methane	0.36	U	3.64	2.54		mg/Kg	☼	70	62 - 120
Bis(2-chloroethyl)ether	0.036	U	3.64	2.35		mg/Kg	☼	65	60 - 120
Bis(2-ethylhexyl) phthalate	0.36	U	3.64	2.68		mg/Kg	☼	74	64 - 125
Butyl benzyl phthalate	0.36	U	3.64	2.83		mg/Kg	☼	78	62 - 127
Caprolactam	0.36	U *	1.46	1.99		mg/Kg	☼	137	46 - 150
Carbazole	0.36	U	3.64	2.73		mg/Kg	☼	75	64 - 120
Chrysene	0.36	U	3.64	2.56		mg/Kg	☼	70	67 - 120
Dibenz(a,h)anthracene	0.036	U	3.64	2.78		mg/Kg	☼	76	66 - 128
Dibenzofuran	0.36	U	3.64	2.38		mg/Kg	☼	65	61 - 120
Diethyl phthalate	0.36	U	3.64	2.53		mg/Kg	☼	69	63 - 120
Dimethyl phthalate	0.36	U	3.64	2.46		mg/Kg	☼	68	65 - 120
Di-n-butyl phthalate	0.36	U	3.64	2.98		mg/Kg	☼	82	61 - 120
Di-n-octyl phthalate	0.36	U	3.64	2.76		mg/Kg	☼	76	61 - 123
Fluoranthene	0.36	U	3.64	2.75		mg/Kg	☼	75	61 - 120
Fluorene	0.36	U	3.64	2.43		mg/Kg	☼	67	64 - 120
Hexachlorobenzene	0.036	U	3.64	2.67		mg/Kg	☼	73	66 - 120
Hexachlorobutadiene	0.073	U	3.64	2.28		mg/Kg	☼	63	62 - 120
Hexachlorocyclopentadiene	0.36	U	3.64	2.06		mg/Kg	☼	56	32 - 150
Hexachloroethane	0.036	U	3.64	2.34		mg/Kg	☼	64	61 - 112
Indeno[1,2,3-cd]pyrene	0.036	U	3.64	2.72		mg/Kg	☼	75	63 - 137
Isophorone	0.15	U	3.64	2.49		mg/Kg	☼	68	61 - 120
Naphthalene	0.041	J	3.64	2.27	*	mg/Kg	☼	61	63 - 113
Nitrobenzene	0.036	U	3.64	2.40		mg/Kg	☼	66	63 - 120
N-Nitrosodi-n-propylamine	0.036	U	3.64	2.56		mg/Kg	☼	70	60 - 120
N-Nitrosodiphenylamine	0.36	U	3.64	2.64		mg/Kg	☼	72	63 - 120
Pentachlorophenol	0.29	U	7.28	5.58		mg/Kg	☼	77	61 - 126
Phenanthrene	0.015	J	3.64	2.61		mg/Kg	☼	71	66 - 120
Phenol	0.22	U	3.64	2.61		mg/Kg	☼	72	63 - 120
Pyrene	0.36	U	3.64	2.54		mg/Kg	☼	70	61 - 121

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*64*		*18 - 137*
2-Fluorobiphenyl	*55*		*33 - 117*
2-Fluorophenol (Surr)	*64*		*24 - 120*
Nitrobenzene-d5 (Surr)	*59*		*27 - 120*
Phenol-d5 (Surr)	*64*		*28 - 118*
Terphenyl-d14 (Surr)	*61*		*33 - 124*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-351592-13 MSD
Matrix: Solid
Analysis Batch: 1109686

Client Sample ID: ISS-42_0-4
Prep Type: Total/NA
Prep Batch: 1109639

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	0.36	U	3.65	2.66		mg/Kg	☼	73	64 - 120	15	30
1,2,4,5-Tetrachlorobenzene	0.36	U	3.65	2.57		mg/Kg	☼	71	60 - 120	15	30
1,4-Dioxane	0.036	U	3.65	1.63		mg/Kg	☼	45	31 - 105	25	30
2,2'-oxybis[1-chloropropane]	0.36	U	3.65	2.86		mg/Kg	☼	78	50 - 126	16	30
2,3,4,6-Tetrachlorophenol	0.36	U	3.65	2.86		mg/Kg	☼	78	62 - 120	10	30
2,4,5-Trichlorophenol	0.36	U	3.65	2.84		mg/Kg	☼	78	64 - 120	14	30
2,4,6-Trichlorophenol	0.15	U	3.65	2.77		mg/Kg	☼	76	65 - 120	13	30
2,4-Dichlorophenol	0.15	U	3.65	2.96		mg/Kg	☼	81	66 - 120	14	30
2,4-Dimethylphenol	0.36	U	3.65	2.89		mg/Kg	☼	79	75 - 136	12	30
2,4-Dinitrophenol	0.29	U	7.29	6.45		mg/Kg	☼	88	41 - 120	10	30
2,4-Dinitrotoluene	0.073	U	3.65	2.99		mg/Kg	☼	82	65 - 124	12	30
2,6-Dinitrotoluene	0.073	U	3.65	2.89		mg/Kg	☼	79	67 - 121	11	30
2-Chloronaphthalene	0.36	U	3.65	2.64		mg/Kg	☼	72	64 - 120	15	30
2-Chlorophenol	0.36	U	3.65	2.95		mg/Kg	☼	81	63 - 120	15	30
2-Methylnaphthalene	0.040	J	3.65	2.85		mg/Kg	☼	77	56 - 102	14	30
2-Methylphenol	0.22	U	3.65	2.99		mg/Kg	☼	82	63 - 120	13	30
2-Nitroaniline	0.36	U	3.65	2.90		mg/Kg	☼	79	52 - 120	14	30
2-Nitrophenol	0.36	U	3.65	2.83		mg/Kg	☼	78	64 - 120	15	30
3 & 4 Methylphenol	0.22	U	3.65	2.82		mg/Kg	☼	77	61 - 120	13	30
3,3'-Dichlorobenzidine	0.15	U	3.65	1.78		mg/Kg	☼	49	10 - 106	18	30
3-Nitroaniline	0.36	U	3.65	2.35		mg/Kg	☼	64	18 - 105	9	30
4,6-Dinitro-2-methylphenol	0.29	U	7.29	6.09		mg/Kg	☼	84	61 - 127	9	30
4-Bromophenyl phenyl ether	0.36	U	3.65	2.85		mg/Kg	☼	78	64 - 120	9	30
4-Chloro-3-methylphenol	0.36	U	3.65	3.07		mg/Kg	☼	84	68 - 120	9	30
4-Chloroaniline	0.36	U	3.65	1.78		mg/Kg	☼	49	10 - 107	8	30
4-Chlorophenyl phenyl ether	0.36	U	3.65	2.70		mg/Kg	☼	74	62 - 120	11	30
4-Methylphenol	0.36	U	3.65	2.82		mg/Kg	☼	77	61 - 120	13	30
4-Nitroaniline	0.36	U	3.65	2.76		mg/Kg	☼	76	51 - 112	8	30
4-Nitrophenol	0.73	U	7.29	6.38		mg/Kg	☼	88	52 - 122	12	30
Acenaphthene	0.36	U	3.65	2.68		mg/Kg	☼	74	65 - 120	15	30
Acenaphthylene	0.36	U	3.65	2.77		mg/Kg	☼	76	68 - 120	13	30
Acetophenone	0.36	U	3.65	2.94		mg/Kg	☼	81	61 - 111	15	30
Anthracene	0.36	U	3.65	2.96		mg/Kg	☼	81	67 - 120	11	30
Atrazine	0.15	U	1.46	2.30	*	mg/Kg	☼	158	52 - 150	21	30
Benzaldehyde	0.36	U	1.46	2.07	E	mg/Kg	☼	142	45 - 150	26	30
Benzo[a]anthracene	0.036	U	3.65	3.03		mg/Kg	☼	83	66 - 120	16	30
Benzo[a]pyrene	0.036	U	3.65	3.16		mg/Kg	☼	87	69 - 123	14	30
Benzo[b]fluoranthene	0.036	U	3.65	3.05		mg/Kg	☼	84	66 - 125	13	30
Benzo[g,h,i]perylene	0.36	U	3.65	3.10		mg/Kg	☼	85	66 - 138	13	30
Benzo[k]fluoranthene	0.036	U	3.65	3.02		mg/Kg	☼	83	67 - 122	14	30
Bis(2-chloroethoxy)methane	0.36	U	3.65	2.91		mg/Kg	☼	80	62 - 120	14	30
Bis(2-chloroethyl)ether	0.036	U	3.65	2.76		mg/Kg	☼	76	60 - 120	16	30
Bis(2-ethylhexyl) phthalate	0.36	U	3.65	3.06		mg/Kg	☼	84	64 - 125	13	30
Butyl benzyl phthalate	0.36	U	3.65	3.28		mg/Kg	☼	90	62 - 127	15	30
Caprolactam	0.36	U *	1.46	2.42	E *	mg/Kg	☼	166	46 - 150	19	30
Carbazole	0.36	U	3.65	3.09		mg/Kg	☼	85	64 - 120	12	30
Chrysene	0.36	U	3.65	2.93		mg/Kg	☼	80	67 - 120	14	30
Dibenz(a,h)anthracene	0.036	U	3.65	3.12		mg/Kg	☼	86	66 - 128	12	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-351592-13 MSD
Matrix: Solid
Analysis Batch: 1109686

Client Sample ID: ISS-42_0-4
Prep Type: Total/NA
Prep Batch: 1109639

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dibenzofuran	0.36	U	3.65	2.72		mg/Kg	☼	75	61 - 120	14	30
Diethyl phthalate	0.36	U	3.65	2.85		mg/Kg	☼	78	63 - 120	12	30
Dimethyl phthalate	0.36	U	3.65	2.79		mg/Kg	☼	76	65 - 120	12	30
Di-n-butyl phthalate	0.36	U	3.65	3.40		mg/Kg	☼	93	61 - 120	13	30
Di-n-octyl phthalate	0.36	U	3.65	3.18		mg/Kg	☼	87	61 - 123	14	30
Fluoranthene	0.36	U	3.65	3.12		mg/Kg	☼	86	61 - 120	13	30
Fluorene	0.36	U	3.65	2.77		mg/Kg	☼	76	64 - 120	13	30
Hexachlorobenzene	0.036	U	3.65	2.95		mg/Kg	☼	81	66 - 120	10	30
Hexachlorobutadiene	0.073	U	3.65	2.69		mg/Kg	☼	74	62 - 120	17	30
Hexachlorocyclopentadiene	0.36	U	3.65	2.50		mg/Kg	☼	69	32 - 150	20	30
Hexachloroethane	0.036	U	3.65	2.76		mg/Kg	☼	76	61 - 112	16	30
Indeno[1,2,3-cd]pyrene	0.036	U	3.65	3.05		mg/Kg	☼	84	63 - 137	11	30
Isophorone	0.15	U	3.65	2.84		mg/Kg	☼	78	61 - 120	13	30
Naphthalene	0.041	J	3.65	2.68		mg/Kg	☼	72	63 - 113	16	30
Nitrobenzene	0.036	U	3.65	2.83		mg/Kg	☼	78	63 - 120	17	30
N-Nitrosodi-n-propylamine	0.036	U	3.65	2.93		mg/Kg	☼	80	60 - 120	14	30
N-Nitrosodiphenylamine	0.36	U	3.65	3.00		mg/Kg	☼	82	63 - 120	13	30
Pentachlorophenol	0.29	U	7.29	6.32		mg/Kg	☼	87	61 - 126	12	30
Phenanthrene	0.015	J	3.65	2.92		mg/Kg	☼	80	66 - 120	11	30
Phenol	0.22	U	3.65	2.98		mg/Kg	☼	82	63 - 120	13	30
Pyrene	0.36	U	3.65	2.85		mg/Kg	☼	78	61 - 121	12	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*72*		*18 - 137*
2-Fluorobiphenyl	*65*		*33 - 117*
2-Fluorophenol (Surr)	*75*		*24 - 120*
Nitrobenzene-d5 (Surr)	*71*		*27 - 120*
Phenol-d5 (Surr)	*74*		*28 - 118*
Terphenyl-d14 (Surr)	*70*		*33 - 124*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 460-1109564/1-A
Matrix: Solid
Analysis Batch: 1109786

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1109564

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0020	U	0.0020	0.00081	mg/Kg		05/22/26 17:47	05/26/26 07:51	1
4,4'-DDD	0.0020	U	0.0020	0.00081	mg/Kg		05/22/26 17:47	05/26/26 07:51	1
4,4'-DDE	0.0020	U	0.0020	0.00052	mg/Kg		05/22/26 17:47	05/26/26 07:51	1
4,4'-DDE	0.0020	U	0.0020	0.00052	mg/Kg		05/22/26 17:47	05/26/26 07:51	1
4,4'-DDT	0.0020	U	0.0020	0.00068	mg/Kg		05/22/26 17:47	05/26/26 07:51	1
4,4'-DDT	0.0020	U	0.0020	0.00068	mg/Kg		05/22/26 17:47	05/26/26 07:51	1
Aldrin	0.0020	U	0.0020	0.00030	mg/Kg		05/22/26 17:47	05/26/26 07:51	1
Aldrin	0.0020	U	0.0020	0.00030	mg/Kg		05/22/26 17:47	05/26/26 07:51	1
alpha-BHC	0.0020	U	0.0020	0.00034	mg/Kg		05/22/26 17:47	05/26/26 07:51	1
alpha-BHC	0.0020	U	0.0020	0.00034	mg/Kg		05/22/26 17:47	05/26/26 07:51	1
beta-BHC	0.0020	U	0.0020	0.00040	mg/Kg		05/22/26 17:47	05/26/26 07:51	1
beta-BHC	0.0020	U	0.0020	0.00040	mg/Kg		05/22/26 17:47	05/26/26 07:51	1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 460-1109564/1-A
Matrix: Solid
Analysis Batch: 1109786

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1109564

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		05/22/26 17:47	05/26/26 07:51	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		05/22/26 17:47	05/26/26 07:51	1
cis-Chlordane	0.0020	U	0.0020	0.00021	mg/Kg		05/22/26 17:47	05/26/26 07:51	1
cis-Chlordane	0.0020	U	0.0020	0.00021	mg/Kg		05/22/26 17:47	05/26/26 07:51	1
delta-BHC	0.0020	U	0.0020	0.00028	mg/Kg		05/22/26 17:47	05/26/26 07:51	1
delta-BHC	0.0020	U	0.0020	0.00028	mg/Kg		05/22/26 17:47	05/26/26 07:51	1
Dieldrin	0.0020	U	0.0020	0.00057	mg/Kg		05/22/26 17:47	05/26/26 07:51	1
Dieldrin	0.0020	U	0.0020	0.00057	mg/Kg		05/22/26 17:47	05/26/26 07:51	1
Endosulfan I	0.0020	U	0.0020	0.00025	mg/Kg		05/22/26 17:47	05/26/26 07:51	1
Endosulfan I	0.0020	U	0.0020	0.00025	mg/Kg		05/22/26 17:47	05/26/26 07:51	1
Endosulfan II	0.0020	U	0.0020	0.00034	mg/Kg		05/22/26 17:47	05/26/26 07:51	1
Endosulfan II	0.0020	U	0.0020	0.00034	mg/Kg		05/22/26 17:47	05/26/26 07:51	1
Endosulfan sulfate	0.0020	U	0.0020	0.00044	mg/Kg		05/22/26 17:47	05/26/26 07:51	1
Endosulfan sulfate	0.0020	U	0.0020	0.00044	mg/Kg		05/22/26 17:47	05/26/26 07:51	1
Endrin	0.0020	U	0.0020	0.00020	mg/Kg		05/22/26 17:47	05/26/26 07:51	1
Endrin	0.0020	U	0.0020	0.00020	mg/Kg		05/22/26 17:47	05/26/26 07:51	1
Endrin aldehyde	0.0020	U	0.0020	0.00040	mg/Kg		05/22/26 17:47	05/26/26 07:51	1
Endrin aldehyde	0.0020	U	0.0020	0.00040	mg/Kg		05/22/26 17:47	05/26/26 07:51	1
Endrin ketone	0.0020	U	0.0020	0.00031	mg/Kg		05/22/26 17:47	05/26/26 07:51	1
Endrin ketone	0.0020	U	0.0020	0.00031	mg/Kg		05/22/26 17:47	05/26/26 07:51	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00019	mg/Kg		05/22/26 17:47	05/26/26 07:51	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00019	mg/Kg		05/22/26 17:47	05/26/26 07:51	1
Heptachlor	0.0020	U	0.0020	0.00025	mg/Kg		05/22/26 17:47	05/26/26 07:51	1
Heptachlor	0.0020	U	0.0020	0.00025	mg/Kg		05/22/26 17:47	05/26/26 07:51	1
Heptachlor epoxide	0.0020	U	0.0020	0.00038	mg/Kg		05/22/26 17:47	05/26/26 07:51	1
Heptachlor epoxide	0.0020	U	0.0020	0.00038	mg/Kg		05/22/26 17:47	05/26/26 07:51	1
Methoxychlor	0.0020	U	0.0020	0.00076	mg/Kg		05/22/26 17:47	05/26/26 07:51	1
Methoxychlor	0.0020	U	0.0020	0.00076	mg/Kg		05/22/26 17:47	05/26/26 07:51	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		05/22/26 17:47	05/26/26 07:51	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		05/22/26 17:47	05/26/26 07:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*122*		*10 - 150*	*05/22/26 17:47*	*05/26/26 07:51*	*1*
DCB Decachlorobiphenyl	*119*		*10 - 150*	*05/22/26 17:47*	*05/26/26 07:51*	*1*
Tetrachloro-m-xylene	*96*		*14 - 150*	*05/22/26 17:47*	*05/26/26 07:51*	*1*
Tetrachloro-m-xylene	*98*		*14 - 150*	*05/22/26 17:47*	*05/26/26 07:51*	*1*

Lab Sample ID: LCS 460-1109564/2-A
Matrix: Solid
Analysis Batch: 1109786

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1109564

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.133	0.122		mg/Kg		91	71 - 134
4,4'-DDD	0.133	0.121		mg/Kg		91	71 - 134
4,4'-DDE	0.133	0.129		mg/Kg		96	71 - 137
4,4'-DDE	0.133	0.121		mg/Kg		91	71 - 137
4,4'-DDT	0.133	0.130		mg/Kg		98	69 - 140
4,4'-DDT	0.133	0.124		mg/Kg		93	69 - 140

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 460-1109564/2-A
Matrix: Solid
Analysis Batch: 1109786

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1109564

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aldrin			0.133	0.126		mg/Kg		95	68 - 136		
Aldrin			0.133	0.126		mg/Kg		95	68 - 136		
alpha-BHC			0.133	0.128		mg/Kg		96	71 - 136		
alpha-BHC			0.133	0.130		mg/Kg		97	71 - 136		
beta-BHC			0.133	0.120		mg/Kg		90	67 - 133		
beta-BHC			0.133	0.126		mg/Kg		94	67 - 133		
cis-Chlordane			0.133	0.127		mg/Kg		95	70 - 140		
cis-Chlordane			0.133	0.124		mg/Kg		93	70 - 140		
delta-BHC			0.133	0.130		mg/Kg		97	70 - 135		
delta-BHC			0.133	0.132		mg/Kg		99	70 - 135		
Dieldrin			0.133	0.131		mg/Kg		98	71 - 135		
Dieldrin			0.133	0.126		mg/Kg		95	71 - 135		
Endosulfan I			0.133	0.128		mg/Kg		96	70 - 141		
Endosulfan I			0.133	0.132		mg/Kg		99	70 - 141		
Endosulfan II			0.133	0.131		mg/Kg		98	75 - 141		
Endosulfan II			0.133	0.131		mg/Kg		98	75 - 141		
Endosulfan sulfate			0.133	0.126		mg/Kg		95	67 - 130		
Endosulfan sulfate			0.133	0.125		mg/Kg		93	67 - 130		
Endrin			0.133	0.130		mg/Kg		98	66 - 143		
Endrin			0.133	0.124		mg/Kg		93	66 - 143		
Endrin aldehyde			0.133	0.131		mg/Kg		98	70 - 132		
Endrin aldehyde			0.133	0.128		mg/Kg		96	70 - 132		
Endrin ketone			0.133	0.130		mg/Kg		98	66 - 137		
Endrin ketone			0.133	0.134		mg/Kg		100	66 - 137		
gamma-BHC (Lindane)			0.133	0.130		mg/Kg		97	71 - 137		
gamma-BHC (Lindane)			0.133	0.130		mg/Kg		97	71 - 137		
Heptachlor			0.133	0.124		mg/Kg		93	70 - 140		
Heptachlor			0.133	0.126		mg/Kg		95	70 - 140		
Heptachlor epoxide			0.133	0.127		mg/Kg		95	70 - 135		
Heptachlor epoxide			0.133	0.126		mg/Kg		95	70 - 135		
Methoxychlor			0.133	0.123		mg/Kg		92	63 - 138		
Methoxychlor			0.133	0.114		mg/Kg		85	63 - 138		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*101*		*10 - 150*
DCB Decachlorobiphenyl	*99*		*10 - 150*
Tetrachloro-m-xylene	*84*		*14 - 150*
Tetrachloro-m-xylene	*87*		*14 - 150*

Lab Sample ID: LCSD 460-1109564/3-A
Matrix: Solid
Analysis Batch: 1109786

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1109564

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD			0.133	0.117		mg/Kg		88	71 - 134	4	30
4,4'-DDD			0.133	0.117		mg/Kg		88	71 - 134	3	30
4,4'-DDE			0.133	0.124		mg/Kg		93	71 - 137	4	30
4,4'-DDE			0.133	0.117		mg/Kg		87	71 - 137	3	30

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 460-1109564/3-A
Matrix: Solid
Analysis Batch: 1109786

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1109564

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDT			0.133	0.125		mg/Kg		94	69 - 140	4	30
4,4'-DDT			0.133	0.120		mg/Kg		90	69 - 140	3	30
Aldrin			0.133	0.121		mg/Kg		91	68 - 136	4	30
Aldrin			0.133	0.122		mg/Kg		92	68 - 136	3	30
alpha-BHC			0.133	0.125		mg/Kg		93	71 - 136	3	30
alpha-BHC			0.133	0.126		mg/Kg		94	71 - 136	3	30
beta-BHC			0.133	0.117		mg/Kg		88	67 - 133	3	30
beta-BHC			0.133	0.117		mg/Kg		88	67 - 133	7	30
cis-Chlordane			0.133	0.122		mg/Kg		92	70 - 140	4	30
cis-Chlordane			0.133	0.120		mg/Kg		90	70 - 140	3	30
delta-BHC			0.133	0.125		mg/Kg		93	70 - 135	4	30
delta-BHC			0.133	0.128		mg/Kg		96	70 - 135	3	30
Dieldrin			0.133	0.126		mg/Kg		94	71 - 135	4	30
Dieldrin			0.133	0.122		mg/Kg		92	71 - 135	3	30
Endosulfan I			0.133	0.124		mg/Kg		93	70 - 141	3	30
Endosulfan I			0.133	0.129		mg/Kg		97	70 - 141	2	30
Endosulfan II			0.133	0.127		mg/Kg		95	75 - 141	3	30
Endosulfan II			0.133	0.127		mg/Kg		95	75 - 141	3	30
Endosulfan sulfate			0.133	0.123		mg/Kg		92	67 - 130	2	30
Endosulfan sulfate			0.133	0.121		mg/Kg		91	67 - 130	3	30
Endrin			0.133	0.124		mg/Kg		93	66 - 143	5	30
Endrin			0.133	0.120		mg/Kg		90	66 - 143	4	30
Endrin aldehyde			0.133	0.127		mg/Kg		95	70 - 132	3	30
Endrin aldehyde			0.133	0.125		mg/Kg		94	70 - 132	2	30
Endrin ketone			0.133	0.127		mg/Kg		95	66 - 137	3	30
Endrin ketone			0.133	0.130		mg/Kg		98	66 - 137	3	30
gamma-BHC (Lindane)			0.133	0.126		mg/Kg		94	71 - 137	3	30
gamma-BHC (Lindane)			0.133	0.125		mg/Kg		93	71 - 137	4	30
Heptachlor			0.133	0.120		mg/Kg		90	70 - 140	4	30
Heptachlor			0.133	0.122		mg/Kg		92	70 - 140	3	30
Heptachlor epoxide			0.133	0.122		mg/Kg		92	70 - 135	4	30
Heptachlor epoxide			0.133	0.122		mg/Kg		92	70 - 135	3	30
Methoxychlor			0.133	0.120		mg/Kg		90	63 - 138	2	30
Methoxychlor			0.133	0.107		mg/Kg		80	63 - 138	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*107*		*10 - 150*
DCB Decachlorobiphenyl	*103*		*10 - 150*
Tetrachloro-m-xylene	*80*		*14 - 150*
Tetrachloro-m-xylene	*84*		*14 - 150*

