Environmental Assessment & Remediations
A LaBella Company

March 18, 2026

Joseph Jones
Project Manager
New York State Department of Environmental Conservation
Remedial Bureau E
625 Broadway
Albany, NY 12233

SUBJECT: FORMER FRESH & CLEAN LAUNDRY, NYSDEC SITE NO. 130111 – SOIL AND GROUNDWATER SAMPLING INVESTIGATION, CONDUCTED AT 22-26 RAILROAD AVE, GLEN HEAD

Dear Mr. Jones,

The following letter summarizes soil and groundwater sampling conducted between October 14, through October 22, 2025, by Environmental Assessment and Remediations (EAR) at the above referenced site, per New York State Department of Environmental Conservation (NYSDEC) Standby Contractor Authorization Form, CallOut ID 152128 and in association with Site No. 130111. The following is a summary of the field observations and data collected during October 2025. A site map is included as Figure 1. Please note that the soil vapor intrusion sampling phase of this work authorization was completed in February 2025. EAR's letter report detailing field methods and laboratory analytical results was submitted to the NYSDEC in May 2025 (Report.hw130111.2025-05-28.SVI_Results.pdf).

Investigation Activities

The former Fresh & Clean Laundry property is located on the southeast corner of School Street and Railroad Avenue, Glen Head, NY (Figure 1). EAR's May 2025 vapor intrusion data summary letter report states that the property building is occupied by two businesses. Work performed included advancing temporary borings for soil and groundwater sampling (October 14-16, 2025), and monitoring well/cistern water sampling (October 14, 16, and 22).

NY811 was notified prior to drilling activities, and on October 14, 2025, AARCO Environmental Services Inc. (AARCO) completed a geophysical survey to clear the vicinity of the proposed probing locations. Soil and groundwater sample collection was completed via direct push drilling methods between October 14, 2025, and October 17, 2025. All sampling locations were manually pre-cleared to 5-feet below grade prior to drilling. Non-dedicated sample tooling was decontaminated between each soil boring by mechanical dirt removal, followed by an Alconox/water wash and potable water rinse. Following removal of sample tooling, the boreholes were back filled using an ASTM grout mixture. The boreholes were restored at grade to match the surrounding surface.

Soil and groundwater samples were collected following EAR's standard procedure to prevent cross-contamination and to ensure sample integrity. Samples collected for analysis were placed into laboratory provided sample containers and immediately stored in a cooler with ice to maintain a temperature of 4 degrees Celsius for transport. Chain-of-Custody forms were completed, to document sample handling (from field to secured storage, courier pick-up, and laboratory receipt). Pace Analytical Laboratories (Pace) provided analyses of all samples documented in this letter report.

Soil Sampling

Temporary boreholes were advanced via direct push technology, focused near two subsurface structures located in the northwest portion of the property. With approval from the NYSDEC, deviation from the work plan occurred due to safety concerns (proximity to overhead power lines on the western edge of the property). As a result, the proposed deep sampling locations were swapped with the shallow sampling locations on the eastern edge of the parking lot. While attempting to drill at the northeast sampling location (SB-NE1), probing was terminated due to contact with

an underground concrete structure. SB-NE1 was abandoned due to overhead power lines that run along the northern edge of the property, eliminating viable drilling locations to the north of the underground structure.

Continuous soil sampling was conducted at SB-SE1, SB-SW1, and SB-NW1 to 120, 10, and 30 feet below grade, respectively. Upon retrieval, each soil core was logged for lithology[1] and screened for volatile organic compounds (VOCs) with a photo-ionization detector (PID) by an on-site geologist. Prior to use each day, the PID was calibrated using a 100-ppm isobutylene standard and ambient air.

Overall, ten samples were submitted to Pace for analysis of VOCs by EPA Method 8260D. Laboratory reported soil analytical results are included as Table 1, including comparisons to NYSDEC soil cleanup objectives[2]. Relative percent difference calculations of duplicated samples are included as Table 2. The highest chemicals of concern (COC) are posted on Figure 2. Boring logs are included as Appendix A. Laboratory reports are included as Appendix B.

Groundwater Sampling

Direct push probing for soil characterization and sampling, also included groundwater sample collection at SB-SE1. Two groundwater samples were collected at SB-SE1 at 114-115 feet below grade and 132-133 feet below grade, using a temporary well (1-inch dia., Sch 40 PVC with 1-ft slotted screen). Water samples were also collected from the north and south cistern cleanout basins, and monitoring wells MW-6, FCMW-2, and FCMW-3. Immovable vehicles prevented sample collection at FCMW-1

For each groundwater sample (excluding cistern samples), a new section of polyethylene tubing was inserted into the monitoring well to purge groundwater using a Wattera pump. Groundwater samples were collected after a minimum of one standing volume of water in the sampling rod / monitoring well riser was removed, and the purge water was screened for field parameters using a Horiba U-52 multiparameter water quality meter. A summary of field parameters recorded during sample collection is included as Table 5.

Laboratory results of groundwater analysis are included as Table 3, including comparison to TOGS 1.1.1[3] standard and guidance values. Relative percent difference calculations of duplicated samples are included as Table 4. The highest COC concentrations per sample are posted on Figure 3. laboratory reports are included as Appendix B.

Waste Disposal

Soil and purge water generated during drilling and groundwater sampling activities was containerized in five 55-gallon drums. A composite waste sample was collected from the drums and submitted to a NYSDEC standby contracted laboratory (Pace Analytical Services) for analysis of VOCs via EPA Method 8260, semi-volatile organic compounds via EPA Method 8270, and RCRA Metals via EPA Method 6010/7470 as required by the disposal facility. A copy of the waste manifest is included as Appendix C.

Following receipt and review of the waste characterization data, the five drums were picked up on November 24, 2025, by AARCO for transportation and offsite disposal.

Data Usability

Following receipt and review of the laboratory Level 4 data package, the electronic copies of the analytical results (reports and electronic data deliverables (EDD)) from Pace were reviewed by qualified personnel for preparation of Data Usability Summary Report (DUSR) and EDD validation. The DUSR reported no data rejections and overall data to

[1] Soil sample classification performed as per NYSDEC Division of Environmental Remediation (DER)-10 Section 3.5.1(c)

[2] NYSDEC Commissioner Policy on Soil Cleanup Guidance (CP-51) soil cleanup objectives (SCOs) and supplementary SCOs for gasoline and fuel oil contaminated sites, October 2010

[3] NYSDEC Division of Water Technical and Operational Guidance Series 1.1.1 (TOGS 1.1.1), Source of Drinking Water (groundwater).

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be acceptable. The DUSR is included as Appendix D. After validation, the EDDs were processed and submitted to NYENVDATA on March 4, 2026.

Please let me know if you have any questions or comments.

Sincerely,

Stephen DelGaudio
Geologist
Environmental Assessment & Remediation

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Tables

Table 1 – Soil Analytical Results – Concentrations of VOCs by EPA Method 8260D
Table 2 – Relative Percent Difference of Duplicated Soil Samples
Table 3 – Groundwater Analytical Results – Concentrations of VOCs by EPA Method 8260D
Table 4 – Relative Percent Difference of Duplicated Groundwater Samples
Table 5 – Field Screening Summary

Former Fresh & Clean Laundry
22-26 Railroad Avenue
Glen Head, NY
NYSDEC Site #130111

Soil Analytical Results (ug/Kg)
Pace Analytical Services - New England
Methods: 8260D

Location	Date	PID Reading (ppm)	1,2 Dichlorobenzene	1,2,4 Trimethylbenzene	1,3,5 Trimethylbenzene	Acetone	cis-1,2-Dichloroethene	n Butylbenzene	n Propylbenzene	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethylene	Vinyl Chloride	Total VOCs
SB-NW1_0-5	10/15/2025	1.0	<1.5	<1.5	<1.5	<76	**15**	<1.5	<1.5	**51,000**	**1.5**	**24**	<7.6	**51,041**
SB-NW1_8-10	10/15/2025	89.1	<180	<180	<180	<8,900	**6,300**	<180	<180	<180	**77 JD**	**60 JD**	**180 JD**	**6,617**
SB-NW1-10-12.5	10/16/2025	2.2	<1.4	<1.4	<1.4	**17 J**	**23**	<1.4	<1.4	**18,000**	**2.2**	**38**	<7.2	**18,080**
SB-NW1-12.5-15 *	10/16/2025	148.8	<44,000	<44,000	<44,000	<2,200,000	**45,000**	<44,000	<44,000	**3,200,000**	<44,000	**72,000**	<88,000	**3,317,000**
SB-NW1-15-20	10/16/2025	125.3	**1.2 J**	**5.8**	**1.5 J**	<95	**170**	**1.3 J**	**0.89 J**	**5,500**	**2.4**	**110**	**0.95 J**	**5,794**
SB-SE1_5-10	10/14/2025	1.1	<1.4	<1.4	<1.4	**11 J**	**5.9**	<1.4	<1.4	**6,800**	**0.61 J**	**14**	<6.90	**6,832**
SB-SE1_25-30	10/14/2025	0.0	<1.7	<1.7	<1.7	<85	**0.67 J**	<1.7	<1.7	**5.7**	**0.56 J**	**0.73 J**	<8.5	**8**
SB-SE1_112.5-115	10/16/2025	0.1	<1.9	<1.9	<1.9	<94	<1.9	<1.9	<1.9	**2**	<1.9	<1.9	<9.4	**2**
SB-SW1_0-5	10/15/2025	1.3	<2	<2	<2	<98	**2.2**	<2	<2	**43**	<2	**3.1**	<9.80	**48**
SB-SW1_5-10	10/15/2025	1.7	<1.7	<1.7	<1.7	<83	**2.5**	<1.7	<1.7	**49**	<1.7	**2.8**	<8.3	**54**

Brownfield and Superfund Regulation, 6 NYCRR Remedial Program, Subpart 375-6 Soil Cleanup Objectives (ppm) [referenced by CP-51[1]]	Commercial	**500**	**190**	**190**	**500**	**500**	**500**	**500**	**150**	**500**	**200**	**13**	nv
	Industrial	**1,000**	**380**	**380**	**1,000**	**1,000**	**1,000**	**1,000**	**300**	**1,000**	**400**	**27**	nv
	Protection of groundwater	**1.1**	**3.6**	**8.4**	**0.05**	**0.25**	**12**	**3.9**	**1.3**	**0.19**	**0.47**	**0.02**	nv
	Residential	**100**	**47**	**47**	**100**	**59**	**100**	**100**	**5.5**	**100**	**10**	**0.21**	nv
	Restricted Residential	**100**	**52**	**52**	**100**	**100**	**100**	**100**	**19**	**100**	**21**	**0.9**	nv
	Unrestricted	**1.1**	**3.6**	**8.4**	**0.05**	**0.25**	**12**	**3.9**	**1.3**	**0.19**	**0.47**	**0.02**	nv

[1] NYSDEC Commissioner policy on Soil Cleanup Guidance (CP-51) soil cleanup objectives (SCOs) and supplementary SCOs for gasoline and fuel oil contaminated sites, October 2010
J- result is higher than the method detection limit, but lower than the limit of quantization.
nv - analyzed chemicals with no established values in CP-51
* SB-NW1-12.5-15 required a dilution, due to high concentrations of target compounds.
Orange indicates concentrations above guidance values.

The chemicals listed below were reported below the LRL:

1,1 Dichloroethane
1,1 Dichloroethene
1,1,1 Trichloroethane
1,1,2 Trichloroethane
1,1,2,2 Tetrachloroethane
1,2 Dibromoethane
1,2 Dichloroethane
1,2 Dichloropropane
1,2,3 Trichlorobenzene
1,2,3 Trichloropropane
1,2,4 Trichlorobenzene
1,3 Dichlorobenzene
1,4 Dichlorobenzene
2-Hexanone
4-Methyl-2-Pentanone
Benzene
Bromochloromethane
Bromodichloromethane
Bromoform
Bromomethane
c 1,3 Dichloropropene
Carbon Disulfide
Carbon Tetrachloride
Chlorobenzene
Chloroethane
Chloroform
Chloromethane
Cyclohexane
Cyclohexane, methyl-
Dibromochloromethane
Dibromochloropropane
Dichlorodifluoromethane
Ethylbenzene
Freon 113
Isopropylbenzene
m + p Xylene
Methyl acetate
Methyl Ethyl Ketone
Methylene Chloride
MTBE
Naphthalene
o-Xylene
p Isopropyltoluene
s Butylbenzene
Styrene
t 1,3 Dichloropropene
t Butylbenzene
Toluene
Total BTEX
Trichlorofluoromethane
Xylenes Total

Former Fresh & Clean Laundry
22-26 Railroad Avenue
Glen Head, NY
NYSDEC Siite #130111

ENVIRONMENTAL ASSESSMENT & REMEDIATIONS

Soil Analytical Relative Percent Difference
Volatile Organic Compounds by EPA method 8260D (ug/Kg)

Sample Location	SB-SE1_25-30	SB-X	Relative Percent
Date	10/14/2025	10/14/2025	Difference (%)
1,1 Dichloroethane	<1.7	<1.8	0%
1,1 Dichloroethene	<3.4	<3.6	0%
1,1,1 Trichloroethane	<1.7	<1.8	0%
1,1,2 Trichloroethane	<1.7	<1.8	0%
1,1,2,2 Tetrachloroethane	<0.85	<0.91	0%
1,2 Dibromoethane	<0.85	<0.91	0%
1,2 Dichlorobenzene	<1.7	<1.8	0%
1,2 Dichloroethane	<1.7	<1.8	0%
1,2 Dichloropropane	<1.7	<1.8	0%
1,2,3 Trichlorobenzene	<1.7	<1.8	0%
1,2,3 Trichloropropane	<1.7	<1.8	0%
1,2,4 Trichlorobenzene	<1.7	<1.8	0%
1,2,4 Trimethylbenzene	<1.7	<1.8	0%
1,3 Dichlorobenzene	<1.7	<1.8	0%
1,3,5 Trimethylbenzene	<1.7	<1.8	0%
1,4 Dichlorobenzene	<1.7	<1.8	0%
2-Hexanone	<17	<18	0%
4-Methyl-2-Pentanone	<17	<18	0%
Acetone	<85	<91	0%
Benzene	<1.7	<1.8	0%
Bromochloromethane	<1.7	<1.8	0%
Bromodichloromethane	<1.7	<1.8	0%
Bromoform	<1.7	<1.8	0%
Bromomethane	<8.5	<9.1	0%
c 1,3 Dichloropropene	<0.85	<0.91	0%
Carbon Disulfide	<17	<18	0%
Carbon Tetrachloride	<1.7	<1.8	0%
Chlorobenzene	<1.7	<1.8	0%
Chloroethane	<17	<18	0%
Chloroform	<3.4	<3.6	0%
Chloromethane	<8.5	<9.1	0%
cis-1,2-Dichloroethene	0.67 J	**2**	-
Cyclohexane	<8.5	<9.1	0%
Cyclohexane, methyl-	<1.7	<1.8	0%
Dibromochloromethane	<0.85	<0.91	0%
Dibromochloropropane	<1.7	<1.8	0%
Dichlorodifluoromethane	<17	<18	0%
Ethylbenzene	<1.7	<1.8	0%
Freon 113	<8.5	<9.1	0%
Isopropylbenzene	<1.7	<1.8	0%
m + p Xylene	<3.4	<3.6	0%
Methyl acetate	<1.7	<1.8	0%
Methyl Ethyl Ketone	<34	<36	0%
Methylene Chloride	<17	<18	0%
Moisture, Percent	**4.1**	**4.4**	**7.06%**
n Butylbenzene	<1.7	<1.8	0%
n Propylbenzene	<1.7	<1.8	0%
Naphthalene	<3.4	<3.6	0%
o-Xylene	<1.7	<1.8	0%
p Isopropyltoluene	<1.7	<1.8	0%
s Butylbenzene	<1.7	<1.8	0%
Styrene	<1.7	<1.8	0%
t 1,3 Dichloropropene	<0.85	<0.91	0%
t Butylbenzene	<1.7	<1.8	0%
t butylmethylether	<3.4	<3.6	0%
Tetrachloroethene	**5.7**	**36**	**145.32%**
Toluene	<1.7	<1.8	0%
Total BTEX	<6.8	<7.2	0%
trans-1,2-Dichloroethene	0.56 J	1.8 J	-
Trichloroethylene	0.73 J	**2.3**	-
Trichlorofluoromethane	<8.5	<9.1	0%
Vinyl Chloride	<8.5	<9.1	0%
Xylenes Total	<1.7	<1.8	0%

J- Result is higher than method detection limit, but lower than the limit of quantization.
J values and less than values not used in determining Relative Percent Difference.

Former Fresh & Clean Laundry
22-26 Railroad Avenue
Glen Head, NY
NYSDEC Site #130111

ENVIRONMENTAL ASSESSMENT & REMEDIATIONS

Groundwater Analytical Results (ug/L)
Pace Analytical Services - New England
Methods: 8260D

Location	Date	cis-1,2-Dichloroethene	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethylene	Vinyl Chloride	Total VOCs
Existing Monitoring Well Network							
FCMW-2	10/22/2025	<1	**3.7**	<1	<1	<2	**4**
FCMW-3	10/22/2025	**0.84 J**	**27**	<1	**1.7**	<2	**30**
MW-6	10/22/2025	<1	**1.3**	<1	<1	<2	**1**
Temporary Locations							
Cistern_North	10/16/2025	**3,800**	**3,000**	**46**	**1,200**	**15 J**	**8,061**
Cistern-South	10/14/2025	**1,000**	**21,000**	<200	**1,900**	<400	**23,900**
SB-SE1_115	10/16/2025	**0.22 J**	**7**	<1	**0.27 J**	<2	**7**
SB-SE1_133	10/16/2025	<1	**6.6**	<1	**0.38 J**	<2	**7**
ClassGA Standard[1]		5	5	5	5	2	nv
ClassGA Guidance[1]		nv	nv	nv	nv	nv	nv

[1] NYSDEC Division of Water Technical and Operational Guidance Series 1.1.1 (TOGS 1.1.1), Source Drinking Water (groundwater)
J - Result is higher than the method detection limit, but lower than the limit of quantization
nv - analyzed chemicals with no established values
Orange highlight indicates concentrations above guidance values.

The chemicals listed below were reported below the LRL:

1,1 Dichloroethane
1,1 Dichloroethene
1,1,1 Trichloroethane
1,1,2 Trichloroethane
1,1,2,2 Tetrachloroethane
1,2 Dibromoethane
1,2 Dichlorobenzene
1,2 Dichloroethane
1,2 Dichloropropane
1,2,3 Trichlorobenzene
1,2,3 Trichloropropane
1,2,4 Trichlorobenzene
1,2,4 Trimethylbenzene
1,3 Dichlorobenzene
1,3,5 Trimethylbenzene
1,4 Dichlorobenzene
2-Hexanone
4-Methyl-2-Pentanone
Acetone
Benzene
Bromochloromethane
Bromodichloromethane
Bromoform
Bromomethane
c 1,3 Dichloropropene
Carbon Disulfide
Carbon Tetrachloride
Chlorobenzene
Chloroethane
Chloroform
Chloromethane
Cyclohexane
Cyclohexane, methyl-
Dibromochloromethane
Dibromochloropropane
Dichlorodifluoromethane
Ethylbenzene
Freon 113
Isopropylbenzene
m + p Xylene
Methyl acetate
Methyl Ethyl Ketone
Methylene Chloride
MTBE
n Butylbenzene
n Propylbenzene
Naphthalene
o-Xylene
p Isopropyltoluene
s Butylbenzene
Styrene
t 1,3 Dichloropropene
t Butylbenzene
Toluene
Total BTEX
Trichlorofluoromethane
Xylenes Total

Former Fresh & Clean Laundry
22-26 Railroad Avenue
Glen Head, NY
NYSDEC Site #130111

ENVIRONMENTAL ASSESSMENT & REMEDIATIONS

Groundwater Analytical Relative Percent Difference
Volatile Organic Compounds by EPA method 8260D (ug/L)

Sample Location	MW-6	MW-X	Relative Percent
Date	10/14/2025	10/14/2025	Difference (%)
1,1 Dichloroethane	<1	<1	0%
1,1 Dichloroethene	<1	<1	0%
1,1,1 Trichloroethane	<1	<1	0%
1,1,2 Trichloroethane	<1	<1	0%
1,1,2,2 Tetrachloroethane	<0.5	<0.5	0%
1,2 Dibromoethane	<0.5	<0.5	0%
1,2 Dichlorobenzene	<1	<1	0%
1,2 Dichloroethane	<1	<1	0%
1,2 Dichloropropane	<1	<1	0%
1,2,3 Trichlorobenzene	<5	<5	0%
1,2,3 Trichloropropane	<2	<2	0%
1,2,4 Trichlorobenzene	<1	<1	0%
1,2,4 Trimethylbenzene	<1	<1	0%
1,3 Dichlorobenzene	<1	<1	0%
1,3,5 Trimethylbenzene	<1	<1	0%
1,4 Dichlorobenzene	<1	<1	0%
2-Hexanone	<10	<10	0%
4-Methyl-2-Pentanone	<10	<10	0%
Acetone	<50	<50	0%
Benzene	<1	<1	0%
Bromochloromethane	<1	<1	0%
Bromodichloromethane	<0.5	<0.5	0%
Bromoform	<1	<1	0%
Bromomethane	<2	<5	0%
c 1,3 Dichloropropene	<0.5	<0.5	0%
Carbon Disulfide	<5	<5	0%
Carbon Tetrachloride	<5	<5	0%
Chlorobenzene	<1	<1	0%
Chloroethane	<2	<2	0%
Chloroform	<2	<2	0%
Chloromethane	<2	<2	0%
cis-1,2-Dichloroethene	<1	<1	0%
Cyclohexane	<5	<5	0%
Cyclohexane, methyl-	<1	<1	0%
Dibromochloromethane	<0.5	<0.5	0%
Dibromochloropropane	<5	<5	0%
Dichlorodifluoromethane	<2	<2	0%
Ethylbenzene	<1	<1	0%
Freon 113	<1	<1	0%
Isopropylbenzene	<1	<1	0%
m + p Xylene	<2	<2	0%
Methyl acetate	<1	<2	0%
Methyl Ethyl Ketone	<20	<20	0%
Methylene Chloride	<5	<5	0%
n Butylbenzene	<1	<1	0%
n Propylbenzene	<1	<1	0%
Naphthalene	<2	<2	0%
o-Xylene	<1	<1	0%
p Isopropyltoluene	<1	<1	0%
s Butylbenzene	<1	<1	0%
Styrene	<1	<1	0%
t 1,3 Dichloropropene	<0.5	<0.5	0%
t Butylbenzene	<1	<1	0%
t butylmethylether	<1	<1	0%
Tetrachloroethene	**1.3**	**1.2**	**8.0%**
Toluene	<1	<1	0%
Total BTEX	<4	<4	0%
trans-1,2-Dichloroethene	<1	<1	0%
Trichloroethylene	<1	<1	0%
Trichlorofluoromethane	<2	<2	0%
Vinyl Chloride	<2	<2	0%
Xylenes Total	<1	<1	0%

J- Result is higher than method detection limit, but lower than the limit of quantization.
J values and less than values not used in determining Relative Percent Difference.

Former Fresh & Clean Laundry
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Glen Head, NY
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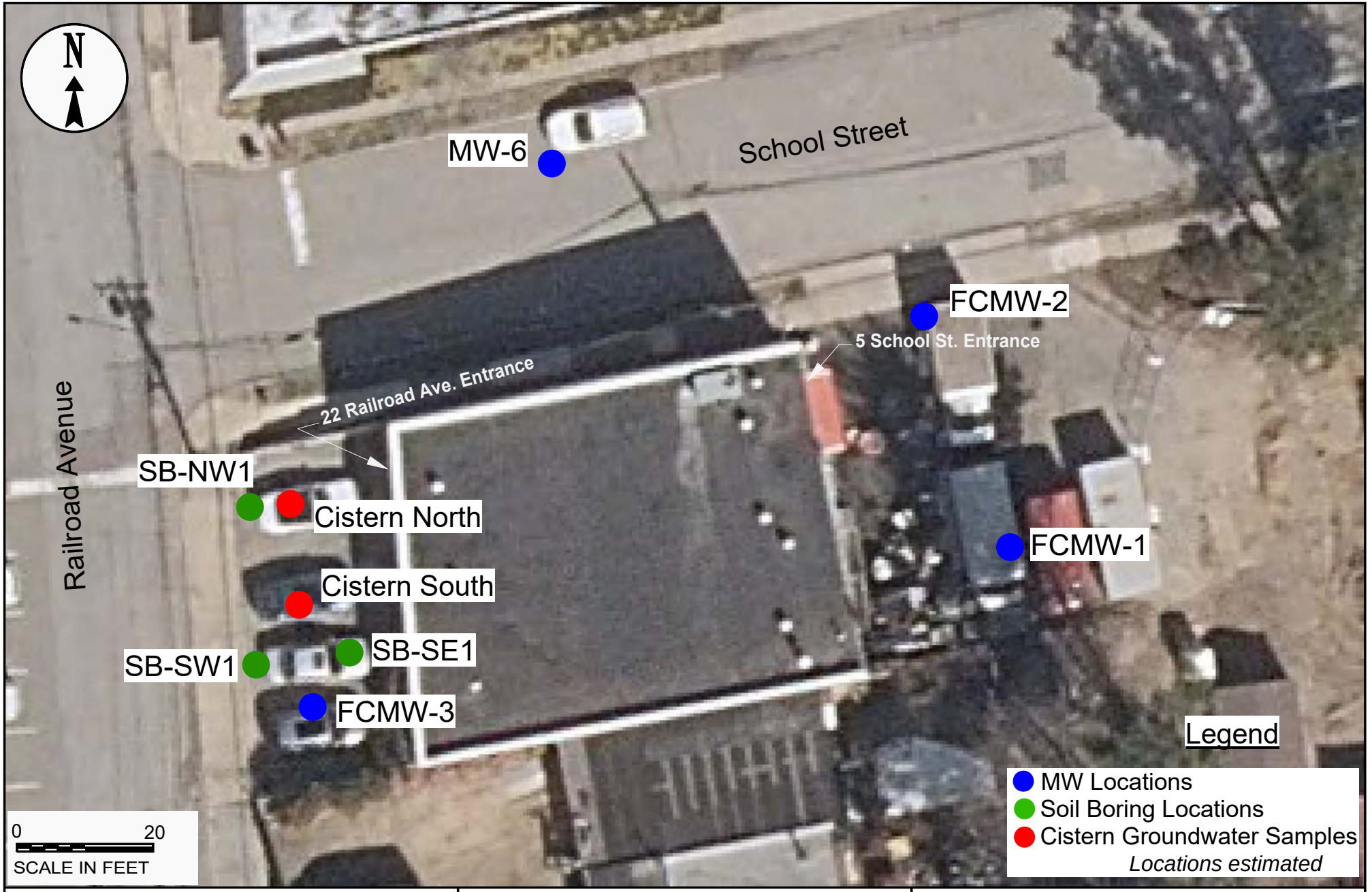
Field Screening Summary

Location	Date	Dissolved Oxygen (mg/L)	Temperature (°F)	pH	Oxidation Reduction Potential (mV)	Conductivity (uS)	Turbidity (NTU)
FCMW-2	10/22/2025	2.54	14.81	5.88	333	417	57.8
FCMW-3	10/22/2025	1.28	15.01	5.75	345	400	148
MW-6	10/22/2025	3.24	15.43	6.31	292	381	108
SB-SE1_115	10/16/2025	6.17	14.83	6.95	46	623	1000+
SB-SE1_133	10/16/2025	5.22	15.02	6.91	62	610	1000+

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Figures

Figure 1 – Site Map
Figure 2 – Soil Analytical Results October 2025
Figure 3 – Groundwater Analytical Results October 2025



ENVIRONMENTAL ASSESSMENT & REMEDIATIONS

Figure 1
Site Map

Former Fresh & Clean Laundry
22-26 Railroad Avenue
Glen Head, NY 11545
NYSDEC Spill #130111



Location	cis-1,2-Dichloroethene	Tetrachloroethene	Trichloroethylene
SB-NW1_0-5	15	51,000	24
SB-NW1_8-10	6,300	<180	60 JD
SB-NW1-10-12.5	23	18,000	38
SB-NW1-12.5-15 *	45,000	3,200,000	72,000
SB-NW1-15-20	170	5,500	110
SB-SE1_5-10	5.9	6,800	14

ENVIRONMENTAL ASSESSMENT & REMEDIATIONS

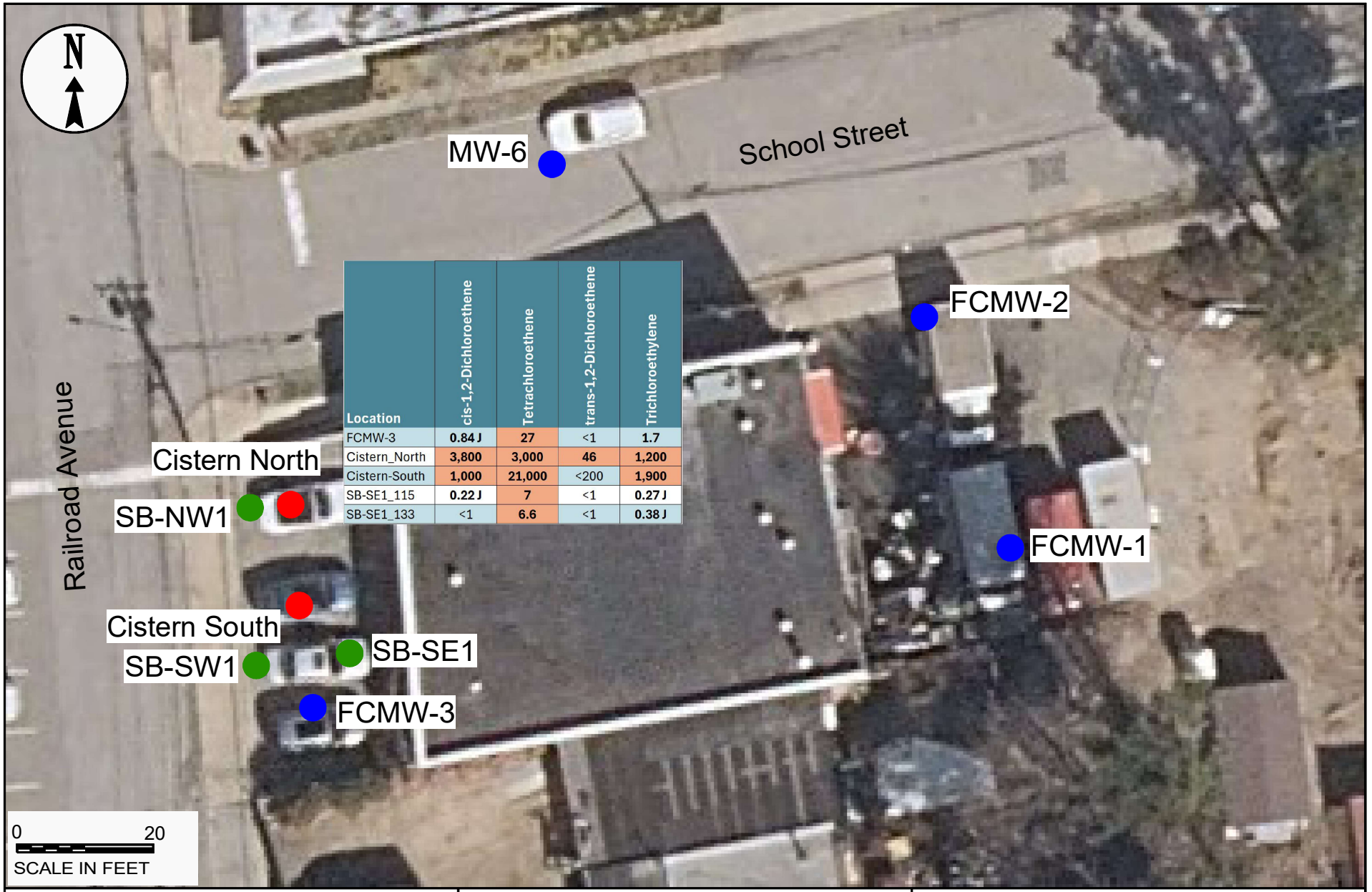
Figure 2

October 2025

Soil Analytical Results (ug/Kg)

Guidance Value Exceedance

Former Fresh & Clean Laundry
22-26 Railroad Avenue
Glen Head, NY 11545
NYSDEC Spill #130111



Location	cis-1,2-Dichloroethene	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethylene
FCMW-3	0.84 J	27	<1	1.7
Cistern_North	3,800	3,000	46	1,200
Cistern-South	1,000	21,000	<200	1,900
SB-SE1_115	0.22 J	7	<1	0.27 J
SB-SE1_133	<1	6.6	<1	0.38 J

ENVIRONMENTAL ASSESSMENT & REMEDIATIONS

Figure 3

October 2025

Groundwater Analytical Results (ug/L)

Guidance Value Exceedance

Former Fresh & Clean Laundry
22-26 Railroad Avenue
Glen Head, NY 11545
NYSDEC Spill #130111

A LaBella Company

Appendix A

Drill Logs

225 Atlantic Avenue
Patchogue, New York 11772
Tel (631) 447-6400
Fax (631) 447-6497
Email Info@Enviro-Asmnt.com
www.Enviro-Asmnt.com

Installation Date 10/14/2025

DRILLING LOG - Temporary Borehole Installation

DRILLING DETAILS

PROJECT/SITE NAME	Former Fresh & Clean Laundry
SITE ADDRESS	22-26 Railroad Avenue Glen Head, NY
SITE ID NUMBER	NYSDEC Site #130111
BORING I.D.	SB-SE1
PURPOSE	Lithology logging
DRILLING METHOD	Direct Push - Macro Core (MC)
DRILLING COMPANY	AARCO
HEAD DRILLER	J. Galarza
LOGGED BY	S. DelGaudio
BOREHOLE DIAMETER	3"
DEPTH-TO-WATER	113'
TOTAL BORING DEPTH	133'

SOIL SAMPLING

Type: 5' Macro Core (MC), soil from 5'-10', 25'-30', and 112.5'-115' were submitted for laboratory analysis.

GROUNDWATER SAMPLING

Type: Groundwater samples were collected using a temporary 1" PVC well with a 1' screen. Samples were collected from 115' and 133'

BACKFILL	Grout via tremmie pipe
FINISH	Asphalt to match existing
COMMENTS	SB-SE1 is 13'3" North of FC-MW-3, 8'0" East of Cistern_South, and 17'10" SouthEast of Cistern_North

Depth Below Grade	Soil Lithology/Field Observations: Description/Classification	Sample Type	Screening Interval	PID Reading	Percent Recovery
0'-5'	Post hole clearing via hand auger - Brown medium sand, little coarse sand, trace fine sand, dry, no odor.	PH	0'-5'	0.0 ppm	-
5'-10'	1.3' Brown medium sand, little coarse sand, trace fine sand, moist, no odor.	MC	5'-10'	1.1 ppm	26%
10'-15'	0.9' Brown fine sand, little medium sand, moist, no odor. 0.8' Grey fine sand, little silt, trace clay, moist, no odor. 1.3' Light brown medium and coarse sand, trace very coarse sand, trace fine gravel, dry, no odor.	MC	10'-15'	0.4 ppm	60%
15'-20'	0.8' Brown fine sand, little silt, trace medium sand, wet, no odor. 2.0' Tan medium sand, little coarse sand, trace fine sand, trace very coarse sand, orange laminations, dry, no odor.	MC	15'-20'	0.0 ppm	56%
20'-25'	1.3' Tan medium sand, little coarse sand, trace very coarse sand, trace fine sand, trace fine gravel, dry, no odor. 1.5' Light tan medium sand, little coarse sand, trace very coarse sand, trace fine gravel, dry, no odor.	MC	20'-25'	0.0 ppm	56%
25'-30'	2.0' Brown medium sand, little fine gravel, trace coarse sand, dry, no odor. 0.1' Brown silt, little medium sand, trace fine sand, dry, no odor. 0.5' Brown / tan medium sand, trace fine sand, orange laminations, dry, no odor.	MC	25'-27.5' 27.5'-30'	0.0 ppm 0.0 ppm	52%
30'-35'	1.0' Brown medium sand, little coarse sand, trace very coarse sand, dry, no odor. 2.0' Tan medium sand, little coarse sand, trace fine sand, trace fine gravel, dry, no odor.	MC	30'-32.5' 32.5'-35'	0.0 ppm 0.0 ppm	60%
35'-40'	1.6' Brown medium sand, trace fine sand, trace coarse sand, dry, no odor. 1.8' Tan medium sand, trace fine sand, trace fine gravel, dry, no odor. 1.3' Tan medium sand, little fine sand, trace coarse sand, orange laminations, dry, no odor.	MC	35'-37.5' 37.5'-40'	0.0 ppm 0.0 ppm	94%

"Trace", 1 - 10% "Some", 20 - 30%
"Little", 10 - 20% "And", 30 - 50%

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DRILLING LOG - Temporary Borehole Installation

Boring I.D. SB-SE1

Depth Below Grade	Soil Lithology/Field Observations				
	Description/Classification	Sample Type	Screening Interval	PID Reading	Percent Recovery
40'-45'	2.1' Tan medium sand, little fine sand, trace coarse sand, orange laminations, dry,	MC	40'-42.5'	0.0 ppm	96%
	no odor.		42.5'-45'	0.0 ppm	
	0.4' Brown medium sand, little coarse sand, trace fine gravel, dry, no odor.				
	2.3' Brown medium sand, little coarse sand, trace very coarse sand, trace fine gravel,				
	dry, no odor.				
45'-50'	3.7' Brown medium sand, trace coarse sand, trace fine gravel, dry, no odor.	MC	45'-47.5'	0.0 ppm	100%
	1.3' Brown / tan medium sand, trace coarse sand, trace fine gravel, dry, no odor.		47.5'-50'	0.0 ppm	
50'-55'	3.4' Brown medium sand, trace coarse sand, trace fine gravel, dry, no odor.	MC	50'-52.5'	0.0 ppm	68%
			52.5'-55'	0.0 ppm	
55'-60'	3.3' Brown medium sand, trace coarse sand, trace fine gravel, dry, no odor.	MC	55'-57.5'	0.0 ppm	66%
			57.5'-60'	0.0 ppm	
60'-65'	0.3' Brown silty fine sand, little medium sand, moist, no odor.	MC	60'-65'	0.0 ppm	52%
	0.3' Tan medium sand, little fine sand, dry, no odor.				
	0.8' Light tan medium sand, trace fine sand, trace coarse sand, dry, no odor.				
	0.2' Tan medium sand, little fine sand, dry, no odor.				
	1.0' Light tan medium sand, trace fine sand, trace coarse sand, dry, no odor.				
65'-70'	1.0' Tan medium sand, little fine sand, dry, no odor.	MC	65'-67.5'	0.0 ppm	80%
	3.0' Tan medium sand, trace coarse sand, trace very coarse sand, dry, no odor.		67.5-70'	0.0 ppm	
70'-75'	0.2' Brown medium sand, little fine sand, trace coarse sand, dry, no odor.	MC	70'-72.5'	0.0 ppm	68%
	3.2' Tan medium sand, trace coarse sand, trace fine sand, dry, no odor.		72.5'-75'	0.0 ppm	
75'-80'	0.2' Brown medium sand, trace coarse sand, trace very coarse sand, trace fine sand,	MC	75'-77.5'	0.0 ppm	90%
	dry, no odor.		77.5-80'	0.0 ppm	
	0.4' Tan medium sand, trace coarse sand, dry, no odor.				
	0.9' Dark tan medium sand, little fine sand, dry, no odor.				
	0.4' Tan medium sand, trace fine sand, dry, no odor.				
	2.6' Tan medium sand, trace coarse sand, trace very coarse sand, orange laminations,				
	dry, no odor.				
80'-85'	1.0' Brown medium sand, trace fine sand, trace coarse sand, moist, no odor.	MC	80'-82.5'	0.0 ppm	72%
	0.1' Brown fine sand, little medium sand, moist, no odor.		82.5'-85'	0.2 ppm	
	0.6' Tan medium sand, trace fine sand, trace coarse sand, orange laminations, dry,				
	no odor.				
	0.3' Tan medium sand, little coarse sand, trace very coarse sand, trace fine gravel,				
	dry, no odor.				
	0.5' Tan medium sand, trace fine sand, trace coarse sand, orange laminations, dry,				
	no odor.				
	1.1' Light tan medium sand, little coarse sand, trace fine gravel, dry, no odor.				
85'-90'	0.9' Brown medium sand, trace fine sand, trace coarse sand, moist, no odor.	MC	85'-87.5'	0.0 ppm	92%
	3.7' Tan medium sand, trace coarse sand, trace very coarse sand, trace fine gravel,		87.5-90'	0.0 ppm	
	dark laminations, dry, no odor.				

"Trace", 1 - 10% "Some", 20 - 30%
"Little", 10 - 20% "And", 30 - 50%

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Installation Date 10/14/2025

DRILLING LOG - Temporary Borehole Installation

Boring I.D. SB-SE1

Depth Below Grade	Soil Lithology/Field Observations				
	Description/Classification	Sample Type	Screening Interval	PID Reading	Percent Recovery
90'-95'	1.4' Brown medium sand, trace coarse sand, moist, no odor.	MC	90'-92.5'	0.1 ppm	98%
	0.5' Tan medium sand, trace fine sand, dry, no odor.		92.5'-95'	0.3 ppm	
	3.0' Tan medium sand, trace coarse sand, trace very coarse sand, trace fine gravel, dry, no odor.				
95'-100'	1.9' Brown medium sand, trace coarse sand, moist, no odor.	MC	95'-97.5'	0.0 ppm	98%
	3.0' Tan medium sand, trace coarse sand, trace very coarse sand, dry, no odor.		97.5'-100'	0.0 ppm	
100'-105'	1.6' Brown medium sand, trace coarse sand, trace fine sand, dry, no odor.	MC	100'-102.5'	0.0 ppm	90%
	0.2' Tan medium sand, trace fine sand, dry, no odor.		102.5'-105'	0.0 ppm	
	2.7' Tan medium sand, trace coarse sand, dry, no odor.				
105'-110'	0.2' Brown medium sand, trace fine sand, moist, no odor.	MC	105'-107.5'	0.1 ppm	90%
	0.1' Tan medium sand, trace coarse sand, dry, no odor.		107.5'-110'	0.1 ppm	
	2.0' Brown medium sand, trace coarse sand, moist, no odor.				
	2.2' Tan medium sand, trace coarse sand, trace very coarse sand, trace fine sand, dry, no odor.				
110'-115'	2.4' Brown medium sand, trace coarse sand, moist, no odor.	MC	110'-112.5'	0.0 ppm	78%
	0.3' Brown medium sand, little fine sand, trace coarse sand, moist, no odor.		112.5'-115'	0.1 ppm	
	1.2' Brown medium sand, trace fine sand, trace coarse sand, trace fine gravel, wet, no odor.				

"Trace", 1 - 10% "Some", 20 - 30%
"Little", 10 - 20% "And", 30 - 50%

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Installation Date 10/15/2025

DRILLING LOG - Temporary Borehole Installation

DRILLING DETAILS

PROJECT/SITE NAME	Former Fresh & Clean Laundry
SITE ADDRESS	22-26 Railroad Avenue Glen Head, NY
SITE ID NUMBER	NYSDEC Site #130111
BORING I.D.	SB-NW1
PURPOSE	Lithology logging
DRILLING METHOD	Direct Push - Macro Core (MC)
DRILLING COMPANY	AARCO
HEAD DRILLER	J. Galarza
LOGGED BY	S. DelGaudio
BOREHOLE DIAMETER	3"
DEPTH-TO-WATER	N/A
TOTAL BORING DEPTH	30'

SOIL SAMPLING
Type 5' Macro Core (MC), soil from 10'-12.5', 12.5'-15', and 15'-20' was submitted for laboratory analysis.

GROUNDWATER SAMPLING
Type N/A

BACKFILL	Grout via tremmie pipe
FINISH	Asphalt to match existing
COMMENTS	SB-NW1 is located 5'8" West of Cistern_North, 8'10" SouthEast of utility pole on the corner of Railroad Ave and School St, and 13'2" NorthWest of Cistern_South

Depth Below Grade	Soil Lithology/Field Observations: Description/Classification	Sample Type	Screening Interval	PID Reading	Percent Recovery
0'-5'	Post hole clearing via hand auger - Brown medium sand, trace coarse sand, trace very coarse sand, trace gravel,	PH	0'-5'	1.0 ppm	-
5'-10'	2.1' Brown medium sand, little fine sand, trace silt, wet, no odor.	MC	5'-7.5'	0.0 ppm	78%
	1.8' Grey medium sand, little fine sand, trace silt, wet, odor.		7.5'-10'	89.1 ppm	
10'-15'	1.5' Brown medium sand, little coarse sand, moist, no odor.	MC	10'-12.5'	2.2 ppm	90%
	0.6' Brown medium sand, little coarse sand, trace very coarse sand, trace fine gravel, moist, no odor.		12.5'-15'	148.8 ppm	
	0.1' Black medium sand, trace coarse sand, trace fine gravel, moist, odor.				
	1.0' Grey medium sand, trace fine sand, trace silt, moist, odor.				
	0.2' Black medium sand, trace coarse sand, trace fine gravel, moist, odor.				
	1.1' Brown medium and coarse sand, little fine gravel, dry, no odor.				
15'-20'	0.4' Brown medium sand, trace coarse sand, trace fine gravel, moist, no odor.	MC	15'-20'	125.3 ppm	58%
	0.5' Grey medium and fine sand, trace silt, trace fine gravel, moist, odor.				
	2.0' Brown medium sand, little coarse sand, trace fine gravel, trace very coarse sand, moist, no odor.				
20'-25'	1.5' Brown medium sand, trace coarse sand, trace fine gravel, moist, no odor.	MC	20'-22.5'	0.3 ppm	70%
	2.0' Brown medium sand, some coarse sand, trace very coarse sand, trace fine gravel, dry, no odor.		22.5'-25'	0.1 ppm	
25'-30'	1.2' Brown medium sand, trace coarse sand, trace fine gravel, dry, no odor.	MC	25'-27.5'	0.1 ppm	66%
	2.1' Brown medium sand, little coarse sand, little fine gravel, dry, no odor.		27.5-30'	0.1 ppm	

"Trace", 1 - 10% "Some", 20 - 30%
"Little", 10 - 20% "And", 30 - 50%

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Installation Date 10/15/2025

DRILLING LOG - Temporary Borehole Installation

DRILLING DETAILS

PROJECT/SITE NAME	Former Fresh & Clean Laundry
SITE ADDRESS	22-26 Railroad Avenue Glen Head, NY
SITE ID NUMBER	NYSDEC Site #130111
BORING I.D.	SB-SW1
PURPOSE	Lithology logging
DRILLING METHOD	Direct Push - Macro Core (MC)
DRILLING COMPANY	AARCO
HEAD DRILLER	J. Galarza
LOGGED BY	S. DelGaudio
BOREHOLE DIAMETER	3"
DEPTH-TO-WATER	N/A
TOTAL BORING DEPTH	10'

SOIL SAMPLING
Type: 5' Macro Core (MC), soil from 5'-10' was submitted for laboratory analysis

GROUNDWATER SAMPLING
Type: N/A

BACKFILL	Grout via tremmie pipe
FINISH	Asphalt to match existing
COMMENTS	SB-SW1 is located 15'4" NorthWest of FC-MW-3, 5'10" West of Cistern_South, and 16'8" SouthWest of Cistern_North.

Depth Below Grade	Soil Lithology/Field Observations Description/Classification	Sample Type	Screening Interval	PID Reading	Percent Recovery
0'-5'	Post hole clearing via hand auger - Brown medium sand, trace coarse sand, trace very coarse sand, trace gravel, dry, no odor.	PH	0'-5'	1.3 ppm	-
5'-10'	1.3' Brown medium and fine sand, trace silt, wet, no odor.	MC	5'-10'	1.7 ppm	26%

"Trace", 1 - 10% "Some", 20 - 30%
"Little", 10 - 20% "And", 30 - 50%

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Appendix B

Laboratory Reports

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

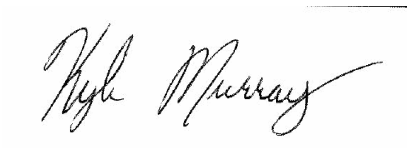
December 1, 2025

Joseph Jones
NYDEC_Environmental Assessment & Remediation
225 Atlantic Avenue
Patchogue, NY 11772

Project Location: Glen Head, NY
Client Job Number:
Project Number: 130111
Laboratory Work Order Number: 25J1054

Enclosed are results of analyses for samples as received by the laboratory on October 16, 2025. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kyle A. Murray
Project Manager

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B415668 26

B415670 33

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Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

NYDEC_Environmental Assessment & Remediation
225 Atlantic Avenue
Patchogue, NY 11772
ATTN: Joseph Jones

REPORT DATE: 12/1/2025

PURCHASE ORDER NUMBER: 152705

PROJECT NUMBER: 130111

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 25J1054

The results of analyses performed on the following samples submitted to Pace Analytical Services, LLC - East Longmeadow, Ma, are found in this report.

PROJECT LOCATION: Glen Head, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
Field Blank	25J1054-01	Field Blank		SW-846 8260D	
Trip Blank	25J1054-02	Trip Blank Water		SW-846 8260D	
Cistern-South	25J1054-03	Ground Water		SW-846 8260D	
SB-SE1_5-10	25J1054-04	Soil		SM 2540G	
				SW-846 8260D	
SB-SE1_25-30	25J1054-05	Soil		SM 2540G	
				SW-846 8260D	
SB-X	25J1054-06	Soil		SM 2540G	
				SW-846 8260D	

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

For any Soil analysis, the Method Blank, LCS, and LCSD are reported on a 100% solids basis.

REVISED REPORT - 12/1/25 - Sample IDs updated to SB-SE1, per client.

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

SW-846 8260D

Qualifications:

L-02

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

Analyte & Samples(s) Qualified:

Chloromethane

B415670-BS1, B415670-BSD1, S127492-CCV1

L-07

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:

Acetone

B415658-BSD1

Bromochloromethane

B415670-BSD1

Cyclohexane

B415670-BSD1

Methyl Cyclohexane

B415670-BSD1

MS-24

Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.

Analyte & Samples(s) Qualified:

Bromoform

B415668-MS1

Bromomethane

B415668-MS1

Chlorodibromomethane

B415668-MS1

R-05

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

Analyte & Samples(s) Qualified:

Dichlorodifluoromethane (Freon 12)

B415670-BLK1, B415670-BS1, B415670-BSD1, S127492-CCV1

RL-11

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

25J1054-03[Cistern-South]

V-05

Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Analyte & Samples(s) Qualified:

Bromomethane

25J1054-01[Field Blank], 25J1054-02[Trip Blank], 25J1054-03[Cistern-South], B415658-BLK1, B415658-BS1, B415658-BSD1, S127496-CCV1

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

V-20

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

Bromochloromethane
B415658-BS1, B415658-BSD1, B415670-BS1, B415670-BSD1, S127492-CCV1, S127496-CCV1

Bromoform
B415668-BS1, B415668-BSD1, B415668-MS1, B415668-MSD1, S127412-CCV1

Bromomethane
B415668-BS1, B415668-BSD1, B415668-MS1, B415668-MSD1, S127412-CCV1

Chloromethane
B415658-BS1, B415658-BSD1, B415670-BS1, B415670-BSD1, S127492-CCV1, S127496-CCV1

Dichlorodifluoromethane (Freon 12)
B415670-BS1, B415670-BSD1, S127492-CCV1

Methyl Cyclohexane
B415670-BS1, B415670-BSD1, S127492-CCV1

V-34

Initial calibration verification (ICV) did not meet method specifications and was biased on the low side for this compound. Reported result is estimated.