Lab Sample ID: 460-351557-C-1-D MS
Matrix: Solid
Analysis Batch: 1109786

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1109564

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.0022	U	0.150	0.149		mg/Kg	☼	99	71 - 134
4,4'-DDD	0.0022	U	0.150	0.150		mg/Kg	☼	100	71 - 134

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-351557-C-1-D MS
Matrix: Solid
Analysis Batch: 1109786

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1109564

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDE	0.0022	U	0.150	0.155		mg/Kg	☼	103	71 - 137
4,4'-DDE	0.0022	U	0.150	0.147		mg/Kg	☼	98	71 - 137
4,4'-DDT	0.0022	U	0.150	0.157		mg/Kg	☼	105	69 - 140
4,4'-DDT	0.0022	U	0.150	0.154		mg/Kg	☼	103	69 - 140
Aldrin	0.0022	U	0.150	0.152		mg/Kg	☼	101	68 - 136
Aldrin	0.0022	U	0.150	0.152		mg/Kg	☼	102	68 - 136
alpha-BHC	0.0022	U	0.150	0.155		mg/Kg	☼	104	71 - 136
alpha-BHC	0.0022	U	0.150	0.157		mg/Kg	☼	105	71 - 136
beta-BHC	0.0022	U	0.150	0.149		mg/Kg	☼	99	67 - 133
beta-BHC	0.0022	U	0.150	0.148		mg/Kg	☼	99	67 - 133
cis-Chlordane	0.0022	U	0.150	0.152		mg/Kg	☼	101	70 - 140
cis-Chlordane	0.0022	U	0.150	0.149		mg/Kg	☼	100	70 - 140
delta-BHC	0.0022	U	0.150	0.159		mg/Kg	☼	107	70 - 135
delta-BHC	0.0022	U	0.150	0.161		mg/Kg	☼	108	70 - 135
Dieldrin	0.0022	U	0.150	0.155		mg/Kg	☼	104	71 - 135
Dieldrin	0.0022	U	0.150	0.153		mg/Kg	☼	102	71 - 135
Endosulfan I	0.0022	U	0.150	0.154		mg/Kg	☼	103	70 - 141
Endosulfan I	0.0022	U	0.150	0.159		mg/Kg	☼	106	70 - 141
Endosulfan II	0.0022	U	0.150	0.158		mg/Kg	☼	106	75 - 141
Endosulfan II	0.0022	U	0.150	0.161		mg/Kg	☼	107	75 - 141
Endosulfan sulfate	0.0022	U	0.150	0.154		mg/Kg	☼	103	67 - 130
Endosulfan sulfate	0.0022	U	0.150	0.153		mg/Kg	☼	102	67 - 130
Endrin	0.0022	U	0.150	0.156		mg/Kg	☼	104	66 - 143
Endrin	0.0022	U	0.150	0.149		mg/Kg	☼	99	66 - 143
Endrin aldehyde	0.0022	U	0.150	0.157		mg/Kg	☼	105	70 - 132
Endrin aldehyde	0.0022	U	0.150	0.158		mg/Kg	☼	106	70 - 132
Endrin ketone	0.0022	U	0.150	0.161		mg/Kg	☼	108	66 - 137
Endrin ketone	0.0022	U	0.150	0.164		mg/Kg	☼	110	66 - 137
gamma-BHC (Lindane)	0.0022	U	0.150	0.157		mg/Kg	☼	105	71 - 137
gamma-BHC (Lindane)	0.0022	U	0.150	0.156		mg/Kg	☼	104	71 - 137
Heptachlor	0.0022	U	0.150	0.150		mg/Kg	☼	100	70 - 140
Heptachlor	0.0022	U	0.150	0.152		mg/Kg	☼	102	70 - 140
Heptachlor epoxide	0.0022	U	0.150	0.152		mg/Kg	☼	102	70 - 135
Heptachlor epoxide	0.0022	U	0.150	0.153		mg/Kg	☼	102	70 - 135
Methoxychlor	0.0022	U	0.150	0.153		mg/Kg	☼	102	63 - 138
Methoxychlor	0.0022	U	0.150	0.140		mg/Kg	☼	93	63 - 138

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*128*		*10 - 150*
DCB Decachlorobiphenyl	*122*		*10 - 150*
Tetrachloro-m-xylene	*98*		*14 - 150*
Tetrachloro-m-xylene	*101*		*14 - 150*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-351557-C-1-E MSD
Matrix: Solid
Analysis Batch: 1109786

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1109564

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	0.0022	U	0.148	0.140		mg/Kg	☼	94	71 - 134	6	30
4,4'-DDD	0.0022	U	0.148	0.139		mg/Kg	☼	93	71 - 134	8	30
4,4'-DDE	0.0022	U	0.148	0.146		mg/Kg	☼	98	71 - 137	6	30
4,4'-DDE	0.0022	U	0.148	0.136		mg/Kg	☼	92	71 - 137	8	30
4,4'-DDT	0.0022	U	0.148	0.148		mg/Kg	☼	100	69 - 140	6	30
4,4'-DDT	0.0022	U	0.148	0.141		mg/Kg	☼	95	69 - 140	9	30
Aldrin	0.0022	U	0.148	0.143		mg/Kg	☼	96	68 - 136	6	30
Aldrin	0.0022	U	0.148	0.142		mg/Kg	☼	95	68 - 136	7	30
alpha-BHC	0.0022	U	0.148	0.146		mg/Kg	☼	98	71 - 136	6	30
alpha-BHC	0.0022	U	0.148	0.146		mg/Kg	☼	98	71 - 136	7	30
beta-BHC	0.0022	U	0.148	0.140		mg/Kg	☼	94	67 - 133	6	30
beta-BHC	0.0022	U	0.148	0.141		mg/Kg	☼	95	67 - 133	5	30
cis-Chlordane	0.0022	U	0.148	0.144		mg/Kg	☼	97	70 - 140	5	30
cis-Chlordane	0.0022	U	0.148	0.139		mg/Kg	☼	94	70 - 140	7	30
delta-BHC	0.0022	U	0.148	0.150		mg/Kg	☼	101	70 - 135	6	30
delta-BHC	0.0022	U	0.148	0.150		mg/Kg	☼	101	70 - 135	7	30
Dieldrin	0.0022	U	0.148	0.147		mg/Kg	☼	99	71 - 135	5	30
Dieldrin	0.0022	U	0.148	0.142		mg/Kg	☼	96	71 - 135	7	30
Endosulfan I	0.0022	U	0.148	0.146		mg/Kg	☼	98	70 - 141	5	30
Endosulfan I	0.0022	U	0.148	0.149		mg/Kg	☼	101	70 - 141	6	30
Endosulfan II	0.0022	U	0.148	0.149		mg/Kg	☼	101	75 - 141	6	30
Endosulfan II	0.0022	U	0.148	0.149		mg/Kg	☼	100	75 - 141	8	30
Endosulfan sulfate	0.0022	U	0.148	0.145		mg/Kg	☼	98	67 - 130	6	30
Endosulfan sulfate	0.0022	U	0.148	0.142		mg/Kg	☼	96	67 - 130	7	30
Endrin	0.0022	U	0.148	0.147		mg/Kg	☼	99	66 - 143	6	30
Endrin	0.0022	U	0.148	0.138		mg/Kg	☼	93	66 - 143	7	30
Endrin aldehyde	0.0022	U	0.148	0.150		mg/Kg	☼	101	70 - 132	5	30
Endrin aldehyde	0.0022	U	0.148	0.148		mg/Kg	☼	100	70 - 132	7	30
Endrin ketone	0.0022	U	0.148	0.151		mg/Kg	☼	102	66 - 137	7	30
Endrin ketone	0.0022	U	0.148	0.154		mg/Kg	☼	104	66 - 137	6	30
gamma-BHC (Lindane)	0.0022	U	0.148	0.147		mg/Kg	☼	99	71 - 137	6	30
gamma-BHC (Lindane)	0.0022	U	0.148	0.145		mg/Kg	☼	98	71 - 137	7	30
Heptachlor	0.0022	U	0.148	0.142		mg/Kg	☼	95	70 - 140	6	30
Heptachlor	0.0022	U	0.148	0.142		mg/Kg	☼	96	70 - 140	7	30
Heptachlor epoxide	0.0022	U	0.148	0.144		mg/Kg	☼	97	70 - 135	6	30
Heptachlor epoxide	0.0022	U	0.148	0.142		mg/Kg	☼	96	70 - 135	7	30
Methoxychlor	0.0022	U	0.148	0.141		mg/Kg	☼	95	63 - 138	8	30
Methoxychlor	0.0022	U	0.148	0.129		mg/Kg	☼	87	63 - 138	8	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*120*		*10 - 150*
DCB Decachlorobiphenyl	*118*		*10 - 150*
Tetrachloro-m-xylene	*93*		*14 - 150*
Tetrachloro-m-xylene	*100*		*14 - 150*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 460-1109551/1-A
Matrix: Solid
Analysis Batch: 1109913

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1109551

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		05/22/26 17:28	05/26/26 21:22	1
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		05/22/26 17:28	05/26/26 21:22	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		05/22/26 17:28	05/26/26 21:22	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		05/22/26 17:28	05/26/26 21:22	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		05/22/26 17:28	05/26/26 21:22	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		05/22/26 17:28	05/26/26 21:22	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		05/22/26 17:28	05/26/26 21:22	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		05/22/26 17:28	05/26/26 21:22	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		05/22/26 17:28	05/26/26 21:22	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		05/22/26 17:28	05/26/26 21:22	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		05/22/26 17:28	05/26/26 21:22	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		05/22/26 17:28	05/26/26 21:22	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		05/22/26 17:28	05/26/26 21:22	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		05/22/26 17:28	05/26/26 21:22	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		05/22/26 17:28	05/26/26 21:22	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		05/22/26 17:28	05/26/26 21:22	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		05/22/26 17:28	05/26/26 21:22	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		05/22/26 17:28	05/26/26 21:22	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		05/22/26 17:28	05/26/26 21:22	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		05/22/26 17:28	05/26/26 21:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*95*		*10 - 150*	*05/22/26 17:28*	*05/26/26 21:22*	*1*
DCB Decachlorobiphenyl	*98*		*10 - 150*	*05/22/26 17:28*	*05/26/26 21:22*	*1*
Tetrachloro-m-xylene	*81*		*10 - 150*	*05/22/26 17:28*	*05/26/26 21:22*	*1*
Tetrachloro-m-xylene	*80*		*10 - 150*	*05/22/26 17:28*	*05/26/26 21:22*	*1*

Lab Sample ID: LCS 460-1109551/2-A
Matrix: Solid
Analysis Batch: 1109913

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1109551

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor 1016	0.333	0.353		mg/Kg		106	59 - 149
Aroclor 1016	0.333	0.350		mg/Kg		105	59 - 149
Aroclor 1260	0.333	0.373		mg/Kg		112	62 - 145
Aroclor 1260	0.333	0.347		mg/Kg		104	62 - 145

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*116*		*10 - 150*
DCB Decachlorobiphenyl	*120*		*10 - 150*
Tetrachloro-m-xylene	*102*		*10 - 150*
Tetrachloro-m-xylene	*101*		*10 - 150*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCSD 460-1109551/3-A
Matrix: Solid
Analysis Batch: 1109913

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1109551

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016			0.333	0.322		mg/Kg		97	59 - 149	9	30
Aroclor 1016			0.333	0.297		mg/Kg		89	59 - 149	16	30
Aroclor 1260			0.333	0.333		mg/Kg		100	62 - 145	11	30
Aroclor 1260			0.333	0.303		mg/Kg		91	62 - 145	14	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*110*		*10 - 150*
DCB Decachlorobiphenyl	*112*		*10 - 150*
Tetrachloro-m-xylene	*97*		*10 - 150*
Tetrachloro-m-xylene	*94*		*10 - 150*

Lab Sample ID: 460-351557-C-1-A MS
Matrix: Solid
Analysis Batch: 1109913

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1109551

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor 1016	0.075	U	0.373	0.799	*	mg/Kg	☼	214	59 - 149
Aroclor 1016	0.075	U	0.373	0.817	*	mg/Kg	☼	219	59 - 149
Aroclor 1260	0.075	U	0.373	0.879	*	mg/Kg	☼	236	62 - 145
Aroclor 1260	0.075	U	0.373	0.804	*	mg/Kg	☼	215	62 - 145

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*122*		*10 - 150*
DCB Decachlorobiphenyl	*125*		*10 - 150*
Tetrachloro-m-xylene	*105*		*10 - 150*
Tetrachloro-m-xylene	*101*		*10 - 150*

Lab Sample ID: 460-351557-C-1-B MSD
Matrix: Solid
Analysis Batch: 1109913

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1109551

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016	0.075	U	0.373	0.506	*	mg/Kg	☼	135	59 - 149	45	30
Aroclor 1016	0.075	U	0.373	0.496	*	mg/Kg	☼	133	59 - 149	49	30
Aroclor 1260	0.075	U	0.373	0.497	*	mg/Kg	☼	133	62 - 145	56	30
Aroclor 1260	0.075	U	0.373	0.526	*	mg/Kg	☼	141	62 - 145	42	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*137*		*10 - 150*
DCB Decachlorobiphenyl	*142*		*10 - 150*
Tetrachloro-m-xylene	*120*		*10 - 150*
Tetrachloro-m-xylene	*119*		*10 - 150*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Lab Sample ID: MB 410-823399/1-A
Matrix: Solid
Analysis Batch: 825180

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 823399

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg		05/25/26 14:57	05/28/26 19:54	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg		05/25/26 14:57	05/28/26 19:54	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg		05/25/26 14:57	05/28/26 19:54	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg		05/25/26 14:57	05/28/26 19:54	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg		05/25/26 14:57	05/28/26 19:54	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.10	ug/Kg		05/25/26 14:57	05/28/26 19:54	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.060	ug/Kg		05/25/26 14:57	05/28/26 19:54	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.10	ug/Kg		05/25/26 14:57	05/28/26 19:54	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.10	ug/Kg		05/25/26 14:57	05/28/26 19:54	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.10	ug/Kg		05/25/26 14:57	05/28/26 19:54	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.10	ug/Kg		05/25/26 14:57	05/28/26 19:54	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg		05/25/26 14:57	05/28/26 19:54	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg		05/25/26 14:57	05/28/26 19:54	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg		05/25/26 14:57	05/28/26 19:54	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg		05/25/26 14:57	05/28/26 19:54	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg		05/25/26 14:57	05/28/26 19:54	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg		05/25/26 14:57	05/28/26 19:54	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg		05/25/26 14:57	05/28/26 19:54	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg		05/25/26 14:57	05/28/26 19:54	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg		05/25/26 14:57	05/28/26 19:54	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg		05/25/26 14:57	05/28/26 19:54	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg		05/25/26 14:57	05/28/26 19:54	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg		05/25/26 14:57	05/28/26 19:54	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg		05/25/26 14:57	05/28/26 19:54	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg		05/25/26 14:57	05/28/26 19:54	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg		05/25/26 14:57	05/28/26 19:54	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg		05/25/26 14:57	05/28/26 19:54	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.00	U	1.00	0.50	ug/Kg		05/25/26 14:57	05/28/26 19:54	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.00	U	1.00	0.50	ug/Kg		05/25/26 14:57	05/28/26 19:54	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg		05/25/26 14:57	05/28/26 19:54	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg		05/25/26 14:57	05/28/26 19:54	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg		05/25/26 14:57	05/28/26 19:54	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg		05/25/26 14:57	05/28/26 19:54	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg		05/25/26 14:57	05/28/26 19:54	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg		05/25/26 14:57	05/28/26 19:54	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-823399/1-A
Matrix: Solid
Analysis Batch: 825180

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 823399

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg		05/25/26 14:57	05/28/26 19:54	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg		05/25/26 14:57	05/28/26 19:54	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg		05/25/26 14:57	05/28/26 19:54	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.00	U	1.00	0.50	ug/Kg		05/25/26 14:57	05/28/26 19:54	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.00	U	1.00	0.50	ug/Kg		05/25/26 14:57	05/28/26 19:54	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*133*	*	*8 - 130*	*05/25/26 14:57*	*05/28/26 19:54*	*1*
13C5 PFPeA	*120*		*35 - 130*	*05/25/26 14:57*	*05/28/26 19:54*	*1*
13C5 PFHxA	*131*	*	*40 - 130*	*05/25/26 14:57*	*05/28/26 19:54*	*1*
13C4 PFHpA	*126*		*40 - 130*	*05/25/26 14:57*	*05/28/26 19:54*	*1*
13C8 PFOA	*123*		*40 - 130*	*05/25/26 14:57*	*05/28/26 19:54*	*1*
13C9 PFNA	*132*	*	*40 - 130*	*05/25/26 14:57*	*05/28/26 19:54*	*1*
13C6 PFDA	*118*		*40 - 130*	*05/25/26 14:57*	*05/28/26 19:54*	*1*
13C7 PFUnA	*119*		*40 - 130*	*05/25/26 14:57*	*05/28/26 19:54*	*1*
13C2 PFTeDA	*88.2*		*20 - 130*	*05/25/26 14:57*	*05/28/26 19:54*	*1*
13C3 PFBS	*139*	*	*40 - 135*	*05/25/26 14:57*	*05/28/26 19:54*	*1*
13C3 PFHxS	*130*		*40 - 130*	*05/25/26 14:57*	*05/28/26 19:54*	*1*
13C8 PFOS	*119*		*40 - 130*	*05/25/26 14:57*	*05/28/26 19:54*	*1*
13C8 FOSA	*107*		*40 - 130*	*05/25/26 14:57*	*05/28/26 19:54*	*1*
d3-NMeFOSAA	*114*		*40 - 135*	*05/25/26 14:57*	*05/28/26 19:54*	*1*
d5-NEtFOSAA	*111*		*40 - 150*	*05/25/26 14:57*	*05/28/26 19:54*	*1*
13C2 4:2 FTS	*155*		*40 - 165*	*05/25/26 14:57*	*05/28/26 19:54*	*1*
13C2 6:2 FTS	*167*		*40 - 215*	*05/25/26 14:57*	*05/28/26 19:54*	*1*
13C2 8:2 FTS	*136*		*40 - 275*	*05/25/26 14:57*	*05/28/26 19:54*	*1*
13C3 HFPO-DA	*121*		*40 - 130*	*05/25/26 14:57*	*05/28/26 19:54*	*1*
d7-N-MeFOSE-M	*51.0*		*20 - 130*	*05/25/26 14:57*	*05/28/26 19:54*	*1*
d9-N-EtFOSE-M	*38.6*		*15 - 130*	*05/25/26 14:57*	*05/28/26 19:54*	*1*
d5-NEtPFOSA	*68.9*		*10 - 130*	*05/25/26 14:57*	*05/28/26 19:54*	*1*
d3-NMePFOSA	*73.2*		*10 - 130*	*05/25/26 14:57*	*05/28/26 19:54*	*1*
13C2 PFDoA	*110*		*40 - 130*	*05/25/26 14:57*	*05/28/26 19:54*	*1*
13C3-3:3 FTCA	*119*		*20 - 150*	*05/25/26 14:57*	*05/28/26 19:54*	*1*
13C3-5:3 FTCA	*104*		*20 - 150*	*05/25/26 14:57*	*05/28/26 19:54*	*1*
13C3-PFDoS	*91.3*		*20 - 150*	*05/25/26 14:57*	*05/28/26 19:54*	*1*

Lab Sample ID: LCS 410-823399/2-A
Matrix: Solid
Analysis Batch: 824511

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 823399

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	5.00	4.525		ug/Kg		90	70 - 140
Perfluoropentanoic acid (PFPeA)	2.50	2.318		ug/Kg		93	60 - 150
Perfluorohexanoic acid (PFHxA)	2.50	2.218		ug/Kg		89	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.50	2.388		ug/Kg		96	65 - 145
Perfluorooctanoic acid (PFOA)	2.50	2.081		ug/Kg		83	70 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-823399/2-A
Matrix: Solid
Analysis Batch: 824511

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 823399

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorononanoic acid (PFNA)	2.50	2.458		ug/Kg		98	70 - 155
Perfluorodecanoic acid (PFDA)	2.50	2.244		ug/Kg		90	70 - 155
Perfluoroundecanoic acid (PFUnA)	2.50	2.340		ug/Kg		94	70 - 155
Perfluorododecanoic acid (PFDoA)	2.50	2.304		ug/Kg		92	70 - 150
Perfluorotridecanoic acid (PFTrDA)	2.50	2.263		ug/Kg		91	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.50	2.370		ug/Kg		95	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.22	2.137		ug/Kg		96	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.35	2.244		ug/Kg		95	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.28	2.129		ug/Kg		93	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.39	2.233		ug/Kg		94	65 - 155
Perfluorooctanesulfonic acid (PFOS)	2.33	2.087		ug/Kg		90	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.41	2.197		ug/Kg		91	55 - 140
Perfluorodecanesulfonic acid (PFDS)	2.41	1.919		ug/Kg		80	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	2.43	2.230		ug/Kg		92	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	4.297		ug/Kg		92	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.76	4.180		ug/Kg		88	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.80	4.223		ug/Kg		88	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.50	2.239		ug/Kg		90	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	2.407		ug/Kg		96	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.50	2.313		ug/Kg		93	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.50	2.291		ug/Kg		92	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50	2.237		ug/Kg		89	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	11.82		ug/Kg		95	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	12.49		ug/Kg		100	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	1.654		ug/Kg		88	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.37	2.028		ug/Kg		86	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.50	2.484		ug/Kg		99	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.50	2.269		ug/Kg		91	60 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-823399/2-A
Matrix: Solid
Analysis Batch: 824511

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 823399

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			2.50	2.305		ug/Kg		92	60 - 155		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			2.34	2.100		ug/Kg		90	70 - 150		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			2.36	1.824		ug/Kg		77	45 - 160		
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			2.23	1.927		ug/Kg		86	70 - 140		
3-Perfluoropropylpropanoic acid (3:3 FTCA)			5.00	4.257		ug/Kg		85	45 - 130		
3-Perfluoropentylpropanoic acid (5:3 FTCA)			12.5	9.742		ug/Kg		78	60 - 130		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			12.5	8.163		ug/Kg		65	60 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*99.1*		*8 - 130*
13C5 PFPeA	*106*		*35 - 130*
13C5 PFHxA	*102*		*40 - 130*
13C4 PFHpA	*104*		*40 - 130*
13C8 PFOA	*88.5*		*40 - 130*
13C9 PFNA	*90.8*		*40 - 130*
13C6 PFDA	*78.6*		*40 - 130*
13C7 PFUnA	*73.0*		*40 - 130*
13C2 PFTeDA	*57.5*		*20 - 130*
13C3 PFBS	*94.0*		*40 - 135*
13C3 PFHxS	*90.5*		*40 - 130*
13C8 PFOS	*79.9*		*40 - 130*
13C8 FOSA	*71.9*		*40 - 130*
d3-NMeFOSAA	*81.5*		*40 - 135*
d5-NEtFOSAA	*72.0*		*40 - 150*
13C2 4:2 FTS	*165*		*40 - 165*
13C2 6:2 FTS	*156*		*40 - 215*
13C2 8:2 FTS	*198*		*40 - 275*
13C3 HFPO-DA	*110*		*40 - 130*
d7-N-MeFOSE-M	*34.1*		*20 - 130*
d9-N-EtFOSE-M	*24.8*		*15 - 130*
d5-NEtPFOSA	*57.3*		*10 - 130*
d3-NMePFOSA	*60.6*		*10 - 130*
13C2 PFDoA	*66.1*		*40 - 130*
13C3-3:3 FTCA	*113*		*20 - 150*
13C3-5:3 FTCA	*89.9*		*20 - 150*
13C3-PFDoS	*59.6*		*20 - 150*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-823399/3-A
Matrix: Solid
Analysis Batch: 824511