Analyte & Samples(s) Qualified:

Bromomethane
25J1054-04[SB-SE1_5-10], 25J1054-05[SB-SE1_25-30], 25J1054-06[SB-X], B415668-BLK1, B415668-BS1, B415668-BSD1, B415668-MS1, B415668-MSD1, S127412-CCV1

Vinyl Chloride
25J1054-04[SB-SE1_5-10], 25J1054-05[SB-SE1_25-30], 25J1054-06[SB-X], B415668-BLK1, B415668-BS1, B415668-BSD1, B415668-MS1, B415668-MSD1, S127412-CCV1

V-36

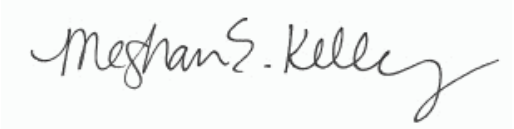
Initial calibration verification (ICV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

Acetone
B415668-BS1, B415668-BSD1, B415668-MS1, B415668-MSD1, S127412-CCV1

Methyl Acetate
B415668-BS1, B415668-BSD1, B415668-MS1, B415668-MSD1, S127412-CCV1

The results of analyses reported only relate to samples submitted to Pace Analytical Services, LLC - East Longmeadow, Ma, for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Meghan E. Kelley
Reporting Specialist

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Glen Head, NY | Sample Description: | Work Order: 25J1054

Date Received: 10/16/2025

Field Sample #: Field Blank | Sampled: 10/14/2025 14:30

Sample ID: 25J1054-01

Sample Matrix: Field Blank

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	1.9	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
Benzene	ND	1.0	0.19	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
Bromochloromethane	ND	1.0	0.34	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
Bromoform	ND	1.0	0.32	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
Bromomethane	ND	2.0	0.91	µg/L	1	V-05	SW-846 8260D	10/20/25	10/21/25 23:15	MFF
2-Butanone (MEK)	ND	20	1.5	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
sec-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
tert-Butylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
Carbon Tetrachloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
Chlorodibromomethane	ND	0.50	0.12	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
Chloroethane	ND	2.0	0.43	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
Chloromethane	ND	2.0	0.39	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
Cyclohexane	ND	5.0	1.3	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.62	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.12	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
1,4-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.23	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
1,1-Dichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
1,2-Dichloroethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
1,1-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.19	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.19	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
1,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
trans-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
Ethylbenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.16	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.14	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
Methyl Acetate	ND	1.0	0.40	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.11	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
Methyl Cyclohexane	ND	1.0	0.17	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
Methylene Chloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.2	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
Naphthalene	ND	2.0	0.21	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
n-Propylbenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
Styrene	ND	1.0	0.16	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Glen Head, NY | Sample Description: | Work Order: 25J1054

Date Received: 10/16/2025

Field Sample #: Field Blank | Sampled: 10/14/2025 14:30

Sample ID: 25J1054-01

Sample Matrix: Field Blank

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	0.11	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
Tetrachloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.21	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
Trichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.16	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
1,2,3-Trichloropropane	ND	2.0	0.23	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.15	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
Vinyl Chloride	ND	2.0	0.22	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
m+p Xylene	ND	2.0	0.30	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
o-Xylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:15	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	99.7	70-130		10/21/25 23:15
Toluene-d8	99.4	70-130		10/21/25 23:15
4-Bromofluorobenzene	91.2	70-130		10/21/25 23:15

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Glen Head, NY | Sample Description: | Work Order: 25J1054

Date Received: 10/16/2025

Field Sample #: Trip Blank | Sampled: 10/14/2025 10:00

Sample ID: 25J1054-02

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	1.9	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
Benzene	ND	1.0	0.19	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
Bromochloromethane	ND	1.0	0.34	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
Bromoform	ND	1.0	0.32	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
Bromomethane	ND	2.0	0.91	µg/L	1	V-05	SW-846 8260D	10/20/25	10/21/25 23:42	MFF
2-Butanone (MEK)	ND	20	1.5	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
sec-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
tert-Butylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
Carbon Tetrachloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
Chlorodibromomethane	ND	0.50	0.12	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
Chloroethane	ND	2.0	0.43	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
Chloromethane	ND	2.0	0.39	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
Cyclohexane	ND	5.0	1.3	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.62	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.12	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
1,4-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.23	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
1,1-Dichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
1,2-Dichloroethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
1,1-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.19	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.19	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
1,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
trans-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
Ethylbenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.16	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.14	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
Methyl Acetate	ND	1.0	0.40	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.11	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
Methyl Cyclohexane	ND	1.0	0.17	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
Methylene Chloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.2	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
Naphthalene	ND	2.0	0.21	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
n-Propylbenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
Styrene	ND	1.0	0.16	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Glen Head, NY | Sample Description: | Work Order: 25J1054

Date Received: 10/16/2025

Field Sample #: Trip Blank | Sampled: 10/14/2025 10:00

Sample ID: 25J1054-02

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	0.11	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
Tetrachloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.21	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
Trichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.16	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
1,2,3-Trichloropropane	ND	2.0	0.23	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.15	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
Vinyl Chloride	ND	2.0	0.22	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
m+p Xylene	ND	2.0	0.30	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
o-Xylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	10/20/25	10/21/25 23:42	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	99.7	70-130		10/21/25 23:42
Toluene-d8	98.9	70-130		10/21/25 23:42
4-Bromofluorobenzene	88.9	70-130		10/21/25 23:42

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Glen Head, NY | Sample Description: | Work Order: 25J1054

Date Received: 10/16/2025

Field Sample #: Cistern-South | Sampled: 10/14/2025 10:08

Sample ID: 25J1054-03

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10000	380	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
Benzene	ND	200	37	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
Bromochloromethane	ND	200	68	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
Bromodichloromethane	ND	100	27	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
Bromoform	ND	200	63	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
Bromomethane	ND	400	180	µg/L	200	V-05	SW-846 8260D	10/20/25	10/22/25 4:07	MFF
2-Butanone (MEK)	ND	4000	290	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
n-Butylbenzene	ND	200	29	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
sec-Butylbenzene	ND	200	29	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
tert-Butylbenzene	ND	200	27	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
Carbon Disulfide	ND	1000	310	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
Carbon Tetrachloride	ND	1000	35	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
Chlorobenzene	ND	200	23	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
Chlorodibromomethane	ND	100	24	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
Chloroethane	ND	400	86	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
Chloroform	ND	400	28	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
Chloromethane	ND	400	77	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
Cyclohexane	ND	1000	260	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	1000	120	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
1,2-Dibromoethane (EDB)	ND	100	25	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
1,2-Dichlorobenzene	ND	200	26	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
1,3-Dichlorobenzene	ND	200	27	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
1,4-Dichlorobenzene	ND	200	28	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
Dichlorodifluoromethane (Freon 12)	ND	400	45	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
1,1-Dichloroethane	ND	200	37	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
1,2-Dichloroethane	ND	200	56	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
1,1-Dichloroethylene	ND	200	31	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
cis-1,2-Dichloroethylene	1000	200	38	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
trans-1,2-Dichloroethylene	ND	200	38	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
1,2-Dichloropropane	ND	200	40	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
cis-1,3-Dichloropropene	ND	100	32	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
trans-1,3-Dichloropropene	ND	100	32	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
Ethylbenzene	ND	200	23	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
2-Hexanone (MBK)	ND	2000	250	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
Isopropylbenzene (Cumene)	ND	200	32	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
p-Isopropyltoluene (p-Cymene)	ND	200	28	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
Methyl Acetate	ND	200	81	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
Methyl tert-Butyl Ether (MTBE)	ND	200	22	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
Methyl Cyclohexane	ND	200	34	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
Methylene Chloride	ND	1000	33	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
4-Methyl-2-pentanone (MIBK)	ND	2000	240	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
Naphthalene	ND	400	41	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
n-Propylbenzene	ND	200	22	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
Styrene	ND	200	31	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Glen Head, NY | Sample Description: | Work Order: 25J1054

Date Received: 10/16/2025

Field Sample #: Cistern-South | Sampled: 10/14/2025 10:08

Sample ID: 25J1054-03

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	100	23	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
Tetrachloroethylene	21000	200	29	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
Toluene	ND	200	22	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
1,2,3-Trichlorobenzene	ND	1000	41	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
1,2,4-Trichlorobenzene	ND	200	36	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
1,1,1-Trichloroethane	ND	200	31	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
1,1,2-Trichloroethane	ND	200	30	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
Trichloroethylene	1900	200	31	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
Trichlorofluoromethane (Freon 11)	ND	400	32	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
1,2,3-Trichloropropane	ND	400	47	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	200	29	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
1,2,4-Trimethylbenzene	ND	200	30	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
1,3,5-Trimethylbenzene	ND	200	31	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
Vinyl Chloride	ND	400	43	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
m+p Xylene	ND	400	61	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
o-Xylene	ND	200	32	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF
Xylenes (total)	ND	200	200	µg/L	200		SW-846 8260D	10/20/25	10/22/25 4:07	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	102	70-130		10/22/25 4:07
Toluene-d8	98.3	70-130		10/22/25 4:07
4-Bromofluorobenzene	90.8	70-130		10/22/25 4:07

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Glen Head, NY | Sample Description: | Work Order: 25J1054

Date Received: 10/16/2025

Field Sample #: SB-SE1_5-10 | Sampled: 10/14/2025 12:11

Sample ID: 25J1054-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.011	0.069	0.0092	mg/Kg dry	1	J	SW-846 8260D	10/20/25	10/20/25 8:03	MFF
Benzene	ND	0.0014	0.00049	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
Bromochloromethane	ND	0.0014	0.00068	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
Bromodichloromethane	ND	0.0014	0.00047	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
Bromoform	ND	0.0014	0.00079	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
Bromomethane	ND	0.0069	0.0011	mg/Kg dry	1	V-34	SW-846 8260D	10/20/25	10/20/25 8:03	MFF
2-Butanone (MEK)	ND	0.028	0.0060	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
n-Butylbenzene	ND	0.0014	0.00047	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
sec-Butylbenzene	ND	0.0014	0.00051	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
tert-Butylbenzene	ND	0.0014	0.00046	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
Carbon Disulfide	ND	0.014	0.0084	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
Carbon Tetrachloride	ND	0.0014	0.00056	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
Chlorobenzene	ND	0.0014	0.00047	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
Chlorodibromomethane	ND	0.00069	0.00063	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
Chloroethane	ND	0.014	0.00099	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
Chloroform	ND	0.0028	0.00046	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
Chloromethane	ND	0.0069	0.00094	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
Cyclohexane	ND	0.0069	0.0028	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0014	0.00058	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
1,2-Dibromoethane (EDB)	ND	0.00069	0.00049	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
1,2-Dichlorobenzene	ND	0.0014	0.00043	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
1,3-Dichlorobenzene	ND	0.0014	0.00041	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
1,4-Dichlorobenzene	ND	0.0014	0.00042	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.014	0.00078	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
1,1-Dichloroethane	ND	0.0014	0.00043	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
1,2-Dichloroethane	ND	0.0014	0.00049	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
1,1-Dichloroethylene	ND	0.0028	0.00066	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
cis-1,2-Dichloroethylene	0.0059	0.0014	0.00049	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
trans-1,2-Dichloroethylene	0.00061	0.0014	0.00044	mg/Kg dry	1	J	SW-846 8260D	10/20/25	10/20/25 8:03	MFF
1,2-Dichloropropane	ND	0.0014	0.00045	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
cis-1,3-Dichloropropene	ND	0.00069	0.00060	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
trans-1,3-Dichloropropene	ND	0.00069	0.00056	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
Ethylbenzene	ND	0.0014	0.00038	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
2-Hexanone (MBK)	ND	0.014	0.0054	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
Isopropylbenzene (Cumene)	ND	0.0014	0.00045	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0014	0.00043	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
Methyl Acetate	ND	0.0014	0.00091	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0028	0.00055	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
Methyl Cyclohexane	ND	0.0014	0.00048	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
Methylene Chloride	ND	0.014	0.00049	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.014	0.0067	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
Naphthalene	ND	0.0028	0.00070	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
n-Propylbenzene	ND	0.0014	0.00046	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
Styrene	ND	0.0014	0.00044	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Glen Head, NY | Sample Description: | Work Order: 25J1054

Date Received: 10/16/2025

Field Sample #: SB-SE1_5-10 | Sampled: 10/14/2025 12:11

Sample ID: 25J1054-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.00069	0.00062	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
Tetrachloroethylene	6.8	0.31	0.046	mg/Kg dry	10		SW-846 8260D	10/20/25	10/21/25 17:30	MFF
Toluene	ND	0.0014	0.00038	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
1,2,3-Trichlorobenzene	ND	0.0014	0.00055	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
1,2,4-Trichlorobenzene	ND	0.0014	0.00046	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
1,1,1-Trichloroethane	ND	0.0014	0.00049	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
1,1,2-Trichloroethane	ND	0.0014	0.00037	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
Trichloroethylene	0.014	0.0014	0.00045	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0069	0.00093	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
1,2,3-Trichloropropane	ND	0.0014	0.00063	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0069	0.00079	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
1,2,4-Trimethylbenzene	ND	0.0014	0.00059	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
1,3,5-Trimethylbenzene	ND	0.0014	0.00050	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
Vinyl Chloride	ND	0.0069	0.00056	mg/Kg dry	1	V-34	SW-846 8260D	10/20/25	10/20/25 8:03	MFF
m+p Xylene	ND	0.0028	0.00074	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
o-Xylene	ND	0.0014	0.00041	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF
Xylenes (total)	ND	0.0014	0.0014	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 8:03	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	106	70-130		10/21/25 17:30
1,2-Dichloroethane-d4	108	70-130		10/20/25 8:03
Toluene-d8	99.4	70-130		10/21/25 17:30
Toluene-d8	104	70-130		10/20/25 8:03
4-Bromofluorobenzene	88.6	70-130		10/21/25 17:30
4-Bromofluorobenzene	97.4	70-130		10/20/25 8:03

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Glen Head, NY | Sample Description: | Work Order: 25J1054

Date Received: 10/16/2025

Field Sample #: SB-SE1_5-10 | Sampled: 10/14/2025 12:11

Sample ID: 25J1054-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.2		% Wt	1		SM 2540G	10/17/25	10/20/25 8:33	DMB

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Glen Head, NY | Sample Description: | Work Order: 25J1054

Date Received: 10/16/2025

Field Sample #: SB-SE1_25-30 | Sampled: 10/14/2025 12:29

Sample ID: 25J1054-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.085	0.011	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
Benzene	ND	0.0017	0.00061	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
Bromochloromethane	ND	0.0017	0.00084	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
Bromodichloromethane	ND	0.0017	0.00058	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
Bromoform	ND	0.0017	0.00098	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
Bromomethane	ND	0.0085	0.0013	mg/Kg dry	1	V-34	SW-846 8260D	10/20/25	10/20/25 7:36	MFF
2-Butanone (MEK)	ND	0.034	0.0074	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
n-Butylbenzene	ND	0.0017	0.00058	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
sec-Butylbenzene	ND	0.0017	0.00063	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
tert-Butylbenzene	ND	0.0017	0.00057	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
Carbon Disulfide	ND	0.017	0.010	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
Carbon Tetrachloride	ND	0.0017	0.00069	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
Chlorobenzene	ND	0.0017	0.00058	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
Chlorodibromomethane	ND	0.00085	0.00077	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
Chloroethane	ND	0.017	0.0012	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
Chloroform	ND	0.0034	0.00056	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
Chloromethane	ND	0.0085	0.0012	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
Cyclohexane	ND	0.0085	0.0035	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0017	0.00071	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
1,2-Dibromoethane (EDB)	ND	0.00085	0.00061	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
1,2-Dichlorobenzene	ND	0.0017	0.00053	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
1,3-Dichlorobenzene	ND	0.0017	0.00051	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
1,4-Dichlorobenzene	ND	0.0017	0.00051	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.017	0.00096	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
1,1-Dichloroethane	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
1,2-Dichloroethane	ND	0.0017	0.00060	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
1,1-Dichloroethylene	ND	0.0034	0.00081	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
cis-1,2-Dichloroethylene	0.00067	0.0017	0.00060	mg/Kg dry	1	J	SW-846 8260D	10/20/25	10/20/25 7:36	MFF
trans-1,2-Dichloroethylene	0.00056	0.0017	0.00054	mg/Kg dry	1	J	SW-846 8260D	10/20/25	10/20/25 7:36	MFF
1,2-Dichloropropane	ND	0.0017	0.00055	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
cis-1,3-Dichloropropene	ND	0.00085	0.00074	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
trans-1,3-Dichloropropene	ND	0.00085	0.00069	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
Ethylbenzene	ND	0.0017	0.00047	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
2-Hexanone (MBK)	ND	0.017	0.0067	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
Isopropylbenzene (Cumene)	ND	0.0017	0.00055	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
Methyl Acetate	ND	0.0017	0.0011	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0034	0.00068	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
Methyl Cyclohexane	ND	0.0017	0.00059	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
Methylene Chloride	ND	0.017	0.00060	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.017	0.0083	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
Naphthalene	ND	0.0034	0.00086	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
n-Propylbenzene	ND	0.0017	0.00056	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
Styrene	ND	0.0017	0.00054	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Glen Head, NY | Sample Description: | Work Order: 25J1054

Date Received: 10/16/2025

Field Sample #: SB-SE1_25-30 | Sampled: 10/14/2025 12:29

Sample ID: 25J1054-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.00085	0.00077	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
Tetrachloroethylene	0.0057	0.0017	0.00071	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
Toluene	ND	0.0017	0.00047	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
1,2,3-Trichlorobenzene	ND	0.0017	0.00067	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
1,2,4-Trichlorobenzene	ND	0.0017	0.00056	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
1,1,1-Trichloroethane	ND	0.0017	0.00060	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
1,1,2-Trichloroethane	ND	0.0017	0.00046	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
Trichloroethylene	0.00073	0.0017	0.00055	mg/Kg dry	1	J	SW-846 8260D	10/20/25	10/20/25 7:36	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0085	0.0011	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
1,2,3-Trichloropropane	ND	0.0017	0.00077	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0085	0.00098	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
1,2,4-Trimethylbenzene	ND	0.0017	0.00072	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
1,3,5-Trimethylbenzene	ND	0.0017	0.00062	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
Vinyl Chloride	ND	0.0085	0.00069	mg/Kg dry	1	V-34	SW-846 8260D	10/20/25	10/20/25 7:36	MFF
m+p Xylene	ND	0.0034	0.00091	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
o-Xylene	ND	0.0017	0.00051	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF
Xylenes (total)	ND	0.0017	0.0017	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 7:36	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	102	70-130		10/20/25 7:36
Toluene-d8	107	70-130		10/20/25 7:36
4-Bromofluorobenzene	97.4	70-130		10/20/25 7:36

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Glen Head, NY | Sample Description: | Work Order: 25J1054

Date Received: 10/16/2025

Field Sample #: SB-SE1_25-30 | Sampled: 10/14/2025 12:29

Sample ID: 25J1054-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	95.9		% Wt	1		SM 2540G	10/17/25	10/20/25 8:33	DMB

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Glen Head, NY | Sample Description: | Work Order: 25J1054

Date Received: 10/16/2025

Field Sample #: SB-X | Sampled: 10/14/2025 00:00

Sample ID: 25J1054-06

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.091	0.012	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
Benzene	ND	0.0018	0.00065	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
Bromochloromethane	ND	0.0018	0.00090	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
Bromodichloromethane	ND	0.0018	0.00062	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
Bromoform	ND	0.0018	0.0010	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
Bromomethane	ND	0.0091	0.0014	mg/Kg dry	1	V-34	SW-846 8260D	10/20/25	10/20/25 9:45	MFF
2-Butanone (MEK)	ND	0.036	0.0079	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
n-Butylbenzene	ND	0.0018	0.00062	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
sec-Butylbenzene	ND	0.0018	0.00067	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
tert-Butylbenzene	ND	0.0018	0.00060	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
Carbon Disulfide	ND	0.018	0.011	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
Carbon Tetrachloride	ND	0.0018	0.00073	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
Chlorobenzene	ND	0.0018	0.00062	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
Chlorodibromomethane	ND	0.00091	0.00083	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
Chloroethane	ND	0.018	0.0013	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
Chloroform	ND	0.0036	0.00060	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
Chloromethane	ND	0.0091	0.0012	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
Cyclohexane	ND	0.0091	0.0037	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0018	0.00076	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
1,2-Dibromoethane (EDB)	ND	0.00091	0.00065	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
1,2-Dichlorobenzene	ND	0.0018	0.00056	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
1,3-Dichlorobenzene	ND	0.0018	0.00054	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
1,4-Dichlorobenzene	ND	0.0018	0.00055	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.018	0.0010	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
1,1-Dichloroethane	ND	0.0018	0.00056	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
1,2-Dichloroethane	ND	0.0018	0.00064	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
1,1-Dichloroethylene	ND	0.0036	0.00086	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
cis-1,2-Dichloroethylene	0.0020	0.0018	0.00064	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
trans-1,2-Dichloroethylene	0.0018	0.0018	0.00057	mg/Kg dry	1	J	SW-846 8260D	10/20/25	10/20/25 9:45	MFF
1,2-Dichloropropane	ND	0.0018	0.00058	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
cis-1,3-Dichloropropene	ND	0.00091	0.00079	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
trans-1,3-Dichloropropene	ND	0.00091	0.00073	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
Ethylbenzene	ND	0.0018	0.00050	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
2-Hexanone (MBK)	ND	0.018	0.0071	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
Isopropylbenzene (Cumene)	ND	0.0018	0.00058	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0018	0.00056	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
Methyl Acetate	ND	0.0018	0.0012	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0036	0.00072	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
Methyl Cyclohexane	ND	0.0018	0.00063	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
Methylene Chloride	ND	0.018	0.00064	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.018	0.0088	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
Naphthalene	ND	0.0036	0.00092	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
n-Propylbenzene	ND	0.0018	0.00060	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
Styrene	ND	0.0018	0.00058	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Glen Head, NY | Sample Description: | Work Order: 25J1054

Date Received: 10/16/2025

Field Sample #: SB-X | Sampled: 10/14/2025 00:00

Sample ID: 25J1054-06

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.00091	0.00082	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
Tetrachloroethylene	0.036	0.0018	0.00075	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
Toluene	ND	0.0018	0.00050	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
1,2,3-Trichlorobenzene	ND	0.0018	0.00072	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
1,2,4-Trichlorobenzene	ND	0.0018	0.00060	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
1,1,1-Trichloroethane	ND	0.0018	0.00064	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
1,1,2-Trichloroethane	ND	0.0018	0.00049	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
Trichloroethylene	0.0023	0.0018	0.00059	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0091	0.0012	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
1,2,3-Trichloropropane	ND	0.0018	0.00082	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0091	0.0010	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
1,2,4-Trimethylbenzene	ND	0.0018	0.00077	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
1,3,5-Trimethylbenzene	ND	0.0018	0.00066	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
Vinyl Chloride	ND	0.0091	0.00074	mg/Kg dry	1	V-34	SW-846 8260D	10/20/25	10/20/25 9:45	MFF
m+p Xylene	ND	0.0036	0.00097	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
o-Xylene	ND	0.0018	0.00054	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF
Xylenes (total)	ND	0.0018	0.0018	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 9:45	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	108	70-130		10/20/25 9:45
Toluene-d8	105	70-130		10/20/25 9:45
4-Bromofluorobenzene	99.1	70-130		10/20/25 9:45

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Glen Head, NY | Sample Description: | Work Order: 25J1054

Date Received: 10/16/2025

Field Sample #: SB-X | Sampled: 10/14/2025 00:00

Sample ID: 25J1054-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	95.6		% Wt	1		SM 2540G	10/17/25	10/20/25 8:33	DMB

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method:% Solids **Analytical Method:SM 2540G**

Lab Number [Field ID]	Batch	Date
25J1054-04 [SB-SE1_5-10]	B415603	10/17/25
25J1054-05 [SB-SE1_25-30]	B415603	10/17/25
25J1054-06 [SB-X]	B415603	10/17/25

Prep Method:SW-846 5035 **Analytical Method:SW-846 8260D**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
25J1054-04 [SB-SE1_5-10]	B415668	8.16	10.0	10/20/25
25J1054-05 [SB-SE1_25-30]	B415668	6.10	10.0	10/20/25
25J1054-06 [SB-X]	B415668	5.74	10.0	10/20/25

Prep Method:SW-846 5035 **Analytical Method:SW-846 8260D**

Lab Number [Field ID]	Batch	Sample Amount(g)	Methanol Volume(mL)	Methanol Aliquot(mL)	Final Volume(mL)	Date
25J1054-04RE1 [SB-SE1_5-10]	B415670	9.16	5.00	0.1	50	10/20/25

Prep Method:SW-846 5030B **Analytical Method:SW-846 8260D**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
25J1054-01 [Field Blank]	B415658	5	5.00	10/20/25
25J1054-02 [Trip Blank]	B415658	5	5.00	10/20/25
25J1054-03 [Cistern-South]	B415658	0.025	5.00	10/20/25

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B415658 - SW-846 5030B										
Blank (B415658-BLK1)				Prepared: 10/20/25 Analyzed: 10/21/25						
Acetone	ND	50	µg/L							
Benzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							V-05
2-Butanone (MEK)	ND	20	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
Carbon Disulfide	ND	5.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
Cyclohexane	ND	5.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl Acetate	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methyl Cyclohexane	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B415658 - SW-846 5030B											
Blank (B415658-BLK1)				Prepared: 10/20/25 Analyzed: 10/21/25							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L								
1,2,3-Trichloropropane	ND	2.0	µg/L								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L								
1,2,4-Trimethylbenzene	ND	1.0	µg/L								
1,3,5-Trimethylbenzene	ND	1.0	µg/L								
Vinyl Chloride	ND	2.0	µg/L								
m+p Xylene	ND	2.0	µg/L								
o-Xylene	ND	1.0	µg/L								
Xylenes (total)	ND	1.0	µg/L								
Surrogate: 1,2-Dichloroethane-d4	*24.8*		µg/L	25.00		99.4	70-130				
Surrogate: Toluene-d8	*24.9*		µg/L	25.00		99.6	70-130				
Surrogate: 4-Bromofluorobenzene	*23.2*		µg/L	25.00		92.8	70-130				
LCS (B415658-BS1)				Prepared: 10/20/25 Analyzed: 10/21/25							
Acetone	72.2	50	µg/L	100.0		72.2	70-160				†
Benzene	9.50	1.0	µg/L	10.00		95.0	70-130				
Bromochloromethane	10.4	1.0	µg/L	10.00		104	70-130			V-20	
Bromodichloromethane	8.96	0.50	µg/L	10.00		89.6	70-130				
Bromoform	8.14	1.0	µg/L	10.00		81.4	70-130				
Bromomethane	7.12	2.0	µg/L	10.00		71.2	40-160			V-05	†
2-Butanone (MEK)	84.4	20	µg/L	100.0		84.4	40-160				†
n-Butylbenzene	8.35	1.0	µg/L	10.00		83.5	70-130				
sec-Butylbenzene	8.92	1.0	µg/L	10.00		89.2	70-130				
tert-Butylbenzene	9.05	1.0	µg/L	10.00		90.5	70-130				
Carbon Disulfide	91.4	5.0	µg/L	100.0		91.4	70-130				
Carbon Tetrachloride	9.02	5.0	µg/L	10.00		90.2	70-130				
Chlorobenzene	9.39	1.0	µg/L	10.00		93.9	70-130				
Chlorodibromomethane	8.51	0.50	µg/L	10.00		85.1	70-130				
Chloroethane	7.72	2.0	µg/L	10.00		77.2	70-130				
Chloroform	9.12	2.0	µg/L	10.00		91.2	70-130				
Chloromethane	13.1	2.0	µg/L	10.00		131	40-160			V-20	†
Cyclohexane	10.1	5.0	µg/L	10.00		101	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	7.77	5.0	µg/L	10.00		77.7	70-130				
1,2-Dibromoethane (EDB)	8.89	0.50	µg/L	10.00		88.9	70-130				
1,2-Dichlorobenzene	9.25	1.0	µg/L	10.00		92.5	70-130				
1,3-Dichlorobenzene	9.02	1.0	µg/L	10.00		90.2	70-130				
1,4-Dichlorobenzene	8.50	1.0	µg/L	10.00		85.0	70-130				
Dichlorodifluoromethane (Freon 12)	9.89	2.0	µg/L	10.00		98.9	40-160				†
1,1-Dichloroethane	9.55	1.0	µg/L	10.00		95.5	70-130				
1,2-Dichloroethane	8.55	1.0	µg/L	10.00		85.5	70-130				
1,1-Dichloroethylene	7.65	1.0	µg/L	10.00		76.5	70-130				
cis-1,2-Dichloroethylene	9.42	1.0	µg/L	10.00		94.2	70-130				
trans-1,2-Dichloroethylene	8.82	1.0	µg/L	10.00		88.2	70-130				
1,2-Dichloropropane	9.09	1.0	µg/L	10.00		90.9	70-130				
cis-1,3-Dichloropropene	9.05	0.50	µg/L	10.00		90.5	70-130				
trans-1,3-Dichloropropene	8.89	0.50	µg/L	10.00		88.9	70-130				
Ethylbenzene	9.05	1.0	µg/L	10.00		90.5	70-130				
2-Hexanone (MBK)	77.2	10	µg/L	100.0		77.2	70-160				†
Isopropylbenzene (Cumene)	9.08	1.0	µg/L	10.00		90.8	70-130				
p-Isopropyltoluene (p-Cymene)	8.45	1.0	µg/L	10.00		84.5	70-130				
Methyl Acetate	8.10	1.0	µg/L	10.00		81.0	70-130				
Methyl tert-Butyl Ether (MTBE)	9.11	1.0	µg/L	10.00		91.1	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B415658 - SW-846 5030B											
LCS (B415658-BS1)				Prepared: 10/20/25 Analyzed: 10/21/25							
Methyl Cyclohexane	9.68	1.0	µg/L	10.00		96.8	70-130				
Methylene Chloride	9.28	5.0	µg/L	10.00		92.8	70-130				
4-Methyl-2-pentanone (MIBK)	80.3	10	µg/L	100.0		80.3	70-160				†
Naphthalene	8.94	2.0	µg/L	10.00		89.4	40-130				†
n-Propylbenzene	8.77	1.0	µg/L	10.00		87.7	70-130				
Styrene	8.74	1.0	µg/L	10.00		87.4	70-130				
1,1,2,2-Tetrachloroethane	8.19	0.50	µg/L	10.00		81.9	70-130				
Tetrachloroethylene	9.49	1.0	µg/L	10.00		94.9	70-130				
Toluene	9.19	1.0	µg/L	10.00		91.9	70-130				
1,2,3-Trichlorobenzene	9.63	5.0	µg/L	10.00		96.3	70-130				
1,2,4-Trichlorobenzene	8.65	1.0	µg/L	10.00		86.5	70-130				
1,1,1-Trichloroethane	8.99	1.0	µg/L	10.00		89.9	70-130				
1,1,2-Trichloroethane	9.14	1.0	µg/L	10.00		91.4	70-130				
Trichloroethylene	9.27	1.0	µg/L	10.00		92.7	70-130				
Trichlorofluoromethane (Freon 11)	8.04	2.0	µg/L	10.00		80.4	70-130				
1,2,3-Trichloropropane	7.40	2.0	µg/L	10.00		74.0	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.08	1.0	µg/L	10.00		80.8	70-130				
1,2,4-Trimethylbenzene	8.86	1.0	µg/L	10.00		88.6	70-130				
1,3,5-Trimethylbenzene	8.74	1.0	µg/L	10.00		87.4	70-130				
Vinyl Chloride	9.18	2.0	µg/L	10.00		91.8	40-160				†
m+p Xylene	17.9	2.0	µg/L	20.00		89.3	70-130				
o-Xylene	9.14	1.0	µg/L	10.00		91.4	70-130				
Xylenes (total)	27.0	1.0	µg/L	30.00		90.0	0-200				
Surrogate: 1,2-Dichloroethane-d4	*23.9*		µg/L	25.00		95.7	70-130				
Surrogate: Toluene-d8	*25.1*		µg/L	25.00		100	70-130				
Surrogate: 4-Bromofluorobenzene	*24.2*		µg/L	25.00		96.9	70-130				
LCS Dup (B415658-BSD1)				Prepared: 10/20/25 Analyzed: 10/21/25							
Acetone	67.3	50	µg/L	100.0		**67.3**	* 70-160	7.05	25	L-07	†
Benzene	9.17	1.0	µg/L	10.00		91.7	70-130	3.54	25		
Bromochloromethane	10.2	1.0	µg/L	10.00		102	70-130	1.36	25	V-20	
Bromodichloromethane	8.86	0.50	µg/L	10.00		88.6	70-130	1.12	25		
Bromoform	7.40	1.0	µg/L	10.00		74.0	70-130	9.52	25		
Bromomethane	6.93	2.0	µg/L	10.00		69.3	40-160	2.70	25	V-05	†
2-Butanone (MEK)	84.7	20	µg/L	100.0		84.7	40-160	0.449	25		†
n-Butylbenzene	7.49	1.0	µg/L	10.00		74.9	70-130	10.9	25		
sec-Butylbenzene	8.01	1.0	µg/L	10.00		80.1	70-130	10.8	25		
tert-Butylbenzene	8.38	1.0	µg/L	10.00		83.8	70-130	7.69	25		
Carbon Disulfide	86.5	5.0	µg/L	100.0		86.5	70-130	5.49	25		
Carbon Tetrachloride	8.48	5.0	µg/L	10.00		84.8	70-130	6.17	25		
Chlorobenzene	8.92	1.0	µg/L	10.00		89.2	70-130	5.13	25		
Chlorodibromomethane	8.32	0.50	µg/L	10.00		83.2	70-130	2.26	25		
Chloroethane	7.56	2.0	µg/L	10.00		75.6	70-130	2.09	25		
Chloroform	8.96	2.0	µg/L	10.00		89.6	70-130	1.77	25		
Chloromethane	12.9	2.0	µg/L	10.00		129	40-160	1.53	25	V-20	†
Cyclohexane	9.60	5.0	µg/L	10.00		96.0	70-130	5.08	25		
1,2-Dibromo-3-chloropropane (DBCP)	7.60	5.0	µg/L	10.00		76.0	70-130	2.21	25		
1,2-Dibromoethane (EDB)	8.79	0.50	µg/L	10.00		87.9	70-130	1.13	25		
1,2-Dichlorobenzene	7.93	1.0	µg/L	10.00		79.3	70-130	15.4	25		
1,3-Dichlorobenzene	8.38	1.0	µg/L	10.00		83.8	70-130	7.36	25		
1,4-Dichlorobenzene	7.81	1.0	µg/L	10.00		78.1	70-130	8.46	25		
Dichlorodifluoromethane (Freon 12)	9.39	2.0	µg/L	10.00		93.9	40-160	5.19	25		†

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B415658 - SW-846 5030B										
LCS Dup (B415658-BSD1)				Prepared: 10/20/25 Analyzed: 10/21/25						
1,1-Dichloroethane	9.18	1.0	µg/L	10.00		91.8	70-130	3.95	25	
1,2-Dichloroethane	8.22	1.0	µg/L	10.00		82.2	70-130	3.94	25	
1,1-Dichloroethylene	7.01	1.0	µg/L	10.00		70.1	70-130	8.73	25	
cis-1,2-Dichloroethylene	8.78	1.0	µg/L	10.00		87.8	70-130	7.03	25	
trans-1,2-Dichloroethylene	8.44	1.0	µg/L	10.00		84.4	70-130	4.40	25	
1,2-Dichloropropane	8.77	1.0	µg/L	10.00		87.7	70-130	3.58	25	
cis-1,3-Dichloropropene	8.48	0.50	µg/L	10.00		84.8	70-130	6.50	25	
trans-1,3-Dichloropropene	8.88	0.50	µg/L	10.00		88.8	70-130	0.113	25	
Ethylbenzene	8.62	1.0	µg/L	10.00		86.2	70-130	4.87	25	
2-Hexanone (MBK)	72.6	10	µg/L	100.0		72.6	70-160	6.22	25	†
Isopropylbenzene (Cumene)	8.45	1.0	µg/L	10.00		84.5	70-130	7.19	25	
p-Isopropyltoluene (p-Cymene)	7.70	1.0	µg/L	10.00		77.0	70-130	9.29	25	
Methyl Acetate	7.71	1.0	µg/L	10.00		77.1	70-130	4.93	25	
Methyl tert-Butyl Ether (MTBE)	8.64	1.0	µg/L	10.00		86.4	70-130	5.30	25	
Methyl Cyclohexane	9.38	1.0	µg/L	10.00		93.8	70-130	3.15	25	
Methylene Chloride	9.04	5.0	µg/L	10.00		90.4	70-130	2.62	25	
4-Methyl-2-pentanone (MIBK)	75.8	10	µg/L	100.0		75.8	70-160	5.69	25	†
Naphthalene	7.80	2.0	µg/L	10.00		78.0	40-130	13.6	25	†
n-Propylbenzene	8.14	1.0	µg/L	10.00		81.4	70-130	7.45	25	
Styrene	8.49	1.0	µg/L	10.00		84.9	70-130	2.90	25	
1,1,2,2-Tetrachloroethane	8.04	0.50	µg/L	10.00		80.4	70-130	1.85	25	
Tetrachloroethylene	8.96	1.0	µg/L	10.00		89.6	70-130	5.75	25	
Toluene	8.73	1.0	µg/L	10.00		87.3	70-130	5.13	25	
1,2,3-Trichlorobenzene	8.56	5.0	µg/L	10.00		85.6	70-130	11.8	25	
1,2,4-Trichlorobenzene	8.08	1.0	µg/L	10.00		80.8	70-130	6.81	25	
1,1,1-Trichloroethane	8.56	1.0	µg/L	10.00		85.6	70-130	4.90	25	
1,1,2-Trichloroethane	8.82	1.0	µg/L	10.00		88.2	70-130	3.56	25	
Trichloroethylene	8.59	1.0	µg/L	10.00		85.9	70-130	7.61	25	
Trichlorofluoromethane (Freon 11)	7.72	2.0	µg/L	10.00		77.2	70-130	4.06	25	
1,2,3-Trichloropropane	7.47	2.0	µg/L	10.00		74.7	70-130	0.941	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.53	1.0	µg/L	10.00		75.3	70-130	7.05	25	
1,2,4-Trimethylbenzene	8.14	1.0	µg/L	10.00		81.4	70-130	8.47	25	
1,3,5-Trimethylbenzene	8.01	1.0	µg/L	10.00		80.1	70-130	8.72	25	
Vinyl Chloride	8.58	2.0	µg/L	10.00		85.8	40-160	6.76	25	†
m+p Xylene	16.7	2.0	µg/L	20.00		83.7	70-130	6.47	25	
o-Xylene	8.42	1.0	µg/L	10.00		84.2	70-130	8.20	25	
Xylenes (total)	25.2	1.0	µg/L	30.00		83.9	0-200	7.06		
Surrogate: 1,2-Dichloroethane-d4	*24.0*		µg/L	25.00		95.8	70-130			
Surrogate: Toluene-d8	*25.2*		µg/L	25.00		101	70-130			
Surrogate: 4-Bromofluorobenzene	*25.0*		µg/L	25.00		100	70-130			
Batch B415668 - SW-846 5035										
Blank (B415668-BLK1)				Prepared & Analyzed: 10/20/25						
Acetone	ND	0.10	mg/Kg wet							
Benzene	ND	0.0020	mg/Kg wet							
Bromochloromethane	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.0020	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							V-34
2-Butanone (MEK)	ND	0.040	mg/Kg wet							
n-Butylbenzene	ND	0.0020	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B415668 - SW-846 5035										
Blank (B415668-BLK1)				Prepared & Analyzed: 10/20/25						
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							
Carbon Disulfide	ND	0.020	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
Cyclohexane	ND	0.010	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Ethylbenzene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl Acetate	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							
Methyl Cyclohexane	ND	0.0020	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.0040	mg/Kg wet							
n-Propylbenzene	ND	0.0020	mg/Kg wet							
Styrene	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							
Tetrachloroethylene	ND	0.0020	mg/Kg wet							
Toluene	ND	0.0020	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet							
Trichloroethylene	ND	0.0020	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet							
Vinyl Chloride	ND	0.010	mg/Kg wet							V-34
m+p Xylene	ND	0.0040	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B415668 - SW-846 5035											
Blank (B415668-BLK1)				Prepared & Analyzed: 10/20/25							
o-Xylene	ND	0.0020	mg/Kg wet								
Xylenes (total)	ND	0.0020	mg/Kg wet								
Surrogate: 1,2-Dichloroethane-d4	*0.0528*		mg/Kg wet	0.05000		106	70-130				
Surrogate: Toluene-d8	*0.0524*		mg/Kg wet	0.05000		105	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0495*		mg/Kg wet	0.05000		99.1	70-130				
LCS (B415668-BS1)				Prepared & Analyzed: 10/20/25							
Acetone	0.189	0.10	mg/Kg wet	0.2000		94.4	70-160			V-36	†
Benzene	0.0184	0.0020	mg/Kg wet	0.02000		91.8	70-130				
Bromochloromethane	0.0205	0.0020	mg/Kg wet	0.02000		102	70-130				
Bromodichloromethane	0.0220	0.0020	mg/Kg wet	0.02000		110	70-130				
Bromoform	0.0256	0.0020	mg/Kg wet	0.02000		128	70-130			V-20	
Bromomethane	0.0246	0.010	mg/Kg wet	0.02000		123	40-130			V-20, V-34	†
2-Butanone (MEK)	0.219	0.040	mg/Kg wet	0.2000		110	70-160				†
n-Butylbenzene	0.0169	0.0020	mg/Kg wet	0.02000		84.3	70-130				
sec-Butylbenzene	0.0187	0.0020	mg/Kg wet	0.02000		93.6	70-130				
tert-Butylbenzene	0.0177	0.0020	mg/Kg wet	0.02000		88.4	70-160				†
Carbon Disulfide	0.192	0.020	mg/Kg wet	0.2000		95.9	70-130				
Carbon Tetrachloride	0.0187	0.0020	mg/Kg wet	0.02000		93.5	70-130				
Chlorobenzene	0.0188	0.0020	mg/Kg wet	0.02000		93.9	70-130				
Chlorodibromomethane	0.0237	0.0010	mg/Kg wet	0.02000		118	70-130				
Chloroethane	0.0217	0.020	mg/Kg wet	0.02000		109	70-130				
Chloroform	0.0186	0.0040	mg/Kg wet	0.02000		92.8	70-130				
Chloromethane	0.0171	0.010	mg/Kg wet	0.02000		85.6	70-130				
Cyclohexane	0.0170	0.010	mg/Kg wet	0.02000		84.8	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0218	0.0020	mg/Kg wet	0.02000		109	70-130				
1,2-Dibromoethane (EDB)	0.0214	0.0010	mg/Kg wet	0.02000		107	70-130				
1,2-Dichlorobenzene	0.0181	0.0020	mg/Kg wet	0.02000		90.6	70-130				
1,3-Dichlorobenzene	0.0177	0.0020	mg/Kg wet	0.02000		88.5	70-130				
1,4-Dichlorobenzene	0.0179	0.0020	mg/Kg wet	0.02000		89.5	70-130				
Dichlorodifluoromethane (Freon 12)	0.0217	0.020	mg/Kg wet	0.02000		108	40-160				†
1,1-Dichloroethane	0.0182	0.0020	mg/Kg wet	0.02000		91.1	70-130				
1,2-Dichloroethane	0.0183	0.0020	mg/Kg wet	0.02000		91.7	70-130				
1,1-Dichloroethylene	0.0170	0.0040	mg/Kg wet	0.02000		85.1	70-130				
cis-1,2-Dichloroethylene	0.0174	0.0020	mg/Kg wet	0.02000		87.2	70-130				
trans-1,2-Dichloroethylene	0.0177	0.0020	mg/Kg wet	0.02000		88.7	70-130				
1,2-Dichloropropane	0.0188	0.0020	mg/Kg wet	0.02000		94.1	70-130				
cis-1,3-Dichloropropene	0.0203	0.0010	mg/Kg wet	0.02000		102	70-130				
trans-1,3-Dichloropropene	0.0209	0.0010	mg/Kg wet	0.02000		105	70-130				
Ethylbenzene	0.0183	0.0020	mg/Kg wet	0.02000		91.3	70-130				
2-Hexanone (MBK)	0.240	0.020	mg/Kg wet	0.2000		120	70-160				†
Isopropylbenzene (Cumene)	0.0185	0.0020	mg/Kg wet	0.02000		92.6	70-130				
p-Isopropyltoluene (p-Cymene)	0.0176	0.0020	mg/Kg wet	0.02000		88.2	70-130				
Methyl Acetate	0.0232	0.0020	mg/Kg wet	0.02000		116	70-130			V-36	
Methyl tert-Butyl Ether (MTBE)	0.0188	0.0040	mg/Kg wet	0.02000		94.1	70-130				
Methyl Cyclohexane	0.0200	0.0020	mg/Kg wet	0.02000		100	70-130				
Methylene Chloride	0.0185	0.020	mg/Kg wet	0.02000		92.6	40-160			J	†
4-Methyl-2-pentanone (MIBK)	0.243	0.020	mg/Kg wet	0.2000		121	70-160				†
Naphthalene	0.0180	0.0040	mg/Kg wet	0.02000		89.8	40-130				†
n-Propylbenzene	0.0181	0.0020	mg/Kg wet	0.02000		90.4	70-130				
Styrene	0.0185	0.0020	mg/Kg wet	0.02000		92.6	70-130				
1,1,2,2-Tetrachloroethane	0.0204	0.0010	mg/Kg wet	0.02000		102	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B415668 - SW-846 5035											
LCS (B415668-BS1)				Prepared & Analyzed: 10/20/25							
Tetrachloroethylene	0.0199	0.0020	mg/Kg wet	0.02000		99.4	70-130				
Toluene	0.0193	0.0020	mg/Kg wet	0.02000		96.5	70-130				
1,2,3-Trichlorobenzene	0.0173	0.0020	mg/Kg wet	0.02000		86.5	70-130				
1,2,4-Trichlorobenzene	0.0162	0.0020	mg/Kg wet	0.02000		81.2	70-130				
1,1,1-Trichloroethane	0.0192	0.0020	mg/Kg wet	0.02000		96.1	70-130				
1,1,2-Trichloroethane	0.0209	0.0020	mg/Kg wet	0.02000		104	70-130				
Trichloroethylene	0.0189	0.0020	mg/Kg wet	0.02000		94.3	70-130				
Trichlorofluoromethane (Freon 11)	0.0207	0.010	mg/Kg wet	0.02000		104	70-130				
1,2,3-Trichloropropane	0.0196	0.0020	mg/Kg wet	0.02000		98.0	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0195	0.010	mg/Kg wet	0.02000		97.6	70-130				
1,2,4-Trimethylbenzene	0.0170	0.0020	mg/Kg wet	0.02000		85.2	70-130				
1,3,5-Trimethylbenzene	0.0178	0.0020	mg/Kg wet	0.02000		89.2	70-130				
Vinyl Chloride	0.0199	0.010	mg/Kg wet	0.02000		99.4	40-130			V-34	†
m+p Xylene	0.0366	0.0040	mg/Kg wet	0.04000		91.5	70-130				
o-Xylene	0.0186	0.0020	mg/Kg wet	0.02000		92.8	70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0445*		mg/Kg wet	0.05000		89.1	70-130				
Surrogate: Toluene-d8	*0.0530*		mg/Kg wet	0.05000		106	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0493*		mg/Kg wet	0.05000		98.6	70-130				
LCS Dup (B415668-BSD1)				Prepared & Analyzed: 10/20/25							
Acetone	0.202	0.10	mg/Kg wet	0.2000		101	70-160	6.83	25	V-36	†
Benzene	0.0192	0.0020	mg/Kg wet	0.02000		96.2	70-130	4.68	25		
Bromochloromethane	0.0210	0.0020	mg/Kg wet	0.02000		105	70-130	2.60	25		
Bromodichloromethane	0.0215	0.0020	mg/Kg wet	0.02000		108	70-130	2.39	25		
Bromoform	0.0252	0.0020	mg/Kg wet	0.02000		126	70-130	1.73	25	V-20	
Bromomethane	0.0258	0.010	mg/Kg wet	0.02000		129	40-130	4.68	25	V-20, V-34	†
2-Butanone (MEK)	0.233	0.040	mg/Kg wet	0.2000		116	70-160	5.88	25		†
n-Butylbenzene	0.0163	0.0020	mg/Kg wet	0.02000		81.6	70-130	3.25	25		
sec-Butylbenzene	0.0181	0.0020	mg/Kg wet	0.02000		90.6	70-130	3.26	25		
tert-Butylbenzene	0.0172	0.0020	mg/Kg wet	0.02000		85.8	70-160	2.99	25		†
Carbon Disulfide	0.199	0.020	mg/Kg wet	0.2000		99.4	70-130	3.58	25		
Carbon Tetrachloride	0.0199	0.0020	mg/Kg wet	0.02000		99.6	70-130	6.32	25		
Chlorobenzene	0.0185	0.0020	mg/Kg wet	0.02000		92.4	70-130	1.61	25		
Chlorodibromomethane	0.0228	0.0010	mg/Kg wet	0.02000		114	70-130	3.61	25		
Chloroethane	0.0225	0.020	mg/Kg wet	0.02000		112	70-130	3.35	25		
Chloroform	0.0203	0.0040	mg/Kg wet	0.02000		101	70-130	8.76	25		
Chloromethane	0.0177	0.010	mg/Kg wet	0.02000		88.6	70-130	3.44	25		
Cyclohexane	0.0177	0.010	mg/Kg wet	0.02000		88.4	70-130	4.16	25		
1,2-Dibromo-3-chloropropane (DBCP)	0.0216	0.0020	mg/Kg wet	0.02000		108	70-130	0.828	25		
1,2-Dibromoethane (EDB)	0.0203	0.0010	mg/Kg wet	0.02000		102	70-130	5.08	25		
1,2-Dichlorobenzene	0.0175	0.0020	mg/Kg wet	0.02000		87.3	70-130	3.71	25		
1,3-Dichlorobenzene	0.0173	0.0020	mg/Kg wet	0.02000		86.6	70-130	2.17	25		
1,4-Dichlorobenzene	0.0176	0.0020	mg/Kg wet	0.02000		87.8	70-130	1.92	25		
Dichlorodifluoromethane (Freon 12)	0.0221	0.020	mg/Kg wet	0.02000		110	40-160	1.74	25		†
1,1-Dichloroethane	0.0189	0.0020	mg/Kg wet	0.02000		94.6	70-130	3.77	25		
1,2-Dichloroethane	0.0180	0.0020	mg/Kg wet	0.02000		89.9	70-130	1.98	25		
1,1-Dichloroethylene	0.0188	0.0040	mg/Kg wet	0.02000		94.1	70-130	10.0	25		
cis-1,2-Dichloroethylene	0.0181	0.0020	mg/Kg wet	0.02000		90.4	70-130	3.60	25		
trans-1,2-Dichloroethylene	0.0184	0.0020	mg/Kg wet	0.02000		92.1	70-130	3.76	25		
1,2-Dichloropropane	0.0189	0.0020	mg/Kg wet	0.02000		94.3	70-130	0.212	25		
cis-1,3-Dichloropropene	0.0199	0.0010	mg/Kg wet	0.02000		99.6	70-130	1.89	25		
trans-1,3-Dichloropropene	0.0203	0.0010	mg/Kg wet	0.02000		101	70-130	3.30	25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B415668 - SW-846 5035												
LCS Dup (B415668-BSD1)				Prepared & Analyzed: 10/20/25								
Ethylbenzene	0.0181	0.0020	mg/Kg wet	0.02000		90.6		70-130	0.770	25		
2-Hexanone (MBK)	0.230	0.020	mg/Kg wet	0.2000		115		70-160	4.47	25		†
Isopropylbenzene (Cumene)	0.0182	0.0020	mg/Kg wet	0.02000		91.1		70-130	1.63	25		
p-Isopropyltoluene (p-Cymene)	0.0168	0.0020	mg/Kg wet	0.02000		83.8		70-130	5.12	25		
Methyl Acetate	0.0254	0.0020	mg/Kg wet	0.02000		127		70-130	9.07	25	V-36	
Methyl tert-Butyl Ether (MTBE)	0.0189	0.0040	mg/Kg wet	0.02000		94.4		70-130	0.318	25		
Methyl Cyclohexane	0.0190	0.0020	mg/Kg wet	0.02000		95.0		70-130	5.33	25		
Methylene Chloride	0.0189	0.020	mg/Kg wet	0.02000		94.4		40-160	1.93	25	J	†
4-Methyl-2-pentanone (MIBK)	0.232	0.020	mg/Kg wet	0.2000		116		70-160	4.62	25		†
Naphthalene	0.0171	0.0040	mg/Kg wet	0.02000		85.4		40-130	5.02	25		†
n-Propylbenzene	0.0175	0.0020	mg/Kg wet	0.02000		87.7		70-130	3.03	25		
Styrene	0.0182	0.0020	mg/Kg wet	0.02000		90.9		70-130	1.85	25		
1,1,2,2-Tetrachloroethane	0.0199	0.0010	mg/Kg wet	0.02000		99.7		70-130	2.18	25		
Tetrachloroethylene	0.0195	0.0020	mg/Kg wet	0.02000		97.4		70-130	2.03	25		
Toluene	0.0191	0.0020	mg/Kg wet	0.02000		95.3		70-130	1.25	25		
1,2,3-Trichlorobenzene	0.0167	0.0020	mg/Kg wet	0.02000		83.4		70-130	3.65	25		
1,2,4-Trichlorobenzene	0.0153	0.0020	mg/Kg wet	0.02000		76.4		70-130	6.09	25		
1,1,1-Trichloroethane	0.0199	0.0020	mg/Kg wet	0.02000		99.5		70-130	3.48	25		
1,1,2-Trichloroethane	0.0199	0.0020	mg/Kg wet	0.02000		99.6		70-130	4.61	25		
Trichloroethylene	0.0190	0.0020	mg/Kg wet	0.02000		95.1		70-130	0.845	25		
Trichlorofluoromethane (Freon 11)	0.0217	0.010	mg/Kg wet	0.02000		108		70-130	4.72	25		
1,2,3-Trichloropropane	0.0194	0.0020	mg/Kg wet	0.02000		96.8		70-130	1.23	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0205	0.010	mg/Kg wet	0.02000		102		70-130	4.70	25		
1,2,4-Trimethylbenzene	0.0165	0.0020	mg/Kg wet	0.02000		82.7		70-130	2.98	25		
1,3,5-Trimethylbenzene	0.0174	0.0020	mg/Kg wet	0.02000		87.2		70-130	2.27	25		
Vinyl Chloride	0.0205	0.010	mg/Kg wet	0.02000		102		40-130	2.97	25	V-34	†
m+p Xylene	0.0357	0.0040	mg/Kg wet	0.04000		89.2		70-130	2.55	25		
o-Xylene	0.0180	0.0020	mg/Kg wet	0.02000		89.9		70-130	3.17	25		
Surrogate: 1,2-Dichloroethane-d4	*0.0474*		mg/Kg wet	0.05000		94.7		70-130				
Surrogate: Toluene-d8	*0.0532*		mg/Kg wet	0.05000		106		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0493*		mg/Kg wet	0.05000		98.6		70-130				
Matrix Spike (B415668-MS1)		**Source: 25J1054-05**		Prepared & Analyzed: 10/20/25								
Acetone	0.206	0.094	mg/Kg dry	0.1878	ND	109		70-130			V-36	
Benzene	0.0201	0.0019	mg/Kg dry	0.01878	ND	107		70-130				
Bromochloromethane	0.0220	0.0019	mg/Kg dry	0.01878	ND	117		70-130				
Bromodichloromethane	0.0233	0.0019	mg/Kg dry	0.01878	ND	124		70-130				
Bromoform	0.0251	0.0019	mg/Kg dry	0.01878	ND	**134**	*	70-130			MS-24, V-20	
Bromomethane	0.0121	0.0094	mg/Kg dry	0.01878	ND	**64.5**	*	70-130			MS-24, V-20, V-34	
2-Butanone (MEK)	0.224	0.038	mg/Kg dry	0.1878	ND	119		70-130				
n-Butylbenzene	0.0185	0.0019	mg/Kg dry	0.01878	ND	98.3		70-130				
sec-Butylbenzene	0.0216	0.0019	mg/Kg dry	0.01878	ND	115		70-130				
tert-Butylbenzene	0.0196	0.0019	mg/Kg dry	0.01878	ND	104		70-130				
Carbon Disulfide	0.0216	0.019	mg/Kg dry	0.01878	ND	115		70-130				
Carbon Tetrachloride	0.0207	0.0019	mg/Kg dry	0.01878	ND	110		70-130				
Chlorobenzene	0.0196	0.0019	mg/Kg dry	0.01878	ND	105		70-130				
Chlorodibromomethane	0.0253	0.00094	mg/Kg dry	0.01878	ND	**135**	*	70-130			MS-24	
Chloroethane	0.0210	0.019	mg/Kg dry	0.01878	ND	112		70-130				
Chloroform	0.0207	0.0038	mg/Kg dry	0.01878	ND	110		70-130				
Chloromethane	0.0145	0.0094	mg/Kg dry	0.01878	ND	77.1		70-130				
Cyclohexane	0.0173	0.0094	mg/Kg dry	0.01878	ND	91.9		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B415668 - SW-846 5035										
Matrix Spike (B415668-MS1)		**Source: 25J1054-05**		Prepared & Analyzed: 10/20/25						
1,2-Dibromo-3-chloropropane (DBCP)	0.0201	0.0019	mg/Kg dry	0.01878	ND	107	70-130			
1,2-Dibromoethane (EDB)	0.0218	0.00094	mg/Kg dry	0.01878	ND	116	70-130			
1,2-Dichlorobenzene	0.0190	0.0019	mg/Kg dry	0.01878	ND	101	70-130			
1,3-Dichlorobenzene	0.0194	0.0019	mg/Kg dry	0.01878	ND	103	70-130			
1,4-Dichlorobenzene	0.0190	0.0019	mg/Kg dry	0.01878	ND	101	70-130			
Dichlorodifluoromethane (Freon 12)	0.0222	0.019	mg/Kg dry	0.01878	ND	118	70-130			
1,1-Dichloroethane	0.0194	0.0019	mg/Kg dry	0.01878	ND	103	70-130			
1,2-Dichloroethane	0.0183	0.0019	mg/Kg dry	0.01878	ND	97.2	70-130			
1,1-Dichloroethylene	0.0199	0.0038	mg/Kg dry	0.01878	ND	106	70-130			
cis-1,2-Dichloroethylene	0.0203	0.0019	mg/Kg dry	0.01878	0.000667	104	70-130			
trans-1,2-Dichloroethylene	0.0194	0.0019	mg/Kg dry	0.01878	ND	103	70-130			
1,2-Dichloropropane	0.0198	0.0019	mg/Kg dry	0.01878	ND	106	70-130			
cis-1,3-Dichloropropene	0.0210	0.00094	mg/Kg dry	0.01878	ND	112	70-130			
trans-1,3-Dichloropropene	0.0212	0.00094	mg/Kg dry	0.01878	ND	113	70-130			
Ethylbenzene	0.0197	0.0019	mg/Kg dry	0.01878	ND	105	70-130			
2-Hexanone (MBK)	0.232	0.019	mg/Kg dry	0.1878	ND	124	70-130			
Isopropylbenzene (Cumene)	0.0203	0.0019	mg/Kg dry	0.01878	ND	108	70-130			
p-Isopropyltoluene (p-Cymene)	0.0203	0.0019	mg/Kg dry	0.01878	ND	108	70-130			
Methyl Acetate	0.0204	0.0019	mg/Kg dry	0.01878	ND	109	70-130			V-36
Methyl tert-Butyl Ether (MTBE)	0.0189	0.0038	mg/Kg dry	0.01878	ND	101	70-130			
Methyl Cyclohexane	0.0189	0.0019	mg/Kg dry	0.01878	ND	100	70-130			
Methylene Chloride	0.0195	0.019	mg/Kg dry	0.01878	ND	104	70-130			
4-Methyl-2-pentanone (MIBK)	0.244	0.019	mg/Kg dry	0.1878	ND	130	70-130			
Naphthalene	0.0177	0.0038	mg/Kg dry	0.01878	ND	94.3	70-130			
n-Propylbenzene	0.0198	0.0019	mg/Kg dry	0.01878	ND	106	70-130			
Styrene	0.0202	0.0019	mg/Kg dry	0.01878	ND	107	70-130			
1,1,2,2-Tetrachloroethane	0.0225	0.00094	mg/Kg dry	0.01878	ND	120	70-130			
Tetrachloroethylene	0.0252	0.0019	mg/Kg dry	0.01878	0.00566	104	70-130			
Toluene	0.0201	0.0019	mg/Kg dry	0.01878	ND	107	70-130			
1,2,3-Trichlorobenzene	0.0188	0.0019	mg/Kg dry	0.01878	ND	100	70-130			
1,2,4-Trichlorobenzene	0.0176	0.0019	mg/Kg dry	0.01878	ND	93.9	70-130			
1,1,1-Trichloroethane	0.0211	0.0019	mg/Kg dry	0.01878	ND	112	70-130			
1,1,2-Trichloroethane	0.0221	0.0019	mg/Kg dry	0.01878	ND	117	70-130			
Trichloroethylene	0.0202	0.0019	mg/Kg dry	0.01878	0.000735	104	70-130			
Trichlorofluoromethane (Freon 11)	0.0225	0.0094	mg/Kg dry	0.01878	ND	120	70-130			
1,2,3-Trichloropropane	0.0181	0.0019	mg/Kg dry	0.01878	ND	96.3	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0232	0.0094	mg/Kg dry	0.01878	ND	124	70-130			
1,2,4-Trimethylbenzene	0.0183	0.0019	mg/Kg dry	0.01878	ND	97.5	70-130			
1,3,5-Trimethylbenzene	0.0192	0.0019	mg/Kg dry	0.01878	ND	102	70-130			
Vinyl Chloride	0.0173	0.0094	mg/Kg dry	0.01878	ND	92.0	70-130			V-34
m+p Xylene	0.0384	0.0038	mg/Kg dry	0.03757	ND	102	70-130			
o-Xylene	0.0198	0.0019	mg/Kg dry	0.01878	ND	105	70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.0478*		mg/Kg dry	0.04696		102	70-130			
Surrogate: Toluene-d8	*0.0514*		mg/Kg dry	0.04696		110	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0467*		mg/Kg dry	0.04696		99.4	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B415668 - SW-846 5035										
Matrix Spike Dup (B415668-MSD1)	**Source: 25J1054-05**			Prepared & Analyzed: 10/20/25						
Acetone	0.166	0.089	mg/Kg dry	0.1788	ND	93.1	70-130	21.1	30	V-36
Benzene	0.0171	0.0018	mg/Kg dry	0.01788	ND	95.4	70-130	16.2	30	
Bromochloromethane	0.0187	0.0018	mg/Kg dry	0.01788	ND	104	70-130	16.2	30	
Bromodichloromethane	0.0192	0.0018	mg/Kg dry	0.01788	ND	108	70-130	19.2	30	
Bromoform	0.0214	0.0018	mg/Kg dry	0.01788	ND	120	70-130	16.0	30	V-20
Bromomethane	0.0133	0.0089	mg/Kg dry	0.01788	ND	74.1	70-130	8.95	30	V-20, V-34
2-Butanone (MEK)	0.187	0.036	mg/Kg dry	0.1788	ND	105	70-130	18.0	30	
n-Butylbenzene	0.0155	0.0018	mg/Kg dry	0.01788	ND	86.6	70-130	17.5	30	
sec-Butylbenzene	0.0181	0.0018	mg/Kg dry	0.01788	ND	101	70-130	17.7	30	
tert-Butylbenzene	0.0160	0.0018	mg/Kg dry	0.01788	ND	89.4	70-130	20.2	30	
Carbon Disulfide	0.0183	0.018	mg/Kg dry	0.01788	ND	102	70-130	16.2	30	
Carbon Tetrachloride	0.0183	0.0018	mg/Kg dry	0.01788	ND	102	70-130	12.2	30	
Chlorobenzene	0.0163	0.0018	mg/Kg dry	0.01788	ND	91.4	70-130	18.4	30	
Chlorodibromomethane	0.0208	0.00089	mg/Kg dry	0.01788	ND	116	70-130	19.6	30	
Chloroethane	0.0182	0.018	mg/Kg dry	0.01788	ND	102	70-130	13.9	30	
Chloroform	0.0174	0.0036	mg/Kg dry	0.01788	ND	97.2	70-130	17.6	30	
Chloromethane	0.0130	0.0089	mg/Kg dry	0.01788	ND	72.6	70-130	10.9	30	
Cyclohexane	0.0153	0.0089	mg/Kg dry	0.01788	ND	85.3	70-130	12.4	30	
1,2-Dibromo-3-chloropropane (DBCP)	0.0185	0.0018	mg/Kg dry	0.01788	ND	103	70-130	8.25	30	
1,2-Dibromoethane (EDB)	0.0183	0.00089	mg/Kg dry	0.01788	ND	102	70-130	17.3	30	
1,2-Dichlorobenzene	0.0163	0.0018	mg/Kg dry	0.01788	ND	91.3	70-130	15.4	30	
1,3-Dichlorobenzene	0.0162	0.0018	mg/Kg dry	0.01788	ND	90.7	70-130	17.9	30	
1,4-Dichlorobenzene	0.0160	0.0018	mg/Kg dry	0.01788	ND	89.3	70-130	17.1	30	
Dichlorodifluoromethane (Freon 12)	0.0193	0.018	mg/Kg dry	0.01788	ND	108	70-130	14.1	30	
1,1-Dichloroethane	0.0168	0.0018	mg/Kg dry	0.01788	ND	93.8	70-130	14.5	30	
1,2-Dichloroethane	0.0153	0.0018	mg/Kg dry	0.01788	ND	85.8	70-130	17.4	30	
1,1-Dichloroethylene	0.0171	0.0036	mg/Kg dry	0.01788	ND	95.4	70-130	15.3	30	
cis-1,2-Dichloroethylene	0.0183	0.0018	mg/Kg dry	0.01788	0.000667	98.5	70-130	10.4	30	
trans-1,2-Dichloroethylene	0.0175	0.0018	mg/Kg dry	0.01788	0.000564	94.8	70-130	10.3	30	
1,2-Dichloropropane	0.0165	0.0018	mg/Kg dry	0.01788	ND	92.1	70-130	18.5	30	
cis-1,3-Dichloropropene	0.0172	0.00089	mg/Kg dry	0.01788	ND	96.0	70-130	20.1	30	
trans-1,3-Dichloropropene	0.0178	0.00089	mg/Kg dry	0.01788	ND	99.8	70-130	17.0	30	
Ethylbenzene	0.0164	0.0018	mg/Kg dry	0.01788	ND	91.5	70-130	18.4	30	
2-Hexanone (MBK)	0.202	0.018	mg/Kg dry	0.1788	ND	113	70-130	14.2	30	
Isopropylbenzene (Cumene)	0.0169	0.0018	mg/Kg dry	0.01788	ND	94.6	70-130	18.3	30	
p-Isopropyltoluene (p-Cymene)	0.0170	0.0018	mg/Kg dry	0.01788	ND	95.0	70-130	17.8	30	
Methyl Acetate	0.0175	0.0018	mg/Kg dry	0.01788	ND	98.1	70-130	15.2	30	V-36
Methyl tert-Butyl Ether (MTBE)	0.0163	0.0036	mg/Kg dry	0.01788	ND	90.9	70-130	15.2	30	
Methyl Cyclohexane	0.0162	0.0018	mg/Kg dry	0.01788	ND	90.8	70-130	14.9	30	
Methylene Chloride	0.0167	0.018	mg/Kg dry	0.01788	ND	93.3	70-130	15.7	30	J
4-Methyl-2-pentanone (MIBK)	0.208	0.018	mg/Kg dry	0.1788	ND	116	70-130	15.9	30	
Naphthalene	0.0156	0.0036	mg/Kg dry	0.01788	ND	87.1	70-130	12.8	30	
n-Propylbenzene	0.0163	0.0018	mg/Kg dry	0.01788	ND	91.0	70-130	19.7	30	
Styrene	0.0171	0.0018	mg/Kg dry	0.01788	ND	95.6	70-130	16.4	30	
1,1,2,2-Tetrachloroethane	0.0190	0.00089	mg/Kg dry	0.01788	ND	106	70-130	16.8	30	
Tetrachloroethylene	0.0273	0.0018	mg/Kg dry	0.01788	0.00566	121	70-130	7.91	30	
Toluene	0.0165	0.0018	mg/Kg dry	0.01788	ND	92.5	70-130	19.4	30	
1,2,3-Trichlorobenzene	0.0157	0.0018	mg/Kg dry	0.01788	ND	88.0	70-130	17.8	30	
1,2,4-Trichlorobenzene	0.0152	0.0018	mg/Kg dry	0.01788	ND	84.8	70-130	15.1	30	
1,1,1-Trichloroethane	0.0180	0.0018	mg/Kg dry	0.01788	ND	100	70-130	16.1	30	
1,1,2-Trichloroethane	0.0187	0.0018	mg/Kg dry	0.01788	ND	105	70-130	16.4	30	
Trichloroethylene	0.0174	0.0018	mg/Kg dry	0.01788	0.000735	93.4	70-130	14.7	30	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B415668 - SW-846 5035										
Matrix Spike Dup (B415668-MSD1)		**Source: 25J1054-05**		Prepared & Analyzed: 10/20/25						
Trichlorofluoromethane (Freon 11)	0.0194	0.0089	mg/Kg dry	0.01788	ND	109	70-130	14.7	30	
1,2,3-Trichloropropane	0.0158	0.0018	mg/Kg dry	0.01788	ND	88.6	70-130	13.2	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0204	0.0089	mg/Kg dry	0.01788	ND	114	70-130	13.0	30	
1,2,4-Trimethylbenzene	0.0155	0.0018	mg/Kg dry	0.01788	ND	86.4	70-130	17.0	30	
1,3,5-Trimethylbenzene	0.0161	0.0018	mg/Kg dry	0.01788	ND	90.1	70-130	17.7	30	
Vinyl Chloride	0.0150	0.0089	mg/Kg dry	0.01788	ND	83.7	70-130	14.4	30	V-34
m+p Xylene	0.0317	0.0036	mg/Kg dry	0.03576	ND	88.7	70-130	19.2	30	
o-Xylene	0.0163	0.0018	mg/Kg dry	0.01788	ND	91.2	70-130	19.3	30	
Surrogate: 1,2-Dichloroethane-d4	*0.0457*		mg/Kg dry	0.04471		102	70-130			
Surrogate: Toluene-d8	*0.0490*		mg/Kg dry	0.04471		110	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0443*		mg/Kg dry	0.04471		99.2	70-130			
Batch B415670 - SW-846 5035										
Blank (B415670-BLK1)				Prepared: 10/20/25 Analyzed: 10/21/25						
Acetone	ND	2.5	mg/Kg wet							
Benzene	ND	0.050	mg/Kg wet							
Bromochloromethane	ND	0.050	mg/Kg wet							
Bromodichloromethane	ND	0.050	mg/Kg wet							
Bromoform	ND	0.050	mg/Kg wet							
Bromomethane	ND	0.10	mg/Kg wet							
2-Butanone (MEK)	ND	1.0	mg/Kg wet							
n-Butylbenzene	ND	0.050	mg/Kg wet							
sec-Butylbenzene	ND	0.050	mg/Kg wet							
tert-Butylbenzene	ND	0.050	mg/Kg wet							
Carbon Disulfide	ND	0.25	mg/Kg wet							
Carbon Tetrachloride	ND	0.050	mg/Kg wet							
Chlorobenzene	ND	0.050	mg/Kg wet							
Chlorodibromomethane	ND	0.025	mg/Kg wet							
Chloroethane	ND	0.10	mg/Kg wet							
Chloroform	ND	0.10	mg/Kg wet							
Chloromethane	ND	0.10	mg/Kg wet							
Cyclohexane	ND	0.10	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.25	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.025	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.050	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.050	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.050	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.10	mg/Kg wet							R-05
1,1-Dichloroethane	ND	0.050	mg/Kg wet							
1,2-Dichloroethane	ND	0.050	mg/Kg wet							
1,1-Dichloroethylene	ND	0.050	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
1,2-Dichloropropane	ND	0.050	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.025	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.025	mg/Kg wet							
Ethylbenzene	ND	0.050	mg/Kg wet							
2-Hexanone (MBK)	ND	0.50	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.050	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.050	mg/Kg wet							
Methyl Acetate	ND	0.50	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B415670 - SW-846 5035											
Blank (B415670-BLK1)				Prepared: 10/20/25 Analyzed: 10/21/25							
Methyl tert-Butyl Ether (MTBE)	ND	0.050	mg/Kg wet								
Methyl Cyclohexane	ND	0.050	mg/Kg wet								
Methylene Chloride	ND	0.25	mg/Kg wet								
4-Methyl-2-pentanone (MIBK)	ND	0.50	mg/Kg wet								
Naphthalene	ND	0.10	mg/Kg wet								
n-Propylbenzene	ND	0.050	mg/Kg wet								
Styrene	ND	0.050	mg/Kg wet								
1,1,2,2-Tetrachloroethane	ND	0.025	mg/Kg wet								
Tetrachloroethylene	ND	0.050	mg/Kg wet								
Toluene	ND	0.050	mg/Kg wet								
1,2,3-Trichlorobenzene	ND	0.25	mg/Kg wet								
1,2,4-Trichlorobenzene	ND	0.050	mg/Kg wet								
1,1,1-Trichloroethane	ND	0.050	mg/Kg wet								
1,1,2-Trichloroethane	ND	0.050	mg/Kg wet								
Trichloroethylene	ND	0.050	mg/Kg wet								
Trichlorofluoromethane (Freon 11)	ND	0.10	mg/Kg wet								
1,2,3-Trichloropropane	ND	0.10	mg/Kg wet								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.050	mg/Kg wet								
1,2,4-Trimethylbenzene	ND	0.050	mg/Kg wet								
1,3,5-Trimethylbenzene	ND	0.050	mg/Kg wet								
Vinyl Chloride	ND	0.10	mg/Kg wet								
m+p Xylene	ND	0.10	mg/Kg wet								
o-Xylene	ND	0.050	mg/Kg wet								
Xylenes (total)	ND	0.050	mg/Kg wet								
Surrogate: 1,2-Dichloroethane-d4	*0.0256*		mg/Kg wet	0.02500		103	70-130				
Surrogate: Toluene-d8	*0.0250*		mg/Kg wet	0.02500		99.9	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0213*		mg/Kg wet	0.02500		85.3	70-130				
LCS (B415670-BS1)				Prepared: 10/20/25 Analyzed: 10/21/25							
Acetone	3.97	2.5	mg/Kg wet	5.000		79.5	70-160				†
Benzene	0.558	0.050	mg/Kg wet	0.5000		112	70-130				
Bromochloromethane	0.608	0.050	mg/Kg wet	0.5000		122	70-130			V-20	
Bromodichloromethane	0.542	0.050	mg/Kg wet	0.5000		108	70-130				
Bromoform	0.468	0.050	mg/Kg wet	0.5000		93.5	70-130				
Bromomethane	0.404	0.10	mg/Kg wet	0.5000		80.7	40-130				†
2-Butanone (MEK)	4.55	1.0	mg/Kg wet	5.000		91.0	70-160				†
n-Butylbenzene	0.507	0.050	mg/Kg wet	0.5000		101	70-130				
sec-Butylbenzene	0.534	0.050	mg/Kg wet	0.5000		107	70-130				
tert-Butylbenzene	0.536	0.050	mg/Kg wet	0.5000		107	70-160				†
Carbon Disulfide	4.82	0.25	mg/Kg wet	5.000		96.4	70-130				
Carbon Tetrachloride	0.559	0.050	mg/Kg wet	0.5000		112	70-130				
Chlorobenzene	0.534	0.050	mg/Kg wet	0.5000		107	70-130				
Chlorodibromomethane	0.505	0.025	mg/Kg wet	0.5000		101	70-130				
Chloroethane	0.448	0.10	mg/Kg wet	0.5000		89.7	70-130				
Chloroform	0.558	0.10	mg/Kg wet	0.5000		112	70-130				
Chloromethane	0.894	0.10	mg/Kg wet	0.5000		**179**	70-130	*		L-02, V-20	
Cyclohexane	0.560	0.10	mg/Kg wet	0.5000		112	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.440	0.25	mg/Kg wet	0.5000		87.9	70-130				
1,2-Dibromoethane (EDB)	0.514	0.025	mg/Kg wet	0.5000		103	70-130				
1,2-Dichlorobenzene	0.512	0.050	mg/Kg wet	0.5000		102	70-130				
1,3-Dichlorobenzene	0.536	0.050	mg/Kg wet	0.5000		107	70-130				
1,4-Dichlorobenzene	0.494	0.050	mg/Kg wet	0.5000		98.7	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B415670 - SW-846 5035											
LCS (B415670-BS1)				Prepared: 10/20/25 Analyzed: 10/21/25							
Dichlorodifluoromethane (Freon 12)	0.571	0.10	mg/Kg wet	0.5000		114	40-160			R-05, V-20	†
1,1-Dichloroethane	0.576	0.050	mg/Kg wet	0.5000		115	70-130				
1,2-Dichloroethane	0.530	0.050	mg/Kg wet	0.5000		106	70-130				
1,1-Dichloroethylene	0.462	0.050	mg/Kg wet	0.5000		92.5	70-130				
cis-1,2-Dichloroethylene	0.556	0.050	mg/Kg wet	0.5000		111	70-130				
trans-1,2-Dichloroethylene	0.510	0.050	mg/Kg wet	0.5000		102	70-130				
1,2-Dichloropropane	0.559	0.050	mg/Kg wet	0.5000		112	70-130				
cis-1,3-Dichloropropene	0.518	0.025	mg/Kg wet	0.5000		104	70-130				
trans-1,3-Dichloropropene	0.538	0.025	mg/Kg wet	0.5000		108	70-130				
Ethylbenzene	0.534	0.050	mg/Kg wet	0.5000		107	70-130				
2-Hexanone (MBK)	3.78	0.50	mg/Kg wet	5.000		75.6	70-160				†
Isopropylbenzene (Cumene)	0.534	0.050	mg/Kg wet	0.5000		107	70-130				
p-Isopropyltoluene (p-Cymene)	0.501	0.050	mg/Kg wet	0.5000		100	70-130				
Methyl Acetate	0.460	0.50	mg/Kg wet	0.5000		91.9	70-130			J	
Methyl tert-Butyl Ether (MTBE)	0.497	0.050	mg/Kg wet	0.5000		99.4	70-130				
Methyl Cyclohexane	0.606	0.050	mg/Kg wet	0.5000		121	70-130			V-20	
Methylene Chloride	0.548	0.25	mg/Kg wet	0.5000		110	40-160				†
4-Methyl-2-pentanone (MIBK)	4.07	0.50	mg/Kg wet	5.000		81.3	70-160				†
Naphthalene	0.408	0.10	mg/Kg wet	0.5000		81.7	40-130				†
n-Propylbenzene	0.525	0.050	mg/Kg wet	0.5000		105	70-130				
Styrene	0.510	0.050	mg/Kg wet	0.5000		102	70-130				
1,1,2,2-Tetrachloroethane	0.468	0.025	mg/Kg wet	0.5000		93.6	70-130				
Tetrachloroethylene	0.564	0.050	mg/Kg wet	0.5000		113	70-130				
Toluene	0.536	0.050	mg/Kg wet	0.5000		107	70-130				
1,2,3-Trichlorobenzene	0.508	0.25	mg/Kg wet	0.5000		102	70-130				
1,2,4-Trichlorobenzene	0.504	0.050	mg/Kg wet	0.5000		101	70-130				
1,1,1-Trichloroethane	0.542	0.050	mg/Kg wet	0.5000		108	70-130				
1,1,2-Trichloroethane	0.520	0.050	mg/Kg wet	0.5000		104	70-130				
Trichloroethylene	0.544	0.050	mg/Kg wet	0.5000		109	70-130				
Trichlorofluoromethane (Freon 11)	0.509	0.10	mg/Kg wet	0.5000		102	70-130				
1,2,3-Trichloropropane	0.424	0.10	mg/Kg wet	0.5000		84.8	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.512	0.050	mg/Kg wet	0.5000		102	70-130				
1,2,4-Trimethylbenzene	0.503	0.050	mg/Kg wet	0.5000		101	70-130				
1,3,5-Trimethylbenzene	0.506	0.050	mg/Kg wet	0.5000		101	70-130				
Vinyl Chloride	0.533	0.10	mg/Kg wet	0.5000		107	40-130				†
m+p Xylene	1.05	0.10	mg/Kg wet	1.000		105	70-130				
o-Xylene	0.526	0.050	mg/Kg wet	0.5000		105	70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0264*		mg/Kg wet	0.02500		106	70-130				
Surrogate: Toluene-d8	*0.0254*		mg/Kg wet	0.02500		102	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0243*		mg/Kg wet	0.02500		97.2	70-130				
LCS Dup (B415670-BSD1)				Prepared: 10/20/25 Analyzed: 10/21/25							
Acetone	4.36	2.5	mg/Kg wet	5.000		87.2	70-160	9.26	25		†
Benzene	0.630	0.050	mg/Kg wet	0.5000		126	70-130	12.2	25		
Bromochloromethane	0.660	0.050	mg/Kg wet	0.5000		**132** *	70-130	8.20	25	L-07, V-20	
Bromodichloromethane	0.580	0.050	mg/Kg wet	0.5000		116	70-130	6.77	25		
Bromoform	0.478	0.050	mg/Kg wet	0.5000		95.6	70-130	2.22	25		
Bromomethane	0.474	0.10	mg/Kg wet	0.5000		94.9	40-130	16.2	25		†
2-Butanone (MEK)	5.11	1.0	mg/Kg wet	5.000		102	70-160	11.7	25		†
n-Butylbenzene	0.542	0.050	mg/Kg wet	0.5000		108	70-130	6.77	25		
sec-Butylbenzene	0.565	0.050	mg/Kg wet	0.5000		113	70-130	5.74	25		
tert-Butylbenzene	0.578	0.050	mg/Kg wet	0.5000		116	70-160	7.72	25		†

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD		RPD Limit	Notes	
Batch B415670 - SW-846 5035													
LCS Dup (B415670-BSD1)				Prepared: 10/20/25 Analyzed: 10/21/25									
Carbon Disulfide	6.15	0.25	mg/Kg wet	5.000		123		70-130	24.3		25		
Carbon Tetrachloride	0.635	0.050	mg/Kg wet	0.5000		127		70-130	12.7		25		
Chlorobenzene	0.594	0.050	mg/Kg wet	0.5000		119		70-130	10.7		25		
Chlorodibromomethane	0.544	0.025	mg/Kg wet	0.5000		109		70-130	7.34		25		
Chloroethane	0.524	0.10	mg/Kg wet	0.5000		105		70-130	15.6		25		
Chloroform	0.602	0.10	mg/Kg wet	0.5000		120		70-130	7.68		25		
Chloromethane	1.01	0.10	mg/Kg wet	0.5000		**203**	*	70-130	12.5		25	L-02, V-20	
Cyclohexane	0.666	0.10	mg/Kg wet	0.5000		**133**	*	70-130	17.3		25	L-07	
1,2-Dibromo-3-chloropropane (DBCP)	0.481	0.25	mg/Kg wet	0.5000		96.2		70-130	9.02		25		
1,2-Dibromoethane (EDB)	0.566	0.025	mg/Kg wet	0.5000		113		70-130	9.81		25		
1,2-Dichlorobenzene	0.570	0.050	mg/Kg wet	0.5000		114		70-130	10.6		25		
1,3-Dichlorobenzene	0.576	0.050	mg/Kg wet	0.5000		115		70-130	7.37		25		
1,4-Dichlorobenzene	0.530	0.050	mg/Kg wet	0.5000		106		70-130	7.23		25		
Dichlorodifluoromethane (Freon 12)	0.748	0.10	mg/Kg wet	0.5000		150		40-160	**26.8**	*	25	R-05, V-20	†
1,1-Dichloroethane	0.634	0.050	mg/Kg wet	0.5000		127		70-130	9.59		25		
1,2-Dichloroethane	0.550	0.050	mg/Kg wet	0.5000		110		70-130	3.61		25		
1,1-Dichloroethylene	0.526	0.050	mg/Kg wet	0.5000		105		70-130	12.9		25		
cis-1,2-Dichloroethylene	0.610	0.050	mg/Kg wet	0.5000		122		70-130	9.43		25		
trans-1,2-Dichloroethylene	0.572	0.050	mg/Kg wet	0.5000		114		70-130	11.6		25		
1,2-Dichloropropane	0.598	0.050	mg/Kg wet	0.5000		120		70-130	6.83		25		
cis-1,3-Dichloropropene	0.593	0.025	mg/Kg wet	0.5000		119		70-130	13.5		25		
trans-1,3-Dichloropropene	0.592	0.025	mg/Kg wet	0.5000		118		70-130	9.47		25		
Ethylbenzene	0.566	0.050	mg/Kg wet	0.5000		113		70-130	5.82		25		
2-Hexanone (MBK)	4.36	0.50	mg/Kg wet	5.000		87.1		70-160	14.2		25		†
Isopropylbenzene (Cumene)	0.565	0.050	mg/Kg wet	0.5000		113		70-130	5.64		25		
p-Isopropyltoluene (p-Cymene)	0.536	0.050	mg/Kg wet	0.5000		107		70-130	6.75		25		
Methyl Acetate	0.471	0.50	mg/Kg wet	0.5000		94.2		70-130	2.47		25	J	
Methyl tert-Butyl Ether (MTBE)	0.561	0.050	mg/Kg wet	0.5000		112		70-130	12.1		25		
Methyl Cyclohexane	0.686	0.050	mg/Kg wet	0.5000		**137**	*	70-130	12.5		25	L-07, V-20	
Methylene Chloride	0.619	0.25	mg/Kg wet	0.5000		124		40-160	12.2		25		†
4-Methyl-2-pentanone (MIBK)	4.58	0.50	mg/Kg wet	5.000		91.6		70-160	11.8		25		†
Naphthalene	0.446	0.10	mg/Kg wet	0.5000		89.3		40-130	8.89		25		†
n-Propylbenzene	0.549	0.050	mg/Kg wet	0.5000		110		70-130	4.47		25		
Styrene	0.554	0.050	mg/Kg wet	0.5000		111		70-130	8.46		25		
1,1,2,2-Tetrachloroethane	0.496	0.025	mg/Kg wet	0.5000		99.1		70-130	5.71		25		
Tetrachloroethylene	0.612	0.050	mg/Kg wet	0.5000		122		70-130	8.08		25		
Toluene	0.580	0.050	mg/Kg wet	0.5000		116		70-130	7.79		25		
1,2,3-Trichlorobenzene	0.496	0.25	mg/Kg wet	0.5000		99.2		70-130	2.29		25		
1,2,4-Trichlorobenzene	0.517	0.050	mg/Kg wet	0.5000		103		70-130	2.65		25		
1,1,1-Trichloroethane	0.626	0.050	mg/Kg wet	0.5000		125		70-130	14.5		25		
1,1,2-Trichloroethane	0.566	0.050	mg/Kg wet	0.5000		113		70-130	8.29		25		
Trichloroethylene	0.608	0.050	mg/Kg wet	0.5000		122		70-130	11.0		25		
Trichlorofluoromethane (Freon 11)	0.589	0.10	mg/Kg wet	0.5000		118		70-130	14.6		25		
1,2,3-Trichloropropane	0.424	0.10	mg/Kg wet	0.5000		84.7		70-130	0.118		25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.562	0.050	mg/Kg wet	0.5000		112		70-130	9.40		25		
1,2,4-Trimethylbenzene	0.544	0.050	mg/Kg wet	0.5000		109		70-130	7.74		25		
1,3,5-Trimethylbenzene	0.546	0.050	mg/Kg wet	0.5000		109		70-130	7.60		25		
Vinyl Chloride	0.640	0.10	mg/Kg wet	0.5000		128		40-130	18.2		25		†
m+p Xylene	1.12	0.10	mg/Kg wet	1.000		112		70-130	6.48		25		
o-Xylene	0.554	0.050	mg/Kg wet	0.5000		111		70-130	5.28		25		
Surrogate: 1,2-Dichloroethane-d4	*0.0259*		mg/Kg wet	0.02500		104		70-130					

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B415670 - SW-846 5035										
LCS Dup (B415670-BSD1)				Prepared: 10/20/25 Analyzed: 10/21/25						
Surrogate: Toluene-d8	*0.0254*		mg/Kg wet	0.02500		102	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0246*		mg/Kg wet	0.02500		98.4	70-130			

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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B415603 - % Solids										
Duplicate (B415603-DUP1)	**Source: 25J1054-05**			Prepared: 10/17/25 Analyzed: 10/20/25						
% Solids	95.2		% Wt		95.9			0.728	10	

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
MS-24	Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
RL-11	Elevated reporting limit due to high concentration of target compounds.
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.
V-20	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.
V-34	Initial calibration verification (ICV) did not meet method specifications and was biased on the low side for this compound. Reported result is estimated.
V-36	Initial calibration verification (ICV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Soil	
Acetone	CT,NH,NY,ME,VA
Acetone	CT,NH,NY,ME,VA
Benzene	CT,NH,NY,ME,VA
Benzene	CT,NH,NY,ME,VA
Bromochloromethane	NH,NY,ME,VA
Bromochloromethane	NH,NY,ME,VA
Bromodichloromethane	CT,NH,NY,ME,VA
Bromodichloromethane	CT,NH,NY,ME,VA
Bromoform	CT,NH,NY,ME,VA
Bromoform	CT,NH,NY,ME,VA
Bromomethane	CT,NH,NY,ME,VA
Bromomethane	CT,NH,NY,ME,VA
2-Butanone (MEK)	CT,NH,NY,ME,VA
2-Butanone (MEK)	CT,NH,NY,ME,VA
n-Butylbenzene	CT,NH,NY,ME,VA
n-Butylbenzene	CT,NH,NY,ME,VA
sec-Butylbenzene	CT,NH,NY,ME,VA
sec-Butylbenzene	CT,NH,NY,ME,VA
tert-Butylbenzene	CT,NH,NY,ME,VA
tert-Butylbenzene	CT,NH,NY,ME,VA
Carbon Disulfide	CT,NH,NY,ME,VA
Carbon Disulfide	CT,NH,NY,ME,VA
Carbon Tetrachloride	CT,NH,NY,ME,VA
Carbon Tetrachloride	CT,NH,NY,ME,VA
Chlorobenzene	CT,NH,NY,ME,VA
Chlorobenzene	CT,NH,NY,ME,VA
Chlorodibromomethane	CT,NH,NY,ME,VA
Chlorodibromomethane	CT,NH,NY,ME,VA
Chloroethane	CT,NH,NY,ME,VA
Chloroethane	CT,NH,NY,ME,VA
Chloroform	CT,NH,NY,ME,VA
Chloroform	CT,NH,NY,ME,VA
Chloromethane	CT,NH,NY,ME,VA
Chloromethane	CT,NH,NY,ME,VA
Cyclohexane	NY,ME
1,2-Dibromo-3-chloropropane (DBCP)	NY,ME
1,2-Dibromo-3-chloropropane (DBCP)	NY
1,2-Dibromoethane (EDB)	NH,NY
1,2-Dibromoethane (EDB)	NH,NY
1,2-Dichlorobenzene	CT,NH,NY,ME,VA
1,2-Dichlorobenzene	CT,NH,NY,ME,VA
1,3-Dichlorobenzene	CT,NH,NY,ME,VA
1,3-Dichlorobenzene	CT,NH,NY,ME,VA
1,4-Dichlorobenzene	CT,NH,NY,ME,VA
1,4-Dichlorobenzene	CT,NH,NY,ME,VA
Dichlorodifluoromethane (Freon 12)	NH,NY,ME,VA
Dichlorodifluoromethane (Freon 12)	NY,ME,VA

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Soil	
1,1-Dichloroethane	CT,NH,NY,ME,VA
1,1-Dichloroethane	CT,NH,NY,ME,VA
1,2-Dichloroethane	CT,NH,NY,ME,VA
1,2-Dichloroethane	CT,NH,NY,ME,VA
1,1-Dichloroethylene	CT,NH,NY,ME,VA
1,1-Dichloroethylene	CT,NH,NY,ME,VA
cis-1,2-Dichloroethylene	CT,NH,NY,ME,VA
cis-1,2-Dichloroethylene	CT,NH,NY,ME,VA
trans-1,2-Dichloroethylene	CT,NH,NY,ME,VA
trans-1,2-Dichloroethylene	CT,NH,NY,ME,VA
1,2-Dichloropropane	CT,NH,NY,ME,VA
1,2-Dichloropropane	CT,NH,NY,ME,VA
cis-1,3-Dichloropropene	CT,NH,NY,ME,VA
cis-1,3-Dichloropropene	CT,NH,NY,ME,VA
trans-1,3-Dichloropropene	CT,NH,NY,ME,VA
trans-1,3-Dichloropropene	CT,NH,NY,ME,VA
Ethylbenzene	CT,NH,NY,ME,VA
Ethylbenzene	CT,NH,NY,ME,VA
2-Hexanone (MBK)	CT,NH,NY,ME,VA
2-Hexanone (MBK)	CT,NH,NY,ME,VA
Isopropylbenzene (Cumene)	CT,NH,NY,ME,VA
Isopropylbenzene (Cumene)	CT,NH,NY,ME,VA
p-Isopropyltoluene (p-Cymene)	NH,NY
p-Isopropyltoluene (p-Cymene)	NH,NY
Methyl Acetate	NY,ME
Methyl tert-Butyl Ether (MTBE)	NY,VA
Methyl tert-Butyl Ether (MTBE)	NY,ME,VA
Methyl Cyclohexane	NY
Methylene Chloride	CT,NH,NY,ME,VA
Methylene Chloride	CT,NH,NY,ME,VA
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,ME,VA
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,VA
Naphthalene	NH,NY,ME,VA
Naphthalene	NH,NY,ME,VA
n-Propylbenzene	NH,NY
n-Propylbenzene	NH,NY,ME
Styrene	CT,NH,NY,ME,VA
Styrene	CT,NH,NY,ME,VA
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,VA
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,VA
Tetrachloroethylene	CT,NH,NY,ME,VA
Tetrachloroethylene	CT,NH,NY,ME,VA
Toluene	CT,NH,NY,ME,VA
Toluene	CT,NH,NY,ME,VA
1,2,3-Trichlorobenzene	NY,ME
1,2,4-Trichlorobenzene	NH,NY,ME,VA
1,2,4-Trichlorobenzene	NH,NY,ME,VA

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Soil	
1,1,1-Trichloroethane	CT,NH,NY,ME,VA
1,1,1-Trichloroethane	CT,NH,NY,ME,VA
1,1,2-Trichloroethane	CT,NH,NY,ME,VA
1,1,2-Trichloroethane	CT,NH,NY,ME,VA
Trichloroethylene	CT,NH,NY,ME,VA
Trichloroethylene	CT,NH,NY,ME,VA
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME,VA
Trichlorofluoromethane (Freon 11)	CT,NH,NY,VA
1,2,3-Trichloropropane	NH,NY,ME,VA
1,2,3-Trichloropropane	NH,NY,ME,VA
1,2,4-Trimethylbenzene	CT,NH,NY,ME,VA
1,2,4-Trimethylbenzene	CT,NH,NY,ME,VA
1,3,5-Trimethylbenzene	CT,NH,NY,ME,VA
1,3,5-Trimethylbenzene	CT,NH,NY,ME,VA
Vinyl Chloride	CT,NH,NY,ME,VA
Vinyl Chloride	CT,NH,NY,ME,VA
m+p Xylene	CT,NH,NY,ME,VA
m+p Xylene	CT,NH,NY,ME,VA
o-Xylene	CT,NH,NY,ME,VA
o-Xylene	CT,NH,NY,ME,VA
Xylenes (total)	NH,NY,ME
SW-846 8260D in Water	
Acetone	CT,ME,NH,VA,NY,NJ
Benzene	CT,ME,NH,VA,NY,NJ
Bromochloromethane	ME,NH,VA,NY,NJ
Bromodichloromethane	CT,ME,NH,VA,NY,NJ
Bromoform	CT,ME,NH,VA,NY,NJ
Bromomethane	CT,ME,NH,VA,NY,NJ
2-Butanone (MEK)	CT,ME,NH,VA,NY,NJ
n-Butylbenzene	ME,VA,NY,NJ
sec-Butylbenzene	ME,VA,NY,NJ
tert-Butylbenzene	ME,VA,NY,NJ
Carbon Disulfide	CT,ME,NH,VA,NY,NJ
Carbon Tetrachloride	CT,ME,NH,VA,NY,NJ
Chlorobenzene	CT,ME,NH,VA,NY,NJ
Chlorodibromomethane	CT,ME,NH,VA,NY,NJ
Chloroethane	CT,ME,NH,VA,NY,NJ
Chloroform	CT,ME,NH,VA,NY,NJ
Chloromethane	CT,ME,NH,VA,NY,NJ
Cyclohexane	ME,NY,NJ
1,2-Dibromo-3-chloropropane (DBCP)	ME,NY,NJ
1,2-Dibromoethane (EDB)	ME,NY,NJ
1,2-Dichlorobenzene	CT,ME,NH,VA,NY,NJ
1,3-Dichlorobenzene	CT,ME,NH,VA,NY,NJ
1,4-Dichlorobenzene	CT,ME,NH,VA,NY,NJ
Dichlorodifluoromethane (Freon 12)	ME,NH,VA,NY,NJ

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Water	
1,1-Dichloroethane	CT,ME,NH,VA,NY,NJ
1,2-Dichloroethane	CT,ME,NH,VA,NY,NJ
1,1-Dichloroethylene	CT,ME,NH,VA,NY,NJ
cis-1,2-Dichloroethylene	ME,NY,NJ
trans-1,2-Dichloroethylene	CT,ME,NH,VA,NY,NJ
1,2-Dichloropropane	CT,ME,NH,VA,NY,NJ
cis-1,3-Dichloropropene	CT,ME,NH,VA,NY,NJ
trans-1,3-Dichloropropene	CT,ME,NH,VA,NY,NJ
Ethylbenzene	CT,ME,NH,VA,NY,NJ
2-Hexanone (MBK)	CT,ME,NH,VA,NY,NJ
Isopropylbenzene (Cumene)	ME,VA,NY,NJ
p-Isopropyltoluene (p-Cymene)	CT,ME,NH,VA,NY,NJ
Methyl Acetate	ME,NY,NJ
Methyl tert-Butyl Ether (MTBE)	CT,ME,NH,VA,NY,NJ
Methyl Cyclohexane	NY,NJ
Methylene Chloride	CT,ME,NH,VA,NY,NJ
4-Methyl-2-pentanone (MIBK)	CT,ME,NH,VA,NY,NJ
Naphthalene	ME,NH,VA,NY,NJ
n-Propylbenzene	CT,ME,NH,VA,NY,NJ
Styrene	CT,ME,NH,VA,NY,NJ
1,1,2,2-Tetrachloroethane	CT,ME,NH,VA,NY,NJ
Tetrachloroethylene	CT,ME,NH,VA,NY,NJ
Toluene	CT,ME,NH,VA,NY,NJ
1,2,3-Trichlorobenzene	ME,NH,VA,NY,NJ
1,2,4-Trichlorobenzene	CT,ME,NH,VA,NY,NJ
1,1,1-Trichloroethane	CT,ME,NH,VA,NY,NJ
1,1,2-Trichloroethane	CT,ME,NH,VA,NY,NJ
Trichloroethylene	CT,ME,NH,VA,NY,NJ
Trichlorofluoromethane (Freon 11)	CT,ME,NH,VA,NY,NJ
1,2,3-Trichloropropane	ME,NH,VA,NY,NJ
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	VA,NY,NJ
1,2,4-Trimethylbenzene	ME,VA,NY,NJ
1,3,5-Trimethylbenzene	ME,VA,NY,NJ
Vinyl Chloride	CT,ME,NH,VA,NY,NJ
m+p Xylene	CT,ME,NH,VA,NY,NJ
o-Xylene	CT,ME,NH,VA,NY,NJ
Xylenes (total)	ME,NY,NJ

Pace Analytical Services, LLC - East Longmeadow, Ma, operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Department of Public Health	PH-0821	12/31/2026
NY	New York State Department of Health	10899 NELAP	04/1/2026
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2026
NJ	New Jersey DEP	MA007 NELAP	06/30/2026
ME	State of Maine	MA00100	06/9/2027
VA	Commonwealth of Virginia	460217	12/14/2025

25J1054

Pace Analytical

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Doc # 380 Rev 1_03242017

CHAIN OF CUSTODY RECORD (New York)

Page 1 of 1

Contact: https://www.pacelabs.com/contact-us/contact-environmental-sciences/

Company Name: NYS DEC | Consultant: Labella / EAR
Consultant Address: 225 Atlantic Ave, Patchogue NY
Consultant Phone: 631-447-6400
Callout Project Name: DEC - Glenhead 22-24
Project Location: Fresh & Clean
Callout Number:
Site/Spill Number: 130111
Project Manager: T. Vicale
Pace Analytical Quote Name/Number:
Invoice Recipient:
Sampled By: SD

Requested Turnaround Time
DEC Standard 30-calendar day ☒
Due Date:

Rush (Prior Approval Required)
1-Day ☐ 2-Day ☐ 3-Day ☐
4-Day ☐ 5-Day ☐ 10-Day ☐

Data Delivery
Format: PDF ☒ EXCEL ☒
Other: EDD
CLP Like (Level 4) Data Pkg Required: ☐
Email To: Vicale@envirosmith.com
Fax To #:

ANALYSIS REQUESTED (Circle Requested Analyses/Reporting List)

Pace Analytical Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	8260 DER TCL Oxygenates / CP-51	8260 DER TCL CP-51	1,4-Dioxane SIM	8081 Pesticide / 8082 PCBs / 8151 Herbicide	TAL Total Metals / TCLP RCRA 8 Metal	PFAS 1633 / PFAS 537 ID	# of Containers	[2] Preservation Code	[3] Container Code
1	Fuld Blank	10/14/25	1730		X	GW	U	X						3	H	V
2	Trip Blank	10/14/25	1000		X	GW	U	X						3	H	V
3	Cistern - South	10/14/25	1008		X	GW	U	X						3	H	V
4	SB - SE1 - 5-10	10/14/25	1211		X	S	U		X					4	MS	V
5	SB - SE1 - 25-30	10/14/25	1229		X	S	U		X					4	MS	V
6	SB - X	10/14/25	/		X	S	U		X					4	MS	V
5	SB - SE1 - 25-30 MS	10/14/25	1229		X	S	U		X					4	MS	V
1	SB - SE1 - 25-30 MSD	10/14/25	1229		X	S	U		X					4	MS	V

Comments: CAT B Deliverables

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Dissolved Metals Samples
☐ Field Filtered
☐ Lab to Filter

Orthophosphate Samples
☐ Field Filtered
☐ Lab to Filter

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] Container Codes:
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

	Date/Time:
Relinquished by: (signature)	10/14/25
Received by: (signature) Sample Fridge	10/14/25
Relinquished by: (signature)	10-15-25/1256
Received by: (signature)	10/15-25 1256
Relinquished by: (signature)	10/15 25 1515
Received by: (signature) 2205	10/15

Program & Regulatory Information
☐ AWQ STDS ☐ NY TOGS
☐ NYC Sewer Discharge ☐ NY CP-51
☐ Part 360 GW (Landfill)
☐ NY Restricted Use
☐ NY Unrestricted Use
☐ NY Part 375
Other:

Deliverables
☐ Enhanced Data Package
☐ NYSDEC EQuIS EDD
☐ EQuIS (Standard) EDD
☐ NY Regulatory EDD
☐ NY Regs Hits-Only EDD
Other:

NELAC and AIHA-LAP, LLC Accredited

Project Entity
☐ Government ☐ Municipality ☐ MWRA ☐ WRTA
☐ Federal ☐ 21 J ☐ School
☐ City ☐ Brownfield ☐ MBTA

Other
☐ Chromatogram
☐ AIHA-LAP,LLC

PCB ONLY
☐ Soxhlet
☐ Non Soxhlet

Cooler 3.4 10/14
Cooler 4.4 3.5 10/14/25

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ENV-FRM-ELON-0001 v09_Sample Receiving Checklist

Log In Back-Sheet

Client LaBella /Ear

Project Fresh + Clean

MCP/RCP Required N/A

Deliverable Package Requirement CAT B

Location NY

PWSID# (When Applicable) N/A

Arrival Method:

Courier ☑ Fed Ex ☐ Walk In ☐ Other ☐

Received By / Date / Time ~~DF~~ DS LA 10/16/25 345

Back-Sheet By / Date / Time DS 10/16/25 841

Temperature Method Gun # 4

WV samples: Yes (see note*) / No (follow normal procedure)

Temp ✓ < 6° C Actual Temperature 4.4

Rush Samples: Yes / (No) Notify

Short Hold: Yes / (No) Notify

Notes regarding Samples/COC outside of SOP:

Soil Vial SOPS
ONY buy is labeled
not the individual
vials.

Sample Receipt Checklist – (Rejection Criteria Listing – Using Acceptance Policy)
Any False statement will be brought to the attention of the Client – True or False

	True	False
Received on Ice	☑	☐
Received in Cooler	☑	☐
Custody Seal: DATE TIME	☐	☑
COC Relinquished	☑	☐
COC/Samples Labels Agree	☑	☐
All Samples in Good Condition	☑	☐
Samples Received within Holding Time	☑	☐
Is there enough Volume	☑	☐
Proper Media/Container Used	☑	☐
Splitting Samples Required	☐	☑
MS/MSD	☑	☐
Trip Blanks	☐	☑
Lab to Filters	☐	☑
COC Legible	☑	☐

COC Included: (Check all included)

Client ☑ Analysis ☑ Sampler Name ☑

Project ☑ IDs ☑ Collection Date/Time ☑

All Samples Proper pH:	(N/A)	☐	☐
Samples Chlorinated:	(N/A)	☐	☐

Additional Container Notes

Note: West Virginia requires all samples to have their temperature taken. Note any outliers.

DC#_Title: ENV-FRM-ELON-0157 v01_Sample Receiving Container Sheet

Effective Date:

	Soils				Ambers Glass								Plastics												Vials							Other
	16 (oz)	8 (oz)	4 (oz)	2 (oz)	1L			250mL				100 (mL)	1L		500mL		250mL						80 (mL)	Other	VOA 40mL					20mL		
	C / A	C / A	C / A	C / A	Unp.	HCl	H_2SO_4	Unp.	Phos.	HCl	H_2SO_4	Unp.	Unp.	H_2SO_4	Unp.	H_2SO_4	Unp.	Triz	H_2SO_4	HNO_3	Amm. Ace	NaOH /Zn	Unp.	Bac/ Col	Unp.	HCl	MeOH	DI	$NaHSO_4$	Unp.	HCl	other
1																										3						
2																										2						
3																										3						
4																											1		2			1
5																											3		6			3
6																											1		2			1
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Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

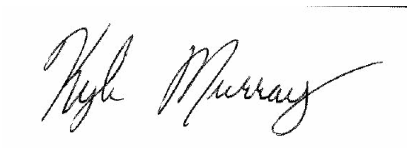
October 28, 2025

Joseph Jones
NYDEC_Environmental Assessment & Remediation
225 Atlantic Avenue
Patchogue, NY 11772

Project Location: Glen Head, NY
Client Job Number:
Project Number: 130111
Laboratory Work Order Number: 25J1157

Enclosed are results of analyses for samples as received by the laboratory on October 17, 2025. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kyle A. Murray
Project Manager

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

NYDEC_Environmental Assessment & Remediation
225 Atlantic Avenue
Patchogue, NY 11772
ATTN: Joseph Jones

REPORT DATE: 10/28/2025

PURCHASE ORDER NUMBER: 152705

PROJECT NUMBER: 130111

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 25J1157

The results of analyses performed on the following samples submitted to Pace Analytical Services, LLC - East Longmeadow, Ma, are found in this report.

PROJECT LOCATION: Glen Head, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
SB-SW1_0-5	25J1157-01	Soil		SM 2540G	
				SW-846 8260D	
SB-SW1_5-10	25J1157-02	Soil		SM 2540G	
				SW-846 8260D	
SB-NW1_0-5	25J1157-03	Soil		SM 2540G	
				SW-846 8260D	
SB-NW1_8-10	25J1157-04	Soil		SM 2540G	
				SW-846 8260D	
Trip Blank	25J1157-05	Trip Blank Water		SW-846 8260D	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

For any Soil analysis, the Method Blank, LCS, and LCSD are reported on a 100% solids basis.

Pace Analytical Services, LLC - East Longmeadow, Ma

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SW-846 8260D

Qualifications:

L-02

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

Analyte & Samples(s) Qualified:

Chloromethane
B415765-BS1, B415765-BSD1, S127548-CCV1

L-07

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:

Acetone
B415658-BSD1

Methyl Cyclohexane
B415765-BS1

Trichlorofluoromethane (Freon 11)
B415765-BSD1

Vinyl Chloride
B415765-BSD1

R-05

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

Analyte & Samples(s) Qualified:

1,2-Dichloroethane
25J1157-04[SB-NW1_8-10], B415765-BLK1, B415765-BS1, B415765-BSD1, S127548-CCV1

Methyl Acetate
25J1157-04[SB-NW1_8-10], B415765-BLK1, B415765-BS1, B415765-BSD1, S127548-CCV1

RL-11

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

25J1157-04[SB-NW1_8-10]

V-05

Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Analyte & Samples(s) Qualified:

1,2-Dibromo-3-chloropropane (DBCP)
25J1157-04[SB-NW1_8-10], B415765-BLK1, B415765-BS1, B415765-BSD1, S127548-CCV1

Acetone
25J1157-04[SB-NW1_8-10], B415765-BLK1, B415765-BS1, B415765-BSD1, S127548-CCV1

Bromomethane
25J1157-04[SB-NW1_8-10], 25J1157-05[Trip Blank], B415658-BLK1, B415658-BS1, B415658-BSD1, B415765-BLK1, B415765-BS1, B415765-BSD1, S127496-CCV1, S127548-CCV1

V-20

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

Bromochloromethane
B415658-BS1, B415658-BSD1, S127496-CCV1

Bromoform
B415668-BS1, B415668-BSD1, S127412-CCV1

Bromomethane
B415668-BS1, B415668-BSD1, S127412-CCV1

Chloromethane
B415658-BS1, B415658-BSD1, B415765-BS1, B415765-BSD1, S127496-CCV1, S127548-CCV1

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V-34

Initial calibration verification (ICV) did not meet method specifications and was biased on the low side for this compound. Reported result is estimated.