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 823399

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.500	0.455		ug/Kg		91	70 - 140
Perfluoropentanoic acid (PFPeA)	0.250	0.249		ug/Kg		100	60 - 150
Perfluorohexanoic acid (PFHxA)	0.250	0.259		ug/Kg		104	65 - 140
Perfluoroheptanoic acid (PFHpA)	0.250	0.249		ug/Kg		100	65 - 145
Perfluorooctanoic acid (PFOA)	0.250	0.237		ug/Kg		95	70 - 150
Perfluorononanoic acid (PFNA)	0.250	0.271		ug/Kg		109	70 - 155
Perfluorodecanoic acid (PFDA)	0.250	0.256		ug/Kg		102	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.250	0.234		ug/Kg		94	70 - 155
Perfluorododecanoic acid (PFDoA)	0.250	0.243		ug/Kg		97	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.250	0.246		ug/Kg		98	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.250	0.251		ug/Kg		101	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.222	0.213		ug/Kg		96	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.235	0.228		ug/Kg		97	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.228	0.235		ug/Kg		103	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.239	0.232		ug/Kg		97	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.233	0.223		ug/Kg		96	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.241	0.222		ug/Kg		92	55 - 140
Perfluorodecanesulfonic acid (PFDS)	0.241	0.211		ug/Kg		87	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.243	0.250		ug/Kg		103	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.469	0.457		ug/Kg		97	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.476	0.466		ug/Kg		98	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.480	0.498		ug/Kg		104	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.250	0.238		ug/Kg		95	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.250	0.241		ug/Kg		96	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.250	0.227		ug/Kg		91	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.250	0.252		ug/Kg		101	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.250	0.271		ug/Kg		108	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.25	1.217		ug/Kg		97	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.25	1.559		ug/Kg		125	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.188	0.180	J	ug/Kg		95	70 - 145

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-823399/3-A
Matrix: Solid
Analysis Batch: 824511

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 823399

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)			0.237	0.215		ug/Kg		91	70 - 160		
Perfluoro-3-methoxypropanoic acid (PFMPA)			0.250	0.262		ug/Kg		105	30 - 140		
Perfluoro-4-methoxybutanoic acid (PFMBA)			0.250	0.234		ug/Kg		94	60 - 150		
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			0.250	0.231		ug/Kg		92	60 - 155		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			0.234	0.214		ug/Kg		92	70 - 150		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			0.236	0.177	J	ug/Kg		75	45 - 160		
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			0.223	0.193	J	ug/Kg		87	70 - 140		
3-Perfluoropropylpropanoic acid (3:3 FTCA)			0.500	0.556		ug/Kg		111	45 - 130		
3-Perfluoropentylpropanoic acid (5:3 FTCA)			1.25	1.286		ug/Kg		103	60 - 130		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			1.25	0.959	J	ug/Kg		77	60 - 150		

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*88.1*		*8 - 130*
13C5 PFPeA	*88.4*		*35 - 130*
13C5 PFHxA	*85.8*		*40 - 130*
13C4 PFHpA	*85.0*		*40 - 130*
13C8 PFOA	*74.1*		*40 - 130*
13C9 PFNA	*75.1*		*40 - 130*
13C6 PFDA	*72.4*		*40 - 130*
13C7 PFUnA	*69.5*		*40 - 130*
13C2 PFTeDA	*51.4*		*20 - 130*
13C3 PFBS	*83.5*		*40 - 135*
13C3 PFHxS	*81.4*		*40 - 130*
13C8 PFOS	*77.6*		*40 - 130*
13C8 FOSA	*60.0*		*40 - 130*
d3-NMeFOSAA	*73.8*		*40 - 135*
d5-NEtFOSAA	*67.5*		*40 - 150*
13C2 4:2 FTS	*144*		*40 - 165*
13C2 6:2 FTS	*130*		*40 - 215*
13C2 8:2 FTS	*150*		*40 - 275*
13C3 HFPO-DA	*88.5*		*40 - 130*
d7-N-MeFOSE-M	*15.6*	*	*20 - 130*
d9-N-EtFOSE-M	*9.20*	*	*15 - 130*
d5-NEtPFOSA	*50.3*		*10 - 130*
d3-NMePFOSA	*51.3*		*10 - 130*
13C2 PFDoA	*64.0*		*40 - 130*
13C3-3:3 FTCA	*83.9*		*20 - 150*
13C3-5:3 FTCA	*68.6*		*20 - 150*
13C3-PFDoS	*51.9*		*20 - 150*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 680-270957-J-5-B MS
Matrix: Solid
Analysis Batch: 824511

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 823399

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.40	U	4.89	4.363		ug/Kg	☼	89	70 - 140
Perfluoropentanoic acid (PFPeA)	0.20	U	2.44	2.316		ug/Kg	☼	95	60 - 150
Perfluorohexanoic acid (PFHxA)	0.20	U	2.44	2.246		ug/Kg	☼	92	65 - 140
Perfluoroheptanoic acid (PFHpA)	0.20	U	2.44	2.126		ug/Kg	☼	87	65 - 145
Perfluorooctanoic acid (PFOA)	0.20	U	2.44	2.071		ug/Kg	☼	85	70 - 150
Perfluorononanoic acid (PFNA)	0.20	U	2.44	2.319		ug/Kg	☼	95	70 - 155
Perfluorodecanoic acid (PFDA)	0.065	J	2.44	2.213		ug/Kg	☼	88	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.20	U	2.44	2.101		ug/Kg	☼	86	70 - 155
Perfluorododecanoic acid (PFDoA)	0.20	U	2.44	2.275		ug/Kg	☼	93	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.20	U	2.44	2.031		ug/Kg	☼	83	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	2.44	2.115		ug/Kg	☼	87	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.20	U	2.17	2.074		ug/Kg	☼	96	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	2.30	2.503		ug/Kg	☼	109	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	2.23	2.007		ug/Kg	☼	90	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	2.33	2.531		ug/Kg	☼	109	65 - 155
Perfluorooctanesulfonic acid (PFOS)	3.56		2.27	6.234		ug/Kg	☼	118	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.20	U	2.35	2.097		ug/Kg	☼	89	55 - 140
Perfluorodecanesulfonic acid (PFDS)	0.20	U	2.36	1.822		ug/Kg	☼	77	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	2.37	2.069		ug/Kg	☼	87	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	4.59	4.173		ug/Kg	☼	91	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	4.65	4.216		ug/Kg	☼	91	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	4.69	4.076		ug/Kg	☼	87	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.21		2.44	2.409		ug/Kg	☼	90	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	2.44	2.367		ug/Kg	☼	97	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	2.44	2.303		ug/Kg	☼	94	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.29		2.44	3.439		ug/Kg	☼	88	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.11	J	2.44	2.184		ug/Kg	☼	85	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	2.54		12.2	15.24		ug/Kg	☼	104	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	12.2	13.62		ug/Kg	☼	111	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	1.84	1.706		ug/Kg	☼	93	70 - 145

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 680-270957-J-5-B MS
Matrix: Solid
Analysis Batch: 824511

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 823399

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	2.31	2.085		ug/Kg	☼	90	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	2.44	2.483		ug/Kg	☼	102	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	2.44	2.231		ug/Kg	☼	91	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	2.44	2.115		ug/Kg	☼	87	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	2.28	1.969		ug/Kg	☼	86	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	2.31	1.763		ug/Kg	☼	76	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	2.18	1.909		ug/Kg	☼	88	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	4.89	4.101		ug/Kg	☼	84	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	12.2	10.63		ug/Kg	☼	87	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	12.2	6.780	*	ug/Kg	☼	55	60 - 150

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
13C4 PFBA	*126*		*8 - 130*
13C5 PFPeA	*137*	*	*35 - 130*
13C5 PFHxA	*136*	*	*40 - 130*
13C4 PFHpA	*138*	*	*40 - 130*
13C8 PFOA	*107*		*40 - 130*
13C9 PFNA	*101*		*40 - 130*
13C6 PFDA	*78.3*		*40 - 130*
13C7 PFUnA	*71.4*		*40 - 130*
13C2 PFTeDA	*42.2*		*20 - 130*
13C3 PFBS	*120*		*40 - 135*
13C3 PFHxS	*97.7*		*40 - 130*
13C8 PFOS	*67.1*		*40 - 130*
13C8 FOSA	*80.7*		*40 - 130*
d3-NMeFOSAA	*71.6*		*40 - 135*
d5-NEtFOSAA	*65.1*		*40 - 150*
13C2 4:2 FTS	*216*	*	*40 - 165*
13C2 6:2 FTS	*199*		*40 - 215*
13C2 8:2 FTS	*196*		*40 - 275*
13C3 HFPO-DA	*134*	*	*40 - 130*
d7-N-MeFOSE-M	*17.6*	*	*20 - 130*
d9-N-EtFOSE-M	*8.78*	*	*15 - 130*
d5-NEtPFOSA	*57.1*		*10 - 130*
d3-NMePFOSA	*63.8*		*10 - 130*
13C2 PFDoA	*60.2*		*40 - 130*
13C3-3:3 FTCA	*139*		*20 - 150*
13C3-5:3 FTCA	*109*		*20 - 150*
13C3-PFDoS	*41.9*		*20 - 150*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 680-270957-J-5-C MSD
Matrix: Solid
Analysis Batch: 824511

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 823399

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	0.40	U	4.93	4.288		ug/Kg	☼	87	70 - 140	2	30
Perfluoropentanoic acid (PFPeA)	0.20	U	2.47	2.310		ug/Kg	☼	94	60 - 150	0	30
Perfluorohexanoic acid (PFHxA)	0.20	U	2.47	2.166		ug/Kg	☼	88	65 - 140	4	30
Perfluoroheptanoic acid (PFHpA)	0.20	U	2.47	2.326		ug/Kg	☼	94	65 - 145	9	30
Perfluorooctanoic acid (PFOA)	0.20	U	2.47	2.169		ug/Kg	☼	88	70 - 150	5	30
Perfluorononanoic acid (PFNA)	0.20	U	2.47	2.348		ug/Kg	☼	95	70 - 155	1	30
Perfluorodecanoic acid (PFDA)	0.065	J	2.47	2.278		ug/Kg	☼	90	70 - 155	3	30
Perfluoroundecanoic acid (PFUnA)	0.20	U	2.47	2.243		ug/Kg	☼	91	70 - 155	7	30
Perfluorododecanoic acid (PFDoA)	0.20	U	2.47	2.263		ug/Kg	☼	92	70 - 150	1	30
Perfluorotridecanoic acid (PFTrDA)	0.20	U	2.47	2.083		ug/Kg	☼	84	65 - 150	3	30
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	2.47	2.171		ug/Kg	☼	88	65 - 150	3	30
Perfluorobutanesulfonic acid (PFBS)	0.20	U	2.19	2.013		ug/Kg	☼	92	65 - 145	3	30
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	2.32	2.217		ug/Kg	☼	96	55 - 160	12	30
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	2.25	1.925		ug/Kg	☼	86	60 - 150	4	30
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	2.35	2.284		ug/Kg	☼	97	65 - 155	10	30
Perfluorooctanesulfonic acid (PFOS)	3.56		2.29	7.187		ug/Kg	☼	158	65 - 160	14	30
Perfluorononanesulfonic acid (PFNS)	0.20	U	2.37	2.085		ug/Kg	☼	88	55 - 140	1	30
Perfluorodecanesulfonic acid (PFDS)	0.20	U	2.38	1.614		ug/Kg	☼	68	40 - 155	12	30
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	2.39	2.078		ug/Kg	☼	87	25 - 160	0	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	4.62	4.111		ug/Kg	☼	89	60 - 150	1	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	4.69	4.002		ug/Kg	☼	85	55 - 200	5	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	4.73	4.131		ug/Kg	☼	87	70 - 150	1	30
Perfluorooctanesulfonamide (PFOSA)	0.21		2.47	2.491		ug/Kg	☼	93	70 - 140	3	30
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	2.47	2.354		ug/Kg	☼	96	70 - 155	1	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	2.47	2.170		ug/Kg	☼	88	70 - 140	6	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.29		2.47	3.535		ug/Kg	☼	91	65 - 155	3	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.11	J	2.47	2.454		ug/Kg	☼	95	65 - 165	12	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	2.54		12.3	12.48		ug/Kg	☼	81	70 - 140	20	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.99	U	12.3	11.28		ug/Kg	☼	91	70 - 135	19	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	1.85	1.603		ug/Kg	☼	86	70 - 145	6	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 680-270957-J-5-C MSD
Matrix: Solid
Analysis Batch: 824511

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 823399

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	2.33	1.989		ug/Kg	☼	85	70 - 160	5	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	2.47	2.376		ug/Kg	☼	96	30 - 140	4	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	2.47	2.253		ug/Kg	☼	91	60 - 150	1	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	2.47	2.178		ug/Kg	☼	88	60 - 155	3	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	2.30	2.034		ug/Kg	☼	88	70 - 150	3	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	2.33	1.612		ug/Kg	☼	69	45 - 160	9	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	2.20	1.874		ug/Kg	☼	85	70 - 140	2	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	4.93	4.276		ug/Kg	☼	87	45 - 130	4	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.99	U	12.3	10.11		ug/Kg	☼	82	60 - 130	5	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.99	U	12.3	8.131		ug/Kg	☼	66	60 - 150	18	30

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
13C4 PFBA	*93.8*		*8 - 130*
13C5 PFPeA	*96.2*		*35 - 130*
13C5 PFHxA	*95.6*		*40 - 130*
13C4 PFHpA	*95.4*		*40 - 130*
13C8 PFOA	*84.9*		*40 - 130*
13C9 PFNA	*87.7*		*40 - 130*
13C6 PFDA	*76.6*		*40 - 130*
13C7 PFUnA	*73.0*		*40 - 130*
13C2 PFTeDA	*43.7*		*20 - 130*
13C3 PFBS	*91.5*		*40 - 135*
13C3 PFHxS	*89.3*		*40 - 130*
13C8 PFOS	*73.4*		*40 - 130*
13C8 FOSA	*73.8*		*40 - 130*
d3-NMeFOSAA	*75.6*		*40 - 135*
d5-NEtFOSAA	*71.8*		*40 - 150*
13C2 4:2 FTS	*157*		*40 - 165*
13C2 6:2 FTS	*161*		*40 - 215*
13C2 8:2 FTS	*202*		*40 - 275*
13C3 HFPO-DA	*104*		*40 - 130*
d7-N-MeFOSE-M	*25.1*		*20 - 130*
d9-N-EtFOSE-M	*19.3*		*15 - 130*
d5-NEtPFOSA	*60.1*		*10 - 130*
d3-NMePFOSA	*62.0*		*10 - 130*
13C2 PFDoA	*60.1*		*40 - 130*
13C3-3:3 FTCA	*92.2*		*20 - 150*
13C3-5:3 FTCA	*85.6*		*20 - 150*
13C3-PFDoS	*44.0*		*20 - 150*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-825560/1-A
Matrix: Solid
Analysis Batch: 826848

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 825560

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.40	U	0.40	0.10	ug/Kg		05/28/26 15:34	06/01/26 04:27	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.10	ug/Kg		05/28/26 15:34	06/01/26 04:27	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.10	ug/Kg		05/28/26 15:34	06/01/26 04:27	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.10	ug/Kg		05/28/26 15:34	06/01/26 04:27	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.060	ug/Kg		05/28/26 15:34	06/01/26 04:27	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.10	ug/Kg		05/28/26 15:34	06/01/26 04:27	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.060	ug/Kg		05/28/26 15:34	06/01/26 04:27	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.10	ug/Kg		05/28/26 15:34	06/01/26 04:27	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.10	ug/Kg		05/28/26 15:34	06/01/26 04:27	1
Perfluorotridecanoic acid (PFTrDA)	0.20	U	0.20	0.10	ug/Kg		05/28/26 15:34	06/01/26 04:27	1
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	0.20	0.10	ug/Kg		05/28/26 15:34	06/01/26 04:27	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.10	ug/Kg		05/28/26 15:34	06/01/26 04:27	1
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	0.20	0.10	ug/Kg		05/28/26 15:34	06/01/26 04:27	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.10	ug/Kg		05/28/26 15:34	06/01/26 04:27	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.10	ug/Kg		05/28/26 15:34	06/01/26 04:27	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.10	ug/Kg		05/28/26 15:34	06/01/26 04:27	1
Perfluorononanesulfonic acid (PFNS)	0.20	U	0.20	0.10	ug/Kg		05/28/26 15:34	06/01/26 04:27	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.10	ug/Kg		05/28/26 15:34	06/01/26 04:27	1
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	0.20	0.10	ug/Kg		05/28/26 15:34	06/01/26 04:27	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.40	U	0.40	0.20	ug/Kg		05/28/26 15:34	06/01/26 04:27	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.40	U	0.40	0.20	ug/Kg		05/28/26 15:34	06/01/26 04:27	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.40	U	0.40	0.20	ug/Kg		05/28/26 15:34	06/01/26 04:27	1
Perfluorooctanesulfonamide (PFOSA)	0.20	U	0.20	0.10	ug/Kg		05/28/26 15:34	06/01/26 04:27	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	0.20	0.10	ug/Kg		05/28/26 15:34	06/01/26 04:27	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	0.20	0.10	ug/Kg		05/28/26 15:34	06/01/26 04:27	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	0.20	0.10	ug/Kg		05/28/26 15:34	06/01/26 04:27	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	0.20	0.10	ug/Kg		05/28/26 15:34	06/01/26 04:27	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.00	U	1.00	0.50	ug/Kg		05/28/26 15:34	06/01/26 04:27	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.00	U	1.00	0.50	ug/Kg		05/28/26 15:34	06/01/26 04:27	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	0.20	0.10	ug/Kg		05/28/26 15:34	06/01/26 04:27	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	0.20	0.10	ug/Kg		05/28/26 15:34	06/01/26 04:27	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	0.20	0.10	ug/Kg		05/28/26 15:34	06/01/26 04:27	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	0.20	0.10	ug/Kg		05/28/26 15:34	06/01/26 04:27	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	0.20	0.10	ug/Kg		05/28/26 15:34	06/01/26 04:27	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	0.20	0.10	ug/Kg		05/28/26 15:34	06/01/26 04:27	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-825560/1-A
Matrix: Solid
Analysis Batch: 826848

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 825560

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	0.20	0.10	ug/Kg		05/28/26 15:34	06/01/26 04:27	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	0.20	0.10	ug/Kg		05/28/26 15:34	06/01/26 04:27	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.40	U	0.40	0.20	ug/Kg		05/28/26 15:34	06/01/26 04:27	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.00	U	1.00	0.50	ug/Kg		05/28/26 15:34	06/01/26 04:27	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.00	U	1.00	0.50	ug/Kg		05/28/26 15:34	06/01/26 04:27	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*82.9*		*8 - 130*	*05/28/26 15:34*	*06/01/26 04:27*	*1*
13C5 PFPeA	*80.3*		*35 - 130*	*05/28/26 15:34*	*06/01/26 04:27*	*1*
13C5 PFHxA	*78.3*		*40 - 130*	*05/28/26 15:34*	*06/01/26 04:27*	*1*
13C4 PFHpA	*70.3*		*40 - 130*	*05/28/26 15:34*	*06/01/26 04:27*	*1*
13C8 PFOA	*76.7*		*40 - 130*	*05/28/26 15:34*	*06/01/26 04:27*	*1*
13C9 PFNA	*75.8*		*40 - 130*	*05/28/26 15:34*	*06/01/26 04:27*	*1*
13C6 PFDA	*66.9*		*40 - 130*	*05/28/26 15:34*	*06/01/26 04:27*	*1*
13C7 PFUnA	*67.9*		*40 - 130*	*05/28/26 15:34*	*06/01/26 04:27*	*1*
13C2 PFTeDA	*61.3*		*20 - 130*	*05/28/26 15:34*	*06/01/26 04:27*	*1*
13C3 PFBS	*85.2*		*40 - 135*	*05/28/26 15:34*	*06/01/26 04:27*	*1*
13C3 PFHxS	*83.0*		*40 - 130*	*05/28/26 15:34*	*06/01/26 04:27*	*1*
13C8 PFOS	*72.3*		*40 - 130*	*05/28/26 15:34*	*06/01/26 04:27*	*1*
13C8 FOSA	*73.9*		*40 - 130*	*05/28/26 15:34*	*06/01/26 04:27*	*1*
d3-NMeFOSAA	*61.3*		*40 - 135*	*05/28/26 15:34*	*06/01/26 04:27*	*1*
d5-NEtFOSAA	*71.1*		*40 - 150*	*05/28/26 15:34*	*06/01/26 04:27*	*1*
13C2 4:2 FTS	*81.3*		*40 - 165*	*05/28/26 15:34*	*06/01/26 04:27*	*1*
13C2 6:2 FTS	*87.7*		*40 - 215*	*05/28/26 15:34*	*06/01/26 04:27*	*1*
13C2 8:2 FTS	*75.8*		*40 - 275*	*05/28/26 15:34*	*06/01/26 04:27*	*1*
13C3 HFPO-DA	*59.1*		*40 - 130*	*05/28/26 15:34*	*06/01/26 04:27*	*1*
d7-N-MeFOSE-M	*42.9*		*20 - 130*	*05/28/26 15:34*	*06/01/26 04:27*	*1*
d9-N-EtFOSE-M	*42.6*		*15 - 130*	*05/28/26 15:34*	*06/01/26 04:27*	*1*
d5-NEtPFOSA	*59.2*		*10 - 130*	*05/28/26 15:34*	*06/01/26 04:27*	*1*
d3-NMePFOSA	*61.3*		*10 - 130*	*05/28/26 15:34*	*06/01/26 04:27*	*1*
13C2 PFDoA	*64.6*		*40 - 130*	*05/28/26 15:34*	*06/01/26 04:27*	*1*
13C3-3:3 FTCA	*68.7*		*20 - 150*	*05/28/26 15:34*	*06/01/26 04:27*	*1*
13C3-5:3 FTCA	*63.6*		*20 - 150*	*05/28/26 15:34*	*06/01/26 04:27*	*1*
13C3-PFDoS	*55.4*		*20 - 150*	*05/28/26 15:34*	*06/01/26 04:27*	*1*

Lab Sample ID: LCS 410-825560/2-A
Matrix: Solid
Analysis Batch: 826848

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 825560

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	5.00	4.453		ug/Kg		89	70 - 140
Perfluoropentanoic acid (PFPeA)	2.50	2.154		ug/Kg		86	60 - 150
Perfluorohexanoic acid (PFHxA)	2.50	2.145		ug/Kg		86	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.50	2.239		ug/Kg		90	65 - 145
Perfluorooctanoic acid (PFOA)	2.50	2.178		ug/Kg		87	70 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-825560/2-A
Matrix: Solid
Analysis Batch: 826848