Analyte & Samples(s) Qualified:

Bromomethane

25J1157-01[SB-SW1_0-5], 25J1157-02[SB-SW1_5-10], 25J1157-03[SB-NW1_0-5], B415668-BLK1, B415668-BS1, B415668-BSD1, S127412-CCV1

Vinyl Chloride

25J1157-01[SB-SW1_0-5], 25J1157-02[SB-SW1_5-10], 25J1157-03[SB-NW1_0-5], B415668-BLK1, B415668-BS1, B415668-BSD1, S127412-CCV1

V-36

Initial calibration verification (ICV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

Acetone

B415668-BS1, B415668-BSD1, S127412-CCV1

Methyl Acetate

B415668-BS1, B415668-BSD1, S127412-CCV1

The results of analyses reported only relate to samples submitted to Pace Analytical Services, LLC - East Longmeadow, Ma, for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Lisa A. Worthington
Technical Representative

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Glen Head, NY | Sample Description: | Work Order: 25J1157

Date Received: 10/17/2025

Field Sample #: SB-SW1_0-5 | Sampled: 10/15/2025 13:03

Sample ID: 25J1157-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.098	0.013	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
Benzene	ND	0.0020	0.00069	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
Bromochloromethane	ND	0.0020	0.00096	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
Bromodichloromethane	ND	0.0020	0.00066	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
Bromoform	ND	0.0020	0.0011	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
Bromomethane	ND	0.0098	0.0015	mg/Kg dry	1	V-34	SW-846 8260D	10/20/25	10/20/25 12:46	MFF
2-Butanone (MEK)	ND	0.039	0.0084	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
n-Butylbenzene	ND	0.0020	0.00066	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
sec-Butylbenzene	ND	0.0020	0.00072	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
tert-Butylbenzene	ND	0.0020	0.00065	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
Carbon Disulfide	ND	0.020	0.012	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
Carbon Tetrachloride	ND	0.0020	0.00078	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
Chlorobenzene	ND	0.0020	0.00066	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
Chlorodibromomethane	ND	0.00098	0.00088	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
Chloroethane	ND	0.020	0.0014	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
Chloroform	ND	0.0039	0.00064	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
Chloromethane	ND	0.0098	0.0013	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
Cyclohexane	ND	0.0098	0.0040	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	0.00081	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
1,2-Dibromoethane (EDB)	ND	0.00098	0.00069	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
1,2-Dichlorobenzene	ND	0.0020	0.00060	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
1,3-Dichlorobenzene	ND	0.0020	0.00058	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
1,4-Dichlorobenzene	ND	0.0020	0.00058	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.020	0.0011	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
1,1-Dichloroethane	ND	0.0020	0.00060	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
1,2-Dichloroethane	ND	0.0020	0.00068	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
1,1-Dichloroethylene	ND	0.0039	0.00092	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
cis-1,2-Dichloroethylene	0.0022	0.0020	0.00068	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
trans-1,2-Dichloroethylene	ND	0.0020	0.00061	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
1,2-Dichloropropane	ND	0.0020	0.00063	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
cis-1,3-Dichloropropene	ND	0.00098	0.00084	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
trans-1,3-Dichloropropene	ND	0.00098	0.00078	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
Ethylbenzene	ND	0.0020	0.00053	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
2-Hexanone (MBK)	ND	0.020	0.0076	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
Isopropylbenzene (Cumene)	ND	0.0020	0.00063	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0020	0.00060	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
Methyl Acetate	ND	0.0020	0.0013	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0039	0.00077	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
Methyl Cyclohexane	ND	0.0020	0.00068	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
Methylene Chloride	ND	0.020	0.00069	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.020	0.0094	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
Naphthalene	ND	0.0039	0.00098	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
n-Propylbenzene	ND	0.0020	0.00064	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
Styrene	ND	0.0020	0.00062	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Glen Head, NY | Sample Description: | Work Order: 25J1157

Date Received: 10/17/2025

Field Sample #: SB-SW1_0-5 | Sampled: 10/15/2025 13:03

Sample ID: 25J1157-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.00098	0.00088	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
Tetrachloroethylene	0.043	0.0020	0.00081	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
Toluene	ND	0.0020	0.00053	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
1,2,3-Trichlorobenzene	ND	0.0020	0.00077	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
1,2,4-Trichlorobenzene	ND	0.0020	0.00064	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
1,1,1-Trichloroethane	ND	0.0020	0.00068	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
1,1,2-Trichloroethane	ND	0.0020	0.00052	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
Trichloroethylene	0.0031	0.0020	0.00063	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0098	0.0013	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
1,2,3-Trichloropropane	ND	0.0020	0.00088	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0098	0.0011	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
1,2,4-Trimethylbenzene	ND	0.0020	0.00082	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
1,3,5-Trimethylbenzene	ND	0.0020	0.00071	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
Vinyl Chloride	ND	0.0098	0.00079	mg/Kg dry	1	V-34	SW-846 8260D	10/20/25	10/20/25 12:46	MFF
m+p Xylene	ND	0.0039	0.0010	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
o-Xylene	ND	0.0020	0.00058	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF
Xylenes (total)	ND	0.0020	0.0020	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 12:46	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	106	70-130		10/20/25 12:46
Toluene-d8	105	70-130		10/20/25 12:46
4-Bromofluorobenzene	97.9	70-130		10/20/25 12:46

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Glen Head, NY | Sample Description: | Work Order: 25J1157

Date Received: 10/17/2025

Field Sample #: SB-SW1_0-5 | Sampled: 10/15/2025 13:03

Sample ID: 25J1157-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.6		% Wt	1		SM 2540G	10/20/25	10/20/25 13:30	JEM

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Glen Head, NY | Sample Description: | Work Order: 25J1157

Date Received: 10/17/2025

Field Sample #: SB-SW1_5-10 | Sampled: 10/15/2025 13:18

Sample ID: 25J1157-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.083	0.011	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
Benzene	ND	0.0017	0.00059	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
Bromochloromethane	ND	0.0017	0.00081	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
Bromodichloromethane	ND	0.0017	0.00056	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
Bromoform	ND	0.0017	0.00095	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
Bromomethane	ND	0.0083	0.0013	mg/Kg dry	1	V-34	SW-846 8260D	10/20/25	10/20/25 13:11	MFF
2-Butanone (MEK)	ND	0.033	0.0072	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
n-Butylbenzene	ND	0.0017	0.00056	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
sec-Butylbenzene	ND	0.0017	0.00061	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
tert-Butylbenzene	ND	0.0017	0.00055	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
Carbon Disulfide	ND	0.017	0.010	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
Carbon Tetrachloride	ND	0.0017	0.00066	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
Chlorobenzene	ND	0.0017	0.00056	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
Chlorodibromomethane	ND	0.00083	0.00075	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
Chloroethane	ND	0.017	0.0012	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
Chloroform	ND	0.0033	0.00054	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
Chloromethane	ND	0.0083	0.0011	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
Cyclohexane	ND	0.0083	0.0034	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0017	0.00069	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
1,2-Dibromoethane (EDB)	ND	0.00083	0.00059	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
1,2-Dichlorobenzene	ND	0.0017	0.00051	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
1,3-Dichlorobenzene	ND	0.0017	0.00049	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
1,4-Dichlorobenzene	ND	0.0017	0.00050	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.017	0.00093	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
1,1-Dichloroethane	ND	0.0017	0.00051	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
1,2-Dichloroethane	ND	0.0017	0.00058	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
1,1-Dichloroethylene	ND	0.0033	0.00078	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
cis-1,2-Dichloroethylene	0.0025	0.0017	0.00058	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
trans-1,2-Dichloroethylene	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
1,2-Dichloropropane	ND	0.0017	0.00053	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
cis-1,3-Dichloropropene	ND	0.00083	0.00072	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
trans-1,3-Dichloropropene	ND	0.00083	0.00066	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
Ethylbenzene	ND	0.0017	0.00045	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
2-Hexanone (MBK)	ND	0.017	0.0065	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
Isopropylbenzene (Cumene)	ND	0.0017	0.00053	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0017	0.00051	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
Methyl Acetate	ND	0.0017	0.0011	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0033	0.00066	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
Methyl Cyclohexane	ND	0.0017	0.00058	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
Methylene Chloride	ND	0.017	0.00058	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.017	0.0080	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
Naphthalene	ND	0.0033	0.00084	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
n-Propylbenzene	ND	0.0017	0.00054	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
Styrene	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Glen Head, NY | Sample Description: | Work Order: 25J1157

Date Received: 10/17/2025

Field Sample #: SB-SW1_5-10 | Sampled: 10/15/2025 13:18

Sample ID: 25J1157-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.00083	0.00075	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
Tetrachloroethylene	0.049	0.0017	0.00069	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
Toluene	ND	0.0017	0.00045	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
1,2,3-Trichlorobenzene	ND	0.0017	0.00065	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
1,2,4-Trichlorobenzene	ND	0.0017	0.00054	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
1,1,1-Trichloroethane	ND	0.0017	0.00058	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
1,1,2-Trichloroethane	ND	0.0017	0.00045	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
Trichloroethylene	0.0028	0.0017	0.00054	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0083	0.0011	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
1,2,3-Trichloropropane	ND	0.0017	0.00075	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0083	0.00095	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
1,2,4-Trimethylbenzene	ND	0.0017	0.00070	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
1,3,5-Trimethylbenzene	ND	0.0017	0.00060	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
Vinyl Chloride	ND	0.0083	0.00067	mg/Kg dry	1	V-34	SW-846 8260D	10/20/25	10/20/25 13:11	MFF
m+p Xylene	ND	0.0033	0.00088	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
o-Xylene	ND	0.0017	0.00049	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF
Xylenes (total)	ND	0.0017	0.0017	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:11	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	105	70-130		10/20/25 13:11
Toluene-d8	106	70-130		10/20/25 13:11
4-Bromofluorobenzene	96.6	70-130		10/20/25 13:11

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Glen Head, NY | Sample Description: | Work Order: 25J1157

Date Received: 10/17/2025

Field Sample #: SB-SW1_5-10 | Sampled: 10/15/2025 13:18

Sample ID: 25J1157-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.6		% Wt	1		SM 2540G	10/20/25	10/20/25 13:30	JEM

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Glen Head, NY | Sample Description: | Work Order: 25J1157

Date Received: 10/17/2025

Field Sample #: SB-NW1_0-5 | Sampled: 10/15/2025 13:22

Sample ID: 25J1157-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.076	0.010	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
Benzene	ND	0.0015	0.00054	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
Bromochloromethane	ND	0.0015	0.00074	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
Bromodichloromethane	ND	0.0015	0.00051	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
Bromoform	ND	0.0015	0.00087	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
Bromomethane	ND	0.0076	0.0012	mg/Kg dry	1	V-34	SW-846 8260D	10/20/25	10/20/25 13:37	MFF
2-Butanone (MEK)	ND	0.030	0.0065	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
n-Butylbenzene	ND	0.0015	0.00051	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
sec-Butylbenzene	ND	0.0015	0.00056	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
tert-Butylbenzene	ND	0.0015	0.00050	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
Carbon Disulfide	ND	0.015	0.0092	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
Carbon Tetrachloride	ND	0.0015	0.00061	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
Chlorobenzene	ND	0.0015	0.00051	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
Chlorodibromomethane	ND	0.00076	0.00069	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
Chloroethane	ND	0.015	0.0011	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
Chloroform	ND	0.0030	0.00050	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
Chloromethane	ND	0.0076	0.0010	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
Cyclohexane	ND	0.0076	0.0031	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0015	0.00063	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
1,2-Dibromoethane (EDB)	ND	0.00076	0.00054	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
1,2-Dichlorobenzene	ND	0.0015	0.00047	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
1,3-Dichlorobenzene	ND	0.0015	0.00045	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
1,4-Dichlorobenzene	ND	0.0015	0.00045	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.015	0.00085	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
1,1-Dichloroethane	ND	0.0015	0.00046	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
1,2-Dichloroethane	ND	0.0015	0.00053	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
1,1-Dichloroethylene	ND	0.0030	0.00071	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
cis-1,2-Dichloroethylene	0.015	0.0015	0.00053	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
trans-1,2-Dichloroethylene	0.0015	0.0015	0.00048	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
1,2-Dichloropropane	ND	0.0015	0.00049	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
cis-1,3-Dichloropropene	ND	0.00076	0.00065	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
trans-1,3-Dichloropropene	ND	0.00076	0.00061	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
Ethylbenzene	ND	0.0015	0.00041	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
2-Hexanone (MBK)	ND	0.015	0.0059	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
Isopropylbenzene (Cumene)	ND	0.0015	0.00049	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0015	0.00046	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
Methyl Acetate	ND	0.0015	0.00099	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0030	0.00060	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
Methyl Cyclohexane	ND	0.0015	0.00053	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
Methylene Chloride	ND	0.015	0.00053	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.015	0.0073	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
Naphthalene	ND	0.0030	0.00076	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
n-Propylbenzene	ND	0.0015	0.00050	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
Styrene	ND	0.0015	0.00048	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Glen Head, NY | Sample Description: | Work Order: 25J1157

Date Received: 10/17/2025

Field Sample #: SB-NW1_0-5 | Sampled: 10/15/2025 13:22

Sample ID: 25J1157-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.00076	0.00068	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
Tetrachloroethylene	51	0.54	0.080	mg/Kg dry	10		SW-846 8260D	10/20/25	10/22/25 2:21	EEH
Toluene	ND	0.0015	0.00041	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
1,2,3-Trichlorobenzene	ND	0.0015	0.00060	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
1,2,4-Trichlorobenzene	ND	0.0015	0.00050	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
1,1,1-Trichloroethane	ND	0.0015	0.00053	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
1,1,2-Trichloroethane	ND	0.0015	0.00041	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
Trichloroethylene	0.024	0.0015	0.00049	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0076	0.0010	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
1,2,3-Trichloropropane	ND	0.0015	0.00069	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0076	0.00086	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
1,2,4-Trimethylbenzene	ND	0.0015	0.00064	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
1,3,5-Trimethylbenzene	ND	0.0015	0.00055	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
Vinyl Chloride	ND	0.0076	0.00061	mg/Kg dry	1	V-34	SW-846 8260D	10/20/25	10/20/25 13:37	MFF
m+p Xylene	ND	0.0030	0.00081	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
o-Xylene	ND	0.0015	0.00045	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF
Xylenes (total)	ND	0.0015	0.0015	mg/Kg dry	1		SW-846 8260D	10/20/25	10/20/25 13:37	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	86.2	70-130		10/22/25 2:21
1,2-Dichloroethane-d4	106	70-130		10/20/25 13:37
Toluene-d8	97.3	70-130		10/22/25 2:21
Toluene-d8	106	70-130		10/20/25 13:37
4-Bromofluorobenzene	107	70-130		10/22/25 2:21
4-Bromofluorobenzene	97.6	70-130		10/20/25 13:37

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Glen Head, NY | Sample Description: | Work Order: 25J1157

Date Received: 10/17/2025

Field Sample #: SB-NW1_0-5 | Sampled: 10/15/2025 13:22

Sample ID: 25J1157-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.2		% Wt	1		SM 2540G	10/20/25	10/20/25 13:30	JEM

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Glen Head, NY | Sample Description: | Work Order: 25J1157

Date Received: 10/17/2025

Field Sample #: SB-NW1_8-10 | Sampled: 10/15/2025 13:37

Sample ID: 25J1157-04

Sample Matrix: Soil

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	8.9	0.34	mg/Kg dry	4	V-05	SW-846 8260D	10/20/25	10/22/25 18:56	EEH
Benzene	ND	0.18	0.033	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
Bromochloromethane	ND	0.18	0.060	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
Bromodichloromethane	ND	0.18	0.024	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
Bromoform	ND	0.18	0.056	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
Bromomethane	ND	0.36	0.16	mg/Kg dry	4	V-05	SW-846 8260D	10/20/25	10/22/25 18:56	EEH
2-Butanone (MEK)	ND	3.6	0.26	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
n-Butylbenzene	ND	0.18	0.026	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
sec-Butylbenzene	ND	0.18	0.025	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
tert-Butylbenzene	ND	0.18	0.024	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
Carbon Disulfide	ND	0.89	0.28	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
Carbon Tetrachloride	ND	0.18	0.031	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
Chlorobenzene	ND	0.18	0.021	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
Chlorodibromomethane	ND	0.089	0.022	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
Chloroethane	ND	0.36	0.077	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
Chloroform	ND	0.36	0.025	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
Chloromethane	ND	0.36	0.069	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
Cyclohexane	ND	0.36	0.23	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.89	0.11	mg/Kg dry	4	V-05	SW-846 8260D	10/20/25	10/22/25 18:56	EEH
1,2-Dibromoethane (EDB)	ND	0.089	0.022	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
1,2-Dichlorobenzene	ND	0.18	0.023	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
1,3-Dichlorobenzene	ND	0.18	0.024	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
1,4-Dichlorobenzene	ND	0.18	0.025	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.36	0.040	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
1,1-Dichloroethane	ND	0.18	0.033	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
1,2-Dichloroethane	ND	0.18	0.050	mg/Kg dry	4	R-05	SW-846 8260D	10/20/25	10/22/25 18:56	EEH
1,1-Dichloroethylene	ND	0.18	0.027	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
cis-1,2-Dichloroethylene	6.3	0.18	0.034	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
trans-1,2-Dichloroethylene	0.077	0.18	0.033	mg/Kg dry	4	J	SW-846 8260D	10/20/25	10/22/25 18:56	EEH
1,2-Dichloropropane	ND	0.18	0.035	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
cis-1,3-Dichloropropene	ND	0.089	0.029	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
trans-1,3-Dichloropropene	ND	0.089	0.028	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
Ethylbenzene	ND	0.18	0.020	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
2-Hexanone (MBK)	ND	1.8	0.22	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
Isopropylbenzene (Cumene)	ND	0.18	0.028	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
p-Isopropyltoluene (p-Cymene)	ND	0.18	0.025	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
Methyl Acetate	ND	1.8	0.072	mg/Kg dry	4	R-05	SW-846 8260D	10/20/25	10/22/25 18:56	EEH
Methyl tert-Butyl Ether (MTBE)	ND	0.18	0.020	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
Methyl Cyclohexane	ND	0.18	0.030	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
Methylene Chloride	ND	0.89	0.029	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
4-Methyl-2-pentanone (MIBK)	ND	1.8	0.22	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
Naphthalene	ND	0.36	0.037	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
n-Propylbenzene	ND	0.18	0.020	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
Styrene	ND	0.18	0.028	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Glen Head, NY | Sample Description: | Work Order: 25J1157

Date Received: 10/17/2025

Field Sample #: SB-NW1_8-10 | Sampled: 10/15/2025 13:37

Sample ID: 25J1157-04

Sample Matrix: Soil

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.089	0.020	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
Tetrachloroethylene	ND	0.18	0.026	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
Toluene	ND	0.18	0.019	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
1,2,3-Trichlorobenzene	ND	0.89	0.037	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
1,2,4-Trichlorobenzene	ND	0.18	0.032	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
1,1,1-Trichloroethane	ND	0.18	0.028	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
1,1,2-Trichloroethane	ND	0.18	0.027	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
Trichloroethylene	0.060	0.18	0.028	mg/Kg dry	4	J	SW-846 8260D	10/20/25	10/22/25 18:56	EEH
Trichlorofluoromethane (Freon 11)	ND	0.36	0.029	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
1,2,3-Trichloropropane	ND	0.36	0.042	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.18	0.026	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
1,2,4-Trimethylbenzene	ND	0.18	0.027	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
1,3,5-Trimethylbenzene	ND	0.18	0.028	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
Vinyl Chloride	0.18	0.36	0.039	mg/Kg dry	4	J	SW-846 8260D	10/20/25	10/22/25 18:56	EEH
m+p Xylene	ND	0.36	0.054	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
o-Xylene	ND	0.18	0.028	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH
Xylenes (total)	ND	0.18	0.18	mg/Kg dry	4		SW-846 8260D	10/20/25	10/22/25 18:56	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	107	70-130		10/22/25 18:56
Toluene-d8	99.6	70-130		10/22/25 18:56
4-Bromofluorobenzene	87.8	70-130		10/22/25 18:56

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Glen Head, NY | Sample Description: | Work Order: 25J1157

Date Received: 10/17/2025

Field Sample #: SB-NW1_8-10 | Sampled: 10/15/2025 13:37

Sample ID: 25J1157-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.4		% Wt	1		SM 2540G	10/20/25	10/20/25 13:30	JEM

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Glen Head, NY | Sample Description: | Work Order: 25J1157

Date Received: 10/17/2025

Field Sample #: Trip Blank | Sampled: 10/15/2025 00:00

Sample ID: 25J1157-05

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	1.9	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
Benzene	ND	1.0	0.19	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
Bromochloromethane	ND	1.0	0.34	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
Bromoform	ND	1.0	0.32	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
Bromomethane	ND	2.0	0.91	µg/L	1	V-05	SW-846 8260D	10/20/25	10/21/25 22:49	MFF
2-Butanone (MEK)	ND	20	1.5	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
sec-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
tert-Butylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
Carbon Tetrachloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
Chlorodibromomethane	ND	0.50	0.12	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
Chloroethane	ND	2.0	0.43	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
Chloromethane	ND	2.0	0.39	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
Cyclohexane	ND	5.0	1.3	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.62	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.12	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
1,4-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.23	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
1,1-Dichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
1,2-Dichloroethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
1,1-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.19	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.19	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
1,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
trans-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
Ethylbenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.16	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.14	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
Methyl Acetate	ND	1.0	0.40	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.11	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
Methyl Cyclohexane	ND	1.0	0.17	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
Methylene Chloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.2	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
Naphthalene	ND	2.0	0.21	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
n-Propylbenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
Styrene	ND	1.0	0.16	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Glen Head, NY | Sample Description: | Work Order: 25J1157

Date Received: 10/17/2025

Field Sample #: Trip Blank | Sampled: 10/15/2025 00:00

Sample ID: 25J1157-05

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	0.11	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
Tetrachloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.21	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
Trichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.16	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
1,2,3-Trichloropropane	ND	2.0	0.23	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.15	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
Vinyl Chloride	ND	2.0	0.22	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
m+p Xylene	ND	2.0	0.30	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
o-Xylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	10/20/25	10/21/25 22:49	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	96.4	70-130		10/21/25 22:49
Toluene-d8	99.9	70-130		10/21/25 22:49
4-Bromofluorobenzene	92.0	70-130		10/21/25 22:49

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Sample Extraction Data

Prep Method:% Solids **Analytical Method:SM 2540G**

Lab Number [Field ID]	Batch	Date
25J1157-01 [SB-SW1_0-5]	B415629	10/20/25
25J1157-02 [SB-SW1_5-10]	B415629	10/20/25
25J1157-03 [SB-NW1_0-5]	B415629	10/20/25
25J1157-04 [SB-NW1_8-10]	B415629	10/20/25

Prep Method:SW-846 5035 **Analytical Method:SW-846 8260D**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
25J1157-01 [SB-SW1_0-5]	B415668	5.60	10.0	10/20/25
25J1157-02 [SB-SW1_5-10]	B415668	6.81	10.0	10/20/25
25J1157-03 [SB-NW1_0-5]	B415668	7.32	10.0	10/20/25

Prep Method:SW-846 5035 **Analytical Method:SW-846 8260D**

Lab Number [Field ID]	Batch	Sample Amount(g)	Methanol Volume(mL)	Methanol Aliquot(mL)	Final Volume(mL)	Date
25J1157-03RE1 [SB-NW1_0-5]	B415743	5.70	5.56	0.1	50	10/20/25

Prep Method:SW-846 5035 **Analytical Method:SW-846 8260D**

Lab Number [Field ID]	Batch	Sample Amount(g)	Methanol Volume(mL)	Methanol Aliquot(mL)	Final Volume(mL)	Date
25J1157-04 [SB-NW1_8-10]	B415765	7.68	5.97	0.25	50	10/20/25

Prep Method:SW-846 5030B **Analytical Method:SW-846 8260D**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
25J1157-05 [Trip Blank]	B415658	5	5.00	10/20/25

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B415658 - SW-846 5030B										
Blank (B415658-BLK1)				Prepared: 10/20/25 Analyzed: 10/21/25						
Acetone	ND	50	µg/L							
Benzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							V-05
2-Butanone (MEK)	ND	20	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
Carbon Disulfide	ND	5.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
Cyclohexane	ND	5.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl Acetate	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methyl Cyclohexane	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B415658 - SW-846 5030B											
Blank (B415658-BLK1)				Prepared: 10/20/25 Analyzed: 10/21/25							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L								
1,2,3-Trichloropropane	ND	2.0	µg/L								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L								
1,2,4-Trimethylbenzene	ND	1.0	µg/L								
1,3,5-Trimethylbenzene	ND	1.0	µg/L								
Vinyl Chloride	ND	2.0	µg/L								
m+p Xylene	ND	2.0	µg/L								
o-Xylene	ND	1.0	µg/L								
Xylenes (total)	ND	1.0	µg/L								
Surrogate: 1,2-Dichloroethane-d4	*24.8*		µg/L	25.00		99.4	70-130				
Surrogate: Toluene-d8	*24.9*		µg/L	25.00		99.6	70-130				
Surrogate: 4-Bromofluorobenzene	*23.2*		µg/L	25.00		92.8	70-130				
LCS (B415658-BS1)				Prepared: 10/20/25 Analyzed: 10/21/25							
Acetone	72.2	50	µg/L	100.0		72.2	70-160				†
Benzene	9.50	1.0	µg/L	10.00		95.0	70-130				
Bromochloromethane	10.4	1.0	µg/L	10.00		104	70-130			V-20	
Bromodichloromethane	8.96	0.50	µg/L	10.00		89.6	70-130				
Bromoform	8.14	1.0	µg/L	10.00		81.4	70-130				
Bromomethane	7.12	2.0	µg/L	10.00		71.2	40-160			V-05	†
2-Butanone (MEK)	84.4	20	µg/L	100.0		84.4	40-160				†
n-Butylbenzene	8.35	1.0	µg/L	10.00		83.5	70-130				
sec-Butylbenzene	8.92	1.0	µg/L	10.00		89.2	70-130				
tert-Butylbenzene	9.05	1.0	µg/L	10.00		90.5	70-130				
Carbon Disulfide	91.4	5.0	µg/L	100.0		91.4	70-130				
Carbon Tetrachloride	9.02	5.0	µg/L	10.00		90.2	70-130				
Chlorobenzene	9.39	1.0	µg/L	10.00		93.9	70-130				
Chlorodibromomethane	8.51	0.50	µg/L	10.00		85.1	70-130				
Chloroethane	7.72	2.0	µg/L	10.00		77.2	70-130				
Chloroform	9.12	2.0	µg/L	10.00		91.2	70-130				
Chloromethane	13.1	2.0	µg/L	10.00		131	40-160			V-20	†
Cyclohexane	10.1	5.0	µg/L	10.00		101	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	7.77	5.0	µg/L	10.00		77.7	70-130				
1,2-Dibromoethane (EDB)	8.89	0.50	µg/L	10.00		88.9	70-130				
1,2-Dichlorobenzene	9.25	1.0	µg/L	10.00		92.5	70-130				
1,3-Dichlorobenzene	9.02	1.0	µg/L	10.00		90.2	70-130				
1,4-Dichlorobenzene	8.50	1.0	µg/L	10.00		85.0	70-130				
Dichlorodifluoromethane (Freon 12)	9.89	2.0	µg/L	10.00		98.9	40-160				†
1,1-Dichloroethane	9.55	1.0	µg/L	10.00		95.5	70-130				
1,2-Dichloroethane	8.55	1.0	µg/L	10.00		85.5	70-130				
1,1-Dichloroethylene	7.65	1.0	µg/L	10.00		76.5	70-130				
cis-1,2-Dichloroethylene	9.42	1.0	µg/L	10.00		94.2	70-130				
trans-1,2-Dichloroethylene	8.82	1.0	µg/L	10.00		88.2	70-130				
1,2-Dichloropropane	9.09	1.0	µg/L	10.00		90.9	70-130				
cis-1,3-Dichloropropene	9.05	0.50	µg/L	10.00		90.5	70-130				
trans-1,3-Dichloropropene	8.89	0.50	µg/L	10.00		88.9	70-130				
Ethylbenzene	9.05	1.0	µg/L	10.00		90.5	70-130				
2-Hexanone (MBK)	77.2	10	µg/L	100.0		77.2	70-160				†
Isopropylbenzene (Cumene)	9.08	1.0	µg/L	10.00		90.8	70-130				
p-Isopropyltoluene (p-Cymene)	8.45	1.0	µg/L	10.00		84.5	70-130				
Methyl Acetate	8.10	1.0	µg/L	10.00		81.0	70-130				
Methyl tert-Butyl Ether (MTBE)	9.11	1.0	µg/L	10.00		91.1	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B415658 - SW-846 5030B											
LCS (B415658-BS1)				Prepared: 10/20/25 Analyzed: 10/21/25							
Methyl Cyclohexane	9.68	1.0	µg/L	10.00		96.8	70-130				
Methylene Chloride	9.28	5.0	µg/L	10.00		92.8	70-130				
4-Methyl-2-pentanone (MIBK)	80.3	10	µg/L	100.0		80.3	70-160				†
Naphthalene	8.94	2.0	µg/L	10.00		89.4	40-130				†
n-Propylbenzene	8.77	1.0	µg/L	10.00		87.7	70-130				
Styrene	8.74	1.0	µg/L	10.00		87.4	70-130				
1,1,2,2-Tetrachloroethane	8.19	0.50	µg/L	10.00		81.9	70-130				
Tetrachloroethylene	9.49	1.0	µg/L	10.00		94.9	70-130				
Toluene	9.19	1.0	µg/L	10.00		91.9	70-130				
1,2,3-Trichlorobenzene	9.63	5.0	µg/L	10.00		96.3	70-130				
1,2,4-Trichlorobenzene	8.65	1.0	µg/L	10.00		86.5	70-130				
1,1,1-Trichloroethane	8.99	1.0	µg/L	10.00		89.9	70-130				
1,1,2-Trichloroethane	9.14	1.0	µg/L	10.00		91.4	70-130				
Trichloroethylene	9.27	1.0	µg/L	10.00		92.7	70-130				
Trichlorofluoromethane (Freon 11)	8.04	2.0	µg/L	10.00		80.4	70-130				
1,2,3-Trichloropropane	7.40	2.0	µg/L	10.00		74.0	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.08	1.0	µg/L	10.00		80.8	70-130				
1,2,4-Trimethylbenzene	8.86	1.0	µg/L	10.00		88.6	70-130				
1,3,5-Trimethylbenzene	8.74	1.0	µg/L	10.00		87.4	70-130				
Vinyl Chloride	9.18	2.0	µg/L	10.00		91.8	40-160				†
m+p Xylene	17.9	2.0	µg/L	20.00		89.3	70-130				
o-Xylene	9.14	1.0	µg/L	10.00		91.4	70-130				
Xylenes (total)	27.0	1.0	µg/L	30.00		90.0	0-200				
Surrogate: 1,2-Dichloroethane-d4	*23.9*		µg/L	25.00		95.7	70-130				
Surrogate: Toluene-d8	*25.1*		µg/L	25.00		100	70-130				
Surrogate: 4-Bromofluorobenzene	*24.2*		µg/L	25.00		96.9	70-130				
LCS Dup (B415658-BSD1)				Prepared: 10/20/25 Analyzed: 10/21/25							
Acetone	67.3	50	µg/L	100.0		**67.3**	* 70-160	7.05	25	L-07	†
Benzene	9.17	1.0	µg/L	10.00		91.7	70-130	3.54	25		
Bromochloromethane	10.2	1.0	µg/L	10.00		102	70-130	1.36	25	V-20	
Bromodichloromethane	8.86	0.50	µg/L	10.00		88.6	70-130	1.12	25		
Bromoform	7.40	1.0	µg/L	10.00		74.0	70-130	9.52	25		
Bromomethane	6.93	2.0	µg/L	10.00		69.3	40-160	2.70	25	V-05	†
2-Butanone (MEK)	84.7	20	µg/L	100.0		84.7	40-160	0.449	25		†
n-Butylbenzene	7.49	1.0	µg/L	10.00		74.9	70-130	10.9	25		
sec-Butylbenzene	8.01	1.0	µg/L	10.00		80.1	70-130	10.8	25		
tert-Butylbenzene	8.38	1.0	µg/L	10.00		83.8	70-130	7.69	25		
Carbon Disulfide	86.5	5.0	µg/L	100.0		86.5	70-130	5.49	25		
Carbon Tetrachloride	8.48	5.0	µg/L	10.00		84.8	70-130	6.17	25		
Chlorobenzene	8.92	1.0	µg/L	10.00		89.2	70-130	5.13	25		
Chlorodibromomethane	8.32	0.50	µg/L	10.00		83.2	70-130	2.26	25		
Chloroethane	7.56	2.0	µg/L	10.00		75.6	70-130	2.09	25		
Chloroform	8.96	2.0	µg/L	10.00		89.6	70-130	1.77	25		
Chloromethane	12.9	2.0	µg/L	10.00		129	40-160	1.53	25	V-20	†
Cyclohexane	9.60	5.0	µg/L	10.00		96.0	70-130	5.08	25		
1,2-Dibromo-3-chloropropane (DBCP)	7.60	5.0	µg/L	10.00		76.0	70-130	2.21	25		
1,2-Dibromoethane (EDB)	8.79	0.50	µg/L	10.00		87.9	70-130	1.13	25		
1,2-Dichlorobenzene	7.93	1.0	µg/L	10.00		79.3	70-130	15.4	25		
1,3-Dichlorobenzene	8.38	1.0	µg/L	10.00		83.8	70-130	7.36	25		
1,4-Dichlorobenzene	7.81	1.0	µg/L	10.00		78.1	70-130	8.46	25		
Dichlorodifluoromethane (Freon 12)	9.39	2.0	µg/L	10.00		93.9	40-160	5.19	25		†

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B415658 - SW-846 5030B										
LCS Dup (B415658-BSD1)				Prepared: 10/20/25 Analyzed: 10/21/25						
1,1-Dichloroethane	9.18	1.0	µg/L	10.00		91.8	70-130	3.95	25	
1,2-Dichloroethane	8.22	1.0	µg/L	10.00		82.2	70-130	3.94	25	
1,1-Dichloroethylene	7.01	1.0	µg/L	10.00		70.1	70-130	8.73	25	
cis-1,2-Dichloroethylene	8.78	1.0	µg/L	10.00		87.8	70-130	7.03	25	
trans-1,2-Dichloroethylene	8.44	1.0	µg/L	10.00		84.4	70-130	4.40	25	
1,2-Dichloropropane	8.77	1.0	µg/L	10.00		87.7	70-130	3.58	25	
cis-1,3-Dichloropropene	8.48	0.50	µg/L	10.00		84.8	70-130	6.50	25	
trans-1,3-Dichloropropene	8.88	0.50	µg/L	10.00		88.8	70-130	0.113	25	
Ethylbenzene	8.62	1.0	µg/L	10.00		86.2	70-130	4.87	25	
2-Hexanone (MBK)	72.6	10	µg/L	100.0		72.6	70-160	6.22	25	†
Isopropylbenzene (Cumene)	8.45	1.0	µg/L	10.00		84.5	70-130	7.19	25	
p-Isopropyltoluene (p-Cymene)	7.70	1.0	µg/L	10.00		77.0	70-130	9.29	25	
Methyl Acetate	7.71	1.0	µg/L	10.00		77.1	70-130	4.93	25	
Methyl tert-Butyl Ether (MTBE)	8.64	1.0	µg/L	10.00		86.4	70-130	5.30	25	
Methyl Cyclohexane	9.38	1.0	µg/L	10.00		93.8	70-130	3.15	25	
Methylene Chloride	9.04	5.0	µg/L	10.00		90.4	70-130	2.62	25	
4-Methyl-2-pentanone (MIBK)	75.8	10	µg/L	100.0		75.8	70-160	5.69	25	†
Naphthalene	7.80	2.0	µg/L	10.00		78.0	40-130	13.6	25	†
n-Propylbenzene	8.14	1.0	µg/L	10.00		81.4	70-130	7.45	25	
Styrene	8.49	1.0	µg/L	10.00		84.9	70-130	2.90	25	
1,1,2,2-Tetrachloroethane	8.04	0.50	µg/L	10.00		80.4	70-130	1.85	25	
Tetrachloroethylene	8.96	1.0	µg/L	10.00		89.6	70-130	5.75	25	
Toluene	8.73	1.0	µg/L	10.00		87.3	70-130	5.13	25	
1,2,3-Trichlorobenzene	8.56	5.0	µg/L	10.00		85.6	70-130	11.8	25	
1,2,4-Trichlorobenzene	8.08	1.0	µg/L	10.00		80.8	70-130	6.81	25	
1,1,1-Trichloroethane	8.56	1.0	µg/L	10.00		85.6	70-130	4.90	25	
1,1,2-Trichloroethane	8.82	1.0	µg/L	10.00		88.2	70-130	3.56	25	
Trichloroethylene	8.59	1.0	µg/L	10.00		85.9	70-130	7.61	25	
Trichlorofluoromethane (Freon 11)	7.72	2.0	µg/L	10.00		77.2	70-130	4.06	25	
1,2,3-Trichloropropane	7.47	2.0	µg/L	10.00		74.7	70-130	0.941	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.53	1.0	µg/L	10.00		75.3	70-130	7.05	25	
1,2,4-Trimethylbenzene	8.14	1.0	µg/L	10.00		81.4	70-130	8.47	25	
1,3,5-Trimethylbenzene	8.01	1.0	µg/L	10.00		80.1	70-130	8.72	25	
Vinyl Chloride	8.58	2.0	µg/L	10.00		85.8	40-160	6.76	25	†
m+p Xylene	16.7	2.0	µg/L	20.00		83.7	70-130	6.47	25	
o-Xylene	8.42	1.0	µg/L	10.00		84.2	70-130	8.20	25	
Xylenes (total)	25.2	1.0	µg/L	30.00		83.9	0-200	7.06		
Surrogate: 1,2-Dichloroethane-d4	*24.0*		µg/L	25.00		95.8	70-130			
Surrogate: Toluene-d8	*25.2*		µg/L	25.00		101	70-130			
Surrogate: 4-Bromofluorobenzene	*25.0*		µg/L	25.00		100	70-130			
Batch B415668 - SW-846 5035										
Blank (B415668-BLK1)				Prepared & Analyzed: 10/20/25						
Acetone	ND	0.10	mg/Kg wet							
Benzene	ND	0.0020	mg/Kg wet							
Bromochloromethane	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.0020	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							V-34
2-Butanone (MEK)	ND	0.040	mg/Kg wet							
n-Butylbenzene	ND	0.0020	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B415668 - SW-846 5035										
Blank (B415668-BLK1)				Prepared & Analyzed: 10/20/25						
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							
Carbon Disulfide	ND	0.020	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
Cyclohexane	ND	0.010	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Ethylbenzene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl Acetate	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							
Methyl Cyclohexane	ND	0.0020	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.0040	mg/Kg wet							
n-Propylbenzene	ND	0.0020	mg/Kg wet							
Styrene	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							
Tetrachloroethylene	ND	0.0020	mg/Kg wet							
Toluene	ND	0.0020	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet							
Trichloroethylene	ND	0.0020	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet							
Vinyl Chloride	ND	0.010	mg/Kg wet							V-34
m+p Xylene	ND	0.0040	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B415668 - SW-846 5035											
Blank (B415668-BLK1)				Prepared & Analyzed: 10/20/25							
o-Xylene	ND	0.0020	mg/Kg wet								
Xylenes (total)	ND	0.0020	mg/Kg wet								
Surrogate: 1,2-Dichloroethane-d4	*0.0528*		mg/Kg wet	0.05000		106	70-130				
Surrogate: Toluene-d8	*0.0524*		mg/Kg wet	0.05000		105	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0495*		mg/Kg wet	0.05000		99.1	70-130				
LCS (B415668-BS1)				Prepared & Analyzed: 10/20/25							
Acetone	0.189	0.10	mg/Kg wet	0.2000		94.4	70-160			V-36	†
Benzene	0.0184	0.0020	mg/Kg wet	0.02000		91.8	70-130				
Bromochloromethane	0.0205	0.0020	mg/Kg wet	0.02000		102	70-130				
Bromodichloromethane	0.0220	0.0020	mg/Kg wet	0.02000		110	70-130				
Bromoform	0.0256	0.0020	mg/Kg wet	0.02000		128	70-130			V-20	
Bromomethane	0.0246	0.010	mg/Kg wet	0.02000		123	40-130			V-20, V-34	†
2-Butanone (MEK)	0.219	0.040	mg/Kg wet	0.2000		110	70-160				†
n-Butylbenzene	0.0169	0.0020	mg/Kg wet	0.02000		84.3	70-130				
sec-Butylbenzene	0.0187	0.0020	mg/Kg wet	0.02000		93.6	70-130				
tert-Butylbenzene	0.0177	0.0020	mg/Kg wet	0.02000		88.4	70-160				†
Carbon Disulfide	0.192	0.020	mg/Kg wet	0.2000		95.9	70-130				
Carbon Tetrachloride	0.0187	0.0020	mg/Kg wet	0.02000		93.5	70-130				
Chlorobenzene	0.0188	0.0020	mg/Kg wet	0.02000		93.9	70-130				
Chlorodibromomethane	0.0237	0.0010	mg/Kg wet	0.02000		118	70-130				
Chloroethane	0.0217	0.020	mg/Kg wet	0.02000		109	70-130				
Chloroform	0.0186	0.0040	mg/Kg wet	0.02000		92.8	70-130				
Chloromethane	0.0171	0.010	mg/Kg wet	0.02000		85.6	70-130				
Cyclohexane	0.0170	0.010	mg/Kg wet	0.02000		84.8	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0218	0.0020	mg/Kg wet	0.02000		109	70-130				
1,2-Dibromoethane (EDB)	0.0214	0.0010	mg/Kg wet	0.02000		107	70-130				
1,2-Dichlorobenzene	0.0181	0.0020	mg/Kg wet	0.02000		90.6	70-130				
1,3-Dichlorobenzene	0.0177	0.0020	mg/Kg wet	0.02000		88.5	70-130				
1,4-Dichlorobenzene	0.0179	0.0020	mg/Kg wet	0.02000		89.5	70-130				
Dichlorodifluoromethane (Freon 12)	0.0217	0.020	mg/Kg wet	0.02000		108	40-160				†
1,1-Dichloroethane	0.0182	0.0020	mg/Kg wet	0.02000		91.1	70-130				
1,2-Dichloroethane	0.0183	0.0020	mg/Kg wet	0.02000		91.7	70-130				
1,1-Dichloroethylene	0.0170	0.0040	mg/Kg wet	0.02000		85.1	70-130				
cis-1,2-Dichloroethylene	0.0174	0.0020	mg/Kg wet	0.02000		87.2	70-130				
trans-1,2-Dichloroethylene	0.0177	0.0020	mg/Kg wet	0.02000		88.7	70-130				
1,2-Dichloropropane	0.0188	0.0020	mg/Kg wet	0.02000		94.1	70-130				
cis-1,3-Dichloropropene	0.0203	0.0010	mg/Kg wet	0.02000		102	70-130				
trans-1,3-Dichloropropene	0.0209	0.0010	mg/Kg wet	0.02000		105	70-130				
Ethylbenzene	0.0183	0.0020	mg/Kg wet	0.02000		91.3	70-130				
2-Hexanone (MBK)	0.240	0.020	mg/Kg wet	0.2000		120	70-160				†
Isopropylbenzene (Cumene)	0.0185	0.0020	mg/Kg wet	0.02000		92.6	70-130				
p-Isopropyltoluene (p-Cymene)	0.0176	0.0020	mg/Kg wet	0.02000		88.2	70-130				
Methyl Acetate	0.0232	0.0020	mg/Kg wet	0.02000		116	70-130			V-36	
Methyl tert-Butyl Ether (MTBE)	0.0188	0.0040	mg/Kg wet	0.02000		94.1	70-130				
Methyl Cyclohexane	0.0200	0.0020	mg/Kg wet	0.02000		100	70-130				
Methylene Chloride	0.0185	0.020	mg/Kg wet	0.02000		92.6	40-160			J	†
4-Methyl-2-pentanone (MIBK)	0.243	0.020	mg/Kg wet	0.2000		121	70-160				†
Naphthalene	0.0180	0.0040	mg/Kg wet	0.02000		89.8	40-130				†
n-Propylbenzene	0.0181	0.0020	mg/Kg wet	0.02000		90.4	70-130				
Styrene	0.0185	0.0020	mg/Kg wet	0.02000		92.6	70-130				
1,1,2,2-Tetrachloroethane	0.0204	0.0010	mg/Kg wet	0.02000		102	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B415668 - SW-846 5035											
LCS (B415668-BS1)				Prepared & Analyzed: 10/20/25							
Tetrachloroethylene	0.0199	0.0020	mg/Kg wet	0.02000		99.4	70-130				
Toluene	0.0193	0.0020	mg/Kg wet	0.02000		96.5	70-130				
1,2,3-Trichlorobenzene	0.0173	0.0020	mg/Kg wet	0.02000		86.5	70-130				
1,2,4-Trichlorobenzene	0.0162	0.0020	mg/Kg wet	0.02000		81.2	70-130				
1,1,1-Trichloroethane	0.0192	0.0020	mg/Kg wet	0.02000		96.1	70-130				
1,1,2-Trichloroethane	0.0209	0.0020	mg/Kg wet	0.02000		104	70-130				
Trichloroethylene	0.0189	0.0020	mg/Kg wet	0.02000		94.3	70-130				
Trichlorofluoromethane (Freon 11)	0.0207	0.010	mg/Kg wet	0.02000		104	70-130				
1,2,3-Trichloropropane	0.0196	0.0020	mg/Kg wet	0.02000		98.0	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0195	0.010	mg/Kg wet	0.02000		97.6	70-130				
1,2,4-Trimethylbenzene	0.0170	0.0020	mg/Kg wet	0.02000		85.2	70-130				
1,3,5-Trimethylbenzene	0.0178	0.0020	mg/Kg wet	0.02000		89.2	70-130				
Vinyl Chloride	0.0199	0.010	mg/Kg wet	0.02000		99.4	40-130			V-34	†
m+p Xylene	0.0366	0.0040	mg/Kg wet	0.04000		91.5	70-130				
o-Xylene	0.0186	0.0020	mg/Kg wet	0.02000		92.8	70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0445*		mg/Kg wet	0.05000		89.1	70-130				
Surrogate: Toluene-d8	*0.0530*		mg/Kg wet	0.05000		106	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0493*		mg/Kg wet	0.05000		98.6	70-130				
LCS Dup (B415668-BSD1)				Prepared & Analyzed: 10/20/25							
Acetone	0.202	0.10	mg/Kg wet	0.2000		101	70-160	6.83	25	V-36	†
Benzene	0.0192	0.0020	mg/Kg wet	0.02000		96.2	70-130	4.68	25		
Bromochloromethane	0.0210	0.0020	mg/Kg wet	0.02000		105	70-130	2.60	25		
Bromodichloromethane	0.0215	0.0020	mg/Kg wet	0.02000		108	70-130	2.39	25		
Bromoform	0.0252	0.0020	mg/Kg wet	0.02000		126	70-130	1.73	25	V-20	
Bromomethane	0.0258	0.010	mg/Kg wet	0.02000		129	40-130	4.68	25	V-20, V-34	†
2-Butanone (MEK)	0.233	0.040	mg/Kg wet	0.2000		116	70-160	5.88	25		†
n-Butylbenzene	0.0163	0.0020	mg/Kg wet	0.02000		81.6	70-130	3.25	25		
sec-Butylbenzene	0.0181	0.0020	mg/Kg wet	0.02000		90.6	70-130	3.26	25		
tert-Butylbenzene	0.0172	0.0020	mg/Kg wet	0.02000		85.8	70-160	2.99	25		†
Carbon Disulfide	0.199	0.020	mg/Kg wet	0.2000		99.4	70-130	3.58	25		
Carbon Tetrachloride	0.0199	0.0020	mg/Kg wet	0.02000		99.6	70-130	6.32	25		
Chlorobenzene	0.0185	0.0020	mg/Kg wet	0.02000		92.4	70-130	1.61	25		
Chlorodibromomethane	0.0228	0.0010	mg/Kg wet	0.02000		114	70-130	3.61	25		
Chloroethane	0.0225	0.020	mg/Kg wet	0.02000		112	70-130	3.35	25		
Chloroform	0.0203	0.0040	mg/Kg wet	0.02000		101	70-130	8.76	25		
Chloromethane	0.0177	0.010	mg/Kg wet	0.02000		88.6	70-130	3.44	25		
Cyclohexane	0.0177	0.010	mg/Kg wet	0.02000		88.4	70-130	4.16	25		
1,2-Dibromo-3-chloropropane (DBCP)	0.0216	0.0020	mg/Kg wet	0.02000		108	70-130	0.828	25		
1,2-Dibromoethane (EDB)	0.0203	0.0010	mg/Kg wet	0.02000		102	70-130	5.08	25		
1,2-Dichlorobenzene	0.0175	0.0020	mg/Kg wet	0.02000		87.3	70-130	3.71	25		
1,3-Dichlorobenzene	0.0173	0.0020	mg/Kg wet	0.02000		86.6	70-130	2.17	25		
1,4-Dichlorobenzene	0.0176	0.0020	mg/Kg wet	0.02000		87.8	70-130	1.92	25		
Dichlorodifluoromethane (Freon 12)	0.0221	0.020	mg/Kg wet	0.02000		110	40-160	1.74	25		†
1,1-Dichloroethane	0.0189	0.0020	mg/Kg wet	0.02000		94.6	70-130	3.77	25		
1,2-Dichloroethane	0.0180	0.0020	mg/Kg wet	0.02000		89.9	70-130	1.98	25		
1,1-Dichloroethylene	0.0188	0.0040	mg/Kg wet	0.02000		94.1	70-130	10.0	25		
cis-1,2-Dichloroethylene	0.0181	0.0020	mg/Kg wet	0.02000		90.4	70-130	3.60	25		
trans-1,2-Dichloroethylene	0.0184	0.0020	mg/Kg wet	0.02000		92.1	70-130	3.76	25		
1,2-Dichloropropane	0.0189	0.0020	mg/Kg wet	0.02000		94.3	70-130	0.212	25		
cis-1,3-Dichloropropene	0.0199	0.0010	mg/Kg wet	0.02000		99.6	70-130	1.89	25		
trans-1,3-Dichloropropene	0.0203	0.0010	mg/Kg wet	0.02000		101	70-130	3.30	25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B415668 - SW-846 5035											
LCS Dup (B415668-BSD1)				Prepared & Analyzed: 10/20/25							
Ethylbenzene	0.0181	0.0020	mg/Kg wet	0.02000		90.6	70-130	0.770	25		
2-Hexanone (MBK)	0.230	0.020	mg/Kg wet	0.2000		115	70-160	4.47	25		†
Isopropylbenzene (Cumene)	0.0182	0.0020	mg/Kg wet	0.02000		91.1	70-130	1.63	25		
p-Isopropyltoluene (p-Cymene)	0.0168	0.0020	mg/Kg wet	0.02000		83.8	70-130	5.12	25		
Methyl Acetate	0.0254	0.0020	mg/Kg wet	0.02000		127	70-130	9.07	25	V-36	
Methyl tert-Butyl Ether (MTBE)	0.0189	0.0040	mg/Kg wet	0.02000		94.4	70-130	0.318	25		
Methyl Cyclohexane	0.0190	0.0020	mg/Kg wet	0.02000		95.0	70-130	5.33	25		
Methylene Chloride	0.0189	0.020	mg/Kg wet	0.02000		94.4	40-160	1.93	25	J	†
4-Methyl-2-pentanone (MIBK)	0.232	0.020	mg/Kg wet	0.2000		116	70-160	4.62	25		†
Naphthalene	0.0171	0.0040	mg/Kg wet	0.02000		85.4	40-130	5.02	25		†
n-Propylbenzene	0.0175	0.0020	mg/Kg wet	0.02000		87.7	70-130	3.03	25		
Styrene	0.0182	0.0020	mg/Kg wet	0.02000		90.9	70-130	1.85	25		
1,1,2,2-Tetrachloroethane	0.0199	0.0010	mg/Kg wet	0.02000		99.7	70-130	2.18	25		
Tetrachloroethylene	0.0195	0.0020	mg/Kg wet	0.02000		97.4	70-130	2.03	25		
Toluene	0.0191	0.0020	mg/Kg wet	0.02000		95.3	70-130	1.25	25		
1,2,3-Trichlorobenzene	0.0167	0.0020	mg/Kg wet	0.02000		83.4	70-130	3.65	25		
1,2,4-Trichlorobenzene	0.0153	0.0020	mg/Kg wet	0.02000		76.4	70-130	6.09	25		
1,1,1-Trichloroethane	0.0199	0.0020	mg/Kg wet	0.02000		99.5	70-130	3.48	25		
1,1,2-Trichloroethane	0.0199	0.0020	mg/Kg wet	0.02000		99.6	70-130	4.61	25		
Trichloroethylene	0.0190	0.0020	mg/Kg wet	0.02000		95.1	70-130	0.845	25		
Trichlorofluoromethane (Freon 11)	0.0217	0.010	mg/Kg wet	0.02000		108	70-130	4.72	25		
1,2,3-Trichloropropane	0.0194	0.0020	mg/Kg wet	0.02000		96.8	70-130	1.23	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0205	0.010	mg/Kg wet	0.02000		102	70-130	4.70	25		
1,2,4-Trimethylbenzene	0.0165	0.0020	mg/Kg wet	0.02000		82.7	70-130	2.98	25		
1,3,5-Trimethylbenzene	0.0174	0.0020	mg/Kg wet	0.02000		87.2	70-130	2.27	25		
Vinyl Chloride	0.0205	0.010	mg/Kg wet	0.02000		102	40-130	2.97	25	V-34	†
m+p Xylene	0.0357	0.0040	mg/Kg wet	0.04000		89.2	70-130	2.55	25		
o-Xylene	0.0180	0.0020	mg/Kg wet	0.02000		89.9	70-130	3.17	25		
Surrogate: 1,2-Dichloroethane-d4	*0.0474*		mg/Kg wet	0.05000		94.7	70-130				
Surrogate: Toluene-d8	*0.0532*		mg/Kg wet	0.05000		106	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0493*		mg/Kg wet	0.05000		98.6	70-130				
Batch B415743 - SW-846 5035											
Blank (B415743-BLK1)				Prepared & Analyzed: 10/21/25							
Tetrachloroethylene	ND	0.050	mg/Kg wet								
Surrogate: 1,2-Dichloroethane-d4	*0.0214*		mg/Kg wet	0.02500		85.6	70-130				
Surrogate: Toluene-d8	*0.0242*		mg/Kg wet	0.02500		96.9	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0270*		mg/Kg wet	0.02500		108	70-130				
LCS (B415743-BS1)				Prepared & Analyzed: 10/21/25							
Tetrachloroethylene	0.546	0.050	mg/Kg wet	0.5000		109	70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0216*		mg/Kg wet	0.02500		86.6	70-130				
Surrogate: Toluene-d8	*0.0245*		mg/Kg wet	0.02500		98.1	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0260*		mg/Kg wet	0.02500		104	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B415743 - SW-846 5035										
LCS Dup (B415743-BSD1)				Prepared & Analyzed: 10/21/25						
Tetrachloroethylene	0.594	0.050	mg/Kg wet	0.5000		119	70-130	8.41	25	
Surrogate: 1,2-Dichloroethane-d4	*0.0220*		mg/Kg wet	0.02500		88.2	70-130			
Surrogate: Toluene-d8	*0.0251*		mg/Kg wet	0.02500		100	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0278*		mg/Kg wet	0.02500		111	70-130			
Batch B415765 - SW-846 5035										
Blank (B415765-BLK1)				Prepared: 10/21/25 Analyzed: 10/22/25						
Acetone	ND	2.5	mg/Kg wet							V-05
Benzene	ND	0.050	mg/Kg wet							
Bromochloromethane	ND	0.050	mg/Kg wet							
Bromodichloromethane	ND	0.050	mg/Kg wet							
Bromoform	ND	0.050	mg/Kg wet							
Bromomethane	ND	0.10	mg/Kg wet							V-05
2-Butanone (MEK)	ND	1.0	mg/Kg wet							
n-Butylbenzene	ND	0.050	mg/Kg wet							
sec-Butylbenzene	ND	0.050	mg/Kg wet							
tert-Butylbenzene	ND	0.050	mg/Kg wet							
Carbon Disulfide	ND	0.25	mg/Kg wet							
Carbon Tetrachloride	ND	0.050	mg/Kg wet							
Chlorobenzene	ND	0.050	mg/Kg wet							
Chlorodibromomethane	ND	0.025	mg/Kg wet							
Chloroethane	ND	0.10	mg/Kg wet							
Chloroform	ND	0.10	mg/Kg wet							
Chloromethane	ND	0.10	mg/Kg wet							
Cyclohexane	ND	0.10	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.25	mg/Kg wet							V-05
1,2-Dibromoethane (EDB)	ND	0.025	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.050	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.050	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.050	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.10	mg/Kg wet							
1,1-Dichloroethane	ND	0.050	mg/Kg wet							
1,2-Dichloroethane	ND	0.050	mg/Kg wet							R-05
1,1-Dichloroethylene	ND	0.050	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
1,2-Dichloropropane	ND	0.050	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.025	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.025	mg/Kg wet							
Ethylbenzene	ND	0.050	mg/Kg wet							
2-Hexanone (MBK)	ND	0.50	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.050	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.050	mg/Kg wet							
Methyl Acetate	ND	0.50	mg/Kg wet							R-05
Methyl tert-Butyl Ether (MTBE)	ND	0.050	mg/Kg wet							
Methyl Cyclohexane	ND	0.050	mg/Kg wet							
Methylene Chloride	ND	0.25	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.50	mg/Kg wet							
Naphthalene	ND	0.10	mg/Kg wet							
n-Propylbenzene	ND	0.050	mg/Kg wet							
Styrene	ND	0.050	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.025	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B415765 - SW-846 5035												
Blank (B415765-BLK1)				Prepared: 10/21/25 Analyzed: 10/22/25								
Tetrachloroethylene	ND	0.050	mg/Kg wet									
Toluene	ND	0.050	mg/Kg wet									
1,2,3-Trichlorobenzene	ND	0.25	mg/Kg wet									
1,2,4-Trichlorobenzene	ND	0.050	mg/Kg wet									
1,1,1-Trichloroethane	ND	0.050	mg/Kg wet									
1,1,2-Trichloroethane	ND	0.050	mg/Kg wet									
Trichloroethylene	ND	0.050	mg/Kg wet									
Trichlorofluoromethane (Freon 11)	ND	0.10	mg/Kg wet									
1,2,3-Trichloropropane	ND	0.10	mg/Kg wet									
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.050	mg/Kg wet									
1,2,4-Trimethylbenzene	ND	0.050	mg/Kg wet									
1,3,5-Trimethylbenzene	ND	0.050	mg/Kg wet									
Vinyl Chloride	ND	0.10	mg/Kg wet									
m+p Xylene	ND	0.10	mg/Kg wet									
o-Xylene	ND	0.050	mg/Kg wet									
Xylenes (total)	ND	0.050	mg/Kg wet									
Surrogate: 1,2-Dichloroethane-d4	*0.0263*		mg/Kg wet	0.02500		105		70-130				
Surrogate: Toluene-d8	*0.0249*		mg/Kg wet	0.02500		99.6		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0231*		mg/Kg wet	0.02500		92.6		70-130				
LCS (B415765-BS1)				Prepared: 10/21/25 Analyzed: 10/22/25								
Acetone	4.10	2.5	mg/Kg wet	5.000		82.0		70-160			V-05	†
Benzene	0.609	0.050	mg/Kg wet	0.5000		122		70-130				
Bromochloromethane	0.586	0.050	mg/Kg wet	0.5000		117		70-130				
Bromodichloromethane	0.586	0.050	mg/Kg wet	0.5000		117		70-130				
Bromoform	0.485	0.050	mg/Kg wet	0.5000		97.0		70-130				
Bromomethane	0.362	0.10	mg/Kg wet	0.5000		72.3		40-130			V-05	†
2-Butanone (MEK)	6.08	1.0	mg/Kg wet	5.000		122		70-160				†
n-Butylbenzene	0.562	0.050	mg/Kg wet	0.5000		112		70-130				
sec-Butylbenzene	0.537	0.050	mg/Kg wet	0.5000		107		70-130				
tert-Butylbenzene	0.522	0.050	mg/Kg wet	0.5000		104		70-160				†
Carbon Disulfide	5.04	0.25	mg/Kg wet	5.000		101		70-130				
Carbon Tetrachloride	0.566	0.050	mg/Kg wet	0.5000		113		70-130				
Chlorobenzene	0.582	0.050	mg/Kg wet	0.5000		116		70-130				
Chlorodibromomethane	0.524	0.025	mg/Kg wet	0.5000		105		70-130				
Chloroethane	0.564	0.10	mg/Kg wet	0.5000		113		70-130				
Chloroform	0.546	0.10	mg/Kg wet	0.5000		109		70-130				
Chloromethane	0.762	0.10	mg/Kg wet	0.5000		**152**	*	70-130			L-02, V-20	
Cyclohexane	0.596	0.10	mg/Kg wet	0.5000		119		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.506	0.25	mg/Kg wet	0.5000		101		70-130			V-05	
1,2-Dibromoethane (EDB)	0.561	0.025	mg/Kg wet	0.5000		112		70-130				
1,2-Dichlorobenzene	0.549	0.050	mg/Kg wet	0.5000		110		70-130				
1,3-Dichlorobenzene	0.551	0.050	mg/Kg wet	0.5000		110		70-130				
1,4-Dichlorobenzene	0.543	0.050	mg/Kg wet	0.5000		109		70-130				
Dichlorodifluoromethane (Freon 12)	0.676	0.10	mg/Kg wet	0.5000		135		40-160				†
1,1-Dichloroethane	0.543	0.050	mg/Kg wet	0.5000		109		70-130				
1,2-Dichloroethane	0.540	0.050	mg/Kg wet	0.5000		108		70-130			R-05	
1,1-Dichloroethylene	0.490	0.050	mg/Kg wet	0.5000		97.9		70-130				
cis-1,2-Dichloroethylene	0.546	0.050	mg/Kg wet	0.5000		109		70-130				
trans-1,2-Dichloroethylene	0.492	0.050	mg/Kg wet	0.5000		98.3		70-130				
1,2-Dichloropropane	0.619	0.050	mg/Kg wet	0.5000		124		70-130				
cis-1,3-Dichloropropene	0.584	0.025	mg/Kg wet	0.5000		117		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B415765 - SW-846 5035												
LCS (B415765-BS1)				Prepared: 10/21/25 Analyzed: 10/22/25								
trans-1,3-Dichloropropene	0.610	0.025	mg/Kg wet	0.5000		122		70-130				
Ethylbenzene	0.566	0.050	mg/Kg wet	0.5000		113		70-130				
2-Hexanone (MBK)	5.93	0.50	mg/Kg wet	5.000		119		70-160				†
Isopropylbenzene (Cumene)	0.560	0.050	mg/Kg wet	0.5000		112		70-130				
p-Isopropyltoluene (p-Cymene)	0.524	0.050	mg/Kg wet	0.5000		105		70-130				
Methyl Acetate	0.366	0.50	mg/Kg wet	0.5000		73.1		70-130			J, R-05	
Methyl tert-Butyl Ether (MTBE)	0.524	0.050	mg/Kg wet	0.5000		105		70-130				
Methyl Cyclohexane	0.676	0.050	mg/Kg wet	0.5000		**135**	*	70-130			L-07	
Methylene Chloride	0.510	0.25	mg/Kg wet	0.5000		102		40-160				†
4-Methyl-2-pentanone (MIBK)	5.27	0.50	mg/Kg wet	5.000		105		70-160				†
Naphthalene	0.554	0.10	mg/Kg wet	0.5000		111		40-130				†
n-Propylbenzene	0.565	0.050	mg/Kg wet	0.5000		113		70-130				
Styrene	0.550	0.050	mg/Kg wet	0.5000		110		70-130				
1,1,2,2-Tetrachloroethane	0.532	0.025	mg/Kg wet	0.5000		106		70-130				
Tetrachloroethylene	0.614	0.050	mg/Kg wet	0.5000		123		70-130				
Toluene	0.586	0.050	mg/Kg wet	0.5000		117		70-130				
1,2,3-Trichlorobenzene	0.591	0.25	mg/Kg wet	0.5000		118		70-130				
1,2,4-Trichlorobenzene	0.602	0.050	mg/Kg wet	0.5000		120		70-130				
1,1,1-Trichloroethane	0.580	0.050	mg/Kg wet	0.5000		116		70-130				
1,1,2-Trichloroethane	0.574	0.050	mg/Kg wet	0.5000		115		70-130				
Trichloroethylene	0.586	0.050	mg/Kg wet	0.5000		117		70-130				
Trichlorofluoromethane (Freon 11)	0.584	0.10	mg/Kg wet	0.5000		117		70-130				
1,2,3-Trichloropropane	0.470	0.10	mg/Kg wet	0.5000		94.1		70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.516	0.050	mg/Kg wet	0.5000		103		70-130				
1,2,4-Trimethylbenzene	0.532	0.050	mg/Kg wet	0.5000		106		70-130				
1,3,5-Trimethylbenzene	0.550	0.050	mg/Kg wet	0.5000		110		70-130				
Vinyl Chloride	0.602	0.10	mg/Kg wet	0.5000		120		40-130				†
m+p Xylene	1.11	0.10	mg/Kg wet	1.000		111		70-130				
o-Xylene	0.558	0.050	mg/Kg wet	0.5000		112		70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0251*		mg/Kg wet	0.02500		100		70-130				
Surrogate: Toluene-d8	*0.0260*		mg/Kg wet	0.02500		104		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0246*		mg/Kg wet	0.02500		98.2		70-130				
LCS Dup (B415765-BSD1)				Prepared: 10/21/25 Analyzed: 10/22/25								
Acetone	4.60	2.5	mg/Kg wet	5.000		91.9		70-160	11.4	25	V-05	†
Benzene	0.524	0.050	mg/Kg wet	0.5000		105		70-130	15.1	25		
Bromochloromethane	0.592	0.050	mg/Kg wet	0.5000		118		70-130	1.02	25		
Bromodichloromethane	0.550	0.050	mg/Kg wet	0.5000		110		70-130	6.43	25		
Bromoform	0.480	0.050	mg/Kg wet	0.5000		95.9		70-130	1.14	25		
Bromomethane	0.434	0.10	mg/Kg wet	0.5000		86.8		40-130	18.2	25	V-05	†
2-Butanone (MEK)	6.90	1.0	mg/Kg wet	5.000		138		70-160	12.6	25		†
n-Butylbenzene	0.534	0.050	mg/Kg wet	0.5000		107		70-130	5.20	25		
sec-Butylbenzene	0.517	0.050	mg/Kg wet	0.5000		103		70-130	3.80	25		
tert-Butylbenzene	0.529	0.050	mg/Kg wet	0.5000		106		70-160	1.24	25		†
Carbon Disulfide	5.54	0.25	mg/Kg wet	5.000		111		70-130	9.31	25		
Carbon Tetrachloride	0.554	0.050	mg/Kg wet	0.5000		111		70-130	2.14	25		
Chlorobenzene	0.549	0.050	mg/Kg wet	0.5000		110		70-130	5.84	25		
Chlorodibromomethane	0.499	0.025	mg/Kg wet	0.5000		99.8		70-130	4.98	25		
Chloroethane	0.614	0.10	mg/Kg wet	0.5000		123		70-130	8.49	25		
Chloroform	0.583	0.10	mg/Kg wet	0.5000		117		70-130	6.55	25		
Chloromethane	0.919	0.10	mg/Kg wet	0.5000		**184**	*	70-130	18.6	25	L-02, V-20	
Cyclohexane	0.552	0.10	mg/Kg wet	0.5000		110		70-130	7.58	25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD		RPD Limit	Notes	
Batch B415765 - SW-846 5035													
LCS Dup (B415765-BSD1)				Prepared: 10/21/25 Analyzed: 10/22/25									
1,2-Dibromo-3-chloropropane (DBCP)	0.476	0.25	mg/Kg wet	0.5000		95.2		70-130	6.11		25	V-05	
1,2-Dibromoethane (EDB)	0.550	0.025	mg/Kg wet	0.5000		110		70-130	1.98		25		
1,2-Dichlorobenzene	0.556	0.050	mg/Kg wet	0.5000		111		70-130	1.27		25		
1,3-Dichlorobenzene	0.562	0.050	mg/Kg wet	0.5000		112		70-130	1.89		25		
1,4-Dichlorobenzene	0.554	0.050	mg/Kg wet	0.5000		111		70-130	2.10		25		
Dichlorodifluoromethane (Freon 12)	0.781	0.10	mg/Kg wet	0.5000		156		40-160	14.3		25		†
1,1-Dichloroethane	0.616	0.050	mg/Kg wet	0.5000		123		70-130	12.6		25		
1,2-Dichloroethane	0.412	0.050	mg/Kg wet	0.5000		82.5		70-130	**26.8**	*	25	R-05	
1,1-Dichloroethylene	0.530	0.050	mg/Kg wet	0.5000		106		70-130	7.85		25		
cis-1,2-Dichloroethylene	0.592	0.050	mg/Kg wet	0.5000		118		70-130	7.91		25		
trans-1,2-Dichloroethylene	0.556	0.050	mg/Kg wet	0.5000		111		70-130	12.4		25		
1,2-Dichloropropane	0.583	0.050	mg/Kg wet	0.5000		117		70-130	5.99		25		
cis-1,3-Dichloropropene	0.547	0.025	mg/Kg wet	0.5000		109		70-130	6.63		25		
trans-1,3-Dichloropropene	0.556	0.025	mg/Kg wet	0.5000		111		70-130	9.17		25		
Ethylbenzene	0.546	0.050	mg/Kg wet	0.5000		109		70-130	3.42		25		
2-Hexanone (MBK)	5.60	0.50	mg/Kg wet	5.000		112		70-160	5.75		25		†
Isopropylbenzene (Cumene)	0.524	0.050	mg/Kg wet	0.5000		105		70-130	6.55		25		
p-Isopropyltoluene (p-Cymene)	0.528	0.050	mg/Kg wet	0.5000		106		70-130	0.666		25		
Methyl Acetate	0.474	0.50	mg/Kg wet	0.5000		94.7		70-130	**25.7**	*	25	R-05, J	
Methyl tert-Butyl Ether (MTBE)	0.556	0.050	mg/Kg wet	0.5000		111		70-130	5.93		25		
Methyl Cyclohexane	0.629	0.050	mg/Kg wet	0.5000		126		70-130	7.13		25		
Methylene Chloride	0.557	0.25	mg/Kg wet	0.5000		111		40-160	8.81		25		†
4-Methyl-2-pentanone (MIBK)	5.44	0.50	mg/Kg wet	5.000		109		70-160	3.09		25		†
Naphthalene	0.542	0.10	mg/Kg wet	0.5000		108		40-130	2.10		25		†
n-Propylbenzene	0.538	0.050	mg/Kg wet	0.5000		108		70-130	4.80		25		
Styrene	0.536	0.050	mg/Kg wet	0.5000		107		70-130	2.67		25		
1,1,2,2-Tetrachloroethane	0.515	0.025	mg/Kg wet	0.5000		103		70-130	3.25		25		
Tetrachloroethylene	0.589	0.050	mg/Kg wet	0.5000		118		70-130	4.07		25		
Toluene	0.549	0.050	mg/Kg wet	0.5000		110		70-130	6.61		25		
1,2,3-Trichlorobenzene	0.615	0.25	mg/Kg wet	0.5000		123		70-130	3.98		25		
1,2,4-Trichlorobenzene	0.562	0.050	mg/Kg wet	0.5000		112		70-130	6.87		25		
1,1,1-Trichloroethane	0.562	0.050	mg/Kg wet	0.5000		112		70-130	3.06		25		
1,1,2-Trichloroethane	0.552	0.050	mg/Kg wet	0.5000		110		70-130	3.82		25		
Trichloroethylene	0.570	0.050	mg/Kg wet	0.5000		114		70-130	2.85		25		
Trichlorofluoromethane (Freon 11)	0.654	0.10	mg/Kg wet	0.5000		**131**	*	70-130	11.4		25	L-07	
1,2,3-Trichloropropane	0.504	0.10	mg/Kg wet	0.5000		101		70-130	6.97		25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.571	0.050	mg/Kg wet	0.5000		114		70-130	10.2		25		
1,2,4-Trimethylbenzene	0.520	0.050	mg/Kg wet	0.5000		104		70-130	2.38		25		
1,3,5-Trimethylbenzene	0.528	0.050	mg/Kg wet	0.5000		106		70-130	4.17		25		
Vinyl Chloride	0.684	0.10	mg/Kg wet	0.5000		**137**	*	40-130	12.8		25	L-07	†
m+p Xylene	1.05	0.10	mg/Kg wet	1.000		105		70-130	5.76		25		
o-Xylene	0.518	0.050	mg/Kg wet	0.5000		104		70-130	7.34		25		
Surrogate: 1,2-Dichloroethane-d4	*0.0249*		mg/Kg wet	0.02500		99.7		70-130					
Surrogate: Toluene-d8	*0.0256*		mg/Kg wet	0.02500		102		70-130					
Surrogate: 4-Bromofluorobenzene	*0.0248*		mg/Kg wet	0.02500		99.0		70-130					

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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B415629 - % Solids										
Duplicate (B415629-DUP1)	**Source: 25J1157-01**		Prepared & Analyzed: 10/20/25							
% Solids	90.9		% Wt		91.6			0.726	10	

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
RL-11	Elevated reporting limit due to high concentration of target compounds.
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.
V-20	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.
V-34	Initial calibration verification (ICV) did not meet method specifications and was biased on the low side for this compound. Reported result is estimated.
V-36	Initial calibration verification (ICV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Pace Analytical Services, LLC - East Longmeadow, Ma

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Soil	
Acetone	CT,NH,NY,ME,VA
Acetone	CT,NH,NY,ME,VA
Benzene	CT,NH,NY,ME,VA
Benzene	CT,NH,NY,ME,VA
Bromochloromethane	NH,NY,ME,VA
Bromochloromethane	NH,NY,ME,VA
Bromodichloromethane	CT,NH,NY,ME,VA
Bromodichloromethane	CT,NH,NY,ME,VA
Bromoform	CT,NH,NY,ME,VA
Bromoform	CT,NH,NY,ME,VA
Bromomethane	CT,NH,NY,ME,VA
Bromomethane	CT,NH,NY,ME,VA
2-Butanone (MEK)	CT,NH,NY,ME,VA
2-Butanone (MEK)	CT,NH,NY,ME,VA
n-Butylbenzene	CT,NH,NY,ME,VA
n-Butylbenzene	CT,NH,NY,ME,VA
sec-Butylbenzene	CT,NH,NY,ME,VA
sec-Butylbenzene	CT,NH,NY,ME,VA
tert-Butylbenzene	CT,NH,NY,ME,VA
tert-Butylbenzene	CT,NH,NY,ME,VA
Carbon Disulfide	CT,NH,NY,ME,VA
Carbon Disulfide	CT,NH,NY,ME,VA
Carbon Tetrachloride	CT,NH,NY,ME,VA
Carbon Tetrachloride	CT,NH,NY,ME,VA
Chlorobenzene	CT,NH,NY,ME,VA
Chlorobenzene	CT,NH,NY,ME,VA
Chlorodibromomethane	CT,NH,NY,ME,VA
Chlorodibromomethane	CT,NH,NY,ME,VA
Chloroethane	CT,NH,NY,ME,VA
Chloroethane	CT,NH,NY,ME,VA
Chloroform	CT,NH,NY,ME,VA
Chloroform	CT,NH,NY,ME,VA
Chloromethane	CT,NH,NY,ME,VA
Chloromethane	CT,NH,NY,ME,VA
Cyclohexane	NY,ME
1,2-Dibromo-3-chloropropane (DBCP)	NY,ME
1,2-Dibromo-3-chloropropane (DBCP)	NY
1,2-Dibromoethane (EDB)	NH,NY
1,2-Dibromoethane (EDB)	NH,NY
1,2-Dichlorobenzene	CT,NH,NY,ME,VA
1,2-Dichlorobenzene	CT,NH,NY,ME,VA
1,3-Dichlorobenzene	CT,NH,NY,ME,VA
1,3-Dichlorobenzene	CT,NH,NY,ME,VA
1,4-Dichlorobenzene	CT,NH,NY,ME,VA
1,4-Dichlorobenzene	CT,NH,NY,ME,VA
Dichlorodifluoromethane (Freon 12)	NH,NY,ME,VA
Dichlorodifluoromethane (Freon 12)	NY,ME,VA

Pace Analytical Services, LLC - East Longmeadow, Ma

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Soil	
1,1-Dichloroethane	CT,NH,NY,ME,VA
1,1-Dichloroethane	CT,NH,NY,ME,VA
1,2-Dichloroethane	CT,NH,NY,ME,VA
1,2-Dichloroethane	CT,NH,NY,ME,VA
1,1-Dichloroethylene	CT,NH,NY,ME,VA
1,1-Dichloroethylene	CT,NH,NY,ME,VA
cis-1,2-Dichloroethylene	CT,NH,NY,ME,VA
cis-1,2-Dichloroethylene	CT,NH,NY,ME,VA
trans-1,2-Dichloroethylene	CT,NH,NY,ME,VA
trans-1,2-Dichloroethylene	CT,NH,NY,ME,VA
1,2-Dichloropropane	CT,NH,NY,ME,VA
1,2-Dichloropropane	CT,NH,NY,ME,VA
cis-1,3-Dichloropropene	CT,NH,NY,ME,VA
cis-1,3-Dichloropropene	CT,NH,NY,ME,VA
trans-1,3-Dichloropropene	CT,NH,NY,ME,VA
trans-1,3-Dichloropropene	CT,NH,NY,ME,VA
Ethylbenzene	CT,NH,NY,ME,VA
Ethylbenzene	CT,NH,NY,ME,VA
2-Hexanone (MBK)	CT,NH,NY,ME,VA
2-Hexanone (MBK)	CT,NH,NY,ME,VA
Isopropylbenzene (Cumene)	CT,NH,NY,ME,VA
Isopropylbenzene (Cumene)	CT,NH,NY,ME,VA
p-Isopropyltoluene (p-Cymene)	NH,NY
p-Isopropyltoluene (p-Cymene)	NH,NY
Methyl Acetate	NY,ME
Methyl tert-Butyl Ether (MTBE)	NY,VA
Methyl tert-Butyl Ether (MTBE)	NY,ME,VA
Methyl Cyclohexane	NY
Methylene Chloride	CT,NH,NY,ME,VA
Methylene Chloride	CT,NH,NY,ME,VA
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,ME,VA
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,VA
Naphthalene	NH,NY,ME,VA
Naphthalene	NH,NY,ME,VA
n-Propylbenzene	NH,NY
n-Propylbenzene	NH,NY,ME
Styrene	CT,NH,NY,ME,VA
Styrene	CT,NH,NY,ME,VA
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,VA
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,VA
Tetrachloroethylene	CT,NH,NY,ME,VA
Tetrachloroethylene	CT,NH,NY,ME,VA
Toluene	CT,NH,NY,ME,VA
Toluene	CT,NH,NY,ME,VA
1,2,3-Trichlorobenzene	NY,ME
1,2,4-Trichlorobenzene	NH,NY,ME,VA
1,2,4-Trichlorobenzene	NH,NY,ME,VA

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Soil	
1,1,1-Trichloroethane	CT,NH,NY,ME,VA
1,1,1-Trichloroethane	CT,NH,NY,ME,VA
1,1,2-Trichloroethane	CT,NH,NY,ME,VA
1,1,2-Trichloroethane	CT,NH,NY,ME,VA
Trichloroethylene	CT,NH,NY,ME,VA
Trichloroethylene	CT,NH,NY,ME,VA
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME,VA
Trichlorofluoromethane (Freon 11)	CT,NH,NY,VA
1,2,3-Trichloropropane	NH,NY,ME,VA
1,2,3-Trichloropropane	NH,NY,ME,VA
1,2,4-Trimethylbenzene	CT,NH,NY,ME,VA
1,2,4-Trimethylbenzene	CT,NH,NY,ME,VA
1,3,5-Trimethylbenzene	CT,NH,NY,ME,VA
1,3,5-Trimethylbenzene	CT,NH,NY,ME,VA
Vinyl Chloride	CT,NH,NY,ME,VA
Vinyl Chloride	CT,NH,NY,ME,VA
m+p Xylene	CT,NH,NY,ME,VA
m+p Xylene	CT,NH,NY,ME,VA
o-Xylene	CT,NH,NY,ME,VA
o-Xylene	CT,NH,NY,ME,VA
Xylenes (total)	NH,NY,ME
SW-846 8260D in Water	
Acetone	CT,ME,NH,VA,NY,NJ
Benzene	CT,ME,NH,VA,NY,NJ
Bromochloromethane	ME,NH,VA,NY,NJ
Bromodichloromethane	CT,ME,NH,VA,NY,NJ
Bromoform	CT,ME,NH,VA,NY,NJ
Bromomethane	CT,ME,NH,VA,NY,NJ
2-Butanone (MEK)	CT,ME,NH,VA,NY,NJ
n-Butylbenzene	ME,VA,NY,NJ
sec-Butylbenzene	ME,VA,NY,NJ
tert-Butylbenzene	ME,VA,NY,NJ
Carbon Disulfide	CT,ME,NH,VA,NY,NJ
Carbon Tetrachloride	CT,ME,NH,VA,NY,NJ
Chlorobenzene	CT,ME,NH,VA,NY,NJ
Chlorodibromomethane	CT,ME,NH,VA,NY,NJ
Chloroethane	CT,ME,NH,VA,NY,NJ
Chloroform	CT,ME,NH,VA,NY,NJ
Chloromethane	CT,ME,NH,VA,NY,NJ
Cyclohexane	ME,NY,NJ
1,2-Dibromo-3-chloropropane (DBCP)	ME,NY,NJ
1,2-Dibromoethane (EDB)	ME,NY,NJ
1,2-Dichlorobenzene	CT,ME,NH,VA,NY,NJ
1,3-Dichlorobenzene	CT,ME,NH,VA,NY,NJ
1,4-Dichlorobenzene	CT,ME,NH,VA,NY,NJ
Dichlorodifluoromethane (Freon 12)	ME,NH,VA,NY,NJ

Pace Analytical Services, LLC - East Longmeadow, Ma

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Water	
1,1-Dichloroethane	CT,ME,NH,VA,NY,NJ
1,2-Dichloroethane	CT,ME,NH,VA,NY,NJ
1,1-Dichloroethylene	CT,ME,NH,VA,NY,NJ
cis-1,2-Dichloroethylene	ME,NY,NJ
trans-1,2-Dichloroethylene	CT,ME,NH,VA,NY,NJ
1,2-Dichloropropane	CT,ME,NH,VA,NY,NJ
cis-1,3-Dichloropropene	CT,ME,NH,VA,NY,NJ
trans-1,3-Dichloropropene	CT,ME,NH,VA,NY,NJ
Ethylbenzene	CT,ME,NH,VA,NY,NJ
2-Hexanone (MBK)	CT,ME,NH,VA,NY,NJ
Isopropylbenzene (Cumene)	ME,VA,NY,NJ
p-Isopropyltoluene (p-Cymene)	CT,ME,NH,VA,NY,NJ
Methyl Acetate	ME,NY,NJ
Methyl tert-Butyl Ether (MTBE)	CT,ME,NH,VA,NY,NJ
Methyl Cyclohexane	NY,NJ
Methylene Chloride	CT,ME,NH,VA,NY,NJ
4-Methyl-2-pentanone (MIBK)	CT,ME,NH,VA,NY,NJ
Naphthalene	ME,NH,VA,NY,NJ
n-Propylbenzene	CT,ME,NH,VA,NY,NJ
Styrene	CT,ME,NH,VA,NY,NJ
1,1,2,2-Tetrachloroethane	CT,ME,NH,VA,NY,NJ
Tetrachloroethylene	CT,ME,NH,VA,NY,NJ
Toluene	CT,ME,NH,VA,NY,NJ
1,2,3-Trichlorobenzene	ME,NH,VA,NY,NJ
1,2,4-Trichlorobenzene	CT,ME,NH,VA,NY,NJ
1,1,1-Trichloroethane	CT,ME,NH,VA,NY,NJ
1,1,2-Trichloroethane	CT,ME,NH,VA,NY,NJ
Trichloroethylene	CT,ME,NH,VA,NY,NJ
Trichlorofluoromethane (Freon 11)	CT,ME,NH,VA,NY,NJ
1,2,3-Trichloropropane	ME,NH,VA,NY,NJ
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	VA,NY,NJ
1,2,4-Trimethylbenzene	ME,VA,NY,NJ
1,3,5-Trimethylbenzene	ME,VA,NY,NJ
Vinyl Chloride	CT,ME,NH,VA,NY,NJ
m+p Xylene	CT,ME,NH,VA,NY,NJ
o-Xylene	CT,ME,NH,VA,NY,NJ
Xylenes (total)	ME,NY,NJ

Pace Analytical Services, LLC - East Longmeadow, Ma, operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Department of Public Health	PH-0821	12/31/2026
NY	New York State Department of Health	10899 NELAP	04/1/2026
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2026
NJ	New Jersey DEP	MA007 NELAP	06/30/2026
ME	State of Maine	MA00100	06/9/2027
VA	Commonwealth of Virginia	460217	12/14/2025

25J1157

Pace Analytical

Phone: 413-525-2332
39 Spruce St
East Longmeadow, MA 01028

https://www.pacelabs.com/

Doc # 380 Rev 1_03242017

CHAIN OF CUSTODY RECORD (New York)

Page ____ of ____

Contact: https://www.pacelabs.com/contact-us/contact-environmental-sciences/

Company Name: NYS DEC | Consultant: Labelle / EAR
Consultant Address: 225 Atlantic Ave, Patchogue NY
Consultant Phone: 631-447-6900
Callout Project Name: DEC - Glenhead 22-26
Project Location: Fresh and clean
Callout Number:
Site/Spill Number: 13011
Project Manager: T. Vicali
Pace Analytical Quote Name/Number:
Invoice Recipient:
Sampled By: SD

Requested Turnaround Time
DEC Standard 30-calendar day ☑
Due Date:

Rush (Prior Approval Required)
1-Day ☐ 2-Day ☐ 3-Day ☐
4-Day ☐ 5-Day ☐ 10-Day ☐

Data Delivery
Format: PDF ☑ EXCEL ☑
Other: Equis EDD
CLP Like (Level 4) Data Pkg Required: ☐
Email To: vicali@environmt.com
Fax To #:

ANALYSIS REQUESTED (Circle Requested Analyses/Reporting List)

Pace Analytical Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	8260: DER TCL / Oxygenates / CP-51	8270: DER TCL / CP-51	1,4-Dioxane SIM | 8082 PCBs	8081 Pesticide | 8151 Herbicide	TAL Total Metals | TCLP RCRA 8 Metal	PFAS 1633 | PFAS 537 ID	# of Containers	[2] Preservation Code	[3] Container Code
1	SB-SW1_0-5	10/15/25	1303	X		S	U	X						4	I	G
2	SB-SW1_5-10	↓	1318	X		S	U	X						4	I	G
3	SB-NW1_0-5		1322	X		S	U	X						4	I	G
4	SB-NW1_8-10	↓	1337	X		S	U	X						4	I	G
5	Trip Blank	↓	/		X	GW		X						2	H	V

Dissolved Metals Samples
☐ Field Filtered
☐ Lab to Filter

Orthophosphate Samples
☐ Field Filtered
☐ Lab to Filter

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] **Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Comments: CAT B deliverables / Level IV

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time: 10/17/25	
Received by: (signature) Sample Fridge	Date/Time: 10/15/25	
Relinquished by: (signature)	Date/Time: 10/16/25 1330	
Received by: (signature)	Date/Time: 10/16/25 1545	
Relinquished by: (signature)	Date/Time:	
Received by: (signature)	Date/Time: 10/16 2200	

Program & Regulatory Information
☐ AWQ STDS ☐ NY TOGS
☐ NYC Sewer Discharge ☐ NY CP-51
☐ Part 360 GW (Landfill)
☐ NY Restricted Use
☐ NY Unrestricted Use
☐ NY Part 375
Other:

Deliverables
☐ Enhanced Data Package
☐ NYSDEC EQuIS EDD
☐ EQuIS (Standard) EDD
☐ NY Regulatory EDD
☐ NY Regs Hits-Only EDD
Other:
NELAC and AIHA-LAP, LLC Accredited

Project Entity
☐ Government ☐ Municipality ☐ MWRA ☐ WRTA
☐ Federal ☐ 21 J ☐ School
☐ City ☐ Brownfield ☐ MBTA

Other
☐ Chromatogram
☐ AIHA-LAP,LLC

PCB ONLY
☐ Soxhlet
☐ Non Soxhlet

Ann Flow 10173:45 Dongyah Stables 10/17/25 345 1.2 1.4

Table of Contents

ENV-FRM-ELON-0001 v09_Sample Receiving Checklist

Log In Back-Sheet

Client LaBella / EAR

Project DEC - Glenhead 22-26

MCP/RCP Required N/A

Deliverable Package Requirement DS N/A CAT B

Location NY

PWSID# (When Applicable) N/A

Arrival Method:

Courier ☑ Fed Ex ☐ Walk In ☐ Other ☐

Received By / Date / Time DS 10/17/25 345

Back-Sheet By / Date / Time DS 10/17/25

Temperature Method GUN # 6

WV samples: Yes (see note*) / No (follow normal procedure)

Temp ✓ < 6° C Actual Temperature 1.2 1.4

Rush Samples: Yes / (No) Notify

Short Hold: Yes / (No) Notify

Notes regarding Samples/COC outside of SOP:

ALL SAMPLES, ALL VIALS: CLIENT LABELS ONLY CONTAINS CLIENT NAME, SAMPLE ID DETERMINED BASED ON BAG RECEIVED WITH PROPERLY LABELED SOIL CONTAINERS

Sample Receipt Checklist – (Rejection Criteria Listing – Using Acceptance Policy)
Any False statement will be brought to the attention of the Client – True or False

	True	False
Received on Ice	☑	☐
Received in Cooler	☑	☐
Custody Seal: DATE TIME	☐	☑
COC Relinquished	☑	☐
COC/Samples Labels Agree	☑	☐
All Samples in Good Condition	☑	☐
Samples Received within Holding Time	☑	☐
Is there enough Volume	☑	☐
Proper Media/Container Used	☑	☐
Splitting Samples Required	☐	☑
MS/MSD	☐	☑
Trip Blanks	☑	☐
Lab to Filters	☐	☑
COC Legible	☑	☐

COC Included: (Check all included)

Client ☐ Analysis ☐ Sampler Name ☐

Project ☐ IDs ☐ Collection Date/Time ☐

All Samples Proper pH: N/A ☐ ☐

Samples Chlorinated: N/A ☐ ☐

Additional Container Notes

**Note: West Virginia requires all samples to have their temperature taken. Note any outliers.*

DC#_Title: ENV-FRM-ELON-0157 v01_Sample Receiving Container Sheet
Effective Date:

	Soils				Ambers Glass								Plastics												Vials							Other
	16 (oz)	8 (oz)	4 (oz)	2 (oz)	1L			250mL				100 (mL)	1L		500mL		250mL						80 (mL)	Other	VOA 40mL					20mL		50mL
	C / A	C / A	C / A	C / A	Unp.	HCl	H_2SO_4	Unp.	Phos.	HCl	H_2SO_4	Unp.	Unp.	H_2SO_4	Unp.	H_2SO_4	Unp.	Triz	H_2SO_4	HNO_3	Amm. Ace	NaOH /Zn	Unp.	Bac/ Cot	Unp.	HCl	MeOH	DI	$NaHSO_4$	Unp.	HCl	-
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Pace Analytical Services, LLC - East Longmeadow, Ma

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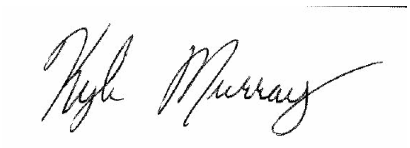
December 1, 2025

Joseph Jones
NYDEC_Environmental Assessment & Remediation
225 Atlantic Avenue
Patchogue, NY 11772

Project Location: Former Fresh + Clean Laundry
Client Job Number:
Project Number: 130111
Laboratory Work Order Number: 25J1233

Enclosed are results of analyses for samples as received by the laboratory on October 18, 2025. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kyle A. Murray
Project Manager

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B415658 38

B415670 41

B415760 45

B415765 49

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Pace Analytical Services, LLC - East Longmeadow, Ma

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NYDEC_Environmental Assessment & Remediatior
225 Atlantic Avenue
Patchogue, NY 11772
ATTN: Joseph Jones

REPORT DATE: 12/1/2025

PURCHASE ORDER NUMBER: 152705

PROJECT NUMBER: 130111

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 25J1233

The results of analyses performed on the following samples submitted to Pace Analytical Services, LLC - East Longmeadow, Ma, are found in this report.

PROJECT LOCATION: Former Fresh + Clean Laundry

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
SB-SE1_112.5-115	25J1233-01	Soil		SM 2540G	
				SW-846 8260D	
Trip Blank	25J1233-02	Trip Blank Soil		SW-846 8260D	
Waste-Characterization_Soil	25J1233-03	Soil		SM 2540G	
				SW-846 8082A	
				SW-846 8260D	
				SW-846 8270E	
				varies	M-MA-086/CT PH-0826/NY11148
SB-SE1_115	25J1233-04	Ground Water		SW-846 8260D	
SB-SE1_133	25J1233-05	Ground Water		SW-846 8260D	
SB-NW1-10-12.5	25J1233-06	Soil		SM 2540G	
				SW-846 8260D	
SB-NW1-12.5-15	25J1233-07	Soil		SM 2540G	
				SW-846 8260D	
SB-NW1-15-20	25J1233-08	Soil		SM 2540G	
				SW-846 8260D	
Cistern_North	25J1233-09	Ground Water		SW-846 8260D	

Pace Analytical Services, LLC - East Longmeadow, Ma

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

For any Soil analysis, the Method Blank, LCS, and LCSD are reported on a 100% solids basis.

Sample IDs updated to SB-SE1, per client.

Pace Analytical Services, LLC - East Longmeadow, Ma

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SW-846 8082A

Qualifications:

O-32

A dilution was performed as part of the standard analytical procedure.

Analyte & Samples(s) Qualified:

25J1233-03[Waste-Characterization_Soil]

SW-846 8260D

Qualifications:

L-02

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

Analyte & Samples(s) Qualified:

Bromoform
B415947-BS1, B415947-BSD1

Chloromethane
B415670-BS1, B415670-BSD1, B415765-BS1, B415765-BSD1, S127492-CCV1, S127548-CCV1

L-07

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:

Acetone
B415658-BSD1

Bromochloromethane
B415670-BSD1

Bromoform
B415760-BS1

Bromomethane
B415760-BS1, B415947-BS1

Cyclohexane
B415670-BSD1

Methyl Cyclohexane
B415670-BSD1, B415765-BS1

Trichlorofluoromethane (Freon 11)
B415765-BSD1

Vinyl Chloride
B415765-BSD1

R-05

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

Analyte & Samples(s) Qualified:

1,2-Dichloroethane
B415765-BLK1, B415765-BS1, B415765-BSD1, S127548-CCV1

Dichlorodifluoromethane (Freon 12)
25J1233-07[SB-NW1-12.5-15], B415670-BLK1, B415670-BS1, B415670-BSD1, S127492-CCV1

Methyl Acetate
B415765-BLK1, B415765-BS1, B415765-BSD1, S127548-CCV1

RL-11

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

25J1233-07[SB-NW1-12.5-15], 25J1233-09[Cistern_North]

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V-05

Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Analyte & Samples(s) Qualified:

1,2,4-Trichlorobenzene
25J1233-03[Waste-Characterization_Soil], B415947-BLK1, B415947-BS1, B415947-BSD1, S127599-CCV1

1,2-Dibromo-3-chloropropane (DBCP)
B415765-BLK1, B415765-BS1, B415765-BSD1, S127548-CCV1

Acetone
B415765-BLK1, B415765-BS1, B415765-BSD1, S127548-CCV1

Bromomethane
25J1233-04[SB-SE1_115], 25J1233-05[SB-SE1_133], 25J1233-09[Cistern_North], B415658-BLK1, B415658-BS1, B415658-BSD1, B415765-BLK1, B415765-BS1, B415765-BSD1, S127496-CCV1, S127548-CCV1

V-20

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

Bromochloromethane
B415658-BS1, B415658-BSD1, B415670-BS1, B415670-BSD1, S127492-CCV1, S127496-CCV1

Bromoform
B415760-BS1, B415760-BSD1, B415947-BS1, B415947-BSD1, S127510-CCV1, S127599-CCV1

Bromomethane
B415760-BS1, B415760-BSD1, B415947-BS1, B415947-BSD1, S127510-CCV1, S127599-CCV1

Chloromethane
B415658-BS1, B415658-BSD1, B415670-BS1, B415670-BSD1, B415765-BS1, B415765-BSD1, S127492-CCV1, S127496-CCV1, S127548-CCV1

Dichlorodifluoromethane (Freon 12)
B415670-BS1, B415670-BSD1, S127492-CCV1

Methyl Acetate
B415947-BS1, B415947-BSD1, S127599-CCV1

Methyl Cyclohexane
B415670-BS1, B415670-BSD1, S127492-CCV1

V-34

Initial calibration verification (ICV) did not meet method specifications and was biased on the low side for this compound. Reported result is estimated.

Analyte & Samples(s) Qualified:

Bromomethane
25J1233-01[SB-SE1_112.5-115], 25J1233-02[Trip Blank], 25J1233-03[Waste-Characterization_Soil], 25J1233-06[SB-NW1-10-12.5], 25J1233-08[SB-NW1-15-20], B415760-BLK1, B415760-BS1, B415760-BSD1, B415947-BLK1, B415947-BS1, B415947-BSD1, S127510-CCV1

Vinyl Chloride
25J1233-01[SB-SE1_112.5-115], 25J1233-02[Trip Blank], 25J1233-03[Waste-Characterization_Soil], 25J1233-06[SB-NW1-10-12.5], 25J1233-08[SB-NW1-15-20], B415760-BLK1, B415760-BS1, B415760-BSD1, B415947-BLK1, B415947-BS1, B415947-BSD1, S127510-CCV1

V-36

Initial calibration verification (ICV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

Acetone
B415760-BS1, B415760-BSD1, B415947-BS1, B415947-BSD1, S127510-CCV1, S127599-CCV1

Methyl Acetate
B415760-BS1, B415760-BSD1, B415947-BS1, B415947-BSD1, S127510-CCV1, S127599-CCV1

SW-846 8270E

Qualifications:

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V-05

Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Analyte & Samples(s) Qualified:

Benzaldehyde
25J1233-03[Waste-Characterization_Soil], B415896-BS1, S127754-CCV2

Bis(2-Ethylhexyl)phthalate
S127630-CCV1

Di-n-octylphthalate
S127630-CCV1

Hexachlorocyclopentadiene
25J1233-03[Waste-Characterization_Soil], S127630-CCV1, S127701-CCV1, S127754-CCV1

V-06

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side for this compound.

Analyte & Samples(s) Qualified:

2,2'-oxybis(1-Chloropropane)
S127630-CCV1

2,4-Dinitrotoluene
25J1233-03[Waste-Characterization_Soil], S127701-CCV1, S127754-CCV1

4-Nitrophenol
25J1233-03[Waste-Characterization_Soil], S127701-CCV1, S127754-CCV1

Atrazine
25J1233-03[Waste-Characterization_Soil], B415896-BS1, S127701-CCV2, S127754-CCV2

Caprolactam
25J1233-03[Waste-Characterization_Soil], B415896-BS1, S127701-CCV2, S127754-CCV2

V-34

Initial calibration verification (ICV) did not meet method specifications and was biased on the low side for this compound. Reported result is estimated.

Analyte & Samples(s) Qualified:

Benzaldehyde
25J1233-03[Waste-Characterization_Soil], B415896-BS1, B415896-BSD1, S126384-ICV1, S127630-CCV2, S127701-CCV2, S127754-CCV2

The results of analyses reported only relate to samples submitted to Pace Analytical Services, LLC - East Longmeadow, Ma, for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Kyle A. Murray
Project Coordinator

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Former Fresh + Clean Laundry Sample Description: Work Order: 25J1233

Date Received: 10/18/2025

Field Sample #: SB-SE1_112.5-115 Sampled: 10/16/2025 08:59

Sample ID: 25J1233-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.094	0.012	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
Benzene	ND	0.0019	0.00067	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
Bromochloromethane	ND	0.0019	0.00092	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
Bromodichloromethane	ND	0.0019	0.00063	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
Bromoform	ND	0.0019	0.0011	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
Bromomethane	ND	0.0094	0.0014	mg/Kg dry	1	V-34	SW-846 8260D	10/21/25	10/21/25 7:31	MFF
2-Butanone (MEK)	ND	0.037	0.0081	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
n-Butylbenzene	ND	0.0019	0.00063	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
sec-Butylbenzene	ND	0.0019	0.00069	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
tert-Butylbenzene	ND	0.0019	0.00062	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
Carbon Disulfide	ND	0.019	0.011	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
Carbon Tetrachloride	ND	0.0019	0.00075	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
Chlorobenzene	ND	0.0019	0.00063	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
Chlorodibromomethane	ND	0.00094	0.00085	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
Chloroethane	ND	0.019	0.0013	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
Chloroform	ND	0.0037	0.00062	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
Chloromethane	ND	0.0094	0.0013	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
Cyclohexane	ND	0.0094	0.0038	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0019	0.00078	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
1,2-Dibromoethane (EDB)	ND	0.00094	0.00067	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
1,2-Dichlorobenzene	ND	0.0019	0.00058	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
1,3-Dichlorobenzene	ND	0.0019	0.00056	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
1,4-Dichlorobenzene	ND	0.0019	0.00056	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.019	0.0011	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
1,1-Dichloroethane	ND	0.0019	0.00057	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
1,2-Dichloroethane	ND	0.0019	0.00065	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
1,1-Dichloroethylene	ND	0.0037	0.00088	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
cis-1,2-Dichloroethylene	ND	0.0019	0.00066	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
trans-1,2-Dichloroethylene	ND	0.0019	0.00059	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
1,2-Dichloropropane	ND	0.0019	0.00060	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
cis-1,3-Dichloropropene	ND	0.00094	0.00081	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
trans-1,3-Dichloropropene	ND	0.00094	0.00075	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
Ethylbenzene	ND	0.0019	0.00051	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
2-Hexanone (MBK)	ND	0.019	0.0073	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
Isopropylbenzene (Cumene)	ND	0.0019	0.00060	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0019	0.00057	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
Methyl Acetate	ND	0.0019	0.0012	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0037	0.00074	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
Methyl Cyclohexane	ND	0.0019	0.00065	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
Methylene Chloride	ND	0.019	0.00066	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.019	0.0090	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
Naphthalene	ND	0.0037	0.00094	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
n-Propylbenzene	ND	0.0019	0.00061	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
Styrene	ND	0.0019	0.00059	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Former Fresh + Clean Laundry | Sample Description: | Work Order: 25J1233

Date Received: 10/18/2025

Field Sample #: SB-SE1_112.5-115 | Sampled: 10/16/2025 08:59

Sample ID: 25J1233-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.00094	0.00084	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
Tetrachloroethylene	0.0020	0.0019	0.00078	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
Toluene	ND	0.0019	0.00051	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
1,2,3-Trichlorobenzene	ND	0.0019	0.00074	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
1,2,4-Trichlorobenzene	ND	0.0019	0.00061	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
1,1,1-Trichloroethane	ND	0.0019	0.00066	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
1,1,2-Trichloroethane	ND	0.0019	0.00050	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
Trichloroethylene	ND	0.0019	0.00060	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0094	0.0012	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
1,2,3-Trichloropropane	ND	0.0019	0.00085	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0094	0.0011	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
1,2,4-Trimethylbenzene	ND	0.0019	0.00079	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
1,3,5-Trimethylbenzene	ND	0.0019	0.00068	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
Vinyl Chloride	ND	0.0094	0.00076	mg/Kg dry	1	V-34	SW-846 8260D	10/21/25	10/21/25 7:31	MFF
m+p Xylene	ND	0.0037	0.0010	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
o-Xylene	ND	0.0019	0.00056	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF
Xylenes (total)	ND	0.0019	0.0019	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:31	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	104	70-130		10/21/25 7:31
Toluene-d8	105	70-130		10/21/25 7:31
4-Bromofluorobenzene	95.8	70-130		10/21/25 7:31

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Project Location: Former Fresh + Clean Laundry Sample Description: Work Order: 25J1233

Date Received: 10/18/2025

Field Sample #: SB-SE1_112.5-115 Sampled: 10/16/2025 08:59

Sample ID: 25J1233-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.6		% Wt	1		SM 2540G	10/20/25	10/20/25 13:30	JEM

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Project Location: Former Fresh + Clean Laundry Sample Description: Work Order: 25J1233

Date Received: 10/18/2025

Field Sample #: Trip Blank Sampled: 10/16/2025 08:00

Sample ID: 25J1233-02

Sample Matrix: Trip Blank Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.10	0.013	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
Benzene	ND	0.0020	0.00071	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
Bromochloromethane	ND	0.0020	0.00098	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
Bromodichloromethane	ND	0.0020	0.00068	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
Bromoform	ND	0.0020	0.0011	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
Bromomethane	ND	0.010	0.0015	mg/Kg wet	1	V-34	SW-846 8260D	10/21/25	10/21/25 7:05	MFF
2-Butanone (MEK)	ND	0.040	0.0086	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
n-Butylbenzene	ND	0.0020	0.00068	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
sec-Butylbenzene	ND	0.0020	0.00073	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
tert-Butylbenzene	ND	0.0020	0.00066	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
Carbon Disulfide	ND	0.020	0.012	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
Carbon Tetrachloride	ND	0.0020	0.00080	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
Chlorobenzene	ND	0.0020	0.00068	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
Chlorodibromomethane	ND	0.0010	0.00091	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
Chloroethane	ND	0.020	0.0014	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
Chloroform	ND	0.0040	0.00066	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
Chloromethane	ND	0.010	0.0013	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
Cyclohexane	ND	0.010	0.0041	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	0.00083	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
1,2-Dibromoethane (EDB)	ND	0.0010	0.00071	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
1,2-Dichlorobenzene	ND	0.0020	0.00062	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
1,3-Dichlorobenzene	ND	0.0020	0.00060	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
1,4-Dichlorobenzene	ND	0.0020	0.00060	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.020	0.0011	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
1,1-Dichloroethane	ND	0.0020	0.00061	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
1,2-Dichloroethane	ND	0.0020	0.00070	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
1,1-Dichloroethylene	ND	0.0040	0.00094	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
cis-1,2-Dichloroethylene	ND	0.0020	0.00070	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
trans-1,2-Dichloroethylene	ND	0.0020	0.00063	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
1,2-Dichloropropane	ND	0.0020	0.00064	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
cis-1,3-Dichloropropene	ND	0.0010	0.00086	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
trans-1,3-Dichloropropene	ND	0.0010	0.00080	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
Ethylbenzene	ND	0.0020	0.00055	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
2-Hexanone (MBK)	ND	0.020	0.0078	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
Isopropylbenzene (Cumene)	ND	0.0020	0.00064	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0020	0.00061	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
Methyl Acetate	ND	0.0020	0.0013	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	0.00079	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
Methyl Cyclohexane	ND	0.0020	0.00070	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
Methylene Chloride	ND	0.020	0.00070	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.020	0.0097	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
Naphthalene	ND	0.0040	0.0010	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
n-Propylbenzene	ND	0.0020	0.00066	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
Styrene	ND	0.0020	0.00063	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Former Fresh + Clean Laundry | Sample Description: | Work Order: 25J1233

Date Received: 10/18/2025

Field Sample #: Trip Blank | Sampled: 10/16/2025 08:00

Sample ID: 25J1233-02

Sample Matrix: Trip Blank Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.0010	0.00090	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
Tetrachloroethylene	ND	0.0020	0.00083	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
Toluene	ND	0.0020	0.00055	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
1,2,3-Trichlorobenzene	ND	0.0020	0.00079	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
1,2,4-Trichlorobenzene	ND	0.0020	0.00066	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
1,1,1-Trichloroethane	ND	0.0020	0.00070	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
1,1,2-Trichloroethane	ND	0.0020	0.00054	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
Trichloroethylene	ND	0.0020	0.00065	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	0.0013	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
1,2,3-Trichloropropane	ND	0.0020	0.00090	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	0.0011	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
1,2,4-Trimethylbenzene	ND	0.0020	0.00084	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
1,3,5-Trimethylbenzene	ND	0.0020	0.00073	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
Vinyl Chloride	ND	0.010	0.00081	mg/Kg wet	1	V-34	SW-846 8260D	10/21/25	10/21/25 7:05	MFF
m+p Xylene	ND	0.0040	0.0011	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
o-Xylene	ND	0.0020	0.00060	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF
Xylenes (total)	ND	0.0020	0.0020	mg/Kg wet	1		SW-846 8260D	10/21/25	10/21/25 7:05	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	98.3	70-130		10/21/25 7:05
Toluene-d8	105	70-130		10/21/25 7:05
4-Bromofluorobenzene	93.5	70-130		10/21/25 7:05

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Former Fresh + Clean Laundry | Sample Description: | Work Order: 25J1233

Date Received: 10/18/2025

Field Sample #: Waste-Characterization_Soil | Sampled: 10/16/2025 09:48

Sample ID: 25J1233-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.097	0.013	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
Benzene	ND	0.0019	0.00069	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
Bromochloromethane	ND	0.0019	0.00095	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
Bromodichloromethane	ND	0.0019	0.00066	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
Bromoform	ND	0.0019	0.0011	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
Bromomethane	ND	0.0097	0.0015	mg/Kg dry	1	V-34	SW-846 8260D	10/23/25	10/23/25 7:26	MFF
2-Butanone (MEK)	ND	0.039	0.0084	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
n-Butylbenzene	ND	0.0019	0.00066	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
sec-Butylbenzene	ND	0.0019	0.00071	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
tert-Butylbenzene	ND	0.0019	0.00064	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
Carbon Disulfide	ND	0.019	0.012	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
Carbon Tetrachloride	ND	0.0019	0.00078	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
Chlorobenzene	ND	0.0019	0.00066	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
Chlorodibromomethane	ND	0.00097	0.00088	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
Chloroethane	ND	0.019	0.0014	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
Chloroform	ND	0.0039	0.00064	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
Chloromethane	ND	0.0097	0.0013	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
Cyclohexane	ND	0.0097	0.0039	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0019	0.00081	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
1,2-Dibromoethane (EDB)	ND	0.00097	0.00069	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
1,2-Dichlorobenzene	ND	0.0019	0.00060	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
1,3-Dichlorobenzene	ND	0.0019	0.00058	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
1,4-Dichlorobenzene	ND	0.0019	0.00058	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.019	0.0011	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
1,1-Dichloroethane	ND	0.0019	0.00059	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
1,2-Dichloroethane	ND	0.0019	0.00068	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
1,1-Dichloroethylene	ND	0.0039	0.00091	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
cis-1,2-Dichloroethylene	ND	0.0019	0.00068	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
trans-1,2-Dichloroethylene	ND	0.0019	0.00061	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
1,2-Dichloropropane	ND	0.0019	0.00062	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
cis-1,3-Dichloropropene	ND	0.00097	0.00084	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
trans-1,3-Dichloropropene	ND	0.00097	0.00078	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
Ethylbenzene	ND	0.0019	0.00053	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
2-Hexanone (MBK)	ND	0.019	0.0076	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
Isopropylbenzene (Cumene)	ND	0.0019	0.00062	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0019	0.00059	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
Methyl Acetate	ND	0.0019	0.0013	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0039	0.00077	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
Methyl Cyclohexane	ND	0.0019	0.00068	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
Methylene Chloride	ND	0.019	0.00068	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.019	0.0094	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
Naphthalene	ND	0.0039	0.00098	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
n-Propylbenzene	ND	0.0019	0.00064	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
Styrene	ND	0.0019	0.00061	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Former Fresh + Clean Laundry | Sample Description: | Work Order: 25J1233

Date Received: 10/18/2025

Field Sample #: Waste-Characterization_Soil | Sampled: 10/16/2025 09:48

Sample ID: 25J1233-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.00097	0.00087	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
Tetrachloroethylene	0.0028	0.0019	0.00080	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
Toluene	ND	0.0019	0.00053	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
1,2,3-Trichlorobenzene	ND	0.0019	0.00077	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
1,2,4-Trichlorobenzene	ND	0.0019	0.00064	mg/Kg dry	1	V-05	SW-846 8260D	10/23/25	10/23/25 7:26	MFF
1,1,1-Trichloroethane	ND	0.0019	0.00068	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
1,1,2-Trichloroethane	ND	0.0019	0.00052	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
Trichloroethylene	ND	0.0019	0.00063	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0097	0.0013	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
1,2,3-Trichloropropane	ND	0.0019	0.00088	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0097	0.0011	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
1,2,4-Trimethylbenzene	ND	0.0019	0.00082	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
1,3,5-Trimethylbenzene	ND	0.0019	0.00070	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
Vinyl Chloride	ND	0.0097	0.00078	mg/Kg dry	1	V-34	SW-846 8260D	10/23/25	10/23/25 7:26	MFF
m+p Xylene	ND	0.0039	0.0010	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
o-Xylene	ND	0.0019	0.00058	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF
Xylenes (total)	ND	0.0019	0.0019	mg/Kg dry	1		SW-846 8260D	10/23/25	10/23/25 7:26	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	105	70-130		10/23/25	7:26
Toluene-d8	109	70-130		10/23/25	7:26
4-Bromofluorobenzene	105	70-130		10/23/25	7:26