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 825560

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorononanoic acid (PFNA)	2.50	2.184		ug/Kg		87	70 - 155
Perfluorodecanoic acid (PFDA)	2.50	2.315		ug/Kg		93	70 - 155
Perfluoroundecanoic acid (PFUnA)	2.50	2.376		ug/Kg		95	70 - 155
Perfluorododecanoic acid (PFDoA)	2.50	2.339		ug/Kg		94	70 - 150
Perfluorotridecanoic acid (PFTrDA)	2.50	2.262		ug/Kg		90	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.50	2.092		ug/Kg		84	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.22	1.960		ug/Kg		88	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.35	2.228		ug/Kg		95	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.28	1.738		ug/Kg		76	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.39	2.588		ug/Kg		109	65 - 155
Perfluorooctanesulfonic acid (PFOS)	2.33	1.924		ug/Kg		83	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.41	1.935		ug/Kg		80	55 - 140
Perfluorodecanesulfonic acid (PFDS)	2.41	1.787		ug/Kg		74	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	2.43	2.192		ug/Kg		90	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	4.402		ug/Kg		94	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.76	3.906		ug/Kg		82	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.80	4.547		ug/Kg		95	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.50	1.980		ug/Kg		79	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	2.339		ug/Kg		94	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.50	2.062		ug/Kg		82	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.50	2.247		ug/Kg		90	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50	2.227		ug/Kg		89	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	9.794		ug/Kg		78	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	10.52		ug/Kg		84	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	1.616		ug/Kg		86	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.37	2.301		ug/Kg		97	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.50	2.112		ug/Kg		84	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.50	2.185		ug/Kg		87	60 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-825560/2-A
Matrix: Solid
Analysis Batch: 826848

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 825560

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			2.50	2.005		ug/Kg		80	60 - 155		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			2.34	2.150		ug/Kg		92	70 - 150		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			2.36	1.598		ug/Kg		68	45 - 160		
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			2.23	1.810		ug/Kg		81	70 - 140		
3-Perfluoropropylpropanoic acid (3:3 FTCA)			5.00	4.979		ug/Kg		100	45 - 130		
3-Perfluoropentylpropanoic acid (5:3 FTCA)			12.5	11.67		ug/Kg		93	60 - 130		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			12.5	8.858		ug/Kg		71	60 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*95.6*		*8 - 130*
13C5 PFPeA	*87.7*		*35 - 130*
13C5 PFHxA	*81.2*		*40 - 130*
13C4 PFHpA	*76.6*		*40 - 130*
13C8 PFOA	*88.7*		*40 - 130*
13C9 PFNA	*85.7*		*40 - 130*
13C6 PFDA	*79.4*		*40 - 130*
13C7 PFUnA	*72.6*		*40 - 130*
13C2 PFTeDA	*69.0*		*20 - 130*
13C3 PFBS	*98.6*		*40 - 135*
13C3 PFHxS	*94.3*		*40 - 130*
13C8 PFOS	*83.5*		*40 - 130*
13C8 FOSA	*83.4*		*40 - 130*
d3-NMeFOSAA	*71.9*		*40 - 135*
d5-NEtFOSAA	*74.9*		*40 - 150*
13C2 4:2 FTS	*90.8*		*40 - 165*
13C2 6:2 FTS	*95.3*		*40 - 215*
13C2 8:2 FTS	*77.8*		*40 - 275*
13C3 HFPO-DA	*66.0*		*40 - 130*
d7-N-MeFOSE-M	*49.7*		*20 - 130*
d9-N-EtFOSE-M	*48.8*		*15 - 130*
d5-NEtPFOSA	*70.0*		*10 - 130*
d3-NMePFOSA	*68.7*		*10 - 130*
13C2 PFDoA	*69.7*		*40 - 130*
13C3-3:3 FTCA	*73.5*		*20 - 150*
13C3-5:3 FTCA	*69.2*		*20 - 150*
13C3-PFDoS	*65.9*		*20 - 150*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-825560/3-A
Matrix: Solid
Analysis Batch: 826848

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 825560

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.500	0.486		ug/Kg		97	70 - 140
Perfluoropentanoic acid (PFPeA)	0.250	0.263		ug/Kg		105	60 - 150
Perfluorohexanoic acid (PFHxA)	0.250	0.272		ug/Kg		109	65 - 140
Perfluoroheptanoic acid (PFHpA)	0.250	0.292		ug/Kg		117	65 - 145
Perfluorooctanoic acid (PFOA)	0.250	0.271		ug/Kg		108	70 - 150
Perfluorononanoic acid (PFNA)	0.250	0.259		ug/Kg		103	70 - 155
Perfluorodecanoic acid (PFDA)	0.250	0.277		ug/Kg		111	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.250	0.248		ug/Kg		99	70 - 155
Perfluorododecanoic acid (PFDoA)	0.250	0.241		ug/Kg		97	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.250	0.259		ug/Kg		104	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.250	0.277		ug/Kg		111	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.222	0.222		ug/Kg		100	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.235	0.235		ug/Kg		100	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.228	0.208		ug/Kg		91	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.239	0.321		ug/Kg		135	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.233	0.256		ug/Kg		110	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.241	0.220		ug/Kg		92	55 - 140
Perfluorodecanesulfonic acid (PFDS)	0.241	0.191	J	ug/Kg		79	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.243	0.231		ug/Kg		95	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.469	0.494		ug/Kg		105	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.476	0.539		ug/Kg		113	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.480	0.560		ug/Kg		117	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.250	0.247		ug/Kg		99	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.250	0.269		ug/Kg		108	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.250	0.253		ug/Kg		101	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.250	0.247		ug/Kg		99	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.250	0.294		ug/Kg		117	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.25	1.229		ug/Kg		98	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.25	1.207		ug/Kg		97	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.188	0.171	J	ug/Kg		91	70 - 145

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-825560/3-A
Matrix: Solid
Analysis Batch: 826848

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 825560

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)			0.237	0.233		ug/Kg		98	70 - 160		
Perfluoro-3-methoxypropanoic acid (PFMPA)			0.250	0.247		ug/Kg		99	30 - 140		
Perfluoro-4-methoxybutanoic acid (PFMBA)			0.250	0.240		ug/Kg		96	60 - 150		
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			0.250	0.273		ug/Kg		109	60 - 155		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			0.234	0.235		ug/Kg		101	70 - 150		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			0.236	0.175	J	ug/Kg		74	45 - 160		
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			0.223	0.205		ug/Kg		92	70 - 140		
3-Perfluoropropylpropanoic acid (3:3 FTCA)			0.500	0.619		ug/Kg		124	45 - 130		
3-Perfluoropentylpropanoic acid (5:3 FTCA)			1.25	1.303		ug/Kg		104	60 - 130		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			1.25	1.106		ug/Kg		88	60 - 150		

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*97.1*		*8 - 130*
13C5 PFPeA	*105*		*35 - 130*
13C5 PFHxA	*94.5*		*40 - 130*
13C4 PFHpA	*90.7*		*40 - 130*
13C8 PFOA	*86.0*		*40 - 130*
13C9 PFNA	*80.7*		*40 - 130*
13C6 PFDA	*69.9*		*40 - 130*
13C7 PFUnA	*64.2*		*40 - 130*
13C2 PFTeDA	*55.4*		*20 - 130*
13C3 PFBS	*93.8*		*40 - 135*
13C3 PFHxS	*86.3*		*40 - 130*
13C8 PFOS	*75.1*		*40 - 130*
13C8 FOSA	*73.3*		*40 - 130*
d3-NMeFOSAA	*63.5*		*40 - 135*
d5-NEtFOSAA	*64.9*		*40 - 150*
13C2 4:2 FTS	*87.3*		*40 - 165*
13C2 6:2 FTS	*90.3*		*40 - 215*
13C2 8:2 FTS	*70.8*		*40 - 275*
13C3 HFPO-DA	*82.8*		*40 - 130*
d7-N-MeFOSE-M	*44.3*		*20 - 130*
d9-N-EtFOSE-M	*41.6*		*15 - 130*
d5-NEtPFOSA	*55.6*		*10 - 130*
d3-NMePFOSA	*53.8*		*10 - 130*
13C2 PFDoA	*59.5*		*40 - 130*
13C3-3:3 FTCA	*89.5*		*20 - 150*
13C3-5:3 FTCA	*92.4*		*20 - 150*
13C3-PFDoS	*52.1*		*20 - 150*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 460-351585-C-15-B MS
Matrix: Solid
Analysis Batch: 826848

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 825560

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.39	U	4.93	4.285		ug/Kg	☼	87	70 - 140
Perfluoropentanoic acid (PFPeA)	0.20	U	2.46	2.137		ug/Kg	☼	87	60 - 150
Perfluorohexanoic acid (PFHxA)	0.20	U	2.46	2.302		ug/Kg	☼	93	65 - 140
Perfluoroheptanoic acid (PFHpA)	0.20	U	2.46	2.287		ug/Kg	☼	93	65 - 145
Perfluorooctanoic acid (PFOA)	0.11	J	2.46	2.391		ug/Kg	☼	93	70 - 150
Perfluorononanoic acid (PFNA)	0.20	U	2.46	2.283		ug/Kg	☼	93	70 - 155
Perfluorodecanoic acid (PFDA)	0.20	U	2.46	2.203		ug/Kg	☼	89	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.20	U	2.46	2.264		ug/Kg	☼	92	70 - 155
Perfluorododecanoic acid (PFDoA)	0.20	U	2.46	2.170		ug/Kg	☼	88	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.20	U	2.46	2.143		ug/Kg	☼	87	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	2.46	2.368		ug/Kg	☼	96	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.20	U	2.19	1.898		ug/Kg	☼	87	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	2.32	2.515		ug/Kg	☼	109	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	2.25	1.980		ug/Kg	☼	88	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	2.35	2.534		ug/Kg	☼	108	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.19	J	2.29	2.141		ug/Kg	☼	85	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.20	U	2.37	1.876		ug/Kg	☼	79	55 - 140
Perfluorodecanesulfonic acid (PFDS)	0.20	U	2.38	1.686		ug/Kg	☼	71	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	2.39	2.228		ug/Kg	☼	93	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	4.62	4.023		ug/Kg	☼	87	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	4.69	3.913		ug/Kg	☼	83	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	4.73	4.183		ug/Kg	☼	88	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.20	U	2.46	2.008		ug/Kg	☼	81	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	2.46	2.264		ug/Kg	☼	92	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	2.46	2.060		ug/Kg	☼	84	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	2.46	2.166		ug/Kg	☼	88	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	2.46	2.072		ug/Kg	☼	84	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.98	U	12.3	10.25		ug/Kg	☼	83	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.98	U	12.3	11.00		ug/Kg	☼	89	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	1.85	1.552		ug/Kg	☼	84	70 - 145

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 460-351585-C-15-B MS
Matrix: Solid
Analysis Batch: 826848

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 825560

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	2.33	2.251		ug/Kg	☼	97	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	2.46	2.299		ug/Kg	☼	93	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	2.46	2.186		ug/Kg	☼	89	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	2.46	2.311		ug/Kg	☼	94	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	2.30	2.099		ug/Kg	☼	91	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	2.33	1.544		ug/Kg	☼	66	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	2.20	1.943		ug/Kg	☼	88	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	4.93	4.292		ug/Kg	☼	87	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.98	U	12.3	10.66		ug/Kg	☼	87	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.98	U	12.3	6.614	*	ug/Kg	☼	54	60 - 150

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
13C4 PFBA	*88.0*		*8 - 130*
13C5 PFPeA	*78.6*		*35 - 130*
13C5 PFHxA	*69.6*		*40 - 130*
13C4 PFHpA	*68.7*		*40 - 130*
13C8 PFOA	*79.5*		*40 - 130*
13C9 PFNA	*75.5*		*40 - 130*
13C6 PFDA	*65.5*		*40 - 130*
13C7 PFUnA	*60.3*		*40 - 130*
13C2 PFTeDA	*42.6*		*20 - 130*
13C3 PFBS	*86.9*		*40 - 135*
13C3 PFHxS	*76.1*		*40 - 130*
13C8 PFOS	*73.0*		*40 - 130*
13C8 FOSA	*73.0*		*40 - 130*
d3-NMeFOSAA	*56.6*		*40 - 135*
d5-NEtFOSAA	*62.1*		*40 - 150*
13C2 4:2 FTS	*90.3*		*40 - 165*
13C2 6:2 FTS	*91.8*		*40 - 215*
13C2 8:2 FTS	*66.4*		*40 - 275*
13C3 HFPO-DA	*61.9*		*40 - 130*
d7-N-MeFOSE-M	*30.0*		*20 - 130*
d9-N-EtFOSE-M	*27.0*		*15 - 130*
d5-NEtPFOSA	*56.6*		*10 - 130*
d3-NMePFOSA	*59.1*		*10 - 130*
13C2 PFDoA	*56.6*		*40 - 130*
13C3-3:3 FTCA	*77.8*		*20 - 150*
13C3-5:3 FTCA	*62.3*		*20 - 150*
13C3-PFDoS	*44.8*		*20 - 150*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 460-351585-C-15-C MSD
Matrix: Solid
Analysis Batch: 826848

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 825560

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	0.39	U	4.91	4.287		ug/Kg	☼	87	70 - 140	0	30
Perfluoropentanoic acid (PFPeA)	0.20	U	2.45	2.075		ug/Kg	☼	85	60 - 150	3	30
Perfluorohexanoic acid (PFHxA)	0.20	U	2.45	2.181		ug/Kg	☼	89	65 - 140	5	30
Perfluoroheptanoic acid (PFHpA)	0.20	U	2.45	2.264		ug/Kg	☼	92	65 - 145	1	30
Perfluorooctanoic acid (PFOA)	0.11	J	2.45	2.418		ug/Kg	☼	94	70 - 150	1	30
Perfluorononanoic acid (PFNA)	0.20	U	2.45	2.203		ug/Kg	☼	90	70 - 155	4	30
Perfluorodecanoic acid (PFDA)	0.20	U	2.45	2.207		ug/Kg	☼	90	70 - 155	0	30
Perfluoroundecanoic acid (PFUnA)	0.20	U	2.45	2.193		ug/Kg	☼	89	70 - 155	3	30
Perfluorododecanoic acid (PFDoA)	0.20	U	2.45	2.290		ug/Kg	☼	93	70 - 150	5	30
Perfluorotridecanoic acid (PFTrDA)	0.20	U	2.45	2.180		ug/Kg	☼	89	65 - 150	2	30
Perfluorotetradecanoic acid (PFTeDA)	0.20	U	2.45	2.148		ug/Kg	☼	88	65 - 150	10	30
Perfluorobutanesulfonic acid (PFBS)	0.20	U	2.18	1.858		ug/Kg	☼	85	65 - 145	2	30
Perfluoropentanesulfonic acid (PFPeS)	0.20	U	2.31	2.219		ug/Kg	☼	96	55 - 160	12	30
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	2.24	1.930		ug/Kg	☼	86	60 - 150	3	30
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	2.34	2.558		ug/Kg	☼	109	65 - 155	1	30
Perfluorooctanesulfonic acid (PFOS)	0.19	J	2.28	2.217		ug/Kg	☼	89	65 - 160	3	30
Perfluorononanesulfonic acid (PFNS)	0.20	U	2.36	2.250		ug/Kg	☼	95	55 - 140	18	30
Perfluorodecanesulfonic acid (PFDS)	0.20	U	2.37	1.992		ug/Kg	☼	84	40 - 155	17	30
Perfluorododecanesulfonic acid (PFDoS)	0.20	U	2.38	2.104		ug/Kg	☼	88	25 - 160	6	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.39	U	4.60	4.140		ug/Kg	☼	90	60 - 150	3	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.39	U	4.67	4.084		ug/Kg	☼	87	55 - 200	4	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.39	U	4.71	4.323		ug/Kg	☼	92	70 - 150	3	30
Perfluorooctanesulfonamide (PFOSA)	0.20	U	2.45	1.924		ug/Kg	☼	78	70 - 140	4	30
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.20	U	2.45	2.259		ug/Kg	☼	92	70 - 155	0	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.20	U	2.45	2.073		ug/Kg	☼	84	70 - 140	1	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.20	U	2.45	2.132		ug/Kg	☼	87	65 - 155	2	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.20	U	2.45	2.165		ug/Kg	☼	88	65 - 165	4	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.98	U	12.3	10.37		ug/Kg	☼	84	70 - 140	1	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	0.98	U	12.3	10.81		ug/Kg	☼	88	70 - 135	2	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.20	U	1.85	1.629		ug/Kg	☼	88	70 - 145	5	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 460-351585-C-15-C MSD
Matrix: Solid
Analysis Batch: 826848

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 825560

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.20	U	2.32	2.126		ug/Kg	☼	92	70 - 160	6	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.20	U	2.45	2.137		ug/Kg	☼	87	30 - 140	7	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.20	U	2.45	2.000		ug/Kg	☼	81	60 - 150	9	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.20	U	2.45	2.370		ug/Kg	☼	97	60 - 155	3	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.20	U	2.29	2.399		ug/Kg	☼	105	70 - 150	13	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.20	U	2.32	1.812		ug/Kg	☼	78	45 - 160	16	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.20	U	2.19	1.751		ug/Kg	☼	80	70 - 140	10	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.39	U	4.91	4.271		ug/Kg	☼	87	45 - 130	0	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)	0.98	U	12.3	10.22		ug/Kg	☼	83	60 - 130	4	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	0.98	U	12.3	7.835		ug/Kg	☼	64	60 - 150	17	30

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
13C4 PFBA	*85.3*		*8 - 130*
13C5 PFPeA	*90.1*		*35 - 130*
13C5 PFHxA	*79.6*		*40 - 130*
13C4 PFHpA	*74.1*		*40 - 130*
13C8 PFOA	*73.7*		*40 - 130*
13C9 PFNA	*75.7*		*40 - 130*
13C6 PFDA	*68.2*		*40 - 130*
13C7 PFUnA	*67.7*		*40 - 130*
13C2 PFTeDA	*55.4*		*20 - 130*
13C3 PFBS	*90.6*		*40 - 135*
13C3 PFHxS	*78.1*		*40 - 130*
13C8 PFOS	*71.6*		*40 - 130*
13C8 FOSA	*78.6*		*40 - 130*
d3-NMeFOSAA	*68.4*		*40 - 135*
d5-NEtFOSAA	*72.2*		*40 - 150*
13C2 4:2 FTS	*87.5*		*40 - 165*
13C2 6:2 FTS	*91.2*		*40 - 215*
13C2 8:2 FTS	*71.0*		*40 - 275*
13C3 HFPO-DA	*68.3*		*40 - 130*
d7-N-MeFOSE-M	*46.0*		*20 - 130*
d9-N-EtFOSE-M	*41.2*		*15 - 130*
d5-NEtPFOSA	*67.8*		*10 - 130*
d3-NMePFOSA	*66.6*		*10 - 130*
13C2 PFDoA	*63.8*		*40 - 130*
13C3-3:3 FTCA	*81.2*		*20 - 150*
13C3-5:3 FTCA	*72.0*		*20 - 150*
13C3-PFDoS	*57.9*		*20 - 150*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 460-1109730/1-A
Matrix: Solid
Analysis Batch: 1109902

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1109730

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		05/23/26 23:36	05/26/26 13:07	1
Antimony	1.0	U	1.0	0.060	mg/Kg		05/23/26 23:36	05/26/26 13:07	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		05/23/26 23:36	05/26/26 13:07	1
Barium	2.0	U	2.0	0.15	mg/Kg		05/23/26 23:36	05/26/26 13:07	1
Beryllium	0.40	U	0.40	0.022	mg/Kg		05/23/26 23:36	05/26/26 13:07	1
Cadmium	0.50	U	0.50	0.11	mg/Kg		05/23/26 23:36	05/26/26 13:07	1
Calcium	100	U	100	9.7	mg/Kg		05/23/26 23:36	05/26/26 13:07	1
Chromium	2.0	U	2.0	0.30	mg/Kg		05/23/26 23:36	05/26/26 13:07	1
Cobalt	1.0	U	1.0	0.15	mg/Kg		05/23/26 23:36	05/26/26 13:07	1
Copper	2.0	U	2.0	0.37	mg/Kg		05/23/26 23:36	05/26/26 13:07	1
Iron	60.0	U	60.0	7.7	mg/Kg		05/23/26 23:36	05/26/26 13:07	1
Lead	0.60	U	0.60	0.20	mg/Kg		05/23/26 23:36	05/26/26 13:07	1
Magnesium	100	U	100	10.2	mg/Kg		05/23/26 23:36	05/26/26 13:07	1
Manganese	4.0	U	4.0	0.40	mg/Kg		05/23/26 23:36	05/26/26 13:07	1
Nickel	2.0	U	2.0	0.18	mg/Kg		05/23/26 23:36	05/26/26 13:07	1
Potassium	100	U	100	6.2	mg/Kg		05/23/26 23:36	05/26/26 13:07	1
Selenium	1.3	U	1.3	0.13	mg/Kg		05/23/26 23:36	05/26/26 13:07	1
Silver	0.40	U	0.40	0.089	mg/Kg		05/23/26 23:36	05/26/26 13:07	1
Sodium	100	U	100	17.3	mg/Kg		05/23/26 23:36	05/26/26 13:07	1
Thallium	0.40	U	0.40	0.041	mg/Kg		05/23/26 23:36	05/26/26 13:07	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		05/23/26 23:36	05/26/26 13:07	1
Zinc	8.0	U	8.0	1.1	mg/Kg		05/23/26 23:36	05/26/26 13:07	1

Lab Sample ID: LCSSRM 460-1109730/2-A
Matrix: Solid
Analysis Batch: 1109902

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1109730

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6570	4530		mg/Kg		68.9	51.3 - 148.7
Antimony	147	99.88		mg/Kg		67.9	7.3 - 191.8
Arsenic	141	132.1		mg/Kg		93.7	80.9 - 118.4
Barium	221	201.6		mg/Kg		91.2	81.9 - 118.1
Beryllium	181	154.1		mg/Kg		85.1	82.9 - 117.1
Cadmium	230	216.2		mg/Kg		94.0	82.6 - 117.8
Calcium	4010	3700		mg/Kg		92.3	82.0 - 118.0
Chromium	198	182.4		mg/Kg		92.1	81.8 - 118.2
Cobalt	252	240.7		mg/Kg		95.5	83.3 - 116.7
Copper	130	123.4		mg/Kg		95.0	83.8 - 116.9
Iron	6920	5649		mg/Kg		81.6	60.1 - 139.7
Lead	198	177.2		mg/Kg		89.5	82.8 - 117.2

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-1109730/2-A
Matrix: Solid
Analysis Batch: 1109902

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1109730

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Magnesium	1710	1462		mg/Kg		85.5	76.0 - 124.6
Manganese	440	426.3		mg/Kg		96.9	81.6 - 118.4
Nickel	280	264.9		mg/Kg		94.6	82.1 - 117.5
Potassium	2100	1699		mg/Kg		80.9	71.4 - 128.1
Selenium	189	177.5		mg/Kg		93.9	79.4 - 121.2
Silver	64.0	60.15		mg/Kg		94.0	80.3 - 119.7
Sodium	343	324.8	J	mg/Kg		94.7	74.6 - 125.1
Thallium	114	108.3		mg/Kg		95.0	81.0 - 119.3
Vanadium	192	176.9		mg/Kg		92.1	78.6 - 121.9
Zinc	190	172.0		mg/Kg		90.5	80.5 - 119.5