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Former Fresh + Clean Laundry Sample Description: Work Order: 25J1233

Date Received: 10/18/2025

Field Sample #: Waste-Characterization_Soil Sampled: 10/16/2025 09:48

Sample ID: 25J1233-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2,3,4,6-Tetrachlorophenol	ND	0.74	0.053	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
Atrazine	ND	0.74	0.051	mg/Kg dry	1	V-06	SW-846 8270E	10/22/25	10/28/25 17:46	BGL
Benzaldehyde	ND	0.37	0.052	mg/Kg dry	1	V-05, V-34	SW-846 8270E	10/22/25	10/28/25 17:46	BGL
Biphenyl	ND	0.074	0.042	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
Caprolactam	ND	0.37	0.064	mg/Kg dry	1	V-06	SW-846 8270E	10/22/25	10/28/25 17:46	BGL
Acenaphthene	ND	0.036	0.0041	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
Acenaphthylene	ND	0.036	0.0046	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
Acetophenone	ND	0.37	0.039	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
Aniline	ND	0.37	0.070	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
Anthracene	ND	0.036	0.0042	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
Benzo(a)anthracene	ND	0.036	0.0057	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
Benzo(a)pyrene	ND	0.036	0.012	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
Benzo(b)fluoranthene	ND	0.036	0.0090	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
Benzo(g,h,i)perylene	ND	0.036	0.014	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
Benzo(k)fluoranthene	ND	0.036	0.0075	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
Bis(2-chloroethoxy)methane	ND	0.37	0.038	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
Bis(2-chloroethyl)ether	ND	0.37	0.049	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
2,2'-oxybis(1-Chloropropane)	ND	0.37	0.15	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.37	0.051	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
4-Bromophenylphenylether	ND	0.37	0.033	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
Butylbenzylphthalate	ND	0.37	0.042	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
Carbazole	ND	0.19	0.038	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
4-Chloroaniline	ND	0.72	0.060	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
4-Chloro-3-methylphenol	ND	0.72	0.039	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
2-Chloronaphthalene	ND	0.37	0.033	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
2-Chlorophenol	ND	0.37	0.033	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
4-Chlorophenylphenylether	ND	0.37	0.034	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
Chrysene	ND	0.036	0.0047	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
Dibenz(a,h)anthracene	ND	0.036	0.016	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
Dibenzofuran	ND	0.37	0.036	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
Di-n-butylphthalate	ND	0.37	0.14	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
3,3-Dichlorobenzidine	ND	0.19	0.067	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
2,4-Dichlorophenol	ND	0.37	0.035	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
Diethylphthalate	ND	0.37	0.036	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
2,4-Dimethylphenol	ND	0.37	0.077	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
Dimethylphthalate	ND	0.37	0.033	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
4,6-Dinitro-2-methylphenol	ND	0.37	0.31	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
2,4-Dinitrophenol	ND	0.72	0.35	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
2,4-Dinitrotoluene	ND	0.37	0.088	mg/Kg dry	1	V-06	SW-846 8270E	10/22/25	10/28/25 17:46	BGL
2,6-Dinitrotoluene	ND	0.37	0.047	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
Di-n-octylphthalate	ND	0.37	0.055	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
Fluoranthene	0.0077	0.036	0.0052	mg/Kg dry	1	J	SW-846 8270E	10/22/25	10/28/25 17:46	BGL
Fluorene	ND	0.036	0.0044	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
Hexachlorobenzene	ND	0.37	0.038	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Former Fresh + Clean Laundry Sample Description: Work Order: 25J1233

Date Received: 10/18/2025

Field Sample #: Waste-Characterization_Soil Sampled: 10/16/2025 09:48

Sample ID: 25J1233-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.37	0.038	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
Hexachlorocyclopentadiene	ND	0.37	0.19	mg/Kg dry	1	V-05	SW-846 8270E	10/22/25	10/28/25 17:46	BGL
Hexachloroethane	ND	0.37	0.034	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
Indeno(1,2,3-cd)pyrene	ND	0.036	0.015	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
Isophorone	ND	0.37	0.040	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
1-Methylnaphthalene	ND	0.036	0.0046	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
2-Methylnaphthalene	ND	0.036	0.0042	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
2-Methylphenol	ND	0.37	0.047	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
3/4-Methylphenol	ND	0.37	0.061	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
Naphthalene	ND	0.036	0.0053	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
2-Nitroaniline	ND	0.37	0.057	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
3-Nitroaniline	ND	0.37	0.049	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
4-Nitroaniline	ND	0.37	0.053	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
Nitrobenzene	ND	0.37	0.042	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
2-Nitrophenol	ND	0.37	0.038	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
4-Nitrophenol	ND	0.72	0.15	mg/Kg dry	1	V-06	SW-846 8270E	10/22/25	10/28/25 17:46	BGL
N-Nitrosodiphenylamine/Diphenylamine	ND	0.37	0.048	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
N-Nitrosodi-n-propylamine	ND	0.37	0.046	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
Pentachlorophenol	ND	0.37	0.048	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
Phenanthrene	ND	0.036	0.0037	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
Phenol	ND	0.37	0.035	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
Pyrene	ND	0.036	0.0063	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
Pyridine	ND	0.37	0.047	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.37	0.036	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
2,4,5-Trichlorophenol	ND	0.37	0.038	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL
2,4,6-Trichlorophenol	ND	0.37	0.033	mg/Kg dry	1		SW-846 8270E	10/22/25	10/28/25 17:46	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	56.3	30-130		10/28/25 17:46
Phenol-d6	60.5	30-130		10/28/25 17:46
Nitrobenzene-d5	57.0	30-130		10/28/25 17:46
2-Fluorobiphenyl	58.1	30-130		10/28/25 17:46
2,4,6-Tribromophenol	87.6	30-130		10/28/25 17:46
p-Terphenyl-d14	81.3	30-130		10/28/25 17:46

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Former Fresh + Clean Laundry | Sample Description: | Work Order: 25J1233

Date Received: 10/18/2025

Field Sample #: Waste-Characterization_Soil | Sampled: 10/16/2025 09:48

Sample ID: 25J1233-03

Sample Matrix: Soil

Sample Flags: O-32

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.088	0.023	mg/Kg dry	4		SW-846 8082A	10/23/25	10/28/25 15:30	SFM
Aroclor-1221 [1]	ND	0.088	0.040	mg/Kg dry	4		SW-846 8082A	10/23/25	10/28/25 15:30	SFM
Aroclor-1232 [1]	ND	0.088	0.023	mg/Kg dry	4		SW-846 8082A	10/23/25	10/28/25 15:30	SFM
Aroclor-1242 [1]	ND	0.088	0.024	mg/Kg dry	4		SW-846 8082A	10/23/25	10/28/25 15:30	SFM
Aroclor-1248 [1]	ND	0.088	0.032	mg/Kg dry	4		SW-846 8082A	10/23/25	10/28/25 15:30	SFM
Aroclor-1254 [1]	ND	0.088	0.038	mg/Kg dry	4		SW-846 8082A	10/23/25	10/28/25 15:30	SFM
Aroclor-1260 [1]	ND	0.088	0.022	mg/Kg dry	4		SW-846 8082A	10/23/25	10/28/25 15:30	SFM
Aroclor-1262 [1]	ND	0.088	0.030	mg/Kg dry	4		SW-846 8082A	10/23/25	10/28/25 15:30	SFM
Aroclor-1268 [1]	ND	0.088	0.023	mg/Kg dry	4		SW-846 8082A	10/23/25	10/28/25 15:30	SFM

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	70.5	30-150		10/28/25 15:30
Decachlorobiphenyl [2]	71.3	30-150		10/28/25 15:30
Tetrachloro-m-xylene [1]	65.2	30-150		10/28/25 15:30
Tetrachloro-m-xylene [2]	64.4	30-150		10/28/25 15:30

Pace Analytical Services, LLC - East Longmeadow, Ma

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Project Location: Former Fresh + Clean Laundry Sample Description: Work Order: 25J1233

Date Received: 10/18/2025

Field Sample #: Waste-Characterization_Soil Sampled: 10/16/2025 09:48

Sample ID: 25J1233-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.4		% Wt	1		SM 2540G	10/22/25	10/23/25 8:18	DMB

Pace Analytical Services, LLC - East Longmeadow, Ma

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Project Location: Former Fresh + Clean Laundry Sample Description: Work Order: 25J1233

Date Received: 10/18/2025

Field Sample #: Waste-Characterization_Soil Sampled: 10/16/2025 09:48

Sample ID: 25J1233-03

Sample Matrix: Soil

Total Metals - Mansfield Lab

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum, Total	800	8.77	2.85	mg/kg	2		6010D	10/29/25	10/31/25 8:38	MRP
Mercury, Total	ND	0.079	0.051	mg/kg	1	U	7471B	10/29/25	10/30/25 19:11	RDB
Antimony, Total	ND	4.39	3.38	mg/kg	2	U	6010D	10/29/25	10/31/25 8:38	MRP
Arsenic, Total	0.588	0.877	0.379	mg/kg	2	J	6010D	10/29/25	10/31/25 8:38	MRP
Barium, Total	5.53	0.877	0.093	mg/kg	2		6010D	10/29/25	10/31/25 8:38	MRP
Beryllium, Total	0.080	0.439	0.048	mg/kg	2	J	6010D	10/29/25	10/31/25 8:38	MRP
Cadmium, Total	ND	0.877	0.048	mg/kg	2	U	6010D	10/29/25	10/31/25 8:38	MRP
Calcium, Total	372	8.77	4.97	mg/kg	2		6010D	10/29/25	10/31/25 8:38	MRP
Chromium, Total	5.18	0.877	0.744	mg/kg	2		6010D	10/29/25	10/31/25 8:38	MRP
Cobalt, Total	0.887	1.75	0.218	mg/kg	2	J	6010D	10/29/25	10/31/25 8:38	MRP
Copper, Total	2.23	0.877	0.199	mg/kg	2		6010D	10/29/25	10/31/25 8:38	MRP
Iron, Total	3200	4.39	0.921	mg/kg	2		6010D	10/29/25	10/31/25 8:38	MRP
Lead, Total	1.24	4.39	0.209	mg/kg	2	J	6010D	10/29/25	10/31/25 8:38	MRP
Magnesium, Total	216	8.77	1.43	mg/kg	2		6010D	10/29/25	10/31/25 8:38	MRP
Manganese, Total	63.2	0.877	0.470	mg/kg	2		6010D	10/29/25	10/31/25 8:38	MRP
Nickel, Total	1.90	2.19	0.709	mg/kg	2	J	6010D	10/29/25	10/31/25 8:38	MRP
Potassium, Total	160	219	44.5	mg/kg	2	J	6010D	10/29/25	10/31/25 8:38	MRP
Selenium, Total	ND	1.75	0.289	mg/kg	2	U	6010D	10/29/25	10/31/25 8:38	MRP
Silver, Total	ND	0.439	0.261	mg/kg	2	U	6010D	10/29/25	10/31/25 8:38	MRP
Sodium, Total	ND	175	93.0	mg/kg	2	U	6010D	10/29/25	10/31/25 8:38	MRP
Thallium, Total	ND	1.75	0.791	mg/kg	2	U	6010D	10/29/25	10/31/25 8:38	MRP
Vanadium, Total	3.46	0.877	0.132	mg/kg	2		6010D	10/29/25	10/31/25 8:38	MRP
Zinc, Total	4.59	4.39	0.532	mg/kg	2		6010D	10/29/25	10/31/25 8:38	MRP

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Former Fresh + Clean Laundry | Sample Description: | Work Order: 25J1233

Date Received: 10/18/2025

Field Sample #: SB-SE1_115 | Sampled: 10/16/2025 11:20

Sample ID: 25J1233-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	1.9	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
Benzene	ND	1.0	0.19	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
Bromochloromethane	ND	1.0	0.34	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
Bromoform	ND	1.0	0.32	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
Bromomethane	ND	2.0	0.91	µg/L	1	V-05	SW-846 8260D	10/20/25	10/22/25 3:14	MFF
2-Butanone (MEK)	ND	20	1.5	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
sec-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
tert-Butylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
Carbon Tetrachloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
Chlorodibromomethane	ND	0.50	0.12	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
Chloroethane	ND	2.0	0.43	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
Chloromethane	ND	2.0	0.39	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
Cyclohexane	ND	5.0	1.3	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.62	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.12	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
1,4-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.23	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
1,1-Dichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
1,2-Dichloroethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
1,1-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
cis-1,2-Dichloroethylene	0.22	1.0	0.19	µg/L	1	J	SW-846 8260D	10/20/25	10/22/25 3:14	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.19	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
1,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
trans-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
Ethylbenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.16	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.14	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
Methyl Acetate	ND	1.0	0.40	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.11	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
Methyl Cyclohexane	ND	1.0	0.17	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
Methylene Chloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.2	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
Naphthalene	ND	2.0	0.21	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
n-Propylbenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
Styrene	ND	1.0	0.16	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Former Fresh + Clean Laundry | Sample Description: | Work Order: 25J1233

Date Received: 10/18/2025

Field Sample #: SB-SE1_115 | Sampled: 10/16/2025 11:20

Sample ID: 25J1233-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	0.11	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
Tetrachloroethylene	7.0	1.0	0.15	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.21	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
Trichloroethylene	0.27	1.0	0.16	µg/L	1	J	SW-846 8260D	10/20/25	10/22/25 3:14	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.16	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
1,2,3-Trichloropropane	ND	2.0	0.23	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.15	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
Vinyl Chloride	ND	2.0	0.22	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
m+p Xylene	ND	2.0	0.30	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
o-Xylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:14	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		10/22/25 3:14
Toluene-d8	101	70-130		10/22/25 3:14
4-Bromofluorobenzene	89.1	70-130		10/22/25 3:14

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Former Fresh + Clean Laundry | Sample Description: | Work Order: 25J1233

Date Received: 10/18/2025

Field Sample #: SB-SE1_133 | Sampled: 10/16/2025 11:58

Sample ID: 25J1233-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	1.9	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
Benzene	ND	1.0	0.19	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
Bromochloromethane	ND	1.0	0.34	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
Bromoform	ND	1.0	0.32	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
Bromomethane	ND	2.0	0.91	µg/L	1	V-05	SW-846 8260D	10/20/25	10/22/25 3:41	MFF
2-Butanone (MEK)	ND	20	1.5	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
sec-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
tert-Butylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
Carbon Tetrachloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
Chlorodibromomethane	ND	0.50	0.12	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
Chloroethane	ND	2.0	0.43	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
Chloromethane	ND	2.0	0.39	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
Cyclohexane	ND	5.0	1.3	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.62	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.12	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
1,4-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.23	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
1,1-Dichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
1,2-Dichloroethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
1,1-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.19	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.19	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
1,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
trans-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
Ethylbenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.16	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.14	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
Methyl Acetate	ND	1.0	0.40	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.11	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
Methyl Cyclohexane	ND	1.0	0.17	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
Methylene Chloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.2	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
Naphthalene	ND	2.0	0.21	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
n-Propylbenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
Styrene	ND	1.0	0.16	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Former Fresh + Clean Laundry | Sample Description: | Work Order: 25J1233

Date Received: 10/18/2025

Field Sample #: SB-SE1_133 | Sampled: 10/16/2025 11:58

Sample ID: 25J1233-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	0.11	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
Tetrachloroethylene	6.6	1.0	0.15	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.21	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
Trichloroethylene	0.38	1.0	0.16	µg/L	1	J	SW-846 8260D	10/20/25	10/22/25 3:41	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.16	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
1,2,3-Trichloropropane	ND	2.0	0.23	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.15	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
Vinyl Chloride	ND	2.0	0.22	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
m+p Xylene	ND	2.0	0.30	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
o-Xylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	10/20/25	10/22/25 3:41	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	105	70-130		10/22/25 3:41
Toluene-d8	97.6	70-130		10/22/25 3:41
4-Bromofluorobenzene	87.0	70-130		10/22/25 3:41

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Former Fresh + Clean Laundry Sample Description: Work Order: 25J1233

Date Received: 10/18/2025

Field Sample #: SB-NW1-10-12.5 Sampled: 10/16/2025 13:27

Sample ID: 25J1233-06

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.017	0.072	0.0095	mg/Kg dry	1	J	SW-846 8260D	10/21/25	10/21/25 7:56	MFF
Benzene	ND	0.0014	0.00051	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
Bromochloromethane	ND	0.0014	0.00071	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
Bromodichloromethane	ND	0.0014	0.00049	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
Bromoform	ND	0.0014	0.00083	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
Bromomethane	ND	0.0072	0.0011	mg/Kg dry	1	V-34	SW-846 8260D	10/21/25	10/21/25 7:56	MFF
2-Butanone (MEK)	ND	0.029	0.0062	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
n-Butylbenzene	ND	0.0014	0.00049	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
sec-Butylbenzene	ND	0.0014	0.00053	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
tert-Butylbenzene	ND	0.0014	0.00048	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
Carbon Disulfide	ND	0.014	0.0088	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
Carbon Tetrachloride	ND	0.0014	0.00058	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
Chlorobenzene	ND	0.0014	0.00049	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
Chlorodibromomethane	ND	0.00072	0.00065	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
Chloroethane	ND	0.014	0.0010	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
Chloroform	ND	0.0029	0.00047	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
Chloromethane	ND	0.0072	0.00097	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
Cyclohexane	ND	0.0072	0.0029	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0014	0.00060	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
1,2-Dibromoethane (EDB)	ND	0.00072	0.00051	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
1,2-Dichlorobenzene	ND	0.0014	0.00044	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
1,3-Dichlorobenzene	ND	0.0014	0.00043	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
1,4-Dichlorobenzene	ND	0.0014	0.00043	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.014	0.00081	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
1,1-Dichloroethane	ND	0.0014	0.00044	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
1,2-Dichloroethane	ND	0.0014	0.00050	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
1,1-Dichloroethylene	ND	0.0029	0.00068	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
cis-1,2-Dichloroethylene	0.023	0.0014	0.00051	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
trans-1,2-Dichloroethylene	0.0022	0.0014	0.00045	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
1,2-Dichloropropane	ND	0.0014	0.00046	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
cis-1,3-Dichloropropene	ND	0.00072	0.00062	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
trans-1,3-Dichloropropene	ND	0.00072	0.00058	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
Ethylbenzene	ND	0.0014	0.00039	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
2-Hexanone (MBK)	ND	0.014	0.0056	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
Isopropylbenzene (Cumene)	ND	0.0014	0.00046	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0014	0.00044	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
Methyl Acetate	ND	0.0014	0.00095	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0029	0.00057	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
Methyl Cyclohexane	ND	0.0014	0.00050	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
Methylene Chloride	ND	0.014	0.00051	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.014	0.0070	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
Naphthalene	ND	0.0029	0.00073	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
n-Propylbenzene	ND	0.0014	0.00047	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
Styrene	ND	0.0014	0.00046	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Former Fresh + Clean Laundry | Sample Description: | Work Order: 25J1233

Date Received: 10/18/2025

Field Sample #: SB-NW1-10-12.5 | Sampled: 10/16/2025 13:27

Sample ID: 25J1233-06

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.00072	0.00065	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
Tetrachloroethylene	18	1.1	0.16	mg/Kg dry	20		SW-846 8260D	10/21/25	10/22/25 18:03	EEH
Toluene	ND	0.0014	0.00039	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
1,2,3-Trichlorobenzene	ND	0.0014	0.00057	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
1,2,4-Trichlorobenzene	ND	0.0014	0.00047	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
1,1,1-Trichloroethane	ND	0.0014	0.00051	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
1,1,2-Trichloroethane	ND	0.0014	0.00039	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
Trichloroethylene	0.038	0.0014	0.00047	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0072	0.00096	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
1,2,3-Trichloropropane	ND	0.0014	0.00065	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0072	0.00082	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
1,2,4-Trimethylbenzene	ND	0.0014	0.00061	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
1,3,5-Trimethylbenzene	ND	0.0014	0.00052	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
Vinyl Chloride	ND	0.0072	0.00058	mg/Kg dry	1	V-34	SW-846 8260D	10/21/25	10/21/25 7:56	MFF
m+p Xylene	ND	0.0029	0.00077	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
o-Xylene	ND	0.0014	0.00043	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF
Xylenes (total)	ND	0.0014	0.0014	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 7:56	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	104	70-130		10/22/25 18:03
1,2-Dichloroethane-d4	109	70-130		10/21/25 7:56
Toluene-d8	99.5	70-130		10/22/25 18:03
Toluene-d8	104	70-130		10/21/25 7:56
4-Bromofluorobenzene	94.4	70-130		10/22/25 18:03
4-Bromofluorobenzene	96.9	70-130		10/21/25 7:56

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Former Fresh + Clean Laundry | Sample Description: | Work Order: 25J1233

Date Received: 10/18/2025

Field Sample #: SB-NW1-10-12.5 | Sampled: 10/16/2025 13:27

Sample ID: 25J1233-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.7		% Wt	1		SM 2540G	10/20/25	10/20/25 13:30	JEM

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Former Fresh + Clean Laundry Sample Description: Work Order: 25J1233

Date Received: 10/18/2025

Field Sample #: SB-NW1-12.5-15 Sampled: 10/16/2025 13:27

Sample ID: 25J1233-07

Sample Matrix: Soil

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	2200	85	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
Benzene	ND	44	8.3	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
Bromochloromethane	ND	44	15	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
Bromodichloromethane	ND	44	6.1	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
Bromoform	ND	44	14	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
Bromomethane	ND	88	40	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
2-Butanone (MEK)	ND	880	65	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
n-Butylbenzene	ND	44	6.3	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
sec-Butylbenzene	ND	44	6.3	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
tert-Butylbenzene	ND	44	5.9	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
Carbon Disulfide	ND	220	69	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
Carbon Tetrachloride	ND	44	7.8	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
Chlorobenzene	ND	44	5.2	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
Chlorodibromomethane	ND	22	5.4	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
Chloroethane	ND	88	19	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
Chloroform	ND	88	6.1	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
Chloromethane	ND	88	17	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
Cyclohexane	ND	88	57	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	220	27	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
1,2-Dibromoethane (EDB)	ND	22	5.4	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
1,2-Dichlorobenzene	ND	44	5.8	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
1,3-Dichlorobenzene	ND	44	6.0	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
1,4-Dichlorobenzene	ND	44	6.2	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
Dichlorodifluoromethane (Freon 12)	ND	88	10	mg/Kg dry	1000	R-05	SW-846 8260D	10/20/25	10/21/25 17:57	MFF
1,1-Dichloroethane	ND	44	8.2	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
1,2-Dichloroethane	ND	44	12	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
1,1-Dichloroethylene	ND	44	6.7	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
cis-1,2-Dichloroethylene	45	44	8.4	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
trans-1,2-Dichloroethylene	ND	44	8.3	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
1,2-Dichloropropane	ND	44	8.7	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
cis-1,3-Dichloropropene	ND	22	7.1	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
trans-1,3-Dichloropropene	ND	22	7.0	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
Ethylbenzene	ND	44	5.0	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
2-Hexanone (MBK)	ND	440	55	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
Isopropylbenzene (Cumene)	ND	44	7.0	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
p-Isopropyltoluene (p-Cymene)	ND	44	6.1	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
Methyl Acetate	ND	440	18	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
Methyl tert-Butyl Ether (MTBE)	ND	44	5.0	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
Methyl Cyclohexane	ND	44	7.5	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
Methylene Chloride	ND	220	7.3	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
4-Methyl-2-pentanone (MIBK)	ND	440	54	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
Naphthalene	ND	88	9.1	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
n-Propylbenzene	ND	44	5.0	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
Styrene	ND	44	6.9	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Former Fresh + Clean Laundry | Sample Description: | Work Order: 25J1233

Date Received: 10/18/2025

Field Sample #: SB-NW1-12.5-15 | Sampled: 10/16/2025 13:27

Sample ID: 25J1233-07

Sample Matrix: Soil

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	22	5.1	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
Tetrachloroethylene	3200	44	6.5	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
Toluene	ND	44	4.8	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
1,2,3-Trichlorobenzene	ND	220	9.1	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
1,2,4-Trichlorobenzene	ND	44	8.0	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
1,1,1-Trichloroethane	ND	44	6.8	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
1,1,2-Trichloroethane	ND	44	6.7	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
Trichloroethylene	72	44	6.9	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
Trichlorofluoromethane (Freon 11)	ND	88	7.1	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
1,2,3-Trichloropropane	ND	88	10	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	44	6.4	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
1,2,4-Trimethylbenzene	ND	44	6.7	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
1,3,5-Trimethylbenzene	ND	44	6.9	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
Vinyl Chloride	ND	88	9.6	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
m+p Xylene	ND	88	13	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
o-Xylene	ND	44	7.0	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF
Xylenes (total)	ND	44	44	mg/Kg dry	1000		SW-846 8260D	10/20/25	10/21/25 17:57	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	108	70-130		10/21/25 17:57
Toluene-d8	98.1	70-130		10/21/25 17:57
4-Bromofluorobenzene	89.8	70-130		10/21/25 17:57

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Former Fresh + Clean Laundry Sample Description: Work Order: 25J1233

Date Received: 10/18/2025

Field Sample #: SB-NW1-12.5-15 Sampled: 10/16/2025 13:27

Sample ID: 25J1233-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	93.5		% Wt	1		SM 2540G	10/20/25	10/20/25 13:30	JEM

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Former Fresh + Clean Laundry Sample Description: Work Order: 25J1233

Date Received: 10/18/2025

Field Sample #: SB-NW1-15-20 Sampled: 10/16/2025 13:34

Sample ID: 25J1233-08

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.095	0.012	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
Benzene	ND	0.0019	0.00067	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
Bromochloromethane	ND	0.0019	0.00093	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
Bromodichloromethane	ND	0.0019	0.00064	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
Bromoform	ND	0.0019	0.0011	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
Bromomethane	ND	0.0095	0.0015	mg/Kg dry	1	V-34	SW-846 8260D	10/21/25	10/21/25 8:22	MFF
2-Butanone (MEK)	ND	0.038	0.0082	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
n-Butylbenzene	0.0013	0.0019	0.00064	mg/Kg dry	1	J	SW-846 8260D	10/21/25	10/21/25 8:22	MFF
sec-Butylbenzene	ND	0.0019	0.00070	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
tert-Butylbenzene	ND	0.0019	0.00063	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
Carbon Disulfide	ND	0.019	0.012	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
Carbon Tetrachloride	ND	0.0019	0.00076	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
Chlorobenzene	ND	0.0019	0.00064	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
Chlorodibromomethane	ND	0.00095	0.00086	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
Chloroethane	ND	0.019	0.0013	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
Chloroform	ND	0.0038	0.00062	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
Chloromethane	ND	0.0095	0.0013	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
Cyclohexane	ND	0.0095	0.0039	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0019	0.00079	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
1,2-Dibromoethane (EDB)	ND	0.00095	0.00068	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
1,2-Dichlorobenzene	0.0012	0.0019	0.00058	mg/Kg dry	1	J	SW-846 8260D	10/21/25	10/21/25 8:22	MFF
1,3-Dichlorobenzene	ND	0.0019	0.00056	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
1,4-Dichlorobenzene	ND	0.0019	0.00057	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.019	0.0011	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
1,1-Dichloroethane	ND	0.0019	0.00058	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
1,2-Dichloroethane	ND	0.0019	0.00066	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
1,1-Dichloroethylene	ND	0.0038	0.00089	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
cis-1,2-Dichloroethylene	0.17	0.0019	0.00066	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
trans-1,2-Dichloroethylene	0.0024	0.0019	0.00060	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
1,2-Dichloropropane	ND	0.0019	0.00061	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
cis-1,3-Dichloropropene	ND	0.00095	0.00082	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
trans-1,3-Dichloropropene	ND	0.00095	0.00076	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
Ethylbenzene	ND	0.0019	0.00052	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
2-Hexanone (MBK)	ND	0.019	0.0074	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
Isopropylbenzene (Cumene)	ND	0.0019	0.00061	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0019	0.00058	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
Methyl Acetate	ND	0.0019	0.0012	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0038	0.00075	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
Methyl Cyclohexane	ND	0.0019	0.00066	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
Methylene Chloride	ND	0.019	0.00067	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.019	0.0092	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
Naphthalene	ND	0.0038	0.00096	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
n-Propylbenzene	0.00089	0.0019	0.00062	mg/Kg dry	1	J	SW-846 8260D	10/21/25	10/21/25 8:22	MFF
Styrene	ND	0.0019	0.00060	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Former Fresh + Clean Laundry | Sample Description: | Work Order: 25J1233

Date Received: 10/18/2025

Field Sample #: SB-NW1-15-20 | Sampled: 10/16/2025 13:34

Sample ID: 25J1233-08

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.00095	0.00085	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
Tetrachloroethylene	5.5	0.99	0.15	mg/Kg dry	20		SW-846 8260D	10/21/25	10/22/25 18:29	EEH
Toluene	ND	0.0019	0.00052	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
1,2,3-Trichlorobenzene	ND	0.0019	0.00075	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
1,2,4-Trichlorobenzene	ND	0.0019	0.00062	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
1,1,1-Trichloroethane	ND	0.0019	0.00066	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
1,1,2-Trichloroethane	ND	0.0019	0.00051	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
Trichloroethylene	0.11	0.0019	0.00061	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0095	0.0013	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
1,2,3-Trichloropropane	ND	0.0019	0.00086	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0095	0.0011	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
1,2,4-Trimethylbenzene	0.0058	0.0019	0.00080	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
1,3,5-Trimethylbenzene	0.0015	0.0019	0.00069	mg/Kg dry	1	J	SW-846 8260D	10/21/25	10/21/25 8:22	MFF
Vinyl Chloride	0.00095	0.0095	0.00077	mg/Kg dry	1	V-34, J	SW-846 8260D	10/21/25	10/21/25 8:22	MFF
m+p Xylene	ND	0.0038	0.0010	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
o-Xylene	ND	0.0019	0.00056	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF
Xylenes (total)	ND	0.0019	0.0019	mg/Kg dry	1		SW-846 8260D	10/21/25	10/21/25 8:22	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		10/22/25 18:29
1,2-Dichloroethane-d4	105	70-130		10/21/25 8:22
Toluene-d8	98.5	70-130		10/22/25 18:29
Toluene-d8	104	70-130		10/21/25 8:22
4-Bromofluorobenzene	93.2	70-130		10/22/25 18:29
4-Bromofluorobenzene	108	70-130		10/21/25 8:22

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Former Fresh + Clean Laundry Sample Description: Work Order: 25J1233

Date Received: 10/18/2025

Field Sample #: SB-NW1-15-20 Sampled: 10/16/2025 13:34

Sample ID: 25J1233-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	93.3		% Wt	1		SM 2540G	10/20/25	10/20/25 13:30	JEM

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Former Fresh + Clean Laundry | Sample Description: | Work Order: 25J1233

Date Received: 10/18/2025

Field Sample #: Cistern_North | Sampled: 10/16/2025 07:25

Sample ID: 25J1233-09

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	2000	77	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
Benzene	ND	40	7.5	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
Bromochloromethane	ND	40	14	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
Bromodichloromethane	ND	20	5.5	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
Bromoform	ND	40	13	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
Bromomethane	ND	80	37	µg/L	40	V-05	SW-846 8260D	10/20/25	10/22/25 4:34	MFF
2-Butanone (MEK)	ND	800	58	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
n-Butylbenzene	ND	40	5.7	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
sec-Butylbenzene	ND	40	5.7	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
tert-Butylbenzene	ND	40	5.3	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
Carbon Disulfide	ND	200	62	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
Carbon Tetrachloride	ND	200	7.0	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
Chlorobenzene	ND	40	4.7	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
Chlorodibromomethane	ND	20	4.9	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
Chloroethane	ND	80	17	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
Chloroform	ND	80	5.5	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
Chloromethane	ND	80	15	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
Cyclohexane	ND	200	52	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	200	25	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
1,2-Dibromoethane (EDB)	ND	20	4.9	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
1,2-Dichlorobenzene	ND	40	5.2	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
1,3-Dichlorobenzene	ND	40	5.4	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
1,4-Dichlorobenzene	ND	40	5.6	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
Dichlorodifluoromethane (Freon 12)	ND	80	9.0	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
1,1-Dichloroethane	ND	40	7.4	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
1,2-Dichloroethane	ND	40	11	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
1,1-Dichloroethylene	ND	40	6.1	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
cis-1,2-Dichloroethylene	3800	40	7.6	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
trans-1,2-Dichloroethylene	46	40	7.5	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
1,2-Dichloropropane	ND	40	7.9	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
cis-1,3-Dichloropropene	ND	20	6.4	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
trans-1,3-Dichloropropene	ND	20	6.4	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
Ethylbenzene	ND	40	4.6	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
2-Hexanone (MBK)	ND	400	50	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
Isopropylbenzene (Cumene)	ND	40	6.4	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
p-Isopropyltoluene (p-Cymene)	ND	40	5.5	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
Methyl Acetate	ND	40	16	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
Methyl tert-Butyl Ether (MTBE)	ND	40	4.5	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
Methyl Cyclohexane	ND	40	6.8	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
Methylene Chloride	ND	200	6.6	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
4-Methyl-2-pentanone (MIBK)	ND	400	49	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
Naphthalene	ND	80	8.2	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
n-Propylbenzene	ND	40	4.5	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
Styrene	ND	40	6.3	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Former Fresh + Clean Laundry | Sample Description: | Work Order: 25J1233

Date Received: 10/18/2025

Field Sample #: Cistern_North | Sampled: 10/16/2025 07:25

Sample ID: 25J1233-09

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	20	4.6	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
Tetrachloroethylene	3000	40	5.9	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
Toluene	ND	40	4.4	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
1,2,3-Trichlorobenzene	ND	200	8.3	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
1,2,4-Trichlorobenzene	ND	40	7.3	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
1,1,1-Trichloroethane	ND	40	6.2	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
1,1,2-Trichloroethane	ND	40	6.1	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
Trichloroethylene	1200	40	6.2	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
Trichlorofluoromethane (Freon 11)	ND	80	6.4	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
1,2,3-Trichloropropane	ND	80	9.4	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	40	5.8	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
1,2,4-Trimethylbenzene	ND	40	6.1	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
1,3,5-Trimethylbenzene	ND	40	6.3	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
Vinyl Chloride	15	80	8.7	µg/L	40	J	SW-846 8260D	10/20/25	10/22/25 4:34	MFF
m+p Xylene	ND	80	12	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
o-Xylene	ND	40	6.4	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF
Xylenes (total)	ND	40	40	µg/L	40		SW-846 8260D	10/20/25	10/22/25 4:34	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		10/22/25 4:34
Toluene-d8	101	70-130		10/22/25 4:34
4-Bromofluorobenzene	91.2	70-130		10/22/25 4:34

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Sample Extraction Data

Prep Method:EPA 3050B **Analytical Method:6010D**
Media :

Lab Number [Field ID]	Batch	Initial [g]	Final [ml]	Date
25J1233-03 [Waste-Characterization_Soil]	WG2134006	1.261	50	10/29/25

Prep Method:EPA 7471B **Analytical Method:7471B**
Media :

Lab Number [Field ID]	Batch	Initial [g]	Final [ml]	Date
25J1233-03 [Waste-Characterization_Soil]	WG2134007	.352	50	10/29/25

Sample Extraction Data

Prep Method:% Solids **Analytical Method:SM 2540G**

Lab Number [Field ID]	Batch	Date
25J1233-01 [SB-SE1_112.5-115]	B415629	10/20/25
25J1233-06 [SB-NW1-10-12.5]	B415629	10/20/25
25J1233-07 [SB-NW1-12.5-15]	B415629	10/20/25
25J1233-08 [SB-NW1-15-20]	B415629	10/20/25

Prep Method:% Solids **Analytical Method:SM 2540G**

Lab Number [Field ID]	Batch	Date
25J1233-03 [Waste-Characterization_Soil]	B415836	10/22/25

Prep Method:SW-846 3546 **Analytical Method:SW-846 8082A**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
25J1233-03 [Waste-Characterization_Soil]	B415936	10.1	10.0	10/23/25

Prep Method:SW-846 5035 **Analytical Method:SW-846 8260D**

Lab Number [Field ID]	Batch	Sample Amount(g)	Methanol Volume(mL)	Methanol Aliquot(mL)	Final Volume(mL)	Date
25J1233-07 [SB-NW1-12.5-15]	B415670	6.05	5.00	0.001	50	10/20/25

Prep Method:SW-846 5035 **Analytical Method:SW-846 8260D**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
25J1233-01 [SB-SE1_112.5-115]	B415760	6.10	10.0	10/21/25
25J1233-02 [Trip Blank]	B415760	5.00	10.0	10/21/25
25J1233-06 [SB-NW1-10-12.5]	B415760	7.90	10.0	10/21/25
25J1233-08 [SB-NW1-15-20]	B415760	5.65	10.0	10/21/25

Prep Method:SW-846 5035 **Analytical Method:SW-846 8260D**

Lab Number [Field ID]	Batch	Sample Amount(g)	Methanol Volume(mL)	Methanol Aliquot(mL)	Final Volume(mL)	Date
25J1233-06RE1 [SB-NW1-10-12.5]	B415765	6.13	5.75	0.05	50	10/21/25
25J1233-08RE1 [SB-NW1-15-20]	B415765	5.81	5.39	0.05	50	10/21/25

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Sample Extraction Data

Prep Method:SW-846 5035 **Analytical Method:SW-846 8260D**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
25J1233-03 [Waste-Characterization_Soil]	B415947	5.70	10.0	10/23/25

Prep Method:SW-846 5030B **Analytical Method:SW-846 8260D**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
25J1233-04 [SB-SE1_115]	B415658	5	5.00	10/20/25
25J1233-05 [SB-SE1_133]	B415658	5	5.00	10/20/25
25J1233-09 [Cistern_North]	B415658	0.125	5.00	10/20/25

Prep Method:SW-846 3546 **Analytical Method:SW-846 8270E**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
25J1233-03 [Waste-Characterization_Soil]	B415896	30.2	1.00	10/22/25

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B415658 - SW-846 5030B										
Blank (B415658-BLK1)				Prepared: 10/20/25 Analyzed: 10/21/25						
Acetone	ND	50	µg/L							
Benzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							V-05
2-Butanone (MEK)	ND	20	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
Carbon Disulfide	ND	5.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
Cyclohexane	ND	5.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl Acetate	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methyl Cyclohexane	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							

Pace Analytical Services, LLC - East Longmeadow, Ma

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B415658 - SW-846 5030B											
Blank (B415658-BLK1)				Prepared: 10/20/25 Analyzed: 10/21/25							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L								
1,2,3-Trichloropropane	ND	2.0	µg/L								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L								
1,2,4-Trimethylbenzene	ND	1.0	µg/L								
1,3,5-Trimethylbenzene	ND	1.0	µg/L								
Vinyl Chloride	ND	2.0	µg/L								
m+p Xylene	ND	2.0	µg/L								
o-Xylene	ND	1.0	µg/L								
Xylenes (total)	ND	1.0	µg/L								
Surrogate: 1,2-Dichloroethane-d4	*24.8*		µg/L	25.00		99.4	70-130				
Surrogate: Toluene-d8	*24.9*		µg/L	25.00		99.6	70-130				
Surrogate: 4-Bromofluorobenzene	*23.2*		µg/L	25.00		92.8	70-130				
LCS (B415658-BS1)				Prepared: 10/20/25 Analyzed: 10/21/25							
Acetone	72.2	50	µg/L	100.0		72.2	70-160				†
Benzene	9.50	1.0	µg/L	10.00		95.0	70-130				
Bromochloromethane	10.4	1.0	µg/L	10.00		104	70-130			V-20	
Bromodichloromethane	8.96	0.50	µg/L	10.00		89.6	70-130				
Bromoform	8.14	1.0	µg/L	10.00		81.4	70-130				
Bromomethane	7.12	2.0	µg/L	10.00		71.2	40-160			V-05	†
2-Butanone (MEK)	84.4	20	µg/L	100.0		84.4	40-160				†
n-Butylbenzene	8.35	1.0	µg/L	10.00		83.5	70-130				
sec-Butylbenzene	8.92	1.0	µg/L	10.00		89.2	70-130				
tert-Butylbenzene	9.05	1.0	µg/L	10.00		90.5	70-130				
Carbon Disulfide	91.4	5.0	µg/L	100.0		91.4	70-130				
Carbon Tetrachloride	9.02	5.0	µg/L	10.00		90.2	70-130				
Chlorobenzene	9.39	1.0	µg/L	10.00		93.9	70-130				
Chlorodibromomethane	8.51	0.50	µg/L	10.00		85.1	70-130				
Chloroethane	7.72	2.0	µg/L	10.00		77.2	70-130				
Chloroform	9.12	2.0	µg/L	10.00		91.2	70-130				
Chloromethane	13.1	2.0	µg/L	10.00		131	40-160			V-20	†
Cyclohexane	10.1	5.0	µg/L	10.00		101	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	7.77	5.0	µg/L	10.00		77.7	70-130				
1,2-Dibromoethane (EDB)	8.89	0.50	µg/L	10.00		88.9	70-130				
1,2-Dichlorobenzene	9.25	1.0	µg/L	10.00		92.5	70-130				
1,3-Dichlorobenzene	9.02	1.0	µg/L	10.00		90.2	70-130				
1,4-Dichlorobenzene	8.50	1.0	µg/L	10.00		85.0	70-130				
Dichlorodifluoromethane (Freon 12)	9.89	2.0	µg/L	10.00		98.9	40-160				†
1,1-Dichloroethane	9.55	1.0	µg/L	10.00		95.5	70-130				
1,2-Dichloroethane	8.55	1.0	µg/L	10.00		85.5	70-130				
1,1-Dichloroethylene	7.65	1.0	µg/L	10.00		76.5	70-130				
cis-1,2-Dichloroethylene	9.42	1.0	µg/L	10.00		94.2	70-130				
trans-1,2-Dichloroethylene	8.82	1.0	µg/L	10.00		88.2	70-130				
1,2-Dichloropropane	9.09	1.0	µg/L	10.00		90.9	70-130				
cis-1,3-Dichloropropene	9.05	0.50	µg/L	10.00		90.5	70-130				
trans-1,3-Dichloropropene	8.89	0.50	µg/L	10.00		88.9	70-130				
Ethylbenzene	9.05	1.0	µg/L	10.00		90.5	70-130				
2-Hexanone (MBK)	77.2	10	µg/L	100.0		77.2	70-160				†
Isopropylbenzene (Cumene)	9.08	1.0	µg/L	10.00		90.8	70-130				
p-Isopropyltoluene (p-Cymene)	8.45	1.0	µg/L	10.00		84.5	70-130				
Methyl Acetate	8.10	1.0	µg/L	10.00		81.0	70-130				
Methyl tert-Butyl Ether (MTBE)	9.11	1.0	µg/L	10.00		91.1	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B415658 - SW-846 5030B											
LCS (B415658-BS1)				Prepared: 10/20/25 Analyzed: 10/21/25							
Methyl Cyclohexane	9.68	1.0	µg/L	10.00		96.8	70-130				
Methylene Chloride	9.28	5.0	µg/L	10.00		92.8	70-130				
4-Methyl-2-pentanone (MIBK)	80.3	10	µg/L	100.0		80.3	70-160				†
Naphthalene	8.94	2.0	µg/L	10.00		89.4	40-130				†
n-Propylbenzene	8.77	1.0	µg/L	10.00		87.7	70-130				
Styrene	8.74	1.0	µg/L	10.00		87.4	70-130				
1,1,2,2-Tetrachloroethane	8.19	0.50	µg/L	10.00		81.9	70-130				
Tetrachloroethylene	9.49	1.0	µg/L	10.00		94.9	70-130				
Toluene	9.19	1.0	µg/L	10.00		91.9	70-130				
1,2,3-Trichlorobenzene	9.63	5.0	µg/L	10.00		96.3	70-130				
1,2,4-Trichlorobenzene	8.65	1.0	µg/L	10.00		86.5	70-130				
1,1,1-Trichloroethane	8.99	1.0	µg/L	10.00		89.9	70-130				
1,1,2-Trichloroethane	9.14	1.0	µg/L	10.00		91.4	70-130				
Trichloroethylene	9.27	1.0	µg/L	10.00		92.7	70-130				
Trichlorofluoromethane (Freon 11)	8.04	2.0	µg/L	10.00		80.4	70-130				
1,2,3-Trichloropropane	7.40	2.0	µg/L	10.00		74.0	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.08	1.0	µg/L	10.00		80.8	70-130				
1,2,4-Trimethylbenzene	8.86	1.0	µg/L	10.00		88.6	70-130				
1,3,5-Trimethylbenzene	8.74	1.0	µg/L	10.00		87.4	70-130				
Vinyl Chloride	9.18	2.0	µg/L	10.00		91.8	40-160				†
m+p Xylene	17.9	2.0	µg/L	20.00		89.3	70-130				
o-Xylene	9.14	1.0	µg/L	10.00		91.4	70-130				
Xylenes (total)	27.0	1.0	µg/L	30.00		90.0	0-200				
Surrogate: 1,2-Dichloroethane-d4	*23.9*		µg/L	25.00		95.7	70-130				
Surrogate: Toluene-d8	*25.1*		µg/L	25.00		100	70-130				
Surrogate: 4-Bromofluorobenzene	*24.2*		µg/L	25.00		96.9	70-130				
LCS Dup (B415658-BSD1)				Prepared: 10/20/25 Analyzed: 10/21/25							
Acetone	67.3	50	µg/L	100.0		**67.3**	* 70-160	7.05	25	L-07	†
Benzene	9.17	1.0	µg/L	10.00		91.7	70-130	3.54	25		
Bromochloromethane	10.2	1.0	µg/L	10.00		102	70-130	1.36	25	V-20	
Bromodichloromethane	8.86	0.50	µg/L	10.00		88.6	70-130	1.12	25		
Bromoform	7.40	1.0	µg/L	10.00		74.0	70-130	9.52	25		
Bromomethane	6.93	2.0	µg/L	10.00		69.3	40-160	2.70	25	V-05	†
2-Butanone (MEK)	84.7	20	µg/L	100.0		84.7	40-160	0.449	25		†
n-Butylbenzene	7.49	1.0	µg/L	10.00		74.9	70-130	10.9	25		
sec-Butylbenzene	8.01	1.0	µg/L	10.00		80.1	70-130	10.8	25		
tert-Butylbenzene	8.38	1.0	µg/L	10.00		83.8	70-130	7.69	25		
Carbon Disulfide	86.5	5.0	µg/L	100.0		86.5	70-130	5.49	25		
Carbon Tetrachloride	8.48	5.0	µg/L	10.00		84.8	70-130	6.17	25		
Chlorobenzene	8.92	1.0	µg/L	10.00		89.2	70-130	5.13	25		
Chlorodibromomethane	8.32	0.50	µg/L	10.00		83.2	70-130	2.26	25		
Chloroethane	7.56	2.0	µg/L	10.00		75.6	70-130	2.09	25		
Chloroform	8.96	2.0	µg/L	10.00		89.6	70-130	1.77	25		
Chloromethane	12.9	2.0	µg/L	10.00		129	40-160	1.53	25	V-20	†
Cyclohexane	9.60	5.0	µg/L	10.00		96.0	70-130	5.08	25		
1,2-Dibromo-3-chloropropane (DBCP)	7.60	5.0	µg/L	10.00		76.0	70-130	2.21	25		
1,2-Dibromoethane (EDB)	8.79	0.50	µg/L	10.00		87.9	70-130	1.13	25		
1,2-Dichlorobenzene	7.93	1.0	µg/L	10.00		79.3	70-130	15.4	25		
1,3-Dichlorobenzene	8.38	1.0	µg/L	10.00		83.8	70-130	7.36	25		
1,4-Dichlorobenzene	7.81	1.0	µg/L	10.00		78.1	70-130	8.46	25		
Dichlorodifluoromethane (Freon 12)	9.39	2.0	µg/L	10.00		93.9	40-160	5.19	25		†