Lab Sample ID: 460-351592-4 MS
Matrix: Solid
Analysis Batch: 1109902

Client Sample ID: ISS-40_0-4
Prep Type: Total/NA
Prep Batch: 1109730

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	4100		566	5866	4	mg/Kg	☼	313	75 - 125
Antimony	0.13	J	5.66	4.24	N	mg/Kg	☼	73	75 - 125
Arsenic	4.8		11.3	17.22		mg/Kg	☼	109	75 - 125
Barium	16.6		11.3	29.78		mg/Kg	☼	116	75 - 125
Beryllium	0.44	J	5.66	6.40		mg/Kg	☼	105	75 - 125
Cadmium	0.57	U	5.66	6.21		mg/Kg	☼	110	75 - 125
Calcium	1640		566	2152		mg/Kg	☼	90	75 - 125
Chromium	49.6		11.3	66.61	4	mg/Kg	☼	151	75 - 125
Cobalt	2.4		5.66	8.73		mg/Kg	☼	112	75 - 125
Copper	23.6		11.3	36.49		mg/Kg	☼	114	75 - 125
Iron	11600		566	13710	4	mg/Kg	☼	381	75 - 125
Lead	64.8		5.66	75.55	4	mg/Kg	☼	191	75 - 125
Magnesium	1030		566	1856	N	mg/Kg	☼	146	75 - 125
Manganese	58.0		56.6	120.0		mg/Kg	☼	110	75 - 125
Nickel	8.3		11.3	21.96		mg/Kg	☼	120	75 - 125
Potassium	818		566	1645	N	mg/Kg	☼	146	75 - 125
Selenium	0.23	J	11.3	11.95		mg/Kg	☼	104	75 - 125
Silver	0.45	U	5.66	5.14		mg/Kg	☼	91	75 - 125
Sodium	60.9	J	566	673.4		mg/Kg	☼	108	75 - 125
Thallium	0.45	U	4.53	4.78		mg/Kg	☼	106	75 - 125
Vanadium	15.2		11.3	29.61	N	mg/Kg	☼	127	75 - 125
Zinc	65.4		56.6	131.1		mg/Kg	☼	116	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-351592-4 DU
Matrix: Solid
Analysis Batch: 1109902

Client Sample ID: ISS-40_0-4
Prep Type: Total/NA
Prep Batch: 1109730

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	4100		4636		mg/Kg	☼	12	20
Antimony	0.13	J	0.245	J	mg/Kg	☼	60	20
Arsenic	4.8		5.33		mg/Kg	☼	10	20
Barium	16.6		22.26	*	mg/Kg	☼	29	20
Beryllium	0.44	J	0.472		mg/Kg	☼	6	20
Cadmium	0.57	U	0.57	U	mg/Kg	☼	NC	20
Calcium	1640		7299	*	mg/Kg	☼	127	20
Chromium	49.6		46.24		mg/Kg	☼	7	20
Cobalt	2.4		2.99		mg/Kg	☼	22	20
Copper	23.6		26.00		mg/Kg	☼	10	20
Iron	11600		13120		mg/Kg	☼	13	20
Lead	64.8		67.59		mg/Kg	☼	4	20
Magnesium	1030		4499	*	mg/Kg	☼	126	20
Manganese	58.0		90.11	*	mg/Kg	☼	43	20
Nickel	8.3		9.57		mg/Kg	☼	14	20
Potassium	818		851.8		mg/Kg	☼	4	20
Selenium	0.23	J	0.254	J	mg/Kg	☼	10	20
Silver	0.45	U	0.45	U	mg/Kg	☼	NC	20
Sodium	60.9	J	70.74	J	mg/Kg	☼	15	20
Thallium	0.45	U	0.0523	J	mg/Kg	☼	NC	20
Vanadium	15.2		16.30		mg/Kg	☼	7	20
Zinc	65.4		68.52		mg/Kg	☼	5	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 460-1110209/10-A
Matrix: Solid
Analysis Batch: 1110303

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1110209

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0060	mg/Kg		05/28/26 01:02	05/28/26 05:36	1

Lab Sample ID: LCSSRM 460-1110209/11-A
Matrix: Solid
Analysis Batch: 1110303

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1110209

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	11.1	10.59		mg/Kg		95.4	75.9 - 124.3

Lab Sample ID: 460-351247-A-1-Q MS
Matrix: Solid
Analysis Batch: 1110303

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1110209

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.10		0.0933	0.187		mg/Kg	☼	90	80 - 120

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: 460-351247-A-1-P DU
Matrix: Solid
Analysis Batch: 1110303

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1110209

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.10		0.103		mg/Kg	☼	0.2	20

Method: Moisture - Percent Moisture

Lab Sample ID: 460-351590-A-1 DU
Matrix: Solid
Analysis Batch: 1109528

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	12.1		11.5		%		5	20
Percent Solids	87.9		88.5		%		0.7	20

Lab Sample ID: 460-351578-A-17 DU
Matrix: Solid
Analysis Batch: 1109580

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	7.0		5.9		%		17	20
Percent Solids	93.0		94.1		%		1	20

Lab Sample ID: 460-351467-A-9 DU
Matrix: Solid
Analysis Batch: 1109941

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	15.2		15.4		%		1	20
Percent Solids	84.8		84.6		%		0.2	20

GC/MS VOA

Prep Batch: 1109565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351592-1	ISS-40_A	Total/NA	Solid	5035	
460-351592-12	ISS-42_C	Total/NA	Solid	5035	
460-351592-15 - DL	ISS-45_B	Total/NA	Solid	5035	

Prep Batch: 1109575

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351592-2	ISS-40_B	Total/NA	Solid	5035	
460-351592-3	ISS-40_C	Total/NA	Solid	5035	
460-351592-5	ISS-41_A	Total/NA	Solid	5035	
460-351592-6	ISS-41_B	Total/NA	Solid	5035	
460-351592-7	ISS-41_C	Total/NA	Solid	5035	
460-351592-8	ISS-41_D	Total/NA	Solid	5035	
460-351592-10	ISS-42_A	Total/NA	Solid	5035	
460-351592-11	ISS-42_B	Total/NA	Solid	5035	
460-351592-14	ISS-45_A	Total/NA	Solid	5035	
460-351592-15	ISS-45_B	Total/NA	Solid	5035	
460-351592-16	ISS-45_C	Total/NA	Solid	5035	
460-351592-17	ISS-45_D	Total/NA	Solid	5035	

Analysis Batch: 1109736

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351592-2	ISS-40_B	Total/NA	Solid	8260D	1109575
460-351592-3	ISS-40_C	Total/NA	Solid	8260D	1109575
460-351592-5	ISS-41_A	Total/NA	Solid	8260D	1109575
460-351592-6	ISS-41_B	Total/NA	Solid	8260D	1109575
460-351592-7	ISS-41_C	Total/NA	Solid	8260D	1109575
460-351592-14	ISS-45_A	Total/NA	Solid	8260D	1109575
460-351592-15	ISS-45_B	Total/NA	Solid	8260D	1109575
MB 460-1109736/6	Method Blank	Total/NA	Solid	8260D	
LCS 460-1109736/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1109736/8	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1109839

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351592-8	ISS-41_D	Total/NA	Solid	8260D	1109575
460-351592-10	ISS-42_A	Total/NA	Solid	8260D	1109575
460-351592-11	ISS-42_B	Total/NA	Solid	8260D	1109575
460-351592-16	ISS-45_C	Total/NA	Solid	8260D	1109575
MB 460-1109839/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1109839/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1109839/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1109925

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351592-17	ISS-45_D	Total/NA	Solid	8260D	1109575
MB 460-1109925/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-1109925/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1109925/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS VOA

Analysis Batch: 1110219

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351592-1	ISS-40_A	Total/NA	Solid	8260D	1109565
460-351592-12	ISS-42_C	Total/NA	Solid	8260D	1109565
460-351592-15 - DL	ISS-45_B	Total/NA	Solid	8260D	1109565
MB 460-1110219/9	Method Blank	Total/NA	Solid	8260D	
LCS 460-1110219/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1110219/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS Semi VOA

Prep Batch: 1109639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351592-4	ISS-40_0-4	Total/NA	Solid	3546	
460-351592-9	ISS-41_0-4	Total/NA	Solid	3546	
460-351592-13	ISS-42_0-4	Total/NA	Solid	3546	
460-351592-18	ISS-45_0-4	Total/NA	Solid	3546	
MB 460-1109639/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1109639/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1109639/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-351592-13 MS	ISS-42_0-4	Total/NA	Solid	3546	
460-351592-13 MSD	ISS-42_0-4	Total/NA	Solid	3546	

Analysis Batch: 1109686

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351592-9	ISS-41_0-4	Total/NA	Solid	8270E	1109639
460-351592-13	ISS-42_0-4	Total/NA	Solid	8270E	1109639
460-351592-18	ISS-45_0-4	Total/NA	Solid	8270E	1109639
MB 460-1109639/1-A	Method Blank	Total/NA	Solid	8270E	1109639
LCS 460-1109639/2-A	Lab Control Sample	Total/NA	Solid	8270E	1109639
LCSD 460-1109639/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	1109639
460-351592-13 MS	ISS-42_0-4	Total/NA	Solid	8270E	1109639
460-351592-13 MSD	ISS-42_0-4	Total/NA	Solid	8270E	1109639

Analysis Batch: 1109772

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351592-4	ISS-40_0-4	Total/NA	Solid	8270E	1109639

GC Semi VOA

Prep Batch: 1109551

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351592-4	ISS-40_0-4	Total/NA	Solid	3546	
460-351592-9	ISS-41_0-4	Total/NA	Solid	3546	
460-351592-13	ISS-42_0-4	Total/NA	Solid	3546	
460-351592-18	ISS-45_0-4	Total/NA	Solid	3546	
MB 460-1109551/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1109551/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1109551/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-351557-C-1-A MS	Matrix Spike	Total/NA	Solid	3546	
460-351557-C-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

GC Semi VOA

Prep Batch: 1109564

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351592-4	ISS-40_0-4	Total/NA	Solid	3546	
460-351592-9	ISS-41_0-4	Total/NA	Solid	3546	
460-351592-13	ISS-42_0-4	Total/NA	Solid	3546	
460-351592-18	ISS-45_0-4	Total/NA	Solid	3546	
MB 460-1109564/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1109564/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1109564/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-351557-C-1-D MS	Matrix Spike	Total/NA	Solid	3546	
460-351557-C-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 1109786

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351592-4	ISS-40_0-4	Total/NA	Solid	8081B	1109564
460-351592-9	ISS-41_0-4	Total/NA	Solid	8081B	1109564
460-351592-13	ISS-42_0-4	Total/NA	Solid	8081B	1109564
460-351592-18	ISS-45_0-4	Total/NA	Solid	8081B	1109564
MB 460-1109564/1-A	Method Blank	Total/NA	Solid	8081B	1109564
LCS 460-1109564/2-A	Lab Control Sample	Total/NA	Solid	8081B	1109564
LCSD 460-1109564/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	1109564
460-351557-C-1-D MS	Matrix Spike	Total/NA	Solid	8081B	1109564
460-351557-C-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8081B	1109564

Analysis Batch: 1109913

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351592-4	ISS-40_0-4	Total/NA	Solid	8082A	1109551
460-351592-9	ISS-41_0-4	Total/NA	Solid	8082A	1109551
460-351592-13	ISS-42_0-4	Total/NA	Solid	8082A	1109551
460-351592-18	ISS-45_0-4	Total/NA	Solid	8082A	1109551
MB 460-1109551/1-A	Method Blank	Total/NA	Solid	8082A	1109551
LCS 460-1109551/2-A	Lab Control Sample	Total/NA	Solid	8082A	1109551
LCSD 460-1109551/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	1109551
460-351557-C-1-A MS	Matrix Spike	Total/NA	Solid	8082A	1109551
460-351557-C-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8082A	1109551

LCMS

Prep Batch: 823399

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351592-4	ISS-40_0-4	Total/NA	Solid	1633A	
460-351592-9	ISS-41_0-4	Total/NA	Solid	1633A	
460-351592-13	ISS-42_0-4	Total/NA	Solid	1633A	
MB 410-823399/1-A	Method Blank	Total/NA	Solid	1633A	
LCS 410-823399/2-A	Lab Control Sample	Total/NA	Solid	1633A	
LLCS 410-823399/3-A	Lab Control Sample	Total/NA	Solid	1633A	
680-270957-J-5-B MS	Matrix Spike	Total/NA	Solid	1633A	
680-270957-J-5-C MSD	Matrix Spike Duplicate	Total/NA	Solid	1633A	

Analysis Batch: 824511

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351592-4	ISS-40_0-4	Total/NA	Solid	1633A	823399
460-351592-9	ISS-41_0-4	Total/NA	Solid	1633A	823399

LCMS (Continued)

Analysis Batch: 824511 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351592-13	ISS-42_0-4	Total/NA	Solid	1633A	823399
LCS 410-823399/2-A	Lab Control Sample	Total/NA	Solid	1633A	823399
LLCS 410-823399/3-A	Lab Control Sample	Total/NA	Solid	1633A	823399
680-270957-J-5-B MS	Matrix Spike	Total/NA	Solid	1633A	823399
680-270957-J-5-C MSD	Matrix Spike Duplicate	Total/NA	Solid	1633A	823399

Analysis Batch: 825180

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-823399/1-A	Method Blank	Total/NA	Solid	1633A	823399

Prep Batch: 825560

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351592-18	ISS-45_0-4	Total/NA	Solid	1633A	
MB 410-825560/1-A	Method Blank	Total/NA	Solid	1633A	
LCS 410-825560/2-A	Lab Control Sample	Total/NA	Solid	1633A	
LLCS 410-825560/3-A	Lab Control Sample	Total/NA	Solid	1633A	
460-351585-C-15-B MS	Matrix Spike	Total/NA	Solid	1633A	
460-351585-C-15-C MSD	Matrix Spike Duplicate	Total/NA	Solid	1633A	

Analysis Batch: 826848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351592-18	ISS-45_0-4	Total/NA	Solid	1633A	825560
MB 410-825560/1-A	Method Blank	Total/NA	Solid	1633A	825560
LCS 410-825560/2-A	Lab Control Sample	Total/NA	Solid	1633A	825560
LLCS 410-825560/3-A	Lab Control Sample	Total/NA	Solid	1633A	825560
460-351585-C-15-B MS	Matrix Spike	Total/NA	Solid	1633A	825560
460-351585-C-15-C MSD	Matrix Spike Duplicate	Total/NA	Solid	1633A	825560

Metals

Prep Batch: 1109730

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351592-4	ISS-40_0-4	Total/NA	Solid	3050B	
460-351592-9	ISS-41_0-4	Total/NA	Solid	3050B	
460-351592-13	ISS-42_0-4	Total/NA	Solid	3050B	
460-351592-18	ISS-45_0-4	Total/NA	Solid	3050B	
MB 460-1109730/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-1109730/2-A	Lab Control Sample	Total/NA	Solid	3050B	
460-351592-4 MS	ISS-40_0-4	Total/NA	Solid	3050B	
460-351592-4 DU	ISS-40_0-4	Total/NA	Solid	3050B	

Analysis Batch: 1109902

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351592-4	ISS-40_0-4	Total/NA	Solid	6020B	1109730
460-351592-9	ISS-41_0-4	Total/NA	Solid	6020B	1109730
460-351592-13	ISS-42_0-4	Total/NA	Solid	6020B	1109730
460-351592-18	ISS-45_0-4	Total/NA	Solid	6020B	1109730
MB 460-1109730/1-A	Method Blank	Total/NA	Solid	6020B	1109730
LCSSRM 460-1109730/2-A	Lab Control Sample	Total/NA	Solid	6020B	1109730
460-351592-4 MS	ISS-40_0-4	Total/NA	Solid	6020B	1109730
460-351592-4 DU	ISS-40_0-4	Total/NA	Solid	6020B	1109730

Metals

Prep Batch: 1110209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351592-4	ISS-40_0-4	Total/NA	Solid	7471B	
460-351592-9	ISS-41_0-4	Total/NA	Solid	7471B	
460-351592-13	ISS-42_0-4	Total/NA	Solid	7471B	
460-351592-18	ISS-45_0-4	Total/NA	Solid	7471B	
MB 460-1110209/10-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-1110209/11-A	Lab Control Sample	Total/NA	Solid	7471B	
460-351247-A-1-Q MS	Matrix Spike	Total/NA	Solid	7471B	
460-351247-A-1-P DU	Duplicate	Total/NA	Solid	7471B	

Analysis Batch: 1110303

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351592-4	ISS-40_0-4	Total/NA	Solid	7471B	1110209
460-351592-9	ISS-41_0-4	Total/NA	Solid	7471B	1110209
460-351592-13	ISS-42_0-4	Total/NA	Solid	7471B	1110209
460-351592-18	ISS-45_0-4	Total/NA	Solid	7471B	1110209
MB 460-1110209/10-A	Method Blank	Total/NA	Solid	7471B	1110209
LCSSRM 460-1110209/11-A	Lab Control Sample	Total/NA	Solid	7471B	1110209
460-351247-A-1-Q MS	Matrix Spike	Total/NA	Solid	7471B	1110209
460-351247-A-1-P DU	Duplicate	Total/NA	Solid	7471B	1110209

General Chemistry

Analysis Batch: 1109528

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351592-1	ISS-40_A	Total/NA	Solid	Moisture	
460-351592-2	ISS-40_B	Total/NA	Solid	Moisture	
460-351592-3	ISS-40_C	Total/NA	Solid	Moisture	
460-351592-5	ISS-41_A	Total/NA	Solid	Moisture	
460-351592-6	ISS-41_B	Total/NA	Solid	Moisture	
460-351592-7	ISS-41_C	Total/NA	Solid	Moisture	
460-351592-8	ISS-41_D	Total/NA	Solid	Moisture	
460-351592-10	ISS-42_A	Total/NA	Solid	Moisture	
460-351592-11	ISS-42_B	Total/NA	Solid	Moisture	
460-351592-12	ISS-42_C	Total/NA	Solid	Moisture	
460-351592-14	ISS-45_A	Total/NA	Solid	Moisture	
460-351592-15	ISS-45_B	Total/NA	Solid	Moisture	
460-351592-16	ISS-45_C	Total/NA	Solid	Moisture	
460-351592-17	ISS-45_D	Total/NA	Solid	Moisture	
460-351585-A-14 MS	Matrix Spike	Total/NA	Solid	Moisture	
460-351585-A-14 MSD	Matrix Spike Duplicate	Total/NA	Solid	Moisture	
460-351590-A-1 DU	Duplicate	Total/NA	Solid	Moisture	

Analysis Batch: 1109580

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351592-4	ISS-40_0-4	Total/NA	Solid	Moisture	
460-351592-9	ISS-41_0-4	Total/NA	Solid	Moisture	
460-351592-13	ISS-42_0-4	Total/NA	Solid	Moisture	
460-351672-B-1 MSS	Matrix Spike	Total/NA	Solid	Moisture	
460-351578-A-17 DU	Duplicate	Total/NA	Solid	Moisture	

QC Association Summary

Client: Haley & Aldrich Inc
Project/Site: Former Port Mobil

Job ID: 460-351592-1

General Chemistry

Analysis Batch: 1109941

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-351592-18	ISS-45_0-4	Total/NA	Solid	Moisture	
460-351755-A-1 MS	Matrix Spike	Total/NA	Solid	Moisture	
460-351755-A-1 MSD	Matrix Spike Duplicate	Total/NA	Solid	Moisture	
460-351467-A-9 DU	Duplicate	Total/NA	Solid	Moisture	

Client Sample ID: ISS-40_A — **Lab Sample ID: 460-351592-1**
Date Collected: 05/21/26 12:00 — **Matrix: Solid**
Date Received: 05/21/26 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1109528	CJC	EET EDI	05/22/26 16:57

Client Sample ID: ISS-40_A — **Lab Sample ID: 460-351592-1**
Date Collected: 05/21/26 12:00 — **Matrix: Solid**
Date Received: 05/21/26 20:00 — **Percent Solids: 89.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1109565	AIN	EET EDI	05/22/26 17:49
Total/NA	Analysis	8260D		50	1110219	AAT	EET EDI	05/28/26 12:05

Client Sample ID: ISS-40_B — **Lab Sample ID: 460-351592-2**
Date Collected: 05/21/26 12:05 — **Matrix: Solid**
Date Received: 05/21/26 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1109528	CJC	EET EDI	05/22/26 16:57

Client Sample ID: ISS-40_B — **Lab Sample ID: 460-351592-2**
Date Collected: 05/21/26 12:05 — **Matrix: Solid**
Date Received: 05/21/26 20:00 — **Percent Solids: 87.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1109575	AIN	EET EDI	05/22/26 18:03
Total/NA	Analysis	8260D		1	1109736	VBP	EET EDI	05/24/26 10:49

Client Sample ID: ISS-40_C — **Lab Sample ID: 460-351592-3**
Date Collected: 05/21/26 12:10 — **Matrix: Solid**
Date Received: 05/21/26 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1109528	CJC	EET EDI	05/22/26 16:57

Client Sample ID: ISS-40_C — **Lab Sample ID: 460-351592-3**
Date Collected: 05/21/26 12:10 — **Matrix: Solid**
Date Received: 05/21/26 20:00 — **Percent Solids: 87.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1109575	AIN	EET EDI	05/22/26 18:04
Total/NA	Analysis	8260D		1	1109736	VBP	EET EDI	05/24/26 11:17

Client Sample ID: ISS-40_0-4 — **Lab Sample ID: 460-351592-4**
Date Collected: 05/21/26 12:15 — **Matrix: Solid**
Date Received: 05/21/26 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1109580	CJC	EET EDI	05/22/26 19:18

Client Sample ID: ISS-40_0-4
Lab Sample ID: 460-351592-4

Date Collected: 05/21/26 12:15
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 88.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1109639	BJB	EET EDI	05/23/26 07:46
Total/NA	Analysis	8270E		1	1109772	YAH	EET EDI	05/24/26 15:08
Total/NA	Prep	3546			1109564	ARA	EET EDI	05/22/26 17:47
Total/NA	Analysis	8081B		1	1109786	FAM	EET EDI	05/26/26 11:58
Total/NA	Prep	3546			1109551	ARA	EET EDI	05/22/26 17:28
Total/NA	Analysis	8082A		1	1109913	AAA	EET EDI	05/26/26 22:46
Total/NA	Prep	1633A			823399	URGB	ELLE	05/25/26 14:57
Total/NA	Analysis	1633A		1	824511	VGQ7	ELLE	05/28/26 04:33
Total/NA	Prep	3050B			1109730	MXF	EET EDI	05/23/26 23:36
Total/NA	Analysis	6020B		1	1109902	CDC	EET EDI	05/26/26 13:20
Total/NA	Prep	7471B			1110209	TJS	EET EDI	05/28/26 01:02
Total/NA	Analysis	7471B		1	1110303	TJS	EET EDI	05/28/26 06:45

Client Sample ID: ISS-41_A
Lab Sample ID: 460-351592-5

Date Collected: 05/21/26 12:30
Matrix: Solid
Date Received: 05/21/26 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1109528	CJC	EET EDI	05/22/26 16:57

Client Sample ID: ISS-41_A
Lab Sample ID: 460-351592-5

Date Collected: 05/21/26 12:30
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 89.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1109575	AIN	EET EDI	05/22/26 18:04
Total/NA	Analysis	8260D		1	1109736	VBP	EET EDI	05/24/26 11:43

Client Sample ID: ISS-41_B
Lab Sample ID: 460-351592-6

Date Collected: 05/21/26 12:35
Matrix: Solid
Date Received: 05/21/26 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1109528	CJC	EET EDI	05/22/26 16:57

Client Sample ID: ISS-41_B
Lab Sample ID: 460-351592-6

Date Collected: 05/21/26 12:35
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 87.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1109575	AIN	EET EDI	05/22/26 18:05
Total/NA	Analysis	8260D		1	1109736	VBP	EET EDI	05/24/26 12:10

Client Sample ID: ISS-41_C — **Lab Sample ID: 460-351592-7**
Date Collected: 05/21/26 12:40 — **Matrix: Solid**
Date Received: 05/21/26 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1109528	CJC	EET EDI	05/22/26 16:57

Client Sample ID: ISS-41_C — **Lab Sample ID: 460-351592-7**
Date Collected: 05/21/26 12:40 — **Matrix: Solid**
Date Received: 05/21/26 20:00 — **Percent Solids: 87.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1109575	AIN	EET EDI	05/22/26 18:06
Total/NA	Analysis	8260D		1	1109736	VBP	EET EDI	05/24/26 12:38

Client Sample ID: ISS-41_D — **Lab Sample ID: 460-351592-8**
Date Collected: 05/21/26 12:45 — **Matrix: Solid**
Date Received: 05/21/26 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1109528	CJC	EET EDI	05/22/26 16:57

Client Sample ID: ISS-41_D — **Lab Sample ID: 460-351592-8**
Date Collected: 05/21/26 12:45 — **Matrix: Solid**
Date Received: 05/21/26 20:00 — **Percent Solids: 86.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1109575	AIN	EET EDI	05/22/26 18:07
Total/NA	Analysis	8260D		1	1109839	EMM	EET EDI	05/26/26 21:35

Client Sample ID: ISS-41_0-4 — **Lab Sample ID: 460-351592-9**
Date Collected: 05/21/26 12:50 — **Matrix: Solid**
Date Received: 05/21/26 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1109580	CJC	EET EDI	05/22/26 19:18

Client Sample ID: ISS-41_0-4 — **Lab Sample ID: 460-351592-9**
Date Collected: 05/21/26 12:50 — **Matrix: Solid**
Date Received: 05/21/26 20:00 — **Percent Solids: 87.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1109639	BJB	EET EDI	05/23/26 07:46
Total/NA	Analysis	8270E		1	1109686	YAH	EET EDI	05/23/26 18:27
Total/NA	Prep	3546			1109564	ARA	EET EDI	05/22/26 17:47
Total/NA	Analysis	8081B		1	1109786	FAM	EET EDI	05/26/26 12:11
Total/NA	Prep	3546			1109551	ARA	EET EDI	05/22/26 17:28
Total/NA	Analysis	8082A		1	1109913	AAA	EET EDI	05/26/26 23:02
Total/NA	Prep	1633A			823399	URGB	ELLE	05/25/26 14:57
Total/NA	Analysis	1633A		1	824511	VGQ7	ELLE	05/28/26 04:47

Client Sample ID: ISS-41_0-4
Lab Sample ID: 460-351592-9

Date Collected: 05/21/26 12:50
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 87.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			1109730	MXF	EET EDI	05/23/26 23:36
Total/NA	Analysis	6020B		1	1109902	CDC	EET EDI	05/26/26 13:25
Total/NA	Prep	7471B			1110209	TJS	EET EDI	05/28/26 01:02
Total/NA	Analysis	7471B		1	1110303	TJS	EET EDI	05/28/26 06:48

Client Sample ID: ISS-42_A
Lab Sample ID: 460-351592-10

Date Collected: 05/21/26 13:00
Matrix: Solid
Date Received: 05/21/26 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1109528	CJC	EET EDI	05/22/26 16:57

Client Sample ID: ISS-42_A
Lab Sample ID: 460-351592-10

Date Collected: 05/21/26 13:00
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 87.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1109575	AIN	EET EDI	05/22/26 18:07
Total/NA	Analysis	8260D		1	1109839	EMM	EET EDI	05/26/26 20:41

Client Sample ID: ISS-42_B
Lab Sample ID: 460-351592-11

Date Collected: 05/21/26 13:05
Matrix: Solid
Date Received: 05/21/26 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1109528	CJC	EET EDI	05/22/26 16:57

Client Sample ID: ISS-42_B
Lab Sample ID: 460-351592-11

Date Collected: 05/21/26 13:05
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 86.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1109575	AIN	EET EDI	05/22/26 18:08
Total/NA	Analysis	8260D		1	1109839	EMM	EET EDI	05/26/26 21:07

Client Sample ID: ISS-42_C
Lab Sample ID: 460-351592-12

Date Collected: 05/21/26 13:10
Matrix: Solid
Date Received: 05/21/26 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1109528	CJC	EET EDI	05/22/26 16:57

Client Sample ID: ISS-42_C — **Lab Sample ID: 460-351592-12**
Date Collected: 05/21/26 13:10 — **Matrix: Solid**
Date Received: 05/21/26 20:00 — **Percent Solids: 86.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1109565	AIN	EET EDI	05/22/26 17:51
Total/NA	Analysis	8260D		200	1110219	AAT	EET EDI	05/28/26 12:52

Client Sample ID: ISS-42_0-4 — **Lab Sample ID: 460-351592-13**
Date Collected: 05/21/26 13:15 — **Matrix: Solid**
Date Received: 05/21/26 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1109580	CJC	EET EDI	05/22/26 19:18

Client Sample ID: ISS-42_0-4 — **Lab Sample ID: 460-351592-13**
Date Collected: 05/21/26 13:15 — **Matrix: Solid**
Date Received: 05/21/26 20:00 — **Percent Solids: 91.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1109639	BJB	EET EDI	05/23/26 07:46
Total/NA	Analysis	8270E		1	1109686	YAH	EET EDI	05/23/26 13:24
Total/NA	Prep	3546			1109564	ARA	EET EDI	05/22/26 17:47
Total/NA	Analysis	8081B		1	1109786	FAM	EET EDI	05/26/26 12:24
Total/NA	Prep	3546			1109551	ARA	EET EDI	05/22/26 17:28
Total/NA	Analysis	8082A		1	1109913	AAA	EET EDI	05/26/26 23:19
Total/NA	Prep	1633A			823399	URGB	ELLE	05/25/26 14:57
Total/NA	Analysis	1633A		1	824511	VGQ7	ELLE	05/28/26 05:01
Total/NA	Prep	3050B			1109730	MXF	EET EDI	05/23/26 23:36
Total/NA	Analysis	6020B		1	1109902	CDC	EET EDI	05/26/26 13:28
Total/NA	Prep	7471B			1110209	TJS	EET EDI	05/28/26 01:02
Total/NA	Analysis	7471B		1	1110303	TJS	EET EDI	05/28/26 06:51

Client Sample ID: ISS-45_A — **Lab Sample ID: 460-351592-14**
Date Collected: 05/21/26 14:00 — **Matrix: Solid**
Date Received: 05/21/26 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1109528	CJC	EET EDI	05/22/26 16:57

Client Sample ID: ISS-45_A — **Lab Sample ID: 460-351592-14**
Date Collected: 05/21/26 14:00 — **Matrix: Solid**
Date Received: 05/21/26 20:00 — **Percent Solids: 87.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1109575	AIN	EET EDI	05/22/26 18:09
Total/NA	Analysis	8260D		1	1109736	VBP	EET EDI	05/24/26 14:26

Lab Chronicle

Client: Haley & Aldrich Inc
Project/Site: Former Port Mobil

Job ID: 460-351592-1

Client Sample ID: ISS-45_B
Lab Sample ID: 460-351592-15
Date Collected: 05/21/26 14:05
Matrix: Solid
Date Received: 05/21/26 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1109528	CJC	EET EDI	05/22/26 16:57

Client Sample ID: ISS-45_B
Lab Sample ID: 460-351592-15
Date Collected: 05/21/26 14:05
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 89.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1109575	AIN	EET EDI	05/22/26 18:10
Total/NA	Analysis	8260D		1	1109736	VBP	EET EDI	05/24/26 14:54
Total/NA	Prep	5035	DL		1109565	AIN	EET EDI	05/22/26 17:52
Total/NA	Analysis	8260D	DL	50	1110219	AAT	EET EDI	05/28/26 12:29

Client Sample ID: ISS-45_C
Lab Sample ID: 460-351592-16
Date Collected: 05/21/26 14:10
Matrix: Solid
Date Received: 05/21/26 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1109528	CJC	EET EDI	05/22/26 16:57

Client Sample ID: ISS-45_C
Lab Sample ID: 460-351592-16
Date Collected: 05/21/26 14:10
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 87.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1109575	AIN	EET EDI	05/22/26 18:11
Total/NA	Analysis	8260D		1	1109839	EMM	EET EDI	05/26/26 22:02

Client Sample ID: ISS-45_D
Lab Sample ID: 460-351592-17
Date Collected: 05/21/26 14:15
Matrix: Solid
Date Received: 05/21/26 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1109528	CJC	EET EDI	05/22/26 16:57

Client Sample ID: ISS-45_D
Lab Sample ID: 460-351592-17
Date Collected: 05/21/26 14:15
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 86.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1109575	AIN	EET EDI	05/22/26 18:11
Total/NA	Analysis	8260D		1	1109925	EMM	EET EDI	05/27/26 08:56

Lab Chronicle

Client: Haley & Aldrich Inc
Job ID: 460-351592-1
Project/Site: Former Port Mobil

Client Sample ID: ISS-45_0-4
Lab Sample ID: 460-351592-18
Date Collected: 05/21/26 14:20
Matrix: Solid
Date Received: 05/21/26 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1109941	CJC	EET EDI	05/26/26 21:01

Client Sample ID: ISS-45_0-4
Lab Sample ID: 460-351592-18
Date Collected: 05/21/26 14:20
Matrix: Solid
Date Received: 05/21/26 20:00
Percent Solids: 85.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1109639	BJB	EET EDI	05/23/26 07:46
Total/NA	Analysis	8270E		1	1109686	YAH	EET EDI	05/23/26 13:47
Total/NA	Prep	3546			1109564	ARA	EET EDI	05/22/26 17:47
Total/NA	Analysis	8081B		1	1109786	FAM	EET EDI	05/26/26 12:37
Total/NA	Prep	3546			1109551	ARA	EET EDI	05/22/26 17:28
Total/NA	Analysis	8082A		1	1109913	AAA	EET EDI	05/26/26 23:36
Total/NA	Prep	1633A			825560	URGB	ELLE	05/28/26 15:34
Total/NA	Analysis	1633A		1	826848	M4QQ	ELLE	06/01/26 05:07
Total/NA	Prep	3050B			1109730	MXF	EET EDI	05/23/26 23:36
Total/NA	Analysis	6020B		1	1109902	CDC	EET EDI	05/26/26 13:31
Total/NA	Prep	7471B			1110209	TJS	EET EDI	05/28/26 01:02
Total/NA	Analysis	7471B		1	1110303	TJS	EET EDI	05/28/26 06:54

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Haley & Aldrich Inc
Project/Site: Former Port Mobil

Job ID: 460-351592-1

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-27

The following analytes are included in this report, but the laboratory is not certified by New York NELAP 11452. This list may include analytes for which the agency does not offer certification:

Analysis Method	Prep Method	Matrix	Analyte
8270E	3546	Solid	3 & 4 Methylphenol
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10670	04-01-27

Method Summary

Client: Haley & Aldrich Inc
Project/Site: Former Port Mobil

Job ID: 460-351592-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET EDI
8081B	Organochlorine Pesticides (GC)	SW846	EET EDI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET EDI
1633A	Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A	EPA	ELLE
6020B	Metals (ICP/MS)	SW846	EET EDI
7471B	Mercury (CVAA)	SW846	EET EDI
Moisture	Percent Moisture	EPA	EET EDI
1633A	Shake Extraction with SPE	EPA	ELLE
3050B	Preparation, Metals	SW846	EET EDI
3546	Microwave Extraction	SW846	EET EDI
5035	Closed System Purge and Trap	SW846	EET EDI
7471B	Preparation, Mercury	SW846	EET EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Haley & Aldrich Inc
Project/Site: Former Port Mobil

Job ID: 460-351592-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-351592-1	ISS-40_A	Solid	05/21/26 12:00	05/21/26 20:00	New York
460-351592-2	ISS-40_B	Solid	05/21/26 12:05	05/21/26 20:00	New York
460-351592-3	ISS-40_C	Solid	05/21/26 12:10	05/21/26 20:00	New York
460-351592-4	ISS-40_0-4	Solid	05/21/26 12:15	05/21/26 20:00	New York
460-351592-5	ISS-41_A	Solid	05/21/26 12:30	05/21/26 20:00	New York
460-351592-6	ISS-41_B	Solid	05/21/26 12:35	05/21/26 20:00	New York
460-351592-7	ISS-41_C	Solid	05/21/26 12:40	05/21/26 20:00	New York
460-351592-8	ISS-41_D	Solid	05/21/26 12:45	05/21/26 20:00	New York
460-351592-9	ISS-41_0-4	Solid	05/21/26 12:50	05/21/26 20:00	New York
460-351592-10	ISS-42_A	Solid	05/21/26 13:00	05/21/26 20:00	New York
460-351592-11	ISS-42_B	Solid	05/21/26 13:05	05/21/26 20:00	New York
460-351592-12	ISS-42_C	Solid	05/21/26 13:10	05/21/26 20:00	New York
460-351592-13	ISS-42_0-4	Solid	05/21/26 13:15	05/21/26 20:00	New York
460-351592-14	ISS-45_A	Solid	05/21/26 14:00	05/21/26 20:00	New York
460-351592-15	ISS-45_B	Solid	05/21/26 14:05	05/21/26 20:00	New York
460-351592-16	ISS-45_C	Solid	05/21/26 14:10	05/21/26 20:00	New York
460-351592-17	ISS-45_D	Solid	05/21/26 14:15	05/21/26 20:00	New York
460-351592-18	ISS-45_0-4	Solid	05/21/26 14:20	05/21/26 20:00	New York

Eurofins lab name Eurofins Environment Testing Northeast, LLC (Eurofins Edison)

Lab Address: 777 New Durham Road, Edison, NJ

Chain of Custody Record

eurofins

Eurofins' services under this CoC shall be performed in accordance with the T&Cs within BSA #2025-2027-Eurofins by and between Haley & Aldrich, Inc. its subsidiaries and affiliates, and Eurofins and its named affiliates.

Client Information	Sampler: Delia Freliech	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No:
Client Contact: NP Staten Island Industrial, LLC	Phone: 917-796-7383	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin: NY	Page: 1 of 2
Company: Haley & Aldrich Inc	PWSID:			Job #: 351592
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5 days			
State, Zip: New York, 10001	Compliance Project: Δ Yes Δ No			
Phone: 516-317-9861	PO #: 0213836-003-002-05			
Email: Scommisso@haleyaldrich.com	WO #: 0215052-000-002-03			
Project Name: 41010 Arthur Kill Former Port Mobil	Project #: 46042832			
Site: 4101 Arthur Kill Road, Staten Island, NY	SSOW#:			

Analysis Requested

SHORT HOLD

460-351592 Chain of Custody

Preservation Codes:

A HCL M Hexane
B NaOH N None
C Zn Acetate O AsNaO2
D Nitric Acid P Na2O4S

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Wwater, Ssolid, Owaste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D TCL VOCs	6020B, 7471B, 8081B, 8082A, 8270E	1633A 1633 Standard list 40	Total Number of	Special Instructions/Note:
			Preservation Code:								
ISS-40_A	5/21/2026	1200	G	S	N	N	X			4	-1
ISS-40_B	5/21/2026	1205	G	S	N	N	X			4	-2
ISS-40_C	5/21/2026	1210	G	S	N	N	X			4	-3
ISS-40_0-4	5/21/2026	1215	C	S	N	N		X	X	3	-4
ISS-41_A	5/21/2026	1230	G	S	N	N	X			4	-5
ISS-41_B	5/21/2026	1235	G	S	N	N	X			4	-6
ISS-41_C	5/21/2026	1240	G	S	N	N	X			4	-7
ISS-41_D	5/21/2026	1245	G	S	N	N	X			4	-8
ISS-41_0-4	5/21/2026	1250	C	S	N	N		X	X	3	-9
ISS-42_A	5/21/2026	1300	G	S	N	N	X			4	-10
ISS-42_B	5/21/2026	1305	G	S	N	N	X			4	-11

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	HGA	1635 5/21/26			5/21/26 16:35	EDS
2		5/21/26 20:01	FEDEX		5/21/26 2000	ETA
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: N/A

Cooler Temperature(s) °C and Other Remarks: 0.5/0.5, 0.5/2.5 °C

Ver 07/18/2025

Eurofins lab name: Eurofins Environment Testing Northeast, LLC (Eurofins Edison)

Lab Address: 777 New Durham Road, Edison, NJ

Chain of Custody Record

eurofins

Eurofins' services under this CoC shall be performed in accordance with the T&Cs within BSA #2025-2027-Eurofins by and between Haley & Aldrich, Inc. its subsidiaries and affiliates, and Eurofins and its named affiliates.

Client Information	Sampler: Delia Freliech	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No:
Client Contact: NP Staten Island Industrial, LLC	Phone: 917-796-7383	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin: NY	Page: 2 of 2
Company: Haley & Aldrich Inc	PWSID:			Job #: 351592
Address: 213 West 35th Street, 7th Floor	Due Date Requested:			
City: New York	TAT Requested (days): 5 days			
State, Zip: New York, 10001	Compliance Project: Δ Yes Δ No			
Phone: 516-317-9861	PO #: 0213836-003-002-05			
Email: Scommisso@haleyaldrich.com	WO #: 0215052-000-002-03			
Project Name: 41010 Arthur Kill - Former Port Mobil	Project #: 46042832			
Site: 4101 Arthur Kill Road, Staten Island, NY	SSOW#:			

Analysis Requested

Preservation Codes:

A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Z other (specify)

Other*

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D TCL VOCs	6020B, 7471B, 8081B, 8082A, 8270E	1633A 1633 Standard list 40	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
ISS-42_C	5/21/2026	1310	G	S	N	N	X			4	-12
ISS-42_0-4	5/21/2026	1315	C	S	N	N		X	X	3	-13
ISS-45_A	5/21/2026	1400	G	S	N	N	X			4	-14
ISS-45_B	5/21/2026	1405	G	S	N	N	X			4	-15
ISS-45_C	5/21/2026	1410	G	S	N	N	X			4	-16
ISS-45_D	5/21/2026	1415	G	S	N	N	X			4	-17
ISS-45_0-4	5/21/2026	1420	C	S	N	N		X	X	3	-18

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Date/Time	Company		Date/Time	Company
Relinquished by: H&A	1635 5/21/26		Received by:	5/21/26 1638	EDS
Relinquished by:	5/21/26 2000	ETS	Received by:	5/21/26 2000	ETA
Relinquished by:			Received by:	0C	

Custody Seals Intact: Δ Yes Δ No

Custody Seal No.: NONE

Cooler Temperature(s) °C and Other Remarks: 1633 05/05 09/05 °C

Ver 07/18/2025

Eurofins Edison
Receipt Temperature and pH Log

Job Number: 351592

Number of Coolers: 2 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	0.5 °C	0.5 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	0.9 °C	0.9 °C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	1,4-Dioxane (pH<4)	Other

If pH adjustments are required record the information below*

Sample No(s). adjusted _____

Preservative Name/Conc. _____ Volume of Preservative used (ml). _____

Lot # of Preservative(s) _____ Expiration Date _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

**Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

EDS-WI-038, Rev 5
9/5/2025

Initials: SP Date: 5/26/26

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s): N/A	COC No: 460-77759.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 460-351592-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 5/29/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Former Port Mobil	Project #: 46042832			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_Shake1633 Standard List 40	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
ISS-40_0-4 (460-351592-4)	5/21/26	12:15 Eastern	G	Solid			X	1	
ISS-41_0-4 (460-351592-9)	5/21/26	12:50 Eastern	G	Solid			X	1	
ISS-42_0-4 (460-351592-13)	5/21/26	13:15 Eastern	G	Solid			X	1	
ISS-45_0-4 (460-351592-18)	5/21/26	14:20 Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:
Empty Kit Relinquished by:	Date: Time: Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	5/22/26 1510	ET	[signature]	5/22/26 1510	ET
2	[signature]	5/22/26 1927	ET			
3				[signature]	5/22/26 1927	ET

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
		C.8/5.8

Login Sample Receipt Checklist

Client: Haley & Aldrich Inc

Job Number: 460-351592-1

Login Number: 351592

List Source: Eurofins Edison

List Number: 1

Creator: Thundathorn, Sukanan 1

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Haley & Aldrich Inc

Job Number: 460-351592-1

Login Number: 351592
List Number: 2
Creator: Onate, Maggie

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 05/23/26 06:14 AM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	True	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

ATTACHMENT C
Data Usability Summary Report

Data Usability Summary Report (DUSR)

Project Name: Port Mobil AST 10 Overburden

Project Description: Soil Samples

Sample Date(s): May 19 through 21, 2026

Analytical Laboratory: Eurofins Edison – Edison, NJ

Validation Performed by: Savannah Perno

Validation Reviewed by: Kristina Ilina

Validation Date: June 10, 2026

Table of Contents

1.	**Introduction**	**3**
2.	**Sample Delivery Group Number 460-351338-1 and 460-351592-1**	**4**
2.1	SAMPLE MANAGEMENT	4
2.2	CASE NARRATIVE	4
2.3	HOLDING TIMES/PRESERVATION	4
2.4	REPORTING LIMITS AND SAMPLE DILUTIONS	4
2.5	REPORTING BASIS (WET/DRY)	4
2.6	SURROGATE RECOVERY COMPLIANCE	4
2.7	BLANK SAMPLE ANALYSIS	5
2.8	LABORATORY CONTROL SAMPLES	5
2.9	MATRIX SPIKE SAMPLES	6
2.10	DUPLICATE SAMPLE ANALYSIS	7
2.11	PRECISION AND ACCURACY	8
2.12	PFAS SAMPLE PREPARATION	8
2.13	PFAS IDENTIFICATION	8
2.14	EXTRACTION INTERNAL STANDARDS	8
2.15	SYSTEM PERFORMANCE AND OVERALL ASSESSMENT	8
3.	**Explanations**	**9**
4.	**Glossary**	**11**
5.	**Abbreviations**	**12**
6.	**Qualifiers**	**13**
References		**14**

1. Introduction

Haley & Aldrich of New York Engineering and Geology, LLP prepared this Usability Summary Report (DUSR) to summarize the review and validation of the analytical results for the Sample Delivery Groups (SDGs) listed.

This data validation and usability assessment was performed per the guidance and requirements established by the United States Environmental Protection Agency (USEPA) using the following reference materials:

- National Functional Guidelines (NFG) for Inorganic Data Review.
- NFG for Organic Data Review.
- Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under New York State Department of Environmental Conservation's (NYSDEC's) Part 375 Remedial Programs.
- NYSDEC DER-10: Technical Guidance for Site Investigation and Remediation.

Data reported in this sampling event were reported to the laboratory reporting limit (RL). Results reported between the method detection limit (MDL) and RL are flagged J as estimated.

Sample data were qualified in accordance with the laboratory's standard operating procedures (SOPs). The results presented in each laboratory report were found to be compliant with the data quality objectives (DQOs) for the project and are therefore usable; any exceptions are noted in the following pages and listed below.

A subset of data was qualified as estimated due to out of range laboratory control sample/laboratory control sample duplicate (LCS/LCSD) recoveries, out-of-range surrogate recoveries, out-of-range extraction internal standard recoveries, out-of-range matrix spike/matrix spike duplicate (MS/MSD) recoveries, and lab duplicate relative percent difference (RPD) exceedances. A summary of qualifications is provided in Table 4.

2. Sample Delivery Group Number 460-351338-1 and 460-351592-1

2.1 SAMPLE MANAGEMENT

This DUSR summarizes the review of SDG numbers:

- 460-351338-1, dated May 27, 2026; and
- 460-351592-1, dated June 2, 2026.

Samples were collected, preserved, and shipped following standard chain of custody (COC) protocols.

- Samples for E1633A analysis were subcontracted to Eurofins Lancaster Laboratories Environment Testing, LLC – Lancaster, PA.

Samples were also received appropriately, identified correctly, and analyzed according to the COC. Issues noted with sample management are listed below:

- ISS_43_A and ISS_43_B: No analyses marked on the COC. SW8260D was reported for both samples.

Analyses were performed on the samples in Table 1. Method holding times are listed in Table 2.

2.2 CASE NARRATIVE

The laboratory report case narrative lists various quality control exceedances (e.g., continuing calibration blank) not evaluated by this review; therefore, no qualifiers were applied to the reported results.

2.3 HOLDING TIMES/PRESERVATION

The samples arrived at the laboratory at the proper temperature and were prepared and analyzed within the holding time and preservation criteria specified per method protocol.