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B415658 - SW-846 5030B										
LCS Dup (B415658-BSD1)				Prepared: 10/20/25 Analyzed: 10/21/25						
1,1-Dichloroethane	9.18	1.0	µg/L	10.00		91.8	70-130	3.95	25	
1,2-Dichloroethane	8.22	1.0	µg/L	10.00		82.2	70-130	3.94	25	
1,1-Dichloroethylene	7.01	1.0	µg/L	10.00		70.1	70-130	8.73	25	
cis-1,2-Dichloroethylene	8.78	1.0	µg/L	10.00		87.8	70-130	7.03	25	
trans-1,2-Dichloroethylene	8.44	1.0	µg/L	10.00		84.4	70-130	4.40	25	
1,2-Dichloropropane	8.77	1.0	µg/L	10.00		87.7	70-130	3.58	25	
cis-1,3-Dichloropropene	8.48	0.50	µg/L	10.00		84.8	70-130	6.50	25	
trans-1,3-Dichloropropene	8.88	0.50	µg/L	10.00		88.8	70-130	0.113	25	
Ethylbenzene	8.62	1.0	µg/L	10.00		86.2	70-130	4.87	25	
2-Hexanone (MBK)	72.6	10	µg/L	100.0		72.6	70-160	6.22	25	†
Isopropylbenzene (Cumene)	8.45	1.0	µg/L	10.00		84.5	70-130	7.19	25	
p-Isopropyltoluene (p-Cymene)	7.70	1.0	µg/L	10.00		77.0	70-130	9.29	25	
Methyl Acetate	7.71	1.0	µg/L	10.00		77.1	70-130	4.93	25	
Methyl tert-Butyl Ether (MTBE)	8.64	1.0	µg/L	10.00		86.4	70-130	5.30	25	
Methyl Cyclohexane	9.38	1.0	µg/L	10.00		93.8	70-130	3.15	25	
Methylene Chloride	9.04	5.0	µg/L	10.00		90.4	70-130	2.62	25	
4-Methyl-2-pentanone (MIBK)	75.8	10	µg/L	100.0		75.8	70-160	5.69	25	†
Naphthalene	7.80	2.0	µg/L	10.00		78.0	40-130	13.6	25	†
n-Propylbenzene	8.14	1.0	µg/L	10.00		81.4	70-130	7.45	25	
Styrene	8.49	1.0	µg/L	10.00		84.9	70-130	2.90	25	
1,1,2,2-Tetrachloroethane	8.04	0.50	µg/L	10.00		80.4	70-130	1.85	25	
Tetrachloroethylene	8.96	1.0	µg/L	10.00		89.6	70-130	5.75	25	
Toluene	8.73	1.0	µg/L	10.00		87.3	70-130	5.13	25	
1,2,3-Trichlorobenzene	8.56	5.0	µg/L	10.00		85.6	70-130	11.8	25	
1,2,4-Trichlorobenzene	8.08	1.0	µg/L	10.00		80.8	70-130	6.81	25	
1,1,1-Trichloroethane	8.56	1.0	µg/L	10.00		85.6	70-130	4.90	25	
1,1,2-Trichloroethane	8.82	1.0	µg/L	10.00		88.2	70-130	3.56	25	
Trichloroethylene	8.59	1.0	µg/L	10.00		85.9	70-130	7.61	25	
Trichlorofluoromethane (Freon 11)	7.72	2.0	µg/L	10.00		77.2	70-130	4.06	25	
1,2,3-Trichloropropane	7.47	2.0	µg/L	10.00		74.7	70-130	0.941	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.53	1.0	µg/L	10.00		75.3	70-130	7.05	25	
1,2,4-Trimethylbenzene	8.14	1.0	µg/L	10.00		81.4	70-130	8.47	25	
1,3,5-Trimethylbenzene	8.01	1.0	µg/L	10.00		80.1	70-130	8.72	25	
Vinyl Chloride	8.58	2.0	µg/L	10.00		85.8	40-160	6.76	25	†
m+p Xylene	16.7	2.0	µg/L	20.00		83.7	70-130	6.47	25	
o-Xylene	8.42	1.0	µg/L	10.00		84.2	70-130	8.20	25	
Xylenes (total)	25.2	1.0	µg/L	30.00		83.9	0-200	7.06		
Surrogate: 1,2-Dichloroethane-d4	*24.0*		µg/L	25.00		95.8	70-130			
Surrogate: Toluene-d8	*25.2*		µg/L	25.00		101	70-130			
Surrogate: 4-Bromofluorobenzene	*25.0*		µg/L	25.00		100	70-130			
Batch B415670 - SW-846 5035										
Blank (B415670-BLK1)				Prepared: 10/20/25 Analyzed: 10/21/25						
Acetone	ND	2.5	mg/Kg wet							
Benzene	ND	0.050	mg/Kg wet							
Bromochloromethane	ND	0.050	mg/Kg wet							
Bromodichloromethane	ND	0.050	mg/Kg wet							
Bromoform	ND	0.050	mg/Kg wet							
Bromomethane	ND	0.10	mg/Kg wet							
2-Butanone (MEK)	ND	1.0	mg/Kg wet							
n-Butylbenzene	ND	0.050	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B415670 - SW-846 5035										
Blank (B415670-BLK1)				Prepared: 10/20/25 Analyzed: 10/21/25						
sec-Butylbenzene	ND	0.050	mg/Kg wet							
tert-Butylbenzene	ND	0.050	mg/Kg wet							
Carbon Disulfide	ND	0.25	mg/Kg wet							
Carbon Tetrachloride	ND	0.050	mg/Kg wet							
Chlorobenzene	ND	0.050	mg/Kg wet							
Chlorodibromomethane	ND	0.025	mg/Kg wet							
Chloroethane	ND	0.10	mg/Kg wet							
Chloroform	ND	0.10	mg/Kg wet							
Chloromethane	ND	0.10	mg/Kg wet							
Cyclohexane	ND	0.10	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.25	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.025	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.050	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.050	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.050	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.10	mg/Kg wet							R-05
1,1-Dichloroethane	ND	0.050	mg/Kg wet							
1,2-Dichloroethane	ND	0.050	mg/Kg wet							
1,1-Dichloroethylene	ND	0.050	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
1,2-Dichloropropane	ND	0.050	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.025	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.025	mg/Kg wet							
Ethylbenzene	ND	0.050	mg/Kg wet							
2-Hexanone (MBK)	ND	0.50	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.050	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.050	mg/Kg wet							
Methyl Acetate	ND	0.50	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.050	mg/Kg wet							
Methyl Cyclohexane	ND	0.050	mg/Kg wet							
Methylene Chloride	ND	0.25	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.50	mg/Kg wet							
Naphthalene	ND	0.10	mg/Kg wet							
n-Propylbenzene	ND	0.050	mg/Kg wet							
Styrene	ND	0.050	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.025	mg/Kg wet							
Tetrachloroethylene	ND	0.050	mg/Kg wet							
Toluene	ND	0.050	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.25	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.050	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.050	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.050	mg/Kg wet							
Trichloroethylene	ND	0.050	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.10	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.10	mg/Kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.050	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.050	mg/Kg wet							
1,3,5-Trimethylbenzene	ND	0.050	mg/Kg wet							
Vinyl Chloride	ND	0.10	mg/Kg wet							
m+p Xylene	ND	0.10	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B415670 - SW-846 5035												
Blank (B415670-BLK1)				Prepared: 10/20/25 Analyzed: 10/21/25								
o-Xylene	ND	0.050	mg/Kg wet									
Xylenes (total)	ND	0.050	mg/Kg wet									
Surrogate: 1,2-Dichloroethane-d4	*0.0256*		mg/Kg wet	0.02500		103		70-130				
Surrogate: Toluene-d8	*0.0250*		mg/Kg wet	0.02500		99.9		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0213*		mg/Kg wet	0.02500		85.3		70-130				
LCS (B415670-BS1)				Prepared: 10/20/25 Analyzed: 10/21/25								
Acetone	3.97	2.5	mg/Kg wet	5.000		79.5		70-160				†
Benzene	0.558	0.050	mg/Kg wet	0.5000		112		70-130				
Bromochloromethane	0.608	0.050	mg/Kg wet	0.5000		122		70-130			V-20	
Bromodichloromethane	0.542	0.050	mg/Kg wet	0.5000		108		70-130				
Bromoform	0.468	0.050	mg/Kg wet	0.5000		93.5		70-130				
Bromomethane	0.404	0.10	mg/Kg wet	0.5000		80.7		40-130				†
2-Butanone (MEK)	4.55	1.0	mg/Kg wet	5.000		91.0		70-160				†
n-Butylbenzene	0.507	0.050	mg/Kg wet	0.5000		101		70-130				
sec-Butylbenzene	0.534	0.050	mg/Kg wet	0.5000		107		70-130				
tert-Butylbenzene	0.536	0.050	mg/Kg wet	0.5000		107		70-160				†
Carbon Disulfide	4.82	0.25	mg/Kg wet	5.000		96.4		70-130				
Carbon Tetrachloride	0.559	0.050	mg/Kg wet	0.5000		112		70-130				
Chlorobenzene	0.534	0.050	mg/Kg wet	0.5000		107		70-130				
Chlorodibromomethane	0.505	0.025	mg/Kg wet	0.5000		101		70-130				
Chloroethane	0.448	0.10	mg/Kg wet	0.5000		89.7		70-130				
Chloroform	0.558	0.10	mg/Kg wet	0.5000		112		70-130				
Chloromethane	0.894	0.10	mg/Kg wet	0.5000		**179**	*	70-130			L-02, V-20	
Cyclohexane	0.560	0.10	mg/Kg wet	0.5000		112		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.440	0.25	mg/Kg wet	0.5000		87.9		70-130				
1,2-Dibromoethane (EDB)	0.514	0.025	mg/Kg wet	0.5000		103		70-130				
1,2-Dichlorobenzene	0.512	0.050	mg/Kg wet	0.5000		102		70-130				
1,3-Dichlorobenzene	0.536	0.050	mg/Kg wet	0.5000		107		70-130				
1,4-Dichlorobenzene	0.494	0.050	mg/Kg wet	0.5000		98.7		70-130				
Dichlorodifluoromethane (Freon 12)	0.571	0.10	mg/Kg wet	0.5000		114		40-160			R-05, V-20	†
1,1-Dichloroethane	0.576	0.050	mg/Kg wet	0.5000		115		70-130				
1,2-Dichloroethane	0.530	0.050	mg/Kg wet	0.5000		106		70-130				
1,1-Dichloroethylene	0.462	0.050	mg/Kg wet	0.5000		92.5		70-130				
cis-1,2-Dichloroethylene	0.556	0.050	mg/Kg wet	0.5000		111		70-130				
trans-1,2-Dichloroethylene	0.510	0.050	mg/Kg wet	0.5000		102		70-130				
1,2-Dichloropropane	0.559	0.050	mg/Kg wet	0.5000		112		70-130				
cis-1,3-Dichloropropene	0.518	0.025	mg/Kg wet	0.5000		104		70-130				
trans-1,3-Dichloropropene	0.538	0.025	mg/Kg wet	0.5000		108		70-130				
Ethylbenzene	0.534	0.050	mg/Kg wet	0.5000		107		70-130				
2-Hexanone (MBK)	3.78	0.50	mg/Kg wet	5.000		75.6		70-160				†
Isopropylbenzene (Cumene)	0.534	0.050	mg/Kg wet	0.5000		107		70-130				
p-Isopropyltoluene (p-Cymene)	0.501	0.050	mg/Kg wet	0.5000		100		70-130				
Methyl Acetate	0.460	0.50	mg/Kg wet	0.5000		91.9		70-130			J	
Methyl tert-Butyl Ether (MTBE)	0.497	0.050	mg/Kg wet	0.5000		99.4		70-130				
Methyl Cyclohexane	0.606	0.050	mg/Kg wet	0.5000		121		70-130			V-20	
Methylene Chloride	0.548	0.25	mg/Kg wet	0.5000		110		40-160				†
4-Methyl-2-pentanone (MIBK)	4.07	0.50	mg/Kg wet	5.000		81.3		70-160				†
Naphthalene	0.408	0.10	mg/Kg wet	0.5000		81.7		40-130				†
n-Propylbenzene	0.525	0.050	mg/Kg wet	0.5000		105		70-130				
Styrene	0.510	0.050	mg/Kg wet	0.5000		102		70-130				
1,1,2,2-Tetrachloroethane	0.468	0.025	mg/Kg wet	0.5000		93.6		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD		RPD Limit	Notes	
Batch B415670 - SW-846 5035													
LCS (B415670-BS1)				Prepared: 10/20/25 Analyzed: 10/21/25									
Tetrachloroethylene	0.564	0.050	mg/Kg wet	0.5000		113		70-130					
Toluene	0.536	0.050	mg/Kg wet	0.5000		107		70-130					
1,2,3-Trichlorobenzene	0.508	0.25	mg/Kg wet	0.5000		102		70-130					
1,2,4-Trichlorobenzene	0.504	0.050	mg/Kg wet	0.5000		101		70-130					
1,1,1-Trichloroethane	0.542	0.050	mg/Kg wet	0.5000		108		70-130					
1,1,2-Trichloroethane	0.520	0.050	mg/Kg wet	0.5000		104		70-130					
Trichloroethylene	0.544	0.050	mg/Kg wet	0.5000		109		70-130					
Trichlorofluoromethane (Freon 11)	0.509	0.10	mg/Kg wet	0.5000		102		70-130					
1,2,3-Trichloropropane	0.424	0.10	mg/Kg wet	0.5000		84.8		70-130					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.512	0.050	mg/Kg wet	0.5000		102		70-130					
1,2,4-Trimethylbenzene	0.503	0.050	mg/Kg wet	0.5000		101		70-130					
1,3,5-Trimethylbenzene	0.506	0.050	mg/Kg wet	0.5000		101		70-130					
Vinyl Chloride	0.533	0.10	mg/Kg wet	0.5000		107		40-130					†
m+p Xylene	1.05	0.10	mg/Kg wet	1.000		105		70-130					
o-Xylene	0.526	0.050	mg/Kg wet	0.5000		105		70-130					
Surrogate: 1,2-Dichloroethane-d4	*0.0264*		mg/Kg wet	0.02500		106		70-130					
Surrogate: Toluene-d8	*0.0254*		mg/Kg wet	0.02500		102		70-130					
Surrogate: 4-Bromofluorobenzene	*0.0243*		mg/Kg wet	0.02500		97.2		70-130					
LCS Dup (B415670-BSD1)				Prepared: 10/20/25 Analyzed: 10/21/25									
Acetone	4.36	2.5	mg/Kg wet	5.000		87.2		70-160	9.26		25		†
Benzene	0.630	0.050	mg/Kg wet	0.5000		126		70-130	12.2		25		
Bromochloromethane	0.660	0.050	mg/Kg wet	0.5000		**132**	*	70-130	8.20		25	L-07, V-20	
Bromodichloromethane	0.580	0.050	mg/Kg wet	0.5000		116		70-130	6.77		25		
Bromoform	0.478	0.050	mg/Kg wet	0.5000		95.6		70-130	2.22		25		
Bromomethane	0.474	0.10	mg/Kg wet	0.5000		94.9		40-130	16.2		25		†
2-Butanone (MEK)	5.11	1.0	mg/Kg wet	5.000		102		70-160	11.7		25		†
n-Butylbenzene	0.542	0.050	mg/Kg wet	0.5000		108		70-130	6.77		25		
sec-Butylbenzene	0.565	0.050	mg/Kg wet	0.5000		113		70-130	5.74		25		
tert-Butylbenzene	0.578	0.050	mg/Kg wet	0.5000		116		70-160	7.72		25		†
Carbon Disulfide	6.15	0.25	mg/Kg wet	5.000		123		70-130	24.3		25		
Carbon Tetrachloride	0.635	0.050	mg/Kg wet	0.5000		127		70-130	12.7		25		
Chlorobenzene	0.594	0.050	mg/Kg wet	0.5000		119		70-130	10.7		25		
Chlorodibromomethane	0.544	0.025	mg/Kg wet	0.5000		109		70-130	7.34		25		
Chloroethane	0.524	0.10	mg/Kg wet	0.5000		105		70-130	15.6		25		
Chloroform	0.602	0.10	mg/Kg wet	0.5000		120		70-130	7.68		25		
Chloromethane	1.01	0.10	mg/Kg wet	0.5000		**203**	*	70-130	12.5		25	L-02, V-20	
Cyclohexane	0.666	0.10	mg/Kg wet	0.5000		**133**	*	70-130	17.3		25	L-07	
1,2-Dibromo-3-chloropropane (DBCP)	0.481	0.25	mg/Kg wet	0.5000		96.2		70-130	9.02		25		
1,2-Dibromoethane (EDB)	0.566	0.025	mg/Kg wet	0.5000		113		70-130	9.81		25		
1,2-Dichlorobenzene	0.570	0.050	mg/Kg wet	0.5000		114		70-130	10.6		25		
1,3-Dichlorobenzene	0.576	0.050	mg/Kg wet	0.5000		115		70-130	7.37		25		
1,4-Dichlorobenzene	0.530	0.050	mg/Kg wet	0.5000		106		70-130	7.23		25		
Dichlorodifluoromethane (Freon 12)	0.748	0.10	mg/Kg wet	0.5000		150		40-160	**26.8**	*	25	R-05, V-20	†
1,1-Dichloroethane	0.634	0.050	mg/Kg wet	0.5000		127		70-130	9.59		25		
1,2-Dichloroethane	0.550	0.050	mg/Kg wet	0.5000		110		70-130	3.61		25		
1,1-Dichloroethylene	0.526	0.050	mg/Kg wet	0.5000		105		70-130	12.9		25		
cis-1,2-Dichloroethylene	0.610	0.050	mg/Kg wet	0.5000		122		70-130	9.43		25		
trans-1,2-Dichloroethylene	0.572	0.050	mg/Kg wet	0.5000		114		70-130	11.6		25		
1,2-Dichloropropane	0.598	0.050	mg/Kg wet	0.5000		120		70-130	6.83		25		
cis-1,3-Dichloropropene	0.593	0.025	mg/Kg wet	0.5000		119		70-130	13.5		25		
trans-1,3-Dichloropropene	0.592	0.025	mg/Kg wet	0.5000		118		70-130	9.47		25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B415670 - SW-846 5035												
LCS Dup (B415670-BSD1)				Prepared: 10/20/25 Analyzed: 10/21/25								
Ethylbenzene	0.566	0.050	mg/Kg wet	0.5000		113		70-130	5.82	25		
2-Hexanone (MBK)	4.36	0.50	mg/Kg wet	5.000		87.1		70-160	14.2	25		†
Isopropylbenzene (Cumene)	0.565	0.050	mg/Kg wet	0.5000		113		70-130	5.64	25		
p-Isopropyltoluene (p-Cymene)	0.536	0.050	mg/Kg wet	0.5000		107		70-130	6.75	25		
Methyl Acetate	0.471	0.50	mg/Kg wet	0.5000		94.2		70-130	2.47	25	J	
Methyl tert-Butyl Ether (MTBE)	0.561	0.050	mg/Kg wet	0.5000		112		70-130	12.1	25		
Methyl Cyclohexane	0.686	0.050	mg/Kg wet	0.5000		**137**	*	70-130	12.5	25	L-07, V-20	
Methylene Chloride	0.619	0.25	mg/Kg wet	0.5000		124		40-160	12.2	25		†
4-Methyl-2-pentanone (MIBK)	4.58	0.50	mg/Kg wet	5.000		91.6		70-160	11.8	25		†
Naphthalene	0.446	0.10	mg/Kg wet	0.5000		89.3		40-130	8.89	25		†
n-Propylbenzene	0.549	0.050	mg/Kg wet	0.5000		110		70-130	4.47	25		
Styrene	0.554	0.050	mg/Kg wet	0.5000		111		70-130	8.46	25		
1,1,2,2-Tetrachloroethane	0.496	0.025	mg/Kg wet	0.5000		99.1		70-130	5.71	25		
Tetrachloroethylene	0.612	0.050	mg/Kg wet	0.5000		122		70-130	8.08	25		
Toluene	0.580	0.050	mg/Kg wet	0.5000		116		70-130	7.79	25		
1,2,3-Trichlorobenzene	0.496	0.25	mg/Kg wet	0.5000		99.2		70-130	2.29	25		
1,2,4-Trichlorobenzene	0.517	0.050	mg/Kg wet	0.5000		103		70-130	2.65	25		
1,1,1-Trichloroethane	0.626	0.050	mg/Kg wet	0.5000		125		70-130	14.5	25		
1,1,2-Trichloroethane	0.566	0.050	mg/Kg wet	0.5000		113		70-130	8.29	25		
Trichloroethylene	0.608	0.050	mg/Kg wet	0.5000		122		70-130	11.0	25		
Trichlorofluoromethane (Freon 11)	0.589	0.10	mg/Kg wet	0.5000		118		70-130	14.6	25		
1,2,3-Trichloropropane	0.424	0.10	mg/Kg wet	0.5000		84.7		70-130	0.118	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.562	0.050	mg/Kg wet	0.5000		112		70-130	9.40	25		
1,2,4-Trimethylbenzene	0.544	0.050	mg/Kg wet	0.5000		109		70-130	7.74	25		
1,3,5-Trimethylbenzene	0.546	0.050	mg/Kg wet	0.5000		109		70-130	7.60	25		
Vinyl Chloride	0.640	0.10	mg/Kg wet	0.5000		128		40-130	18.2	25		†
m+p Xylene	1.12	0.10	mg/Kg wet	1.000		112		70-130	6.48	25		
o-Xylene	0.554	0.050	mg/Kg wet	0.5000		111		70-130	5.28	25		
Surrogate: 1,2-Dichloroethane-d4	*0.0259*		mg/Kg wet	0.02500		104		70-130				
Surrogate: Toluene-d8	*0.0254*		mg/Kg wet	0.02500		102		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0246*		mg/Kg wet	0.02500		98.4		70-130				
Batch B415760 - SW-846 5035												
Blank (B415760-BLK1)				Prepared & Analyzed: 10/21/25								
Acetone	ND	0.10	mg/Kg wet									
Benzene	ND	0.0020	mg/Kg wet									
Bromochloromethane	ND	0.0020	mg/Kg wet									
Bromodichloromethane	ND	0.0020	mg/Kg wet									
Bromoform	ND	0.0020	mg/Kg wet									
Bromomethane	ND	0.010	mg/Kg wet								V-34	
2-Butanone (MEK)	ND	0.040	mg/Kg wet									
n-Butylbenzene	ND	0.0020	mg/Kg wet									
sec-Butylbenzene	ND	0.0020	mg/Kg wet									
tert-Butylbenzene	ND	0.0020	mg/Kg wet									
Carbon Disulfide	ND	0.020	mg/Kg wet									
Carbon Tetrachloride	ND	0.0020	mg/Kg wet									
Chlorobenzene	ND	0.0020	mg/Kg wet									
Chlorodibromomethane	ND	0.0010	mg/Kg wet									
Chloroethane	ND	0.020	mg/Kg wet									
Chloroform	ND	0.0040	mg/Kg wet									
Chloromethane	ND	0.010	mg/Kg wet									

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B415760 - SW-846 5035										
Blank (B415760-BLK1)			Prepared & Analyzed: 10/21/25							
Cyclohexane	ND	0.010	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Ethylbenzene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl Acetate	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							
Methyl Cyclohexane	ND	0.0020	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.0040	mg/Kg wet							
n-Propylbenzene	ND	0.0020	mg/Kg wet							
Styrene	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							
Tetrachloroethylene	ND	0.0020	mg/Kg wet							
Toluene	ND	0.0020	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet							
Trichloroethylene	ND	0.0020	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet							
Vinyl Chloride	ND	0.010	mg/Kg wet							V-34
m+p Xylene	ND	0.0040	mg/Kg wet							
o-Xylene	ND	0.0020	mg/Kg wet							
Xylenes (total)	ND	0.0020	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	*0.0487*		mg/Kg wet	0.05000		97.3	70-130			
Surrogate: Toluene-d8	*0.0536*		mg/Kg wet	0.05000		107	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0460*		mg/Kg wet	0.05000		92.0	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B415760 - SW-846 5035												
LCS (B415760-BS1)				Prepared & Analyzed: 10/21/25								
Acetone	0.239	0.10	mg/Kg wet	0.2000		120		70-160			V-36	†
Benzene	0.0198	0.0020	mg/Kg wet	0.02000		99.0		70-130				
Bromochloromethane	0.0220	0.0020	mg/Kg wet	0.02000		110		70-130				
Bromodichloromethane	0.0223	0.0020	mg/Kg wet	0.02000		111		70-130				
Bromoform	0.0265	0.0020	mg/Kg wet	0.02000		**133**	*	70-130			L-07, V-20	
Bromomethane	0.0266	0.010	mg/Kg wet	0.02000		**133**	*	40-130			L-07, V-20, V-34	†
2-Butanone (MEK)	0.245	0.040	mg/Kg wet	0.2000		123		70-160				†
n-Butylbenzene	0.0176	0.0020	mg/Kg wet	0.02000		88.1		70-130				
sec-Butylbenzene	0.0190	0.0020	mg/Kg wet	0.02000		95.2		70-130				
tert-Butylbenzene	0.0177	0.0020	mg/Kg wet	0.02000		88.7		70-160				†
Carbon Disulfide	0.206	0.020	mg/Kg wet	0.2000		103		70-130				
Carbon Tetrachloride	0.0207	0.0020	mg/Kg wet	0.02000		103		70-130				
Chlorobenzene	0.0198	0.0020	mg/Kg wet	0.02000		99.0		70-130				
Chlorodibromomethane	0.0238	0.0010	mg/Kg wet	0.02000		119		70-130				
Chloroethane	0.0244	0.020	mg/Kg wet	0.02000		122		70-130				
Chloroform	0.0204	0.0040	mg/Kg wet	0.02000		102		70-130				
Chloromethane	0.0186	0.010	mg/Kg wet	0.02000		93.0		70-130				
Cyclohexane	0.0180	0.010	mg/Kg wet	0.02000		90.1		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0221	0.0020	mg/Kg wet	0.02000		111		70-130				
1,2-Dibromoethane (EDB)	0.0218	0.0010	mg/Kg wet	0.02000		109		70-130				
1,2-Dichlorobenzene	0.0184	0.0020	mg/Kg wet	0.02000		91.9		70-130				
1,3-Dichlorobenzene	0.0182	0.0020	mg/Kg wet	0.02000		90.8		70-130				
1,4-Dichlorobenzene	0.0183	0.0020	mg/Kg wet	0.02000		91.6		70-130				
Dichlorodifluoromethane (Freon 12)	0.0228	0.020	mg/Kg wet	0.02000		114		40-160				†
1,1-Dichloroethane	0.0194	0.0020	mg/Kg wet	0.02000		97.0		70-130				
1,2-Dichloroethane	0.0188	0.0020	mg/Kg wet	0.02000		94.1		70-130				
1,1-Dichloroethylene	0.0203	0.0040	mg/Kg wet	0.02000		101		70-130				
cis-1,2-Dichloroethylene	0.0191	0.0020	mg/Kg wet	0.02000		95.3		70-130				
trans-1,2-Dichloroethylene	0.0192	0.0020	mg/Kg wet	0.02000		95.9		70-130				
1,2-Dichloropropane	0.0201	0.0020	mg/Kg wet	0.02000		101		70-130				
cis-1,3-Dichloropropene	0.0207	0.0010	mg/Kg wet	0.02000		103		70-130				
trans-1,3-Dichloropropene	0.0210	0.0010	mg/Kg wet	0.02000		105		70-130				
Ethylbenzene	0.0187	0.0020	mg/Kg wet	0.02000		93.6		70-130				
2-Hexanone (MBK)	0.249	0.020	mg/Kg wet	0.2000		125		70-160				†
Isopropylbenzene (Cumene)	0.0189	0.0020	mg/Kg wet	0.02000		94.4		70-130				
p-Isopropyltoluene (p-Cymene)	0.0178	0.0020	mg/Kg wet	0.02000		89.0		70-130				
Methyl Acetate	0.0244	0.0020	mg/Kg wet	0.02000		122		70-130			V-36	
Methyl tert-Butyl Ether (MTBE)	0.0202	0.0040	mg/Kg wet	0.02000		101		70-130				
Methyl Cyclohexane	0.0202	0.0020	mg/Kg wet	0.02000		101		70-130				
Methylene Chloride	0.0201	0.020	mg/Kg wet	0.02000		101		40-160				†
4-Methyl-2-pentanone (MIBK)	0.250	0.020	mg/Kg wet	0.2000		125		70-160				†
Naphthalene	0.0182	0.0040	mg/Kg wet	0.02000		90.8		40-130				†
n-Propylbenzene	0.0185	0.0020	mg/Kg wet	0.02000		92.3		70-130				
Styrene	0.0190	0.0020	mg/Kg wet	0.02000		95.2		70-130				
1,1,2,2-Tetrachloroethane	0.0209	0.0010	mg/Kg wet	0.02000		105		70-130				
Tetrachloroethylene	0.0200	0.0020	mg/Kg wet	0.02000		99.9		70-130				
Toluene	0.0200	0.0020	mg/Kg wet	0.02000		99.8		70-130				
1,2,3-Trichlorobenzene	0.0175	0.0020	mg/Kg wet	0.02000		87.6		70-130				
1,2,4-Trichlorobenzene	0.0165	0.0020	mg/Kg wet	0.02000		82.4		70-130				
1,1,1-Trichloroethane	0.0204	0.0020	mg/Kg wet	0.02000		102		70-130				
1,1,2-Trichloroethane	0.0213	0.0020	mg/Kg wet	0.02000		106		70-130				
Trichloroethylene	0.0199	0.0020	mg/Kg wet	0.02000		99.6		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B415760 - SW-846 5035											
LCS (B415760-BS1)				Prepared & Analyzed: 10/21/25							
Trichlorofluoromethane (Freon 11)	0.0237	0.010	mg/Kg wet	0.02000		118	70-130				
1,2,3-Trichloropropane	0.0202	0.0020	mg/Kg wet	0.02000		101	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0226	0.010	mg/Kg wet	0.02000		113	70-130				
1,2,4-Trimethylbenzene	0.0174	0.0020	mg/Kg wet	0.02000		87.2	70-130				
1,3,5-Trimethylbenzene	0.0182	0.0020	mg/Kg wet	0.02000		90.9	70-130				
Vinyl Chloride	0.0225	0.010	mg/Kg wet	0.02000		113	40-130			V-34	†
m+p Xylene	0.0372	0.0040	mg/Kg wet	0.04000		92.9	70-130				
o-Xylene	0.0191	0.0020	mg/Kg wet	0.02000		95.4	70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0480*		mg/Kg wet	0.05000		95.9	70-130				
Surrogate: Toluene-d8	*0.0541*		mg/Kg wet	0.05000		108	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0488*		mg/Kg wet	0.05000		97.6	70-130				
LCS Dup (B415760-BSD1)				Prepared & Analyzed: 10/21/25							
Acetone	0.214	0.10	mg/Kg wet	0.2000		107	70-160	10.9	25	V-36	†
Benzene	0.0182	0.0020	mg/Kg wet	0.02000		90.9	70-130	8.53	25		
Bromochloromethane	0.0193	0.0020	mg/Kg wet	0.02000		96.3	70-130	13.5	25		
Bromodichloromethane	0.0215	0.0020	mg/Kg wet	0.02000		107	70-130	3.66	25		
Bromoform	0.0257	0.0020	mg/Kg wet	0.02000		128	70-130	3.22	25	V-20	
Bromomethane	0.0249	0.010	mg/Kg wet	0.02000		124	40-130	6.76	25	V-20, V-34	†
2-Butanone (MEK)	0.221	0.040	mg/Kg wet	0.2000		110	70-160	10.5	25		†
n-Butylbenzene	0.0174	0.0020	mg/Kg wet	0.02000		86.8	70-130	1.49	25		
sec-Butylbenzene	0.0186	0.0020	mg/Kg wet	0.02000		93.1	70-130	2.23	25		
tert-Butylbenzene	0.0174	0.0020	mg/Kg wet	0.02000		86.8	70-160	2.17	25		†
Carbon Disulfide	0.188	0.020	mg/Kg wet	0.2000		94.0	70-130	9.10	25		
Carbon Tetrachloride	0.0187	0.0020	mg/Kg wet	0.02000		93.5	70-130	9.96	25		
Chlorobenzene	0.0191	0.0020	mg/Kg wet	0.02000		95.5	70-130	3.60	25		
Chlorodibromomethane	0.0231	0.0010	mg/Kg wet	0.02000		116	70-130	2.90	25		
Chloroethane	0.0222	0.020	mg/Kg wet	0.02000		111	70-130	9.45	25		
Chloroform	0.0191	0.0040	mg/Kg wet	0.02000		95.4	70-130	6.59	25		
Chloromethane	0.0173	0.010	mg/Kg wet	0.02000		86.5	70-130	7.24	25		
Cyclohexane	0.0164	0.010	mg/Kg wet	0.02000		82.2	70-130	9.17	25		
1,2-Dibromo-3-chloropropane (DBCP)	0.0222	0.0020	mg/Kg wet	0.02000		111	70-130	0.271	25		
1,2-Dibromoethane (EDB)	0.0208	0.0010	mg/Kg wet	0.02000		104	70-130	4.88	25		
1,2-Dichlorobenzene	0.0180	0.0020	mg/Kg wet	0.02000		90.2	70-130	1.87	25		
1,3-Dichlorobenzene	0.0180	0.0020	mg/Kg wet	0.02000		90.1	70-130	0.774	25		
1,4-Dichlorobenzene	0.0178	0.0020	mg/Kg wet	0.02000		89.0	70-130	2.88	25		
Dichlorodifluoromethane (Freon 12)	0.0205	0.020	mg/Kg wet	0.02000		102	40-160	11.0	25		†
1,1-Dichloroethane	0.0174	0.0020	mg/Kg wet	0.02000		86.8	70-130	11.1	25		
1,2-Dichloroethane	0.0187	0.0020	mg/Kg wet	0.02000		93.6	70-130	0.533	25		
1,1-Dichloroethylene	0.0191	0.0040	mg/Kg wet	0.02000		95.6	70-130	5.89	25		
cis-1,2-Dichloroethylene	0.0173	0.0020	mg/Kg wet	0.02000		86.5	70-130	9.68	25		
trans-1,2-Dichloroethylene	0.0173	0.0020	mg/Kg wet	0.02000		86.5	70-130	10.3	25		
1,2-Dichloropropane	0.0187	0.0020	mg/Kg wet	0.02000		93.7	70-130	7.10	25		
cis-1,3-Dichloropropene	0.0198	0.0010	mg/Kg wet	0.02000		99.2	70-130	4.15	25		
trans-1,3-Dichloropropene	0.0208	0.0010	mg/Kg wet	0.02000		104	70-130	0.766	25		
Ethylbenzene	0.0185	0.0020	mg/Kg wet	0.02000		92.7	70-130	0.966	25		
2-Hexanone (MBK)	0.245	0.020	mg/Kg wet	0.2000		123	70-160	1.69	25		†
Isopropylbenzene (Cumene)	0.0182	0.0020	mg/Kg wet	0.02000		90.8	70-130	3.89	25		
p-Isopropyltoluene (p-Cymene)	0.0175	0.0020	mg/Kg wet	0.02000		87.6	70-130	1.59	25		
Methyl Acetate	0.0252	0.0020	mg/Kg wet	0.02000		126	70-130	3.31	25	V-36	
Methyl tert-Butyl Ether (MTBE)	0.0186	0.0040	mg/Kg wet	0.02000		92.8	70-130	8.36	25		
Methyl Cyclohexane	0.0192	0.0020	mg/Kg wet	0.02000		96.2	70-130	4.97	25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B415760 - SW-846 5035											
LCS Dup (B415760-BSD1)				Prepared & Analyzed: 10/21/25							
Methylene Chloride	0.0181	0.020	mg/Kg wet	0.02000		90.6	40-160	10.6	25	J	†
4-Methyl-2-pentanone (MIBK)	0.244	0.020	mg/Kg wet	0.2000		122	70-160	2.71	25		†
Naphthalene	0.0180	0.0040	mg/Kg wet	0.02000		89.9	40-130	0.996	25		†
n-Propylbenzene	0.0176	0.0020	mg/Kg wet	0.02000		88.0	70-130	4.77	25		
Styrene	0.0187	0.0020	mg/Kg wet	0.02000		93.4	70-130	1.91	25		
1,1,2,2-Tetrachloroethane	0.0202	0.0010	mg/Kg wet	0.02000		101	70-130	3.40	25		
Tetrachloroethylene	0.0194	0.0020	mg/Kg wet	0.02000		97.1	70-130	2.84	25		
Toluene	0.0191	0.0020	mg/Kg wet	0.02000		95.4	70-130	4.51	25		
1,2,3-Trichlorobenzene	0.0173	0.0020	mg/Kg wet	0.02000		86.4	70-130	1.38	25		
1,2,4-Trichlorobenzene	0.0160	0.0020	mg/Kg wet	0.02000		80.0	70-130	2.96	25		
1,1,1-Trichloroethane	0.0184	0.0020	mg/Kg wet	0.02000		92.2	70-130	9.90	25		
1,1,2-Trichloroethane	0.0208	0.0020	mg/Kg wet	0.02000		104	70-130	2.19	25		
Trichloroethylene	0.0196	0.0020	mg/Kg wet	0.02000		97.8	70-130	1.82	25		
Trichlorofluoromethane (Freon 11)	0.0211	0.010	mg/Kg wet	0.02000		106	70-130	11.3	25		
1,2,3-Trichloropropane	0.0193	0.0020	mg/Kg wet	0.02000		96.3	70-130	4.57	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0205	0.010	mg/Kg wet	0.02000		103	70-130	9.74	25		
1,2,4-Trimethylbenzene	0.0175	0.0020	mg/Kg wet	0.02000		87.3	70-130	0.115	25		
1,3,5-Trimethylbenzene	0.0173	0.0020	mg/Kg wet	0.02000		86.3	70-130	5.19	25		
Vinyl Chloride	0.0204	0.010	mg/Kg wet	0.02000		102	40-130	9.98	25	V-34	†
m+p Xylene	0.0371	0.0040	mg/Kg wet	0.04000		92.8	70-130	0.0538	25		
o-Xylene	0.0186	0.0020	mg/Kg wet	0.02000		92.9	70-130	2.66	25		
Surrogate: 1,2-Dichloroethane-d4	*0.0440*		mg/Kg wet	0.05000		88.0	70-130				
Surrogate: Toluene-d8	*0.0534*		mg/Kg wet	0.05000		107	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0471*		mg/Kg wet	0.05000		94.2	70-130				
Batch B415765 - SW-846 5035											
Blank (B415765-BLK1)				Prepared: 10/21/25 Analyzed: 10/22/25							
Acetone	ND	2.5	mg/Kg wet							V-05	
Benzene	ND	0.050	mg/Kg wet								
Bromochloromethane	ND	0.050	mg/Kg wet								
Bromodichloromethane	ND	0.050	mg/Kg wet								
Bromoform	ND	0.050	mg/Kg wet								
Bromomethane	ND	0.10	mg/Kg wet							V-05	
2-Butanone (MEK)	ND	1.0	mg/Kg wet								
n-Butylbenzene	ND	0.050	mg/Kg wet								
sec-Butylbenzene	ND	0.050	mg/Kg wet								
tert-Butylbenzene	ND	0.050	mg/Kg wet								
Carbon Disulfide	ND	0.25	mg/Kg wet								
Carbon Tetrachloride	ND	0.050	mg/Kg wet								
Chlorobenzene	ND	0.050	mg/Kg wet								
Chlorodibromomethane	ND	0.025	mg/Kg wet								
Chloroethane	ND	0.10	mg/Kg wet								
Chloroform	ND	0.10	mg/Kg wet								
Chloromethane	ND	0.10	mg/Kg wet								
Cyclohexane	ND	0.10	mg/Kg wet								
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.25	mg/Kg wet							V-05	
1,2-Dibromoethane (EDB)	ND	0.025	mg/Kg wet								
1,2-Dichlorobenzene	ND	0.050	mg/Kg wet								
1,3-Dichlorobenzene	ND	0.050	mg/Kg wet								
1,4-Dichlorobenzene	ND	0.050	mg/Kg wet								
Dichlorodifluoromethane (Freon 12)	ND	0.10	mg/Kg wet								

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B415765 - SW-846 5035											
Blank (B415765-BLK1)				Prepared: 10/21/25 Analyzed: 10/22/25							
1,1-Dichloroethane	ND	0.050	mg/Kg wet								
1,2-Dichloroethane	ND	0.050	mg/Kg wet							R-05	
1,1-Dichloroethylene	ND	0.050	mg/Kg wet								
cis-1,2-Dichloroethylene	ND	0.050	mg/Kg wet								
trans-1,2-Dichloroethylene	ND	0.050	mg/Kg wet								
1,2-Dichloropropane	ND	0.050	mg/Kg wet								
cis-1,3-Dichloropropene	ND	0.025	mg/Kg wet								
trans-1,3-Dichloropropene	ND	0.025	mg/Kg wet								
Ethylbenzene	ND	0.050	mg/Kg wet								
2-Hexanone (MBK)	ND	0.50	mg/Kg wet								
Isopropylbenzene (Cumene)	ND	0.050	mg/Kg wet								
p-Isopropyltoluene (p-Cymene)	ND	0.050	mg/Kg wet								
Methyl Acetate	ND	0.50	mg/Kg wet							R-05	
Methyl tert-Butyl Ether (MTBE)	ND	0.050	mg/Kg wet								
Methyl Cyclohexane	ND	0.050	mg/Kg wet								
Methylene Chloride	ND	0.25	mg/Kg wet								
4-Methyl-2-pentanone (MIBK)	ND	0.50	mg/Kg wet								
Naphthalene	ND	0.10	mg/Kg wet								
n-Propylbenzene	ND	0.050	mg/Kg wet								
Styrene	ND	0.050	mg/Kg wet								
1,1,2,2-Tetrachloroethane	ND	0.025	mg/Kg wet								
Tetrachloroethylene	ND	0.050	mg/Kg wet								
Toluene	ND	0.050	mg/Kg wet								
1,2,3-Trichlorobenzene	ND	0.25	mg/Kg wet								
1,2,4-Trichlorobenzene	ND	0.050	mg/Kg wet								
1,1,1-Trichloroethane	ND	0.050	mg/Kg wet								
1,1,2-Trichloroethane	ND	0.050	mg/Kg wet								
Trichloroethylene	ND	0.050	mg/Kg wet								
Trichlorofluoromethane (Freon 11)	ND	0.10	mg/Kg wet								
1,2,3-Trichloropropane	ND	0.10	mg/Kg wet								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.050	mg/Kg wet								
1,2,4-Trimethylbenzene	ND	0.050	mg/Kg wet								
1,3,5-Trimethylbenzene	ND	0.050	mg/Kg wet								
Vinyl Chloride	ND	0.10	mg/Kg wet								
m+p Xylene	ND	0.10	mg/Kg wet								
o-Xylene	ND	0.050	mg/Kg wet								
Xylenes (total)	ND	0.050	mg/Kg wet								
Surrogate: 1,2-Dichloroethane-d4	*0.0263*		mg/Kg wet	0.02500		105	70-130				
Surrogate: Toluene-d8	*0.0249*		mg/Kg wet	0.02500		99.6	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0231*		mg/Kg wet	0.02500		92.6	70-130				
LCS (B415765-BS1)				Prepared: 10/21/25 Analyzed: 10/22/25							
Acetone	4.10	2.5	mg/Kg wet	5.000		82.0	70-160			V-05	†
Benzene	0.609	0.050	mg/Kg wet	0.5000		122	70-130				
Bromochloromethane	0.586	0.050	mg/Kg wet	0.5000		117	70-130				
Bromodichloromethane	0.586	0.050	mg/Kg wet	0.5000		117	70-130				
Bromoform	0.485	0.050	mg/Kg wet	0.5000		97.0	70-130				
Bromomethane	0.362	0.10	mg/Kg wet	0.5000		72.3	40-130			V-05	†
2-Butanone (MEK)	6.08	1.0	mg/Kg wet	5.000		122	70-160				†
n-Butylbenzene	0.562	0.050	mg/Kg wet	0.5000		112	70-130				
sec-Butylbenzene	0.537	0.050	mg/Kg wet	0.5000		107	70-130				
tert-Butylbenzene	0.522	0.050	mg/Kg wet	0.5000		104	70-160				†

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B415765 - SW-846 5035												
LCS (B415765-BS1)				Prepared: 10/21/25 Analyzed: 10/22/25								
Carbon Disulfide	5.04	0.25	mg/Kg wet	5.000		101		70-130				
Carbon Tetrachloride	0.566	0.050	mg/Kg wet	0.5000		113		70-130				
Chlorobenzene	0.582	0.050	mg/Kg wet	0.5000		116		70-130				
Chlorodibromomethane	0.524	0.025	mg/Kg wet	0.5000		105		70-130				
Chloroethane	0.564	0.10	mg/Kg wet	0.5000		113		70-130				
Chloroform	0.546	0.10	mg/Kg wet	0.5000		109		70-130				
Chloromethane	0.762	0.10	mg/Kg wet	0.5000		**152**	*	70-130			L-02, V-20	
Cyclohexane	0.596	0.10	mg/Kg wet	0.5000		119		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.506	0.25	mg/Kg wet	0.5000		101		70-130			V-05	
1,2-Dibromoethane (EDB)	0.561	0.025	mg/Kg wet	0.5000		112		70-130				
1,2-Dichlorobenzene	0.549	0.050	mg/Kg wet	0.5000		110		70-130				
1,3-Dichlorobenzene	0.551	0.050	mg/Kg wet	0.5000		110		70-130				
1,4-Dichlorobenzene	0.543	0.050	mg/Kg wet	0.5000		109		70-130				
Dichlorodifluoromethane (Freon 12)	0.676	0.10	mg/Kg wet	0.5000		135		40-160				†
1,1-Dichloroethane	0.543	0.050	mg/Kg wet	0.5000		109		70-130				
1,2-Dichloroethane	0.540	0.050	mg/Kg wet	0.5000		108		70-130			R-05	
1,1-Dichloroethylene	0.490	0.050	mg/Kg wet	0.5000		97.9		70-130				
cis-1,2-Dichloroethylene	0.546	0.050	mg/Kg wet	0.5000		109		70-130				
trans-1,2-Dichloroethylene	0.492	0.050	mg/Kg wet	0.5000		98.3		70-130				
1,2-Dichloropropane	0.619	0.050	mg/Kg wet	0.5000		124		70-130				
cis-1,3-Dichloropropene	0.584	0.025	mg/Kg wet	0.5000		117		70-130				
trans-1,3-Dichloropropene	0.610	0.025	mg/Kg wet	0.5000		122		70-130				
Ethylbenzene	0.566	0.050	mg/Kg wet	0.5000		113		70-130				
2-Hexanone (MBK)	5.93	0.50	mg/Kg wet	5.000		119		70-160				†
Isopropylbenzene (Cumene)	0.560	0.050	mg/Kg wet	0.5000		112		70-130				
p-Isopropyltoluene (p-Cymene)	0.524	0.050	mg/Kg wet	0.5000		105		70-130				
Methyl Acetate	0.366	0.50	mg/Kg wet	0.5000		73.1		70-130			R-05, J	
Methyl tert-Butyl Ether (MTBE)	0.524	0.050	mg/Kg wet	0.5000		105		70-130				
Methyl Cyclohexane	0.676	0.050	mg/Kg wet	0.5000		**135**	*	70-130			L-07	
Methylene Chloride	0.510	0.25	mg/Kg wet	0.5000		102		40-160				†
4-Methyl-2-pentanone (MIBK)	5.27	0.50	mg/Kg wet	5.000		105		70-160				†
Naphthalene	0.554	0.10	mg/Kg wet	0.5000		111		40-130				†
n-Propylbenzene	0.565	0.050	mg/Kg wet	0.5000		113		70-130				
Styrene	0.550	0.050	mg/Kg wet	0.5000		110		70-130				
1,1,2,2-Tetrachloroethane	0.532	0.025	mg/Kg wet	0.5000		106		70-130				
Tetrachloroethylene	0.614	0.050	mg/Kg wet	0.5000		123		70-130				
Toluene	0.586	0.050	mg/Kg wet	0.5000		117		70-130				
1,2,3-Trichlorobenzene	0.591	0.25	mg/Kg wet	0.5000		118		70-130				
1,2,4-Trichlorobenzene	0.602	0.050	mg/Kg wet	0.5000		120		70-130				
1,1,1-Trichloroethane	0.580	0.050	mg/Kg wet	0.5000		116		70-130				
1,1,2-Trichloroethane	0.574	0.050	mg/Kg wet	0.5000		115		70-130				
Trichloroethylene	0.586	0.050	mg/Kg wet	0.5000		117		70-130				
Trichlorofluoromethane (Freon 11)	0.584	0.10	mg/Kg wet	0.5000		117		70-130				
1,2,3-Trichloropropane	0.470	0.10	mg/Kg wet	0.5000		94.1		70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.516	0.050	mg/Kg wet	0.5000		103		70-130				
1,2,4-Trimethylbenzene	0.532	0.050	mg/Kg wet	0.5000		106		70-130				
1,3,5-Trimethylbenzene	0.550	0.050	mg/Kg wet	0.5000		110		70-130				
Vinyl Chloride	0.602	0.10	mg/Kg wet	0.5000		120		40-130				†
m+p Xylene	1.11	0.10	mg/Kg wet	1.000		111		70-130				
o-Xylene	0.558	0.050	mg/Kg wet	0.5000		112		70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0251*		mg/Kg wet	0.02500		100		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD		RPD Limit	Notes	
Batch B415765 - SW-846 5035													
LCS (B415765-BS1)				Prepared: 10/21/25 Analyzed: 10/22/25									
Surrogate: Toluene-d8	*0.0260*		mg/Kg wet	0.02500		104		70-130					
Surrogate: 4-Bromofluorobenzene	*0.0246*		mg/Kg wet	0.02500		98.2		70-130					
LCS Dup (B415765-BSD1)				Prepared: 10/21/25 Analyzed: 10/22/25									
Acetone	4.60	2.5	mg/Kg wet	5.000		91.9		70-160	11.4		25	V-05	†
Benzene	0.524	0.050	mg/Kg wet	0.5000		105		70-130	15.1		25		
Bromochloromethane	0.592	0.050	mg/Kg wet	0.5000		118		70-130	1.02		25		
Bromodichloromethane	0.550	0.050	mg/Kg wet	0.5000		110		70-130	6.43		25		
Bromoform	0.480	0.050	mg/Kg wet	0.5000		95.9		70-130	1.14		25		
Bromomethane	0.434	0.10	mg/Kg wet	0.5000		86.8		40-130	18.2		25	V-05	†
2-Butanone (MEK)	6.90	1.0	mg/Kg wet	5.000		138		70-160	12.6		25		†
n-Butylbenzene	0.534	0.050	mg/Kg wet	0.5000		107		70-130	5.20		25		
sec-Butylbenzene	0.517	0.050	mg/Kg wet	0.5000		103		70-130	3.80		25		
tert-Butylbenzene	0.529	0.050	mg/Kg wet	0.5000		106		70-160	1.24		25		†
Carbon Disulfide	5.54	0.25	mg/Kg wet	5.000		111		70-130	9.31		25		
Carbon Tetrachloride	0.554	0.050	mg/Kg wet	0.5000		111		70-130	2.14		25		
Chlorobenzene	0.549	0.050	mg/Kg wet	0.5000		110		70-130	5.84		25		
Chlorodibromomethane	0.499	0.025	mg/Kg wet	0.5000		99.8		70-130	4.98		25		
Chloroethane	0.614	0.10	mg/Kg wet	0.5000		123		70-130	8.49		25		
Chloroform	0.583	0.10	mg/Kg wet	0.5000		117		70-130	6.55		25		
Chloromethane	0.919	0.10	mg/Kg wet	0.5000		**184**	*	70-130	18.6		25	L-02, V-20	
Cyclohexane	0.552	0.10	mg/Kg wet	0.5000		110		70-130	7.58		25		
1,2-Dibromo-3-chloropropane (DBCP)	0.476	0.25	mg/Kg wet	0.5000		95.2		70-130	6.11		25	V-05	
1,2-Dibromoethane (EDB)	0.550	0.025	mg/Kg wet	0.5000		110		70-130	1.98		25		
1,2-Dichlorobenzene	0.556	0.050	mg/Kg wet	0.5000		111		70-130	1.27		25		
1,3-Dichlorobenzene	0.562	0.050	mg/Kg wet	0.5000		112		70-130	1.89		25		
1,4-Dichlorobenzene	0.554	0.050	mg/Kg wet	0.5000		111		70-130	2.10		25		
Dichlorodifluoromethane (Freon 12)	0.781	0.10	mg/Kg wet	0.5000		156		40-160	14.3		25		†
1,1-Dichloroethane	0.616	0.050	mg/Kg wet	0.5000		123		70-130	12.6		25		
1,2-Dichloroethane	0.412	0.050	mg/Kg wet	0.5000		82.5		70-130	**26.8**	*	25	R-05	
1,1-Dichloroethylene	0.530	0.050	mg/Kg wet	0.5000		106		70-130	7.85		25		
cis-1,2-Dichloroethylene	0.592	0.050	mg/Kg wet	0.5000		118		70-130	7.91		25		
trans-1,2-Dichloroethylene	0.556	0.050	mg/Kg wet	0.5000		111		70-130	12.4		25		
1,2-Dichloropropane	0.583	0.050	mg/Kg wet	0.5000		117		70-130	5.99		25		
cis-1,3-Dichloropropene	0.547	0.025	mg/Kg wet	0.5000		109		70-130	6.63		25		
trans-1,3-Dichloropropene	0.556	0.025	mg/Kg wet	0.5000		111		70-130	9.17		25		
Ethylbenzene	0.546	0.050	mg/Kg wet	0.5000		109		70-130	3.42		25		
2-Hexanone (MBK)	5.60	0.50	mg/Kg wet	5.000		112		70-160	5.75		25		†
Isopropylbenzene (Cumene)	0.524	0.050	mg/Kg wet	0.5000		105		70-130	6.55		25		
p-Isopropyltoluene (p-Cymene)	0.528	0.050	mg/Kg wet	0.5000		106		70-130	0.666		25		
Methyl Acetate	0.474	0.50	mg/Kg wet	0.5000		94.7		70-130	**25.7**	*	25	R-05, J	
Methyl tert-Butyl Ether (MTBE)	0.556	0.050	mg/Kg wet	0.5000		111		70-130	5.93		25		
Methyl Cyclohexane	0.629	0.050	mg/Kg wet	0.5000		126		70-130	7.13		25		
Methylene Chloride	0.557	0.25	mg/Kg wet	0.5000		111		40-160	8.81		25		†
4-Methyl-2-pentanone (MIBK)	5.44	0.50	mg/Kg wet	5.000		109		70-160	3.09		25		†
Naphthalene	0.542	0.10	mg/Kg wet	0.5000		108		40-130	2.10		25		†
n-Propylbenzene	0.538	0.050	mg/Kg wet	0.5000		108		70-130	4.80		25		
Styrene	0.536	0.050	mg/Kg wet	0.5000		107		70-130	2.67		25		
1,1,2,2-Tetrachloroethane	0.515	0.025	mg/Kg wet	0.5000		103		70-130	3.25		25		
Tetrachloroethylene	0.589	0.050	mg/Kg wet	0.5000		118		70-130	4.07		25		
Toluene	0.549	0.050	mg/Kg wet	0.5000		110		70-130	6.61		25		
1,2,3-Trichlorobenzene	0.615	0.25	mg/Kg wet	0.5000		123		70-130	3.98		25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B415765 - SW-846 5035												
LCS Dup (B415765-BSD1)				Prepared: 10/21/25 Analyzed: 10/22/25								
1,2,4-Trichlorobenzene	0.562	0.050	mg/Kg wet	0.5000		112		70-130	6.87	25		
1,1,1-Trichloroethane	0.562	0.050	mg/Kg wet	0.5000		112		70-130	3.06	25		
1,1,2-Trichloroethane	0.552	0.050	mg/Kg wet	0.5000		110		70-130	3.82	25		
Trichloroethylene	0.570	0.050	mg/Kg wet	0.5000		114		70-130	2.85	25		
Trichlorofluoromethane (Freon 11)	0.654	0.10	mg/Kg wet	0.5000		**131**	*	70-130	11.4	25	L-07	
1,2,3-Trichloropropane	0.504	0.10	mg/Kg wet	0.5000		101		70-130	6.97	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.571	0.050	mg/Kg wet	0.5000		114		70-130	10.2	25		
1,2,4-Trimethylbenzene	0.520	0.050	mg/Kg wet	0.5000		104		70-130	2.38	25		
1,3,5-Trimethylbenzene	0.528	0.050	mg/Kg wet	0.5000		106		70-130	4.17	25		
Vinyl Chloride	0.684	0.10	mg/Kg wet	0.5000		**137**	*	40-130	12.8	25	L-07	†
m+p Xylene	1.05	0.10	mg/Kg wet	1.000		105		70-130	5.76	25		
o-Xylene	0.518	0.050	mg/Kg wet	0.5000		104		70-130	7.34	25		
Surrogate: 1,2-Dichloroethane-d4	*0.0249*		mg/Kg wet	0.02500		99.7		70-130				
Surrogate: Toluene-d8	*0.0256*		mg/Kg wet	0.02500		102		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0248*		mg/Kg wet	0.02500		99.0		70-130				
Batch B415947 - SW-846 5035												
Blank (B415947-BLK1)				Prepared & Analyzed: 10/23/25								
Acetone	ND	0.10	mg/Kg wet									
Benzene	ND	0.0020	mg/Kg wet									
Bromochloromethane	ND	0.0020	mg/Kg wet									
Bromodichloromethane	ND	0.0020	mg/Kg wet									
Bromoform	ND	0.0020	mg/Kg wet									
Bromomethane	ND	0.010	mg/Kg wet								V-34	
2-Butanone (MEK)	ND	0.040	mg/Kg wet									
n-Butylbenzene	ND	0.0020	mg/Kg wet									
sec-Butylbenzene	ND	0.0020	mg/Kg wet									
tert-Butylbenzene	ND	0.0020	mg/Kg wet									
Carbon Disulfide	ND	0.020	mg/Kg wet									
Carbon Tetrachloride	ND	0.0020	mg/Kg wet									
Chlorobenzene	ND	0.0020	mg/Kg wet									
Chlorodibromomethane	ND	0.0010	mg/Kg wet									
Chloroethane	ND	0.020	mg/Kg wet									
Chloroform	ND	0.0040	mg/Kg wet									
Chloromethane	ND	0.010	mg/Kg wet									
Cyclohexane	ND	0.010	mg/Kg wet									
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet									
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet									
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet									
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet									
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet									
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet									
1,1-Dichloroethane	ND	0.0020	mg/Kg wet									
1,2-Dichloroethane	ND	0.0020	mg/Kg wet									
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet									
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet									
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet									
1,2-Dichloropropane	ND	0.0020	mg/Kg wet									
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet									
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet									
Ethylbenzene	ND	0.0020	mg/Kg wet									