2.4 REPORTING LIMITS AND SAMPLE DILUTIONS

All sample dilutions were reviewed and found to be justified. Only detected analytes were reported from a sample dilution analysis.

2.5 REPORTING BASIS (WET/DRY)

Refer to Section E 1.1. Soil data in this SDG were reported on a dry-weight basis. Where reported, percent solid results were reviewed and found to be within limits.

2.6 SURROGATE RECOVERY COMPLIANCE

Refer to Section E 1.2. The percent recovery (%R) for each surrogate compound added to each project sample was determined to be within the laboratory-specified quality control (QC) limits, with the following exceptions:

Method	Sample ID	Lab ID	Surrogate	Dilution	%R	Qualification
SW8260 D	ISS-38_B	460-351338-6	Toluene-d8	1	140%	J+/None target compounds*
	ISS-39_D	460-351338-22	Toluene-d8	1	277%	J+/None target compounds*
	ISS-45_B	460-351592-15	Toluene-d8	1	140%	J+/None target compounds*

** Compounds targeted by Toulene-d8: cyclohexane, ethylbenzene, m,p-xylenes, and o-xylene.*

2.7 BLANK SAMPLE ANALYSIS

Refer to Section E 1.3. Method blank samples had no detections, indicating that no contamination from laboratory activities occurred, with the following exceptions:

Blank Type	Batch ID	Analyte Detected in Blank	Concentration (mg/kg)	Qualifier	Affected Samples
Method Blank	1109613	1,2,3-Trichlorobenzene	0.0203 J	NA	None, samples are non-detect (ND)
	1109796	1,2,3-Trichlorobenzene	0.0206 J	NA	None, samples are ND

***Note**: mg/kg = milligrams per kilogram*

2.8 LABORATORY CONTROL SAMPLES

Refer to Section E 1.4. Compounds associated with the low-level laboratory control sample (LLLCS) and LCS/LCSD analyses associated with client samples exhibited recoveries and RPDs within the specified limits, with the following exceptions:

SDG #	Sample Type	Method	Batch ID	Analyte	%R	Qualifier	Affected Samples
460-351338-1	LCS	SW8260D	1109718	1,1,1-Trichloroethane	126%	J/None	None, samples are ND
	LCS			4-Methyl-2-pentanone (MIBK)	134%	J/None	None, samples are ND
	LCS			Carbon tetrachloride	123%	J/None	None, samples are ND
	LCS			Cyclohexane	129%	J/None	None, samples are ND
	LCS			Ethylene Dibromide	122%	J/None	None, samples are ND
	LCS			Methylcyclohexane	131%	J/None	460-351338-15 460-351338-16 460-351338-17 460-351338-19

SDG #	Sample Type	Method	Batch ID	Analyte	%R	Qualifier	Affected Samples
460-351338-1	LCS	SW8260D	1109718	m-Xylene & p-Xylene	122%	J/None	460-351338-15 460-351338-16 460-351338-17 460-351338-19
	LCS			Styrene	127%	J/None	None, samples are ND
	LCS			Xylenes, Total	122%	J/None	460-351338-15 460-351338-16 460-351338-17 460-351338-19
460-351338-1 and 460-351592-1	LCS/LCSD	SW8260D	1109839	Bromoform	50%/55%	J/UJ	460-351338-6 460-351592-8 460-351592-10 460-351592-11 460-351592-16 460-351338-22
	LCS			Carbon tetrachloride	64%	J/UJ	
	LCS/LCSD			Chlorodibromomethane	64%/69%	J/UJ	
460-351592-1	LCSD	SW8260D	1109736	Bromoform	58%	J/UJ	460-351592-2 460-351592-3 460-351592-5 460-351592-6 460-351592-7 460-351592-14 460-351592-15
				Chlorodibromomethane	70%	J/UJ	
460-351592-1	LCS	SW8260D	1109925	Bromoform	57%/59%	J/UJ	460-351592-17
				Carbon tetrachloride	63%	J/UJ	
				Chlorodibromomethane	69%	J/UJ	
460-351592-1	LCS	SW8260D	1110219	1,2,3-Trichlorobenzene	142%	J/None	None, samples are ND
460-351592-1	LCS	SW8270E	1109686	Caprolactam	154%	J+/None	None, samples are ND

2.9 MATRIX SPIKE SAMPLES

Refer to Section E 1.5. The samples below were used for MS/MSD:

Lab Sample Number	Matrix Spike/Matrix Spike Duplicate Sample Client ID	Method(s)
460-351592-13	ISS-42_0-4	SW8270E
460-351592-4	ISS-40_0-4	SW6020B

The MS/MSD recoveries and the RPD between the MS and MSD results were within the specified limits, with the following exceptions:

Sample Type	Method	Parent Sample	Analyte	%R/RPD	Qualifier	Affected Samples
MS	SW8270E	ISS-42_0-4	1,1'-Biphenyl	63%	J/UJ	ISS-42_0-4
MS			2,4-Dimethylphenol	71%	J/UJ	
MS			2-Chloronaphthalene	62%	J/UJ	
MS			Acenaphthene	64%	J/UJ	
MS			Acenaphthylene	67%	J/UJ	
MS			Naphthalene	61%	J/UJ	
MSD			Atrazine	158%	J/None	None, samples are ND
MSD			Caprolactam	166%	J/None	
MS	SW6020B	ISS-40_0-4	Aluminum	313%	NA	None, native sample > 4x the spike added
			Antimony	73%	J-/UJ	460-351592-4 460-351592-9 460-351592-13 460-351592-18
			Chromium	151%	NA	None, native sample > 4x the spike added
			Iron	381%	NA	None, native sample > 4x the spike added
			Lead	191%	NA	None, native sample > 4x the spike added
			Magnesium	146%	J+/None	460-351592-4 460-351592-9 460-351592-13 460-351592-18
			Potassium	146%	J+/None	
			Vanadium	127%	J+/None	

2.10 DUPLICATE SAMPLE ANALYSIS

Refer to Section E 1.6. The following samples were used for laboratory duplicate analysis and the RPDs were all below 20 percent (or the absolute difference rule was satisfied if detects were less than 5 times the RL). Any exceptions are noted below and qualified.

Lab Sample Number	Laboratory Duplicate Sample Client ID	Method(s)
460-351592-4	ISS-40_0-4	SW6020B

Lab Sample Number	Laboratory Duplicate Sample Client ID	Method(s)/Analyte	% RPD	Qualification
460-351592-4	ISS-40_0-4	Antimony	NA	None, Abs. Diff < 5x RL
		Barium	29%	J/UJ, RPD > 20%
		Calcium	127%	J/UJ, RPD > 20%
		Magnesium	126%	J/UJ, RPD > 20%
		Manganese	43%	J/UJ, RPD > 20%

2.11 PRECISION AND ACCURACY

Refer to Section E 1.7. Where required by the method, some measurement of analytical accuracy and precision was reported for each method with the site samples.

2.12 PFAS SAMPLE PREPARATION

Refer to Section E 1.14. The laboratory's SOP was reviewed, and the reviewer confirmed it is the laboratory's procedure to use solid-phase extraction (SPE) for sample preparation. No data qualification required.

2.13 PFAS IDENTIFICATION

Refer to Section E 1.15. Ion ratios could not be reviewed because the laboratory did not provide an ion ratio summary. However, this lab typically qualifies data impacted by ion ratio exceedance with an "I" flag. As no data were qualified, it can be assumed ion ratios were within limits.

2.14 EXTRACTION INTERNAL STANDARDS

Refer to Section E 1.16. Recoveries were reviewed and found to be within the method limits, with the exceptions noted in Table 3.

Extraction Internal Standards Recoveries were out of limits for MBs, LCS, MS and/or MSD, but did not affect the data.

2.15 SYSTEM PERFORMANCE AND OVERALL ASSESSMENT

The results presented in this report were found to comply with the DQOs for the project and the guidelines specified by the analytical method. Based on the review of this report, the data are useable and acceptable, as no data were rejected. A summary of qualifiers applied to this dataset is shown in Table 4.

3. Explanations

The following explanations include more detailed information regarding each of the sections in the DUSR above. Not all sections in the Explanations are represented:

- E 1.1 Reporting Basis (Wet/Dry)
  - Soil samples can be reported on either a wet (as received) or dry weight basis. Dry weight data indicate calculations were made to compensate for the moisture content of the soil sample.
  - Percent (%) solids should be appropriately considered when evaluating analytical results for non-aqueous samples. Sediments with high moisture content may or may not be successfully analyzed by routine analytical methods. Samples should be greater than or equal to 30 percent solids to be appropriately quantified.
- E 1.2 Surrogate Recovery Compliance
  - Surrogates, also known as system monitoring compounds, are compounds added to each sample prior to sample preparation to determine the efficiency of the extraction procedure by evaluating the percent recovery (%R) of the compounds.
- E 1.3 Blank Sample Analysis
  - Method blanks are prepared by the analytical laboratory and analyzed concurrently with the project samples to assess possible laboratory contamination.
- E 1.4 Laboratory Control Samples
  - The LCS/LCSD analyses are used to assess the precision and accuracy of the analytical method independent of matrix interferences.
- E 1.5 Matrix Spike Samples
  - MS/MSD data are used to assess the precision and accuracy of the analytical method and evaluate the effects of the sample matrix on the sample preparation procedures and measurement methodologies.
  - For inorganic methods, when a matrix spike recovery falls outside of the control limits and the sample result is less than four times the spike added, a post-digestion spike (PDS) is performed.
- E 1.6 Laboratory Duplicate Sample Analysis
  - The laboratory duplicate sample analysis is used by the laboratory at the time of the analysis to demonstrate acceptable method precision. The RPD or absolute difference [was evaluated for each duplicate sample pair to monitor the reproducibility of the data.
- E 1.7 Precision and Accuracy
  - Precision measures the reproducibility of repetitive measurements. In a laboratory environment, this will be measured by determining the RPD found between a primary and a duplicate sample. This can be an LCS/LCSD pair, a MS/MSD pair, a laboratory duplicate performed on a site sample, or a field duplicate collected and analyzed concurrently with a site sample.

- Accuracy is a statistical measurement of the correctness of a measured value and includes components of random error (variability caused by imprecision) and systematic error. In a laboratory environment, this will be measured by determining the %R of certain spiked compounds. This can be assessed using LCS, blank spike (BS), MS, and/or surrogate recoveries.

- E 1.14 PFAS Sample Preparation
  - Analysis of PFAS requires specific sample preparation. Aqueous samples must be prepared using SPE, unless samples are known to contain high PFAS concentrations or the samples are injected directly into the LC/MS/MS instrument. Samples with greater than 1 percent solids may require centrifugation prior to SPE. The entire sample plus bottle rinsate must be extracted using SPE. If high PFAS concentrations are known, the samples may alternately be prepared using serial dilution performed in duplicate. If prepared by serial dilution, there must be documented project approval for this deviation.

- E 1.15 PFAS Identification
  - Identification of PFAS requires dual confirmation. The chemical derivation of the ion transitions must be documented. A minimum of two ion transitions per analyte are required (except for PFBA and PFPeA). Ratios of the quantitation ion to the confirmation ion should be calculated for samples and be within 50 to 150 percent of the ratios of the quantitation ion to the confirmation ion for standards.
  - Identification of PFAS also requires the proper assessment of branched and linear peaks. Standards for both isomers are not currently available for every PFAS compound, resulting in the common error of quantifying the area of only the branched or the linear isomers, which results in erroneous concentrations.

- E 1.16 Extraction Internal Standards
  - Analysis of PFAS by isotope dilution includes the use of extracted internal standards, which are stable isotope analogs of the PFAS compounds of interest added to each sample prior to extraction of the sample matrix. Matrix interferences that affect the quantification of the internal standard will affect the calculated target compound concentrations. For method EPA 1633, Module 6 provides guidance for extreme recoveries. Professional judgment is used to qualify based on recovery below the method limit but above 10% and above the method limit but below 200%. Below the method limit will result in estimating the detection or non-detection; above the method limit will result in estimating the detection.

4. Glossary

*Analyte names may be abbreviated for simplicity. Please refer to the laboratory report for the full analyte name.
Not all of the following symbols, acronyms, or qualifiers occur in this document.

- Sample Types:
  - EB Equipment Blank Sample
  - FB Field Blank Sample
  - FD Field Duplicate Sample
  - N Primary Sample
  - TB Trip Blank Sample
- Units:
  - ng/kg nanograms per kilogram
  - µg/L micrograms per liter
  - µg/m3 micrograms per cubic meter
  - mg/kg milligrams per kilogram
  - mg/L milligrams per liter
  - ppbv/v parts per billion volume/volume
  - pCi/L picocuries per liter
  - pg/g picograms per gram
  - pg/L picograms per liter
- Matrices:
  - AA Ambient Air
  - GS Soil Gas
  - GW/WG Groundwater
  - IA Indoor Air
  - SE Sediment
  - SO Soil
  - SSV Sub-slab Vapor
  - ST Solid Waste
  - WM Stormwater
  - WQ Water Quality control matrix
  - WS Surface Water
  - WW Waste Water
- Table Footnotes:
  - NA Not applicable
  - ND Non-detect
  - NR Not reported
- Common Symbols:
  - % percent
  - < less than
  - ≤ less than or equal to
  - > greater than
  - ≥ greater than or equal to
  - = equal
  - °C degrees Celsius
  - ± plus or minus
  - ~ approximately
  - x times (multiplier)
- Fractions:
  - N Normal (method cannot be filtered)
  - D Dissolved (filtered)
  - T Total (unfiltered)

5. Abbreviations

%D	Percent Difference
%R	Percent Recovery
%RSD	Percent Relative Standard Deviation
%v/v	Percent volume by volume
2s	2 sigma
4,4-DDT	4 4-dichlorodiphenyltrichloroethane
Abs Diff	Absolute Difference
amu	atomic mass unit
BPJ	Best Professional Judgement
BS	Blank Spike
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CCVL	Continuing Calibration Verification Low
COC	Chain of Custody
COM	Combined Isotope Calculation
Cr (VI)	Hexavalent Chromium
CRI	Collision Reaction Interface
DoD	Department of Defense
DQO	data quality objective
DUSR	Data Usability Summary Report
EIS	Extraction Internal Standard
EMPC	Estimated Maximum Possible Concentration
FBK	Field Blank Contamination
FDP	Field Duplicate
GC	Gas Chromatograph
GC/MS	Gas Chromatography/Mass Spectrometry
GPC	Gel Permeation Chromatography
H_2	Hydrogen gas
HCl	Hydrochloric Acid
ICAL	Initial Calibration
ICB	Initial Calibration Blank
ICP/MS	Inductively Coupled Plasma/Mass Spectrometry
ICV	Initial Calibration Verification
ICVL	Initial Calibration Verification Low
IPA	Isopropyl Alcohol
LC	Laboratory Control
LCS/LCSD	Laboratory Control Sample/Laboratory Control Sample Duplicate
MBK	Method Blank Contamination
MDC	Minimum Detectable Concentration
MDL	Laboratory Method Detection Limit
MS/MSD	Matrix Spike/Matrix Spike Duplicate
NA	not applicable
ND	Non-Detect
NFG	National Functional Guidelines
NH_3	Ammonia
NYSDEC	New York State Department of Environmental Conservation
PAH	Polycyclic Aromatic Hydrocarbon
PCB	Polychlorinated Biphenyl
PDS	Post-Digestion Spike
PEM	Performance Evaluation Mixture
PFAS	Per- and Polyfluoroalkyl Substances
PFBA	Perfluorobutanoic Acid
PFD	Perfluorodecalin
PFOA	Perfluorooctanoic Acid
PFOS	Perfluorooctane sulfonate
PFPeA	Perfluoropentanoic Acid
QAPP	Quality Assurance Project Plan
QC	Quality Control
QSM	Quality Systems Manual
R^2	R-squared value
Ra-226	Radium-226
Ra-228	Radium-228
RESC	Resolution Check Measure
RL	Laboratory Reporting Limit
RPD	Relative Percent Difference
RRF	Relative Response Factor
RT	Retention Time
SAP	Sampling Analysis Plan
SDG	Sample Delivery Group
SIM	Selected ion monitoring
SOP	Standard Operating Procedure
SPE	Solid-Phase Extraction
SVOC	Semi-Volatile Organic Compound
TCLP	Toxicity Characteristic Leaching Procedure
TIC	Tentatively Identified Compound
TKN	Total Kjeldahl Nitrogen
TPH	Total Petroleum Hydrocarbon
TPU	Total Propagated Uncertainty
USEPA	U.S. Environmental Protection Agency
VOC	Volatile Organic Compound
WP	Work Plan

6. Qualifiers

The qualifiers below are from the USEPA NFG and the data in the DUSR may contain these qualifiers:

- Concentration (C) Qualifiers:

  U The compound was analyzed for but not detected. The associated value is either the compound quantitation limit if not detected by the analytical instrument or could be the reported or blank concentration if qualified by blank contamination. This can also be displayed as less than the associated compound quantitation limit (<RL or <MDL), or "ND".

  B The compound was found in the sample and its associated blank. Its presence in the sample may be suspect.

- Quantitation (Q) Qualifiers:

  E The compound was quantitated above the calibration range.

  D The concentration is based on a diluted sample analysis.

- Validation Qualifiers:

  J The compound was positively identified; however, the associated numerical value is an estimated concentration only.

  J+ The result is an estimated quantity, but the result may be biased high.

  J- The result is an estimated quantity, but the result may be biased low.

  J/UJ as listed in exception tables J applies to detected data and UJ applies to non-detected data as reported by the laboratory.

  UJ The compound was not detected. The reported sample quantitation limit is approximate.

  NJ The analysis indicated the presence of a compound for which there is presumptive evidence to make a tentative identification; the associated numerical value is an estimated concentration only.

  R The sample results were rejected as unusable; the compound may or may not be present in the sample.

  S Result is suspect. See DUSR for details.

References

1. New York State Department of Environmental Conservation, 2010. Division of Environmental Remediation DER-10 Technical Guidance for Site Investigation and Remediation, Appendix 2B, Guidance for Data Deliverables and the Development of Data Usability Summary Reports.
2. New York State Department of Environmental Conservation, 2023. Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances Under NYSDEC's Part 375 Remedial Programs. April.
3. United States Environmental Protection Agency, 2020a. National Functional Guidelines for Inorganic Superfund Methods Data Review. EPA-542-R-20-006. November.
4. United States Environmental Protection Agency, 2020b. National Functional Guidelines for Organic Superfund Methods Data Review. EPA-540-R-20-005. November.

Attachments:

Table 1 – Sample Management
Table 2 – Method Holding Times
Table 3 – Extraction Internal Standards
Table 4 – System Performance Summary

TABLES

TABLE 1
SAMPLE MANAGEMENT
FORMER PORT MOBIL AST 10
STATEN ISLAND, NY

Sample ID	Sample Type	Lab ID	Sample Date	Matrix	Methods
ISS-37_A	N	460-351338-1	05/19/2026	SO	F
ISS-37_B	N	460-351338-2	05/19/2026	SO	F
ISS-37_C	N	460-351338-3	05/19/2026	SO	F
ISS-37_0-4	N	460-351338-4	05/19/2026	SO	A, B, C, D, E, G
ISS-38_A	N	460-351338-5	05/19/2026	SO	F
ISS-38_B	N	460-351338-6	05/19/2026	SO	F
ISS-38_C	N	460-351338-7	05/19/2026	SO	F
ISS-38_D	N	460-351338-8	05/19/2026	SO	F
ISS-38_0-4	N	460-351338-9	05/19/2026	SO	A, B, C, D, E, G
ISS-43_A	N	460-351338-10	05/19/2026	SO	F
ISS-43_B	N	460-351338-11	05/19/2026	SO	F
ISS-43_C	N	460-351338-12	05/19/2026	SO	F
ISS-43_D	N	460-351338-13	05/19/2026	SO	F
ISS-43_0-4	N	460-351338-14	05/19/2026	SO	A, B, C, D, E, G
ISS-44_A	N	460-351338-15	05/19/2026	SO	F
ISS-44_B	N	460-351338-16	05/19/2026	SO	F
ISS-44_C	N	460-351338-17	05/19/2026	SO	F
ISS-44_0-4	N	460-351338-18	05/19/2026	SO	A, B, C, D, E, G
ISS-39_A	N	460-351338-19	05/19/2026	SO	F
ISS-39_B	N	460-351338-20	05/19/2026	SO	F
ISS-39_C	N	460-351338-21	05/19/2026	SO	F
ISS-39_D	N	460-351338-22	05/19/2026	SO	F
ISS-39_0-4	N	460-351338-23	05/19/2026	SO	A, B, C, D, E, G
ISS-40_A	N	460-351592-1	05/21/2026	SO	F
ISS-40_B	N	460-351592-2	05/21/2026	SO	F
ISS-40_C	N	460-351592-3	05/21/2026	SO	F
ISS-40_0-4	N	460-351592-4	05/21/2026	SO	A, B, C, D, E, G
ISS-41_A	N	460-351592-5	05/21/2026	SO	F
ISS-41_B	N	460-351592-6	05/21/2026	SO	F
ISS-41_C	N	460-351592-7	05/21/2026	SO	F
ISS-41_D	N	460-351592-8	05/21/2026	SO	F
ISS-41_0-4	N	460-351592-9	05/21/2026	SO	A, B, C, D, E, G
ISS-42_A	N	460-351592-10	05/21/2026	SO	F
ISS-42_B	N	460-351592-11	05/21/2026	SO	F
ISS-42_C	N	460-351592-12	05/21/2026	SO	F
ISS-42_0-4	N	460-351592-13	05/21/2026	SO	A, B, C, D, E, G
ISS-45_A	N	460-351592-14	05/21/2026	SO	F
ISS-45_B	N	460-351592-15	05/21/2026	SO	F
ISS-45_C	N	460-351592-16	05/21/2026	SO	F
ISS-45_D	N	460-351592-17	05/21/2026	SO	F
ISS-45_0-4	N	460-351592-18	05/21/2026	SO	A, B, C, D, E, G

TABLE 2
METHOD HOLDING TIMES
FORMER PORT MOBIL AST 10
STATEN ISLAND, NY

Method Holding Times			
A.	E1633A	Per- and Polyfluoroalkyl Substances (PFAS)	14 days extraction / 28 days analysis for solid, unpreserved
B.	SW6020B	Metals	180 days for solid unpreserved
C.	SW7471B	Mercury (in Solids)	28 days for solid unpreserved
D.	SW8081B	Organochlorine Pesticides	14 days extraction / 40 days analysis for solid, unpreserved
E.	SW8082A	Polychlorinated Biphenyls (PCBs)	1 year extraction / 40 days analysis for solid, unpreserved
F.	SW8260D	Volatile Organic Compounds (VOCs)	14 days for solid, preserved 14 days for solid unpreserved
G.	SW8270E	Semivolatile Organic Compounds (SVOCs) and Polycyclic Aromatic Hydrocarbons (PAHs)	14 days extraction / 40 days analysis for solid, unpreserved

TABLE 3
EXTRACTION INTERNAL STANDARDS
FORMER PORT MOBIL AST 10
STATEN ISLAND, NY

Method	Sample ID	Lab ID	Surrogate	Dilution	%R	Qualification
E1633A	ISS-37_0-4	460-351338-4	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	1x	25%	J target compounds [7]
E1633A	ISS-37_0-4	460-351338-4	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	1x	31%	J target compounds [8]
E1633A	ISS-38_0-4	460-351338-9	N-Deuterioethylperfluoro-1-octanesulfonamide (D5-NEtFOSA)	1x	47%	J target compounds [4]
E1633A	ISS-38_0-4	460-351338-9	N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	1x	49%	J target compounds [6]
E1633A	ISS-38_0-4	460-351338-9	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	1x	28%	J target compounds [7]
E1633A	ISS-38_0-4	460-351338-9	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	1x	30%	J target compounds [8]
E1633A	ISS-39_0-4	460-351338-23	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	1x	29%	J target compounds [7]
E1633A	ISS-39_0-4	460-351338-23	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	1x	31%	J target compounds [8]
E1633A	ISS-39_0-4	460-351338-23	Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	1x	47%	J target compounds [10]
E1633A	ISS-43_0-4	460-351338-14	N-Deuterioethylperfluoro-1-octanesulfonamide (D5-NEtFOSA)	1x	48%	J target compounds [4]
E1633A	ISS-43_0-4	460-351338-14	N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	1x	49%	J target compounds [5]
E1633A	ISS-43_0-4	460-351338-14	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	1x	16%	J target compounds [7]
E1633A	ISS-43_0-4	460-351338-14	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	1x	19%	J target compounds [8]
E1633A	ISS-43_0-4	460-351338-14	Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	1x	42%	J target compounds [10]
E1633A	ISS-44_0-4	460-351338-18	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	1x	36%	J target compounds [7]
E1633A	ISS-44_0-4	460-351338-18	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	1x	39%	J target compounds [8]
E1633A	ISS-44_0-4	460-351338-18	Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	1x	46%	J target compounds [10]
E1633A	ISS-40_0-4	460-351592-4	1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (13C2-8:2 FTS)	1x	234%	J target compounds [1]
E1633A	ISS-40_0-4	460-351592-4	1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (13C2-4:2 FTS)	1x	218%	J target compounds [2]
E1633A	ISS-40_0-4	460-351592-4	1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (13C2-6:2 FTS)	1x	242%	J target compounds [3]
E1633A	ISS-40_0-4	460-351592-4	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	1x	34%	J target compounds [7]
E1633A	ISS-40_0-4	460-351592-4	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	1x	41%	J target compounds [8]
E1633A	ISS-41_0-4	460-351592-9	1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (13C2-8:2 FTS)	1x	335%	J target compounds [1]

TABLE 3
EXTRACTION INTERNAL STANDARDS
FORMER PORT MOBIL AST 10
STATEN ISLAND, NY

Method	Sample ID	Lab ID	Surrogate	Dilution	%R	Qualification
E1633A	ISS-41_0-4	460-351592-9	1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (13C2-4:2 FTS)	1x	285%	J target compounds [2]
E1633A	ISS-41_0-4	460-351592-9	1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (13C2-6:2 FTS)	1x	331%	J target compounds [3]
E1633A	ISS-41_0-4	460-351592-9	N-Deuterioethylperfluoro-1-octanesulfonamide (D5-NEtFOSA)	1x	44%	J target compounds [4]
E1633A	ISS-41_0-4	460-351592-9	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	1x	39%	J target compounds [7]
E1633A	ISS-41_0-4	460-351592-9	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	1x	45%	J target compounds [8]
E1633A	ISS-42_0-4	460-351592-13	1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (13C2-8:2 FTS)	1x	232%	J target compounds [1]
E1633A	ISS-42_0-4	460-351592-13	1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (13C2-4:2 FTS)	1x	251%	J target compounds [2]
E1633A	ISS-42_0-4	460-351592-13	1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (13C2-6:2 FTS)	1x	230%	J target compounds [3]
E1633A	ISS-42_0-4	460-351592-13	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	1x	30%	J target compounds [7]
E1633A	ISS-42_0-4	460-351592-13	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	1x	42%	J target compounds [8]
E1633A	ISS-42_0-4	460-351592-13	Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	1x	41%	J target compounds [9]
E1633A	ISS-42_0-4	460-351592-13	Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	1x	17%	J target compounds [10]
E1633A	ISS-45_0-4	460-351592-18	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9	1x	36%	J target compounds [7]
E1633A	ISS-45_0-4	460-351592-18	N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA)	1x	46%	J target compounds [8]

[1] Compounds targeted by 1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (13C2-8:2 FTS): FtS 8:2.
[2] Compounds targeted by 1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (13C2-4:2 FTS): FtS 4:2.
[3] Compounds targeted by 1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (13C2-6:2 FTS): FtS 6:2.
[4] Compounds targeted by N-Deuterioethylperfluoro-1-octanesulfonamide (D5-NEtFOSA): NEtFOSA.
[5] Compounds targeted by N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA): NEtFOSAA.
[6] Compounds targeted by N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA): NMeFOSAA.
[7] Compounds targeted by N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulphonamide-d9: N-EtFOSE.
[8] Compounds targeted by N-methylperfluorooctane sulfonamidoethanol (d7-N-MeFOSE-M)(IDA): N-MeFOSE.
[9] Compounds targeted by Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA): PFDoDA, PFTrDA.
[10] Compounds targeted by Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA): PFTeDA, PFTrDA.

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Fraction	Reportable Result	Reported Result	Validated Result	Reason for Qualifier
4603515921	SW6020B	Dry	ISS-40_0-4	460-351592-4	Barium	N	Yes	16.6	16.6 J	DUP
4603515921	SW6020B	Dry	ISS-40_0-4	460-351592-4	Calcium	N	Yes	1640	1640 J	DUP
4603515921	SW6020B	Dry	ISS-40_0-4	460-351592-4	Manganese	N	Yes	58	58 J	DUP
4603515921	SW6020B	Dry	ISS-41_0-4	460-351592-9	Barium	N	Yes	63.5	63.5 J	DUP
4603515921	SW6020B	Dry	ISS-41_0-4	460-351592-9	Calcium	N	Yes	2020	2020 J	DUP
4603515921	SW6020B	Dry	ISS-41_0-4	460-351592-9	Manganese	N	Yes	264	264 J	DUP
4603515921	SW6020B	Dry	ISS-42_0-4	460-351592-13	Barium	N	Yes	21.7	21.7 J	DUP
4603515921	SW6020B	Dry	ISS-42_0-4	460-351592-13	Calcium	N	Yes	470	470 J	DUP
4603515921	SW6020B	Dry	ISS-42_0-4	460-351592-13	Manganese	N	Yes	87.4	87.4 J	DUP
4603515921	SW6020B	Dry	ISS-45_0-4	460-351592-18	Barium	N	Yes	26.2	26.2 J	DUP
4603515921	SW6020B	Dry	ISS-45_0-4	460-351592-18	Calcium	N	Yes	3240	3240 J	DUP
4603515921	SW6020B	Dry	ISS-45_0-4	460-351592-18	Manganese	N	Yes	114	114 J	DUP
4603515921	SW6020B	Dry	ISS-40_0-4	460-351592-4	Magnesium	N	Yes	1030	1030 J+	DUP, MSD
4603515921	SW6020B	Dry	ISS-41_0-4	460-351592-9	Magnesium	N	Yes	2700	2700 J+	DUP, MSD
4603515921	SW6020B	Dry	ISS-42_0-4	460-351592-13	Magnesium	N	Yes	792	792 J+	DUP, MSD
4603515921	SW6020B	Dry	ISS-45_0-4	460-351592-18	Magnesium	N	Yes	1330	1330 J+	DUP, MSD
4603513381	E1633A	Dry	ISS-37_0-4	460-351338-4	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	N	Yes	U	UJ	IDL
4603513381	E1633A	Dry	ISS-37_0-4	460-351338-4	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	N	Yes	U	UJ	IDL
4603513381	E1633A	Dry	ISS-38_0-4	460-351338-9	N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	N	Yes	U	UJ	IDL
4603513381	E1633A	Dry	ISS-38_0-4	460-351338-9	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	N	Yes	U	UJ	IDL
4603513381	E1633A	Dry	ISS-38_0-4	460-351338-9	N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	N	Yes	U	UJ	IDL
4603513381	E1633A	Dry	ISS-38_0-4	460-351338-9	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	N	Yes	U	UJ	IDL
4603513381	E1633A	Dry	ISS-39_0-4	460-351338-23	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	N	Yes	U	UJ	IDL
4603513381	E1633A	Dry	ISS-39_0-4	460-351338-23	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	N	Yes	U	UJ	IDL
4603513381	E1633A	Dry	ISS-39_0-4	460-351338-23	Perfluorotetradecanoic acid (PFTeDA)	N	Yes	U	UJ	IDL
4603513381	E1633A	Dry	ISS-39_0-4	460-351338-23	Perfluorotridecanoic acid (PFTrDA)	N	Yes	1.23	1.23 J	IDL
4603515921	E1633A	Dry	ISS-40_0-4	460-351592-4	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	N	Yes	U	UJ	IDL
4603515921	E1633A	Dry	ISS-40_0-4	460-351592-4	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	N	Yes	U	UJ	IDL
4603515921	E1633A	Dry	ISS-40_0-4	460-351592-4	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	N	Yes	U	UJ	IDL
4603515921	E1633A	Dry	ISS-40_0-4	460-351592-4	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	N	Yes	U	UJ	IDL
4603515921	E1633A	Dry	ISS-40_0-4	460-351592-4	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	N	Yes	U	UJ	IDL
4603515921	E1633A	Dry	ISS-41_0-4	460-351592-9	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	N	Yes	U	UJ	IDL
4603515921	E1633A	Dry	ISS-41_0-4	460-351592-9	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	N	Yes	U	UJ	IDL
4603515921	E1633A	Dry	ISS-41_0-4	460-351592-9	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	N	Yes	U	UJ	IDL
4603515921	E1633A	Dry	ISS-41_0-4	460-351592-9	N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	N	Yes	U	UJ	IDL
4603515921	E1633A	Dry	ISS-41_0-4	460-351592-9	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	N	Yes	U	UJ	IDL
4603515921	E1633A	Dry	ISS-41_0-4	460-351592-9	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	N	Yes	U	UJ	IDL
4603515921	E1633A	Dry	ISS-42_0-4	460-351592-13	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	N	Yes	U	UJ	IDL
4603515921	E1633A	Dry	ISS-42_0-4	460-351592-13	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	N	Yes	U	UJ	IDL
4603515921	E1633A	Dry	ISS-42_0-4	460-351592-13	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	N	Yes	U	UJ	IDL
4603515921	E1633A	Dry	ISS-42_0-4	460-351592-13	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	N	Yes	U	UJ	IDL
4603515921	E1633A	Dry	ISS-42_0-4	460-351592-13	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	N	Yes	U	UJ	IDL
4603515921	E1633A	Dry	ISS-42_0-4	460-351592-13	Perfluorododecanoic acid (PFDoDA)	N	Yes	U	UJ	IDL
4603515921	E1633A	Dry	ISS-42_0-4	460-351592-13	Perfluorotetradecanoic acid (PFTeDA)	N	Yes	U	UJ	IDL
4603515921	E1633A	Dry	ISS-42_0-4	460-351592-13	Perfluorotridecanoic acid (PFTrDA)	N	Yes	U	UJ	IDL
4603513381	E1633A	Dry	ISS-43_0-4	460-351338-14	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	N	Yes	U	UJ	IDL
4603513381	E1633A	Dry	ISS-43_0-4	460-351338-14	N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	N	Yes	U	UJ	IDL
4603513381	E1633A	Dry	ISS-43_0-4	460-351338-14	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	N	Yes	U	UJ	IDL
4603513381	E1633A	Dry	ISS-43_0-4	460-351338-14	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	N	Yes	U	UJ	IDL
4603513381	E1633A	Dry	ISS-43_0-4	460-351338-14	Perfluorotetradecanoic acid (PFTeDA)	N	Yes	U	UJ	IDL
4603513381	E1633A	Dry	ISS-43_0-4	460-351338-14	Perfluorotridecanoic acid (PFTrDA)	N	Yes	0.33	0.33 J	IDL
4603513381	E1633A	Dry	ISS-44_0-4	460-351338-18	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	N	Yes	U	UJ	IDL

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Fraction	Reportable Result	Reported Result	Validated Result	Reason for Qualifier
4603513381	E1633A	Dry	ISS-44_0-4	460-351338-18	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	N	Yes	U	UJ	IDL
4603513381	E1633A	Dry	ISS-44_0-4	460-351338-18	Perfluorotetradecanoic acid (PFTeDA)	N	Yes	U	UJ	IDL
4603513381	E1633A	Dry	ISS-44_0-4	460-351338-18	Perfluorotridecanoic acid (PFTrDA)	N	Yes	0.35	0.35 J	IDL
4603515921	E1633A	Dry	ISS-45_0-4	460-351592-18	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	N	Yes	U	UJ	IDL
4603515921	E1633A	Dry	ISS-45_0-4	460-351592-18	N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	N	Yes	U	UJ	IDL
4603513381	SW8260D	Dry	ISS-38_B	460-351338-6	Bromoform	N	Yes	U	UJ	LCS
4603513381	SW8260D	Dry	ISS-38_B	460-351338-6	Carbon tetrachloride	N	Yes	U	UJ	LCS
4603513381	SW8260D	Dry	ISS-38_B	460-351338-6	Dibromochloromethane	N	Yes	U	UJ	LCS
4603513381	SW8260D	Dry	ISS-39_A	460-351338-19	Methylcyclohexane	N	Yes	0.19	0.19 J	LCS
4603513381	SW8260D	Dry	ISS-39_A	460-351338-19	Xylene (Total)	N	Yes	2.6	2.6 J	LCS
4603513381	SW8260D	Dry	ISS-39_A	460-351338-19	m,p-Xylenes	N	Yes	2	2 J	LCS
4603513381	SW8260D	Dry	ISS-39_D	460-351338-22	Bromoform	N	Yes	U	UJ	LCS
4603513381	SW8260D	Dry	ISS-39_D	460-351338-22	Carbon tetrachloride	N	Yes	U	UJ	LCS
4603513381	SW8260D	Dry	ISS-39_D	460-351338-22	Dibromochloromethane	N	Yes	U	UJ	LCS
4603515921	SW8260D	Dry	ISS-40_B	460-351592-2	Bromoform	N	Yes	U	UJ	LCS
4603515921	SW8260D	Dry	ISS-40_B	460-351592-2	Dibromochloromethane	N	Yes	U	UJ	LCS
4603515921	SW8260D	Dry	ISS-40_C	460-351592-3	Bromoform	N	Yes	U	UJ	LCS
4603515921	SW8260D	Dry	ISS-40_C	460-351592-3	Dibromochloromethane	N	Yes	U	UJ	LCS
4603515921	SW8260D	Dry	ISS-41_A	460-351592-5	Bromoform	N	Yes	U	UJ	LCS
4603515921	SW8260D	Dry	ISS-41_A	460-351592-5	Dibromochloromethane	N	Yes	U	UJ	LCS
4603515921	SW8260D	Dry	ISS-41_B	460-351592-6	Bromoform	N	Yes	U	UJ	LCS
4603515921	SW8260D	Dry	ISS-41_B	460-351592-6	Dibromochloromethane	N	Yes	U	UJ	LCS
4603515921	SW8260D	Dry	ISS-41_C	460-351592-7	Bromoform	N	Yes	U	UJ	LCS
4603515921	SW8260D	Dry	ISS-41_C	460-351592-7	Dibromochloromethane	N	Yes	U	UJ	LCS
4603515921	SW8260D	Dry	ISS-41_D	460-351592-8	Bromoform	N	Yes	U	UJ	LCS
4603515921	SW8260D	Dry	ISS-41_D	460-351592-8	Carbon tetrachloride	N	Yes	U	UJ	LCS
4603515921	SW8260D	Dry	ISS-41_D	460-351592-8	Dibromochloromethane	N	Yes	U	UJ	LCS
4603515921	SW8260D	Dry	ISS-42_A	460-351592-10	Bromoform	N	Yes	U	UJ	LCS
4603515921	SW8260D	Dry	ISS-42_A	460-351592-10	Carbon tetrachloride	N	Yes	U	UJ	LCS
4603515921	SW8260D	Dry	ISS-42_A	460-351592-10	Dibromochloromethane	N	Yes	U	UJ	LCS
4603515921	SW8260D	Dry	ISS-42_B	460-351592-11	Bromoform	N	Yes	U	UJ	LCS
4603515921	SW8260D	Dry	ISS-42_B	460-351592-11	Carbon tetrachloride	N	Yes	U	UJ	LCS
4603515921	SW8260D	Dry	ISS-42_B	460-351592-11	Dibromochloromethane	N	Yes	U	UJ	LCS
4603513381	SW8260D	Dry	ISS-44_A	460-351338-15	Methylcyclohexane	N	Yes	0.84	0.84 J	LCS
4603513381	SW8260D	Dry	ISS-44_A	460-351338-15	Xylene (Total)	N	Yes	0.26	0.26 J	LCS
4603513381	SW8260D	Dry	ISS-44_A	460-351338-15	m,p-Xylenes	N	Yes	0.19	0.19 J	LCS
4603513381	SW8260D	Dry	ISS-44_B	460-351338-16	Methylcyclohexane	N	Yes	0.57	0.57 J	LCS
4603513381	SW8260D	Dry	ISS-44_B	460-351338-16	Xylene (Total)	N	Yes	6.9	6.9 J	LCS
4603513381	SW8260D	Dry	ISS-44_B	460-351338-16	m,p-Xylenes	N	Yes	5.3	5.3 J	LCS
4603513381	SW8260D	Dry	ISS-44_C	460-351338-17	Methylcyclohexane	N	Yes	7.3	7.3 J	LCS
4603513381	SW8260D	Dry	ISS-44_C	460-351338-17	Xylene (Total)	N	Yes	24	24 J	LCS
4603513381	SW8260D	Dry	ISS-44_C	460-351338-17	m,p-Xylenes	N	Yes	21	21 J	LCS
4603515921	SW8260D	Dry	ISS-45_A	460-351592-14	Bromoform	N	Yes	U	UJ	LCS
4603515921	SW8260D	Dry	ISS-45_A	460-351592-14	Dibromochloromethane	N	Yes	U	UJ	LCS
4603515921	SW8260D	Dry	ISS-45_B	460-351592-15	Bromoform	N	Yes	U	UJ	LCS
4603515921	SW8260D	Dry	ISS-45_B	460-351592-15	Dibromochloromethane	N	Yes	U	UJ	LCS
4603515921	SW8260D	Dry	ISS-45_C	460-351592-16	Bromoform	N	Yes	U	UJ	LCS
4603515921	SW8260D	Dry	ISS-45_C	460-351592-16	Carbon tetrachloride	N	Yes	U	UJ	LCS
4603515921	SW8260D	Dry	ISS-45_C	460-351592-16	Dibromochloromethane	N	Yes	U	UJ	LCS
4603515921	SW8260D	Dry	ISS-45_D	460-351592-17	Bromoform	N	Yes	U	UJ	LCS
4603515921	SW8260D	Dry	ISS-45_D	460-351592-17	Carbon tetrachloride	N	Yes	U	UJ	LCS
4603515921	SW8260D	Dry	ISS-45_D	460-351592-17	Dibromochloromethane	N	Yes	U	UJ	LCS

TABLE 4
SYSTEM PERFORMANCE
FORMER PORT MOBIL AST 10
STATEN ISLAND, NY

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Fraction	Reportable Result	Reported Result	Validated Result	Reason for Qualifier
4603515921	SW6020B	Dry	ISS-40_0-4	460-351592-4	Antimony	N	Yes	0.13 J	0.13 J-	MSD
4603515921	SW6020B	Dry	ISS-40_0-4	460-351592-4	Potassium	N	Yes	818	818 J+	MSD
4603515921	SW6020B	Dry	ISS-40_0-4	460-351592-4	Vanadium	N	Yes	15.2	15.2 J+	MSD
4603515921	SW6020B	Dry	ISS-41_0-4	460-351592-9	Antimony	N	Yes	0.84 J	0.84 J-	MSD
4603515921	SW6020B	Dry	ISS-41_0-4	460-351592-9	Potassium	N	Yes	1100	1100 J+	MSD
4603515921	SW6020B	Dry	ISS-41_0-4	460-351592-9	Vanadium	N	Yes	23.8	23.8 J+	MSD
4603515921	SW6020B	Dry	ISS-42_0-4	460-351592-13	Antimony	N	Yes	0.28 J	0.28 J-	MSD
4603515921	SW6020B	Dry	ISS-42_0-4	460-351592-13	Potassium	N	Yes	512	512 J+	MSD
4603515921	SW6020B	Dry	ISS-42_0-4	460-351592-13	Vanadium	N	Yes	12.6	12.6 J+	MSD
4603515921	SW8270E	Dry	ISS-42_0-4	460-351592-13	2,4-Dimethylphenol	N	Yes	U	UJ	MSD
4603515921	SW8270E	Dry	ISS-42_0-4	460-351592-13	2-Chloronaphthalene	N	Yes	U	UJ	MSD
4603515921	SW8270E	Dry	ISS-42_0-4	460-351592-13	Acenaphthene	N	Yes	U	UJ	MSD
4603515921	SW8270E	Dry	ISS-42_0-4	460-351592-13	Acenaphthylene	N	Yes	U	UJ	MSD
4603515921	SW8270E	Dry	ISS-42_0-4	460-351592-13	Biphenyl	N	Yes	U	UJ	MSD
4603515921	SW8270E	Dry	ISS-42_0-4	460-351592-13	Naphthalene	N	Yes	0.041 J	0.041 J	MSD
4603515921	SW6020B	Dry	ISS-45_0-4	460-351592-18	Antimony	N	Yes	0.21 J	0.21 J-	MSD
4603515921	SW6020B	Dry	ISS-45_0-4	460-351592-18	Potassium	N	Yes	733	733 J+	MSD
4603515921	SW6020B	Dry	ISS-45_0-4	460-351592-18	Vanadium	N	Yes	14.8	14.8 J+	MSD
4603513381	SW8260D	Dry	ISS-38_B	460-351338-6	Cyclohexane	N	Yes	0.068	0.068 J+	SUR
4603513381	SW8260D	Dry	ISS-38_B	460-351338-6	Ethylbenzene	N	Yes	0.027	0.027 J+	SUR
4603513381	SW8260D	Dry	ISS-38_B	460-351338-6	m,p-Xylenes	N	Yes	0.096	0.096 J+	SUR
4603513381	SW8260D	Dry	ISS-38_B	460-351338-6	o-Xylene	N	Yes	0.036	0.036 J+	SUR
4603513381	SW8260D	Dry	ISS-39_D	460-351338-22	Cyclohexane	N	Yes	0.039	0.039 J+	SUR
4603513381	SW8260D	Dry	ISS-39_D	460-351338-22	Ethylbenzene	N	Yes	0.0012	0.0012 J+	SUR
4603513381	SW8260D	Dry	ISS-39_D	460-351338-22	m,p-Xylenes	N	Yes	0.0045	0.0045 J+	SUR
4603513381	SW8260D	Dry	ISS-39_D	460-351338-22	o-Xylene	N	Yes	0.0013	0.0013 J+	SUR
4603515921	SW8260D	Dry	ISS-45_B	460-351592-15	Cyclohexane	N	Yes	0.054	0.054 J+	SUR
4603515921	SW8260D	Dry	ISS-45_B	460-351592-15	Ethylbenzene	N	Yes	0.0018	0.0018 J+	SUR
4603515921	SW8260D	Dry	ISS-45_B	460-351592-15	m,p-Xylenes	N	Yes	0.0047	0.0047 J+	SUR
4603515921	SW8260D	Dry	ISS-45_B	460-351592-15	o-Xylene	N	Yes	0.0041	0.0041 J+	SUR

Notes:

DUP = Laboratory duplicate relative percent difference exceeds the specified limits.
IDL = Isotope dilution outside the specified limits.
J = Estimated concentration.
J+ = The result is an estimated quantity, but the result may be biased high.
J- = The result is an estimated quantity, but the result may be biased low.
LCS = Laboratory control/laboratory control spike duplicate percent recoveries or relative percent difference were outside the specified limits.
MSD = Matrix spike/matrix spike duplicate percent recoveries or relative percent difference were outside the specified limits.
SUR = Surrogate percent recovery outside the specified limits.
U = The compound was analyzed for but not detected.
UJ = The compound was not detected. The reported sample quantitation limit is approximate.
This table was automatically generated from the Haley & Aldrich database and may contain trailing zeroes.