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B415947 - SW-846 5035												
Blank (B415947-BLK1)				Prepared & Analyzed: 10/23/25								
2-Hexanone (MBK)	ND	0.020	mg/Kg wet									
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg wet									
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet									
Methyl Acetate	ND	0.0020	mg/Kg wet									
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet									
Methyl Cyclohexane	ND	0.0020	mg/Kg wet									
Methylene Chloride	ND	0.020	mg/Kg wet									
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet									
Naphthalene	ND	0.0040	mg/Kg wet									
n-Propylbenzene	ND	0.0020	mg/Kg wet									
Styrene	ND	0.0020	mg/Kg wet									
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet									
Tetrachloroethylene	ND	0.0020	mg/Kg wet									
Toluene	ND	0.0020	mg/Kg wet									
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet									
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet								V-05	
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet									
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet									
Trichloroethylene	ND	0.0020	mg/Kg wet									
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet									
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet									
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet									
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet									
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet									
Vinyl Chloride	ND	0.010	mg/Kg wet								V-34	
m+p Xylene	ND	0.0040	mg/Kg wet									
o-Xylene	ND	0.0020	mg/Kg wet									
Xylenes (total)	ND	0.0020	mg/Kg wet									
Surrogate: 1,2-Dichloroethane-d4	*0.0505*		mg/Kg wet	0.05000		101		70-130				
Surrogate: Toluene-d8	*0.0516*		mg/Kg wet	0.05000		103		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0448*		mg/Kg wet	0.05000		89.7		70-130				
LCS (B415947-BS1)				Prepared & Analyzed: 10/23/25								
Acetone	0.212	0.10	mg/Kg wet	0.2000		106		70-160			V-36	†
Benzene	0.0190	0.0020	mg/Kg wet	0.02000		95.2		70-130				
Bromochloromethane	0.0213	0.0020	mg/Kg wet	0.02000		107		70-130				
Bromodichloromethane	0.0212	0.0020	mg/Kg wet	0.02000		106		70-130				
Bromoform	0.0275	0.0020	mg/Kg wet	0.02000		**138**	*	70-130			L-02, V-20	
Bromomethane	0.0263	0.010	mg/Kg wet	0.02000		**132**	*	40-130			L-07, V-20, V-34	†
2-Butanone (MEK)	0.241	0.040	mg/Kg wet	0.2000		121		70-160				†
n-Butylbenzene	0.0165	0.0020	mg/Kg wet	0.02000		82.6		70-130				
sec-Butylbenzene	0.0184	0.0020	mg/Kg wet	0.02000		91.8		70-130				
tert-Butylbenzene	0.0181	0.0020	mg/Kg wet	0.02000		90.7		70-160				†
Carbon Disulfide	0.195	0.020	mg/Kg wet	0.2000		97.3		70-130				
Carbon Tetrachloride	0.0194	0.0020	mg/Kg wet	0.02000		97.0		70-130				
Chlorobenzene	0.0204	0.0020	mg/Kg wet	0.02000		102		70-130				
Chlorodibromomethane	0.0261	0.0010	mg/Kg wet	0.02000		130		70-130				
Chloroethane	0.0236	0.020	mg/Kg wet	0.02000		118		70-130				
Chloroform	0.0195	0.0040	mg/Kg wet	0.02000		97.5		70-130				
Chloromethane	0.0190	0.010	mg/Kg wet	0.02000		95.1		70-130				
Cyclohexane	0.0174	0.010	mg/Kg wet	0.02000		86.9		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0225	0.0020	mg/Kg wet	0.02000		112		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B415947 - SW-846 5035											
LCS (B415947-BS1)				Prepared & Analyzed: 10/23/25							
1,2-Dibromoethane (EDB)	0.0231	0.0010	mg/Kg wet	0.02000		116	70-130				
1,2-Dichlorobenzene	0.0175	0.0020	mg/Kg wet	0.02000		87.3	70-130				
1,3-Dichlorobenzene	0.0184	0.0020	mg/Kg wet	0.02000		92.0	70-130				
1,4-Dichlorobenzene	0.0175	0.0020	mg/Kg wet	0.02000		87.6	70-130				
Dichlorodifluoromethane (Freon 12)	0.0202	0.020	mg/Kg wet	0.02000		101	40-160				†
1,1-Dichloroethane	0.0192	0.0020	mg/Kg wet	0.02000		96.2	70-130				
1,2-Dichloroethane	0.0179	0.0020	mg/Kg wet	0.02000		89.6	70-130				
1,1-Dichloroethylene	0.0192	0.0040	mg/Kg wet	0.02000		96.2	70-130				
cis-1,2-Dichloroethylene	0.0182	0.0020	mg/Kg wet	0.02000		91.2	70-130				
trans-1,2-Dichloroethylene	0.0185	0.0020	mg/Kg wet	0.02000		92.3	70-130				
1,2-Dichloropropane	0.0183	0.0020	mg/Kg wet	0.02000		91.7	70-130				
cis-1,3-Dichloropropene	0.0197	0.0010	mg/Kg wet	0.02000		98.4	70-130				
trans-1,3-Dichloropropene	0.0207	0.0010	mg/Kg wet	0.02000		104	70-130				
Ethylbenzene	0.0182	0.0020	mg/Kg wet	0.02000		91.2	70-130				
2-Hexanone (MBK)	0.254	0.020	mg/Kg wet	0.2000		127	70-160				†
Isopropylbenzene (Cumene)	0.0201	0.0020	mg/Kg wet	0.02000		101	70-130				
p-Isopropyltoluene (p-Cymene)	0.0172	0.0020	mg/Kg wet	0.02000		86.1	70-130				
Methyl Acetate	0.0259	0.0020	mg/Kg wet	0.02000		129	70-130			V-20, V-36	
Methyl tert-Butyl Ether (MTBE)	0.0198	0.0040	mg/Kg wet	0.02000		98.9	70-130				
Methyl Cyclohexane	0.0188	0.0020	mg/Kg wet	0.02000		93.9	70-130				
Methylene Chloride	0.0198	0.020	mg/Kg wet	0.02000		99.0	40-160			J	†
4-Methyl-2-pentanone (MIBK)	0.255	0.020	mg/Kg wet	0.2000		128	70-160				†
Naphthalene	0.0170	0.0040	mg/Kg wet	0.02000		85.2	40-130				†
n-Propylbenzene	0.0183	0.0020	mg/Kg wet	0.02000		91.3	70-130				
Styrene	0.0192	0.0020	mg/Kg wet	0.02000		96.1	70-130				
1,1,2,2-Tetrachloroethane	0.0229	0.0010	mg/Kg wet	0.02000		114	70-130				
Tetrachloroethylene	0.0214	0.0020	mg/Kg wet	0.02000		107	70-130				
Toluene	0.0190	0.0020	mg/Kg wet	0.02000		95.1	70-130				
1,2,3-Trichlorobenzene	0.0168	0.0020	mg/Kg wet	0.02000		83.9	70-130				
1,2,4-Trichlorobenzene	0.0153	0.0020	mg/Kg wet	0.02000		76.4	70-130			V-05	
1,1,1-Trichloroethane	0.0194	0.0020	mg/Kg wet	0.02000		96.8	70-130				
1,1,2-Trichloroethane	0.0217	0.0020	mg/Kg wet	0.02000		108	70-130				
Trichloroethylene	0.0182	0.0020	mg/Kg wet	0.02000		90.8	70-130				
Trichlorofluoromethane (Freon 11)	0.0229	0.010	mg/Kg wet	0.02000		115	70-130				
1,2,3-Trichloropropane	0.0212	0.0020	mg/Kg wet	0.02000		106	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0209	0.010	mg/Kg wet	0.02000		105	70-130				
1,2,4-Trimethylbenzene	0.0170	0.0020	mg/Kg wet	0.02000		85.2	70-130				
1,3,5-Trimethylbenzene	0.0174	0.0020	mg/Kg wet	0.02000		87.0	70-130				
Vinyl Chloride	0.0221	0.010	mg/Kg wet	0.02000		110	40-130			V-34	†
m+p Xylene	0.0357	0.0040	mg/Kg wet	0.04000		89.2	70-130				
o-Xylene	0.0180	0.0020	mg/Kg wet	0.02000		90.2	70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0478*		mg/Kg wet	0.05000		95.5	70-130				
Surrogate: Toluene-d8	*0.0545*		mg/Kg wet	0.05000		109	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0524*		mg/Kg wet	0.05000		105	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B415947 - SW-846 5035												
LCS Dup (B415947-BSD1)				Prepared & Analyzed: 10/23/25								
Acetone	0.187	0.10	mg/Kg wet	0.2000		93.5		70-160	12.7	25	V-36	†
Benzene	0.0172	0.0020	mg/Kg wet	0.02000		86.0		70-130	10.2	25		
Bromochloromethane	0.0185	0.0020	mg/Kg wet	0.02000		92.7		70-130	14.0	25		
Bromodichloromethane	0.0207	0.0020	mg/Kg wet	0.02000		104		70-130	2.29	25		
Bromoform	0.0268	0.0020	mg/Kg wet	0.02000		**134**	*	70-130	2.80	25	L-02, V-20	
Bromomethane	0.0235	0.010	mg/Kg wet	0.02000		118		40-130	11.2	25	V-20, V-34	†
2-Butanone (MEK)	0.205	0.040	mg/Kg wet	0.2000		102		70-160	16.2	25		†
n-Butylbenzene	0.0150	0.0020	mg/Kg wet	0.02000		74.9		70-130	9.78	25		
sec-Butylbenzene	0.0169	0.0020	mg/Kg wet	0.02000		84.7		70-130	8.05	25		
tert-Butylbenzene	0.0166	0.0020	mg/Kg wet	0.02000		82.8		70-160	9.11	25		†
Carbon Disulfide	0.162	0.020	mg/Kg wet	0.2000		81.0		70-130	18.3	25		
Carbon Tetrachloride	0.0175	0.0020	mg/Kg wet	0.02000		87.4		70-130	10.4	25		
Chlorobenzene	0.0179	0.0020	mg/Kg wet	0.02000		89.6		70-130	12.7	25		
Chlorodibromomethane	0.0226	0.0010	mg/Kg wet	0.02000		113		70-130	14.1	25		
Chloroethane	0.0195	0.020	mg/Kg wet	0.02000		97.3		70-130	19.2	25	J	
Chloroform	0.0173	0.0040	mg/Kg wet	0.02000		86.5		70-130	12.0	25		
Chloromethane	0.0159	0.010	mg/Kg wet	0.02000		79.6		70-130	17.7	25		
Cyclohexane	0.0152	0.010	mg/Kg wet	0.02000		75.8		70-130	13.6	25		
1,2-Dibromo-3-chloropropane (DBCP)	0.0206	0.0020	mg/Kg wet	0.02000		103		70-130	8.45	25		
1,2-Dibromoethane (EDB)	0.0199	0.0010	mg/Kg wet	0.02000		99.3		70-130	15.2	25		
1,2-Dichlorobenzene	0.0175	0.0020	mg/Kg wet	0.02000		87.7		70-130	0.457	25		
1,3-Dichlorobenzene	0.0171	0.0020	mg/Kg wet	0.02000		85.5		70-130	7.32	25		
1,4-Dichlorobenzene	0.0172	0.0020	mg/Kg wet	0.02000		85.8		70-130	2.08	25		
Dichlorodifluoromethane (Freon 12)	0.0174	0.020	mg/Kg wet	0.02000		87.0		40-160	14.8	25	J	†
1,1-Dichloroethane	0.0156	0.0020	mg/Kg wet	0.02000		78.1		70-130	20.8	25		
1,2-Dichloroethane	0.0176	0.0020	mg/Kg wet	0.02000		88.1		70-130	1.69	25		
1,1-Dichloroethylene	0.0162	0.0040	mg/Kg wet	0.02000		80.8		70-130	17.4	25		
cis-1,2-Dichloroethylene	0.0153	0.0020	mg/Kg wet	0.02000		76.7		70-130	17.3	25		
trans-1,2-Dichloroethylene	0.0153	0.0020	mg/Kg wet	0.02000		76.4		70-130	18.9	25		
1,2-Dichloropropane	0.0184	0.0020	mg/Kg wet	0.02000		92.0		70-130	0.327	25		
cis-1,3-Dichloropropene	0.0187	0.0010	mg/Kg wet	0.02000		93.6		70-130	5.00	25		
trans-1,3-Dichloropropene	0.0203	0.0010	mg/Kg wet	0.02000		101		70-130	2.05	25		
Ethylbenzene	0.0174	0.0020	mg/Kg wet	0.02000		86.9		70-130	4.83	25		
2-Hexanone (MBK)	0.253	0.020	mg/Kg wet	0.2000		127		70-160	0.300	25		†
Isopropylbenzene (Cumene)	0.0191	0.0020	mg/Kg wet	0.02000		95.5		70-130	5.30	25		
p-Isopropyltoluene (p-Cymene)	0.0156	0.0020	mg/Kg wet	0.02000		78.2		70-130	9.62	25		
Methyl Acetate	0.0227	0.0020	mg/Kg wet	0.02000		114		70-130	12.9	25	V-20, V-36	
Methyl tert-Butyl Ether (MTBE)	0.0170	0.0040	mg/Kg wet	0.02000		84.8		70-130	15.4	25		
Methyl Cyclohexane	0.0174	0.0020	mg/Kg wet	0.02000		86.8		70-130	7.86	25		
Methylene Chloride	0.0169	0.020	mg/Kg wet	0.02000		84.3		40-160	16.0	25	J	†
4-Methyl-2-pentanone (MIBK)	0.230	0.020	mg/Kg wet	0.2000		115		70-160	10.2	25		†
Naphthalene	0.0184	0.0040	mg/Kg wet	0.02000		91.9		40-130	7.57	25		†
n-Propylbenzene	0.0174	0.0020	mg/Kg wet	0.02000		86.8		70-130	5.05	25		
Styrene	0.0183	0.0020	mg/Kg wet	0.02000		91.3		70-130	5.12	25		
1,1,2,2-Tetrachloroethane	0.0219	0.0010	mg/Kg wet	0.02000		110		70-130	4.11	25		
Tetrachloroethylene	0.0212	0.0020	mg/Kg wet	0.02000		106		70-130	0.751	25		
Toluene	0.0173	0.0020	mg/Kg wet	0.02000		86.3		70-130	9.70	25		
1,2,3-Trichlorobenzene	0.0178	0.0020	mg/Kg wet	0.02000		89.0		70-130	5.90	25		
1,2,4-Trichlorobenzene	0.0159	0.0020	mg/Kg wet	0.02000		79.3		70-130	3.73	25	V-05	
1,1,1-Trichloroethane	0.0169	0.0020	mg/Kg wet	0.02000		84.6		70-130	13.5	25		
1,1,2-Trichloroethane	0.0186	0.0020	mg/Kg wet	0.02000		93.0		70-130	15.2	25		
Trichloroethylene	0.0166	0.0020	mg/Kg wet	0.02000		83.0		70-130	8.98	25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B415947 - SW-846 5035											
LCS Dup (B415947-BSD1)				Prepared & Analyzed: 10/23/25							
Trichlorofluoromethane (Freon 11)	0.0183	0.010	mg/Kg wet	0.02000		91.3	70-130	22.6	25		
1,2,3-Trichloropropane	0.0206	0.0020	mg/Kg wet	0.02000		103	70-130	2.58	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0168	0.010	mg/Kg wet	0.02000		84.1	70-130	21.7	25		
1,2,4-Trimethylbenzene	0.0162	0.0020	mg/Kg wet	0.02000		80.9	70-130	5.18	25		
1,3,5-Trimethylbenzene	0.0172	0.0020	mg/Kg wet	0.02000		86.2	70-130	0.924	25		
Vinyl Chloride	0.0177	0.010	mg/Kg wet	0.02000		88.4	40-130	22.1	25	V-34	†
m+p Xylene	0.0346	0.0040	mg/Kg wet	0.04000		86.5	70-130	3.13	25		
o-Xylene	0.0176	0.0020	mg/Kg wet	0.02000		87.9	70-130	2.58	25		
Surrogate: 1,2-Dichloroethane-d4	*0.0437*		mg/Kg wet	0.05000		87.4	70-130				
Surrogate: Toluene-d8	*0.0493*		mg/Kg wet	0.05000		98.5	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0531*		mg/Kg wet	0.05000		106	70-130				

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B415896 - SW-846 3546										
Blank (B415896-BLK1)				Prepared: 10/22/25 Analyzed: 10/27/25						
2,3,4,6-Tetrachlorophenol	ND	0.67	mg/Kg wet							
Atrazine	ND	0.67	mg/Kg wet							
Benzaldehyde	ND	0.34	mg/Kg wet							
Biphenyl	ND	0.067	mg/Kg wet							
Caprolactam	ND	0.34	mg/Kg wet							
Acenaphthene	ND	0.033	mg/Kg wet							
Acenaphthylene	ND	0.033	mg/Kg wet							
Acetophenone	ND	0.34	mg/Kg wet							
Aniline	ND	0.34	mg/Kg wet							
Anthracene	ND	0.033	mg/Kg wet							
Benzo(a)anthracene	ND	0.033	mg/Kg wet							
Benzo(a)pyrene	ND	0.033	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.033	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.033	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.033	mg/Kg wet							
Bis(2-chloroethoxy)methane	ND	0.34	mg/Kg wet							
Bis(2-chloroethyl)ether	ND	0.34	mg/Kg wet							
2,2'-oxybis(1-Chloropropane)	ND	0.34	mg/Kg wet							
Bis(2-Ethylhexyl)phthalate	ND	0.34	mg/Kg wet							
4-Bromophenylphenylether	ND	0.34	mg/Kg wet							
Butylbenzylphthalate	ND	0.34	mg/Kg wet							
Carbazole	ND	0.17	mg/Kg wet							
4-Chloroaniline	ND	0.66	mg/Kg wet							
4-Chloro-3-methylphenol	ND	0.66	mg/Kg wet							
2-Chloronaphthalene	ND	0.34	mg/Kg wet							
2-Chlorophenol	ND	0.34	mg/Kg wet							
4-Chlorophenylphenylether	ND	0.34	mg/Kg wet							
Chrysene	ND	0.033	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.033	mg/Kg wet							
Dibenzofuran	ND	0.34	mg/Kg wet							
Di-n-butylphthalate	ND	0.34	mg/Kg wet							
3,3-Dichlorobenzidine	ND	0.17	mg/Kg wet							
2,4-Dichlorophenol	ND	0.34	mg/Kg wet							
Diethylphthalate	ND	0.34	mg/Kg wet							
2,4-Dimethylphenol	ND	0.34	mg/Kg wet							
Dimethylphthalate	ND	0.34	mg/Kg wet							
4,6-Dinitro-2-methylphenol	ND	0.34	mg/Kg wet							
2,4-Dinitrophenol	ND	0.66	mg/Kg wet							
2,4-Dinitrotoluene	ND	0.34	mg/Kg wet							
2,6-Dinitrotoluene	ND	0.34	mg/Kg wet							
Di-n-octylphthalate	ND	0.34	mg/Kg wet							
Fluoranthene	ND	0.033	mg/Kg wet							
Fluorene	ND	0.033	mg/Kg wet							
Hexachlorobenzene	ND	0.34	mg/Kg wet							
Hexachlorobutadiene	ND	0.34	mg/Kg wet							
Hexachlorocyclopentadiene	ND	0.34	mg/Kg wet							
Hexachloroethane	ND	0.34	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.033	mg/Kg wet							
Isophorone	ND	0.34	mg/Kg wet							
1-Methylnaphthalene	ND	0.033	mg/Kg wet							
2-Methylnaphthalene	ND	0.033	mg/Kg wet							
2-Methylphenol	ND	0.34	mg/Kg wet							

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B415896 - SW-846 3546											
Blank (B415896-BLK1)				Prepared: 10/22/25 Analyzed: 10/27/25							
3/4-Methylphenol	ND	0.34	mg/Kg wet								
Naphthalene	ND	0.033	mg/Kg wet								
2-Nitroaniline	ND	0.34	mg/Kg wet								
3-Nitroaniline	ND	0.34	mg/Kg wet								
4-Nitroaniline	ND	0.34	mg/Kg wet								
Nitrobenzene	ND	0.34	mg/Kg wet								
2-Nitrophenol	ND	0.34	mg/Kg wet								
4-Nitrophenol	ND	0.66	mg/Kg wet								
N-Nitrosodiphenylamine/Diphenylamine	ND	0.34	mg/Kg wet								
N-Nitrosodi-n-propylamine	ND	0.34	mg/Kg wet								
Pentachlorophenol	ND	0.34	mg/Kg wet								
Phenanthrene	ND	0.033	mg/Kg wet								
Phenol	ND	0.34	mg/Kg wet								
Pyrene	ND	0.033	mg/Kg wet								
Pyridine	ND	0.34	mg/Kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.34	mg/Kg wet								
2,4,5-Trichlorophenol	ND	0.34	mg/Kg wet								
2,4,6-Trichlorophenol	ND	0.34	mg/Kg wet								
Surrogate: 2-Fluorophenol	*5.07*		mg/Kg wet	6.620		76.6	30-130				
Surrogate: Phenol-d6	*5.16*		mg/Kg wet	6.620		77.9	30-130				
Surrogate: Nitrobenzene-d5	*2.54*		mg/Kg wet	3.310		76.8	30-130				
Surrogate: 2-Fluorobiphenyl	*2.40*		mg/Kg wet	3.310		72.6	30-130				
Surrogate: 2,4,6-Tribromophenol	*5.94*		mg/Kg wet	6.620		89.7	30-130				
Surrogate: p-Terphenyl-d14	*2.86*		mg/Kg wet	3.310		86.4	30-130				
LCS (B415896-BS1)				Prepared: 10/22/25 Analyzed: 10/24/25							
2,3,4,6-Tetrachlorophenol	1.17	0.67	mg/Kg wet	1.657		70.3	40-140				
Atrazine	1.30	0.67	mg/Kg wet	1.657		78.7	40-140			V-06	
Benzaldehyde	0.795	0.34	mg/Kg wet	1.657		48.0	40-140			V-05, V-34	
Biphenyl	1.19	0.067	mg/Kg wet	1.657		71.9	40-140				
Caprolactam	1.26	0.34	mg/Kg wet	1.657		75.7	40-140			V-06	
Acenaphthene	1.04	0.033	mg/Kg wet	1.657		62.9	40-140				
Acenaphthylene	1.19	0.033	mg/Kg wet	1.657		71.8	40-140				
Acetophenone	1.13	0.34	mg/Kg wet	1.657		68.3	40-140				
Aniline	0.968	0.34	mg/Kg wet	1.657		58.4	10-140				†
Anthracene	1.17	0.033	mg/Kg wet	1.657		70.4	40-140				
Benzo(a)anthracene	1.17	0.033	mg/Kg wet	1.657		70.7	40-140				
Benzo(a)pyrene	1.22	0.033	mg/Kg wet	1.657		73.8	40-140				
Benzo(b)fluoranthene	1.19	0.033	mg/Kg wet	1.657		72.1	40-140				
Benzo(g,h,i)perylene	1.39	0.033	mg/Kg wet	1.657		83.7	40-140				
Benzo(k)fluoranthene	1.20	0.033	mg/Kg wet	1.657		72.6	40-140				
Bis(2-chloroethoxy)methane	1.21	0.34	mg/Kg wet	1.657		73.0	40-140				
Bis(2-chloroethyl)ether	1.20	0.34	mg/Kg wet	1.657		72.6	40-140				
2,2'-oxybis(1-Chloropropane)	1.61	0.34	mg/Kg wet	1.657		97.4	40-140				
Bis(2-Ethylhexyl)phthalate	1.32	0.34	mg/Kg wet	1.657		79.8	40-140				
4-Bromophenylphenylether	1.24	0.34	mg/Kg wet	1.657		74.8	40-140				
Butylbenzylphthalate	1.27	0.34	mg/Kg wet	1.657		76.9	40-140				
Carbazole	1.09	0.17	mg/Kg wet	1.657		66.0	40-140				
4-Chloroaniline	0.626	0.66	mg/Kg wet	1.657		37.8	10-140			J	†
4-Chloro-3-methylphenol	1.23	0.66	mg/Kg wet	1.657		74.0	30-130				
2-Chloronaphthalene	1.01	0.34	mg/Kg wet	1.657		61.0	40-140				
2-Chlorophenol	1.17	0.34	mg/Kg wet	1.657		70.4	30-130				

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B415896 - SW-846 3546										
LCS (B415896-BS1)				Prepared: 10/22/25 Analyzed: 10/24/25						
4-Chlorophenylphenylether	1.12	0.34	mg/Kg wet	1.657		67.7	40-140			
Chrysene	1.19	0.033	mg/Kg wet	1.657		71.8	40-140			
Dibenz(a,h)anthracene	1.32	0.033	mg/Kg wet	1.657		79.8	40-140			
Dibenzofuran	1.17	0.34	mg/Kg wet	1.657		70.5	40-140			
Di-n-butylphthalate	1.18	0.34	mg/Kg wet	1.657		71.1	40-140			
3,3-Dichlorobenzidine	0.936	0.17	mg/Kg wet	1.657		56.5	20-140			†
2,4-Dichlorophenol	1.21	0.34	mg/Kg wet	1.657		72.8	30-130			
Diethylphthalate	1.15	0.34	mg/Kg wet	1.657		69.1	40-140			
2,4-Dimethylphenol	1.08	0.34	mg/Kg wet	1.657		65.2	30-130			
Dimethylphthalate	1.13	0.34	mg/Kg wet	1.657		68.4	40-140			
4,6-Dinitro-2-methylphenol	1.27	0.34	mg/Kg wet	1.657		76.9	30-130			
2,4-Dinitrophenol	0.885	0.66	mg/Kg wet	1.657		53.4	30-130			
2,4-Dinitrotoluene	1.30	0.34	mg/Kg wet	1.657		78.6	40-140			
2,6-Dinitrotoluene	1.34	0.34	mg/Kg wet	1.657		80.6	40-140			
Di-n-octylphthalate	1.30	0.34	mg/Kg wet	1.657		78.6	40-140			
Fluoranthene	1.06	0.033	mg/Kg wet	1.657		64.2	40-140			
Fluorene	1.15	0.033	mg/Kg wet	1.657		69.5	40-140			
Hexachlorobenzene	1.34	0.34	mg/Kg wet	1.657		80.9	40-140			
Hexachlorobutadiene	1.10	0.34	mg/Kg wet	1.657		66.2	40-140			
Hexachlorocyclopentadiene	0.893	0.34	mg/Kg wet	1.657		53.9	40-140			
Hexachloroethane	1.04	0.34	mg/Kg wet	1.657		62.5	40-140			
Indeno(1,2,3-cd)pyrene	1.33	0.033	mg/Kg wet	1.657		80.3	40-140			
Isophorone	1.36	0.34	mg/Kg wet	1.657		82.3	40-140			
1-Methylnaphthalene	1.12	0.033	mg/Kg wet	1.657		67.6	40-140			
2-Methylnaphthalene	1.07	0.033	mg/Kg wet	1.657		64.5	40-140			
2-Methylphenol	1.19	0.34	mg/Kg wet	1.657		71.9	30-130			
3/4-Methylphenol	1.20	0.34	mg/Kg wet	1.657		72.2	30-130			
Naphthalene	1.10	0.033	mg/Kg wet	1.657		66.1	40-140			
2-Nitroaniline	1.34	0.34	mg/Kg wet	1.657		80.9	40-140			
3-Nitroaniline	1.07	0.34	mg/Kg wet	1.657		64.5	30-140			†
4-Nitroaniline	1.03	0.34	mg/Kg wet	1.657		61.9	40-140			
Nitrobenzene	1.24	0.34	mg/Kg wet	1.657		74.7	40-140			
2-Nitrophenol	1.29	0.34	mg/Kg wet	1.657		77.6	30-130			
4-Nitrophenol	1.22	0.66	mg/Kg wet	1.657		73.3	30-130			
N-Nitrosodiphenylamine/Diphenylamine	1.26	0.34	mg/Kg wet	1.657		75.8	40-140			
N-Nitrosodi-n-propylamine	1.22	0.34	mg/Kg wet	1.657		73.6	40-140			
Pentachlorophenol	0.839	0.34	mg/Kg wet	1.657		50.6	30-130			
Phenanthrene	1.16	0.033	mg/Kg wet	1.657		69.7	40-140			
Phenol	1.18	0.34	mg/Kg wet	1.657		70.9	30-130			
Pyrene	1.26	0.033	mg/Kg wet	1.657		76.2	40-140			
Pyridine	0.752	0.34	mg/Kg wet	1.657		45.4	30-140			†
1,2,4,5-Tetrachlorobenzene	1.08	0.34	mg/Kg wet	1.657		65.3	40-140			
2,4,5-Trichlorophenol	1.17	0.34	mg/Kg wet	1.657		70.8	30-130			
2,4,6-Trichlorophenol	1.16	0.34	mg/Kg wet	1.657		70.1	30-130			
Surrogate: 2-Fluorophenol	*5.14*		mg/Kg wet	6.629		77.6	30-130			
Surrogate: Phenol-d6	*5.22*		mg/Kg wet	6.629		78.7	30-130			
Surrogate: Nitrobenzene-d5	*2.59*		mg/Kg wet	3.315		78.1	30-130			
Surrogate: 2-Fluorobiphenyl	*2.47*		mg/Kg wet	3.315		74.4	30-130			
Surrogate: 2,4,6-Tribromophenol	*5.30*		mg/Kg wet	6.629		80.0	30-130			
Surrogate: p-Terphenyl-d14	*2.91*		mg/Kg wet	3.315		87.7	30-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B415896 - SW-846 3546											
LCS Dup (B415896-BSD1)				Prepared: 10/22/25 Analyzed: 10/24/25							
2,3,4,6-Tetrachlorophenol	1.12	0.67	mg/Kg wet	1.657		67.7	40-140	3.77	20		
Atrazine	1.27	0.67	mg/Kg wet	1.657		76.7	40-140	2.58	30		
Benzaldehyde	0.747	0.34	mg/Kg wet	1.657		45.1	40-140	6.26	20	V-34	
Biphenyl	1.18	0.067	mg/Kg wet	1.657		71.4	40-140	0.703	20		
Caprolactam	1.14	0.34	mg/Kg wet	1.657		68.7	40-140	9.84	20		
Acenaphthene	1.01	0.033	mg/Kg wet	1.657		60.8	40-140	3.49	30		
Acenaphthylene	1.16	0.033	mg/Kg wet	1.657		69.9	40-140	2.74	30		
Acetophenone	1.02	0.34	mg/Kg wet	1.657		61.4	40-140	10.6	30		
Aniline	0.922	0.34	mg/Kg wet	1.657		55.7	10-140	4.84	50		† ‡
Anthracene	1.14	0.033	mg/Kg wet	1.657		69.0	40-140	1.96	30		
Benzo(a)anthracene	1.16	0.033	mg/Kg wet	1.657		69.9	40-140	1.26	30		
Benzo(a)pyrene	1.20	0.033	mg/Kg wet	1.657		72.2	40-140	2.20	30		
Benzo(b)fluoranthene	1.18	0.033	mg/Kg wet	1.657		71.1	40-140	1.43	30		
Benzo(g,h,i)perylene	1.34	0.033	mg/Kg wet	1.657		80.7	40-140	3.71	30		
Benzo(k)fluoranthene	1.19	0.033	mg/Kg wet	1.657		71.9	40-140	0.974	30		
Bis(2-chloroethoxy)methane	1.17	0.34	mg/Kg wet	1.657		70.7	40-140	3.24	30		
Bis(2-chloroethyl)ether	1.13	0.34	mg/Kg wet	1.657		68.1	40-140	6.46	30		
2,2'-oxybis(1-Chloropropane)	1.49	0.34	mg/Kg wet	1.657		90.1	40-140	7.78	30		
Bis(2-Ethylhexyl)phthalate	1.37	0.34	mg/Kg wet	1.657		82.8	40-140	3.63	30		
4-Bromophenylphenylether	1.23	0.34	mg/Kg wet	1.657		74.0	40-140	1.11	30		
Butylbenzylphthalate	1.28	0.34	mg/Kg wet	1.657		77.2	40-140	0.434	30		
Carbazole	1.08	0.17	mg/Kg wet	1.657		65.4	40-140	0.977	30		
4-Chloroaniline	0.671	0.66	mg/Kg wet	1.657		40.5	10-140	6.92	30		†
4-Chloro-3-methylphenol	1.12	0.66	mg/Kg wet	1.657		67.5	30-130	9.16	30		
2-Chloronaphthalene	1.02	0.34	mg/Kg wet	1.657		61.6	40-140	0.913	30		
2-Chlorophenol	1.06	0.34	mg/Kg wet	1.657		63.9	30-130	9.71	30		
4-Chlorophenylphenylether	1.10	0.34	mg/Kg wet	1.657		66.5	40-140	1.82	30		
Chrysene	1.17	0.033	mg/Kg wet	1.657		70.6	40-140	1.66	30		
Dibenz(a,h)anthracene	1.30	0.033	mg/Kg wet	1.657		78.7	40-140	1.40	30		
Dibenzofuran	1.14	0.34	mg/Kg wet	1.657		68.9	40-140	2.30	30		
Di-n-butylphthalate	1.22	0.34	mg/Kg wet	1.657		73.8	40-140	3.69	30		
3,3-Dichlorobenzidine	1.02	0.17	mg/Kg wet	1.657		61.7	20-140	8.73	50		† ‡
2,4-Dichlorophenol	1.13	0.34	mg/Kg wet	1.657		68.2	30-130	6.56	30		
Diethylphthalate	1.13	0.34	mg/Kg wet	1.657		68.4	40-140	1.05	30		
2,4-Dimethylphenol	1.02	0.34	mg/Kg wet	1.657		61.3	30-130	6.16	30		
Dimethylphthalate	1.10	0.34	mg/Kg wet	1.657		66.6	40-140	2.67	30		
4,6-Dinitro-2-methylphenol	1.27	0.34	mg/Kg wet	1.657		76.4	30-130	0.712	30		
2,4-Dinitrophenol	0.868	0.66	mg/Kg wet	1.657		52.4	30-130	1.96	30		
2,4-Dinitrotoluene	1.26	0.34	mg/Kg wet	1.657		76.2	40-140	3.16	30		
2,6-Dinitrotoluene	1.29	0.34	mg/Kg wet	1.657		77.9	40-140	3.49	30		
Di-n-octylphthalate	1.35	0.34	mg/Kg wet	1.657		81.4	40-140	3.47	30		
Fluoranthene	1.09	0.033	mg/Kg wet	1.657		65.8	40-140	2.37	30		
Fluorene	1.11	0.033	mg/Kg wet	1.657		67.3	40-140	3.25	30		
Hexachlorobenzene	1.32	0.34	mg/Kg wet	1.657		79.4	40-140	1.91	30		
Hexachlorobutadiene	1.11	0.34	mg/Kg wet	1.657		66.7	40-140	0.749	30		
Hexachlorocyclopentadiene	0.904	0.34	mg/Kg wet	1.657		54.6	40-140	1.26	30		
Hexachloroethane	0.995	0.34	mg/Kg wet	1.657		60.0	40-140	4.11	30		
Indeno(1,2,3-cd)pyrene	1.30	0.033	mg/Kg wet	1.657		78.3	40-140	2.66	30		
Isophorone	1.30	0.34	mg/Kg wet	1.657		78.3	40-140	5.09	30		
1-Methylnaphthalene	1.07	0.033	mg/Kg wet	1.657		64.4	40-140	5.00	30		
2-Methylnaphthalene	1.03	0.033	mg/Kg wet	1.657		61.9	40-140	4.21	30		
2-Methylphenol	1.08	0.34	mg/Kg wet	1.657		65.3	30-130	9.77	30		

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B415896 - SW-846 3546										
LCS Dup (B415896-BSD1)				Prepared: 10/22/25 Analyzed: 10/24/25						
3/4-Methylphenol	1.06	0.34	mg/Kg wet	1.657		64.3	30-130	11.7	30	
Naphthalene	1.05	0.033	mg/Kg wet	1.657		63.4	40-140	4.26	30	
2-Nitroaniline	1.29	0.34	mg/Kg wet	1.657		78.0	40-140	3.71	30	
3-Nitroaniline	1.05	0.34	mg/Kg wet	1.657		63.5	30-140	1.63	30	†
4-Nitroaniline	1.01	0.34	mg/Kg wet	1.657		60.9	40-140	1.56	30	
Nitrobenzene	1.17	0.34	mg/Kg wet	1.657		70.8	40-140	5.34	30	
2-Nitrophenol	1.22	0.34	mg/Kg wet	1.657		73.4	30-130	5.62	30	
4-Nitrophenol	1.17	0.66	mg/Kg wet	1.657		70.5	30-130	4.01	50	‡
N-Nitrosodiphenylamine/Diphenylamine	1.24	0.34	mg/Kg wet	1.657		75.0	40-140	1.12	30	
N-Nitrosodi-n-propylamine	1.09	0.34	mg/Kg wet	1.657		65.9	40-140	11.2	30	
Pentachlorophenol	0.815	0.34	mg/Kg wet	1.657		49.2	30-130	2.88	30	
Phenanthrene	1.14	0.033	mg/Kg wet	1.657		69.0	40-140	1.13	30	
Phenol	1.05	0.34	mg/Kg wet	1.657		63.5	30-130	11.0	30	
Pyrene	1.18	0.033	mg/Kg wet	1.657		71.0	40-140	7.10	30	
Pyridine	0.755	0.34	mg/Kg wet	1.657		45.6	30-140	0.495	30	†
1,2,4,5-Tetrachlorobenzene	1.10	0.34	mg/Kg wet	1.657		66.4	40-140	1.61	30	
2,4,5-Trichlorophenol	1.14	0.34	mg/Kg wet	1.657		68.6	30-130	3.19	30	
2,4,6-Trichlorophenol	1.14	0.34	mg/Kg wet	1.657		68.7	30-130	2.14	30	
Surrogate: 2-Fluorophenol	*4.64*		mg/Kg wet	6.627		70.0	30-130			
Surrogate: Phenol-d6	*4.59*		mg/Kg wet	6.627		69.3	30-130			
Surrogate: Nitrobenzene-d5	*2.40*		mg/Kg wet	3.313		72.5	30-130			
Surrogate: 2-Fluorobiphenyl	*2.40*		mg/Kg wet	3.313		72.4	30-130			
Surrogate: 2,4,6-Tribromophenol	*5.13*		mg/Kg wet	6.627		77.4	30-130			
Surrogate: p-Terphenyl-d14	*2.72*		mg/Kg wet	3.313		82.0	30-130			

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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B415936 - SW-846 3546										
Blank (B415936-BLK1)				Prepared: 10/23/25 Analyzed: 10/28/25						
Aroclor-1016	ND	0.020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1221	ND	0.020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1232	ND	0.020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1242	ND	0.020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1248	ND	0.020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1254	ND	0.020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1260	ND	0.020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1262	ND	0.020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1268	ND	0.020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.202*		mg/Kg wet	0.2000		101	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.189*		mg/Kg wet	0.2000		94.4	30-150			
Surrogate: Tetrachloro-m-xylene	*0.192*		mg/Kg wet	0.2000		96.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.175*		mg/Kg wet	0.2000		87.7	30-150			
LCS (B415936-BS1)				Prepared: 10/23/25 Analyzed: 10/28/25						
Aroclor-1016	0.13	0.020	mg/Kg wet	0.1994		66.4	40-140			
Aroclor-1016 [2C]	0.13	0.020	mg/Kg wet	0.1994		65.1	40-140			
Aroclor-1260	0.15	0.020	mg/Kg wet	0.1994		76.2	40-140			
Aroclor-1260 [2C]	0.15	0.020	mg/Kg wet	0.1994		73.8	40-140			
Surrogate: Decachlorobiphenyl	*0.199*		mg/Kg wet	0.1994		100	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.182*		mg/Kg wet	0.1994		91.1	30-150			
Surrogate: Tetrachloro-m-xylene	*0.181*		mg/Kg wet	0.1994		90.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.162*		mg/Kg wet	0.1994		81.2	30-150			
LCS Dup (B415936-BSD1)				Prepared: 10/23/25 Analyzed: 10/28/25						
Aroclor-1016	0.15	0.020	mg/Kg wet	0.1996		73.2	40-140	9.87	30	
Aroclor-1016 [2C]	0.15	0.020	mg/Kg wet	0.1996		73.4	40-140	12.0	30	
Aroclor-1260	0.17	0.020	mg/Kg wet	0.1996		83.3	40-140	8.89	30	
Aroclor-1260 [2C]	0.17	0.020	mg/Kg wet	0.1996		83.2	40-140	12.0	30	
Surrogate: Decachlorobiphenyl	*0.213*		mg/Kg wet	0.1996		107	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.201*		mg/Kg wet	0.1996		101	30-150			
Surrogate: Tetrachloro-m-xylene	*0.200*		mg/Kg wet	0.1996		100	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.186*		mg/Kg wet	0.1996		93.0	30-150			

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QUALITY CONTROL

Total Metals - Mansfield Lab - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch WG2134006 - EPA 3050B										
Blank (WG2134006-1)				Prepared: 10/29/25 Analyzed: 10/31/25						
Aluminum, Total	ND	4.00	mg/kg				-			
Antimony, Total	ND	2.00	mg/kg				-			
Arsenic, Total	ND	0.400	mg/kg				-			
Barium, Total	ND	0.400	mg/kg				-			
Beryllium, Total	ND	0.200	mg/kg				-			
Cadmium, Total	ND	0.400	mg/kg				-			
Calcium, Total	ND	4.00	mg/kg				-			
Chromium, Total	ND	0.400	mg/kg				-			
Cobalt, Total	ND	0.800	mg/kg				-			
Copper, Total	ND	0.400	mg/kg				-			
Iron, Total	0.936	2.00	mg/kg				-			J
Lead, Total	ND	2.00	mg/kg				-			
Magnesium, Total	ND	4.00	mg/kg				-			
Manganese, Total	ND	0.400	mg/kg				-			
Nickel, Total	ND	1.00	mg/kg				-			
Potassium, Total	ND	100	mg/kg				-			
Selenium, Total	ND	0.800	mg/kg				-			
Silver, Total	ND	0.200	mg/kg				-			
Sodium, Total	ND	80.0	mg/kg				-			
Thallium, Total	ND	0.800	mg/kg				-			
Vanadium, Total	ND	0.400	mg/kg				-			
Zinc, Total	ND	2.00	mg/kg				-			
LCS (WG2134006-2)				Prepared: 10/29/25 Analyzed: 10/31/25						
Aluminum, Total	176	2.6	mg/kg	160		110	80-120			
Antimony, Total	41.6	3.08	mg/kg	40		104	80-120			
Arsenic, Total	9.99	.346	mg/kg	9.6		104	80-120			
Barium, Total	178	.0848	mg/kg	160		111	80-120			
Beryllium, Total	4.40	.044	mg/kg	4		110	80-120			
Cadmium, Total	4.39	.044	mg/kg	4.24		104	80-120			
Calcium, Total	830	4.54	mg/kg	800		104	80-120			
Chromium, Total	16.7	.678	mg/kg	16		104	80-120			
Cobalt, Total	42.0	.198	mg/kg	40		105	80-120			
Copper, Total	21.6	.182	mg/kg	20		108	80-120			
Iron, Total	87.1	.84	mg/kg	80		109	80-120			
Lead, Total	47.2	.19	mg/kg	42.4		111	80-120			
Magnesium, Total	829	1.3	mg/kg	800		104	80-120			
Manganese, Total	42.6	.429	mg/kg	40		106	80-120			
Nickel, Total	41.9	.646	mg/kg	40		105	80-120			
Potassium, Total	916	40.6	mg/kg	800		114	80-120			
Selenium, Total	10.2	.263	mg/kg	9.6		106	80-120			
Silver, Total	4.20	.238	mg/kg	4		105	80-120			
Sodium, Total	875	84.8	mg/kg	800		109	80-120			
Thallium, Total	10.8	.722	mg/kg	9.6		112	80-120			
Vanadium, Total	44.0	.121	mg/kg	40		110	80-120			
Zinc, Total	41.0	.485	mg/kg	40		102	80-120			

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QUALITY CONTROL

Total Metals - Mansfield Lab - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch WG2134007 - EPA 7471B										
Blank (WG2134007-1)				Prepared: 10/29/25 Analyzed: 10/30/25						
Mercury, Total	ND	0.083	mg/kg				-			
LCS (WG2134007-2)				Prepared: 10/29/25 Analyzed: 10/30/25						
Mercury, Total	1.82	.0833	mg/kg	1.67		109	80-120			

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B415936-BS1 Date(s) Analyzed: 10/28/2025 10/28/2025

Instrument ID (1): ECD5 Instrument ID (2): ECD5

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	0.000	0.000	0.13	
	2	0.000	0.000	0.000	0.13	0.0
Aroclor-1260	1	0.000	0.000	0.000	0.15	
	2	0.000	0.000	0.000	0.15	0.0

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B415936-BSD1 Date(s) Analyzed: 10/28/2025 10/28/2025

Instrument ID (1): ECD5 Instrument ID (2): ECD5

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	0.000	0.000	0.15	
	2	0.000	0.000	0.000	0.15	0.0
Aroclor-1260	1	0.000	0.000	0.000	0.17	
	2	0.000	0.000	0.000	0.17	0.0

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
O-32	A dilution was performed as part of the standard analytical procedure.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
RL-11	Elevated reporting limit due to high concentration of target compounds.
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.
V-06	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side for this compound.
V-20	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.
V-34	Initial calibration verification (ICV) did not meet method specifications and was biased on the low side for this compound. Reported result is estimated.
V-36	Initial calibration verification (ICV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1016 [2C]	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1221	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1221 [2C]	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1232	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1232 [2C]	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1242	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1242 [2C]	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1248	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1248 [2C]	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1254	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1254 [2C]	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1260	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1260 [2C]	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1262	NH,NY,NC,ME,VA,PA,NJ
Aroclor-1262 [2C]	NH,NY,NC,ME,VA,PA,NJ
Aroclor-1268	NH,NY,NC,ME,VA,PA,NJ
Aroclor-1268 [2C]	NH,NY,NC,ME,VA,PA,NJ
SW-846 8082A in Water	
Aroclor-1016	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1016 [2C]	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1221	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1221 [2C]	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1232	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1232 [2C]	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1242	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1242 [2C]	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1248	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1248 [2C]	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1254	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1254 [2C]	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1260	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1260 [2C]	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1262	NH,NY,NC,ME,VA,PA,NJ
Aroclor-1262 [2C]	NH,NY,NC,ME,VA,PA,NJ
Aroclor-1268	NH,NY,NC,ME,VA,PA,NJ
Aroclor-1268 [2C]	NH,NY,NC,ME,VA,PA,NJ
SW-846 8260D in Soil	
Acetone	CT,NH,NY,ME,VA
Acetone	CT,NH,NY,ME,VA
Benzene	CT,NH,NY,ME,VA
Benzene	CT,NH,NY,ME,VA
Bromochloromethane	NH,NY,ME,VA
Bromochloromethane	NH,NY,ME,VA
Bromodichloromethane	CT,NH,NY,ME,VA
Bromodichloromethane	CT,NH,NY,ME,VA

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Soil	
Bromoform	CT,NH,NY,ME,VA
Bromoform	CT,NH,NY,ME,VA
Bromomethane	CT,NH,NY,ME,VA
Bromomethane	CT,NH,NY,ME,VA
2-Butanone (MEK)	CT,NH,NY,ME,VA
2-Butanone (MEK)	CT,NH,NY,ME,VA
n-Butylbenzene	CT,NH,NY,ME,VA
n-Butylbenzene	CT,NH,NY,ME,VA
sec-Butylbenzene	CT,NH,NY,ME,VA
sec-Butylbenzene	CT,NH,NY,ME,VA
tert-Butylbenzene	CT,NH,NY,ME,VA
tert-Butylbenzene	CT,NH,NY,ME,VA
Carbon Disulfide	CT,NH,NY,ME,VA
Carbon Disulfide	CT,NH,NY,ME,VA
Carbon Tetrachloride	CT,NH,NY,ME,VA
Carbon Tetrachloride	CT,NH,NY,ME,VA
Chlorobenzene	CT,NH,NY,ME,VA
Chlorobenzene	CT,NH,NY,ME,VA
Chlorodibromomethane	CT,NH,NY,ME,VA
Chlorodibromomethane	CT,NH,NY,ME,VA
Chloroethane	CT,NH,NY,ME,VA
Chloroethane	CT,NH,NY,ME,VA
Chloroform	CT,NH,NY,ME,VA
Chloroform	CT,NH,NY,ME,VA
Chloromethane	CT,NH,NY,ME,VA
Chloromethane	CT,NH,NY,ME,VA
Cyclohexane	NY,ME
1,2-Dibromo-3-chloropropane (DBCP)	NY,ME
1,2-Dibromo-3-chloropropane (DBCP)	NY
1,2-Dibromoethane (EDB)	NH,NY
1,2-Dibromoethane (EDB)	NH,NY
1,2-Dichlorobenzene	CT,NH,NY,ME,VA
1,2-Dichlorobenzene	CT,NH,NY,ME,VA
1,3-Dichlorobenzene	CT,NH,NY,ME,VA
1,3-Dichlorobenzene	CT,NH,NY,ME,VA
1,4-Dichlorobenzene	CT,NH,NY,ME,VA
1,4-Dichlorobenzene	CT,NH,NY,ME,VA
Dichlorodifluoromethane (Freon 12)	NH,NY,ME,VA
Dichlorodifluoromethane (Freon 12)	NY,ME,VA
1,1-Dichloroethane	CT,NH,NY,ME,VA
1,1-Dichloroethane	CT,NH,NY,ME,VA
1,2-Dichloroethane	CT,NH,NY,ME,VA
1,2-Dichloroethane	CT,NH,NY,ME,VA
1,1-Dichloroethylene	CT,NH,NY,ME,VA
1,1-Dichloroethylene	CT,NH,NY,ME,VA
cis-1,2-Dichloroethylene	CT,NH,NY,ME,VA
cis-1,2-Dichloroethylene	CT,NH,NY,ME,VA

Pace Analytical Services, LLC - East Longmeadow, Ma

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Soil	
trans-1,2-Dichloroethylene	CT,NH,NY,ME,VA
trans-1,2-Dichloroethylene	CT,NH,NY,ME,VA
1,2-Dichloropropane	CT,NH,NY,ME,VA
1,2-Dichloropropane	CT,NH,NY,ME,VA
cis-1,3-Dichloropropene	CT,NH,NY,ME,VA
cis-1,3-Dichloropropene	CT,NH,NY,ME,VA
trans-1,3-Dichloropropene	CT,NH,NY,ME,VA
trans-1,3-Dichloropropene	CT,NH,NY,ME,VA
Ethylbenzene	CT,NH,NY,ME,VA
Ethylbenzene	CT,NH,NY,ME,VA
Hexachlorobutadiene	NH,NY,ME,VA
Hexachlorobutadiene	NH,NY,ME,VA
2-Hexanone (MBK)	CT,NH,NY,ME,VA
2-Hexanone (MBK)	CT,NH,NY,ME,VA
Isopropylbenzene (Cumene)	CT,NH,NY,ME,VA
Isopropylbenzene (Cumene)	CT,NH,NY,ME,VA
p-Isopropyltoluene (p-Cymene)	NH,NY
p-Isopropyltoluene (p-Cymene)	NH,NY
Methyl Acetate	NY,ME
Methyl tert-Butyl Ether (MTBE)	NY,VA
Methyl tert-Butyl Ether (MTBE)	NY,ME,VA
Methyl Cyclohexane	NY
Methylene Chloride	CT,NH,NY,ME,VA
Methylene Chloride	CT,NH,NY,ME,VA
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,VA
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,ME,VA
Naphthalene	NH,NY,ME,VA
Naphthalene	NH,NY,ME,VA
n-Propylbenzene	NH,NY,ME
n-Propylbenzene	NH,NY
Styrene	CT,NH,NY,ME,VA
Styrene	CT,NH,NY,ME,VA
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,VA
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,VA
Tetrachloroethylene	CT,NH,NY,ME,VA
Tetrachloroethylene	CT,NH,NY,ME,VA
Toluene	CT,NH,NY,ME,VA
Toluene	CT,NH,NY,ME,VA
1,2,3-Trichlorobenzene	NY,ME
1,2,4-Trichlorobenzene	NH,NY,ME,VA
1,2,4-Trichlorobenzene	NH,NY,ME,VA
1,1,1-Trichloroethane	CT,NH,NY,ME,VA
1,1,1-Trichloroethane	CT,NH,NY,ME,VA
1,1,2-Trichloroethane	CT,NH,NY,ME,VA
1,1,2-Trichloroethane	CT,NH,NY,ME,VA
Trichloroethylene	CT,NH,NY,ME,VA
Trichloroethylene	CT,NH,NY,ME,VA

Pace Analytical Services, LLC - East Longmeadow, Ma

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Soil	
Trichlorofluoromethane (Freon 11)	CT,NH,NY,VA
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME,VA
1,2,3-Trichloropropane	NH,NY,ME,VA
1,2,3-Trichloropropane	NH,NY,ME,VA
1,2,4-Trimethylbenzene	CT,NH,NY,ME,VA
1,2,4-Trimethylbenzene	CT,NH,NY,ME,VA
1,3,5-Trimethylbenzene	CT,NH,NY,ME,VA
1,3,5-Trimethylbenzene	CT,NH,NY,ME,VA
Vinyl Chloride	CT,NH,NY,ME,VA
Vinyl Chloride	CT,NH,NY,ME,VA
m+p Xylene	CT,NH,NY,ME,VA
m+p Xylene	CT,NH,NY,ME,VA
o-Xylene	CT,NH,NY,ME,VA
o-Xylene	CT,NH,NY,ME,VA
Xylenes (total)	NH,NY,ME
SW-846 8260D in Water	
Acetone	CT,ME,NH,VA,NY,NJ
Benzene	CT,ME,NH,VA,NY,NJ
Bromochloromethane	ME,NH,VA,NY,NJ
Bromodichloromethane	CT,ME,NH,VA,NY,NJ
Bromoform	CT,ME,NH,VA,NY,NJ
Bromomethane	CT,ME,NH,VA,NY,NJ
2-Butanone (MEK)	CT,ME,NH,VA,NY,NJ
n-Butylbenzene	ME,VA,NY,NJ
sec-Butylbenzene	ME,VA,NY,NJ
tert-Butylbenzene	ME,VA,NY,NJ
Carbon Disulfide	CT,ME,NH,VA,NY,NJ
Carbon Tetrachloride	CT,ME,NH,VA,NY,NJ
Chlorobenzene	CT,ME,NH,VA,NY,NJ
Chlorodibromomethane	CT,ME,NH,VA,NY,NJ
Chloroethane	CT,ME,NH,VA,NY,NJ
Chloroform	CT,ME,NH,VA,NY,NJ
Chloromethane	CT,ME,NH,VA,NY,NJ
Cyclohexane	ME,NY,NJ
1,2-Dibromo-3-chloropropane (DBCP)	ME,NY,NJ
1,2-Dibromoethane (EDB)	ME,NY,NJ
1,2-Dichlorobenzene	CT,ME,NH,VA,NY,NJ
1,3-Dichlorobenzene	CT,ME,NH,VA,NY,NJ
1,4-Dichlorobenzene	CT,ME,NH,VA,NY,NJ
Dichlorodifluoromethane (Freon 12)	ME,NH,VA,NY,NJ
1,1-Dichloroethane	CT,ME,NH,VA,NY,NJ
1,2-Dichloroethane	CT,ME,NH,VA,NY,NJ
1,1-Dichloroethylene	CT,ME,NH,VA,NY,NJ
cis-1,2-Dichloroethylene	ME,NY,NJ
trans-1,2-Dichloroethylene	CT,ME,NH,VA,NY,NJ
1,2-Dichloropropane	CT,ME,NH,VA,NY,NJ

Pace Analytical Services, LLC - East Longmeadow, Ma

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Water	
cis-1,3-Dichloropropene	CT,ME,NH,VA,NY,NJ
trans-1,3-Dichloropropene	CT,ME,NH,VA,NY,NJ
Ethylbenzene	CT,ME,NH,VA,NY,NJ
Hexachlorobutadiene	CT,ME,NH,VA,NY,NJ
2-Hexanone (MBK)	CT,ME,NH,VA,NY,NJ
Isopropylbenzene (Cumene)	ME,VA,NY,NJ
p-Isopropyltoluene (p-Cymene)	CT,ME,NH,VA,NY,NJ
Methyl Acetate	ME,NY,NJ
Methyl tert-Butyl Ether (MTBE)	CT,ME,NH,VA,NY,NJ
Methyl Cyclohexane	NY,NJ
Methylene Chloride	CT,ME,NH,VA,NY,NJ
4-Methyl-2-pentanone (MIBK)	CT,ME,NH,VA,NY,NJ
Naphthalene	ME,NH,VA,NY,NJ
n-Propylbenzene	CT,ME,NH,VA,NY,NJ
Styrene	CT,ME,NH,VA,NY,NJ
1,1,2,2-Tetrachloroethane	CT,ME,NH,VA,NY,NJ
Tetrachloroethylene	CT,ME,NH,VA,NY,NJ
Toluene	CT,ME,NH,VA,NY,NJ
1,2,3-Trichlorobenzene	ME,NH,VA,NY,NJ
1,2,4-Trichlorobenzene	CT,ME,NH,VA,NY,NJ
1,1,1-Trichloroethane	CT,ME,NH,VA,NY,NJ
1,1,2-Trichloroethane	CT,ME,NH,VA,NY,NJ
Trichloroethylene	CT,ME,NH,VA,NY,NJ
Trichlorofluoromethane (Freon 11)	CT,ME,NH,VA,NY,NJ
1,2,3-Trichloropropane	ME,NH,VA,NY,NJ
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	VA,NY,NJ
1,2,4-Trimethylbenzene	ME,VA,NY,NJ
1,3,5-Trimethylbenzene	ME,VA,NY,NJ
Vinyl Chloride	CT,ME,NH,VA,NY,NJ
m+p Xylene	CT,ME,NH,VA,NY,NJ
o-Xylene	CT,ME,NH,VA,NY,NJ
Xylenes (total)	ME,NY,NJ
SW-846 8270E in Soil	
Atrazine	ME,NC
Acenaphthene	CT,NY,NH,ME,NC,VA
Acenaphthylene	CT,NY,NH,ME,NC,VA
Acetophenone	NY,NH,ME,NC,VA
Aniline	NY,NH,ME,NC,VA
Anthracene	CT,NY,NH,ME,NC,VA
Benzo(a)anthracene	CT,NY,NH,ME,NC,VA
Benzo(a)pyrene	CT,NY,NH,ME,NC,VA
Benzo(b)fluoranthene	CT,NY,NH,ME,NC,VA
Benzo(g,h,i)perylene	CT,NY,NH,ME,NC,VA
Benzo(k)fluoranthene	CT,NY,NH,ME,NC,VA
Bis(2-chloroethoxy)methane	CT,NY,NH,ME,NC,VA
Bis(2-chloroethyl)ether	CT,NY,NH,ME,NC,VA

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270E in Soil	
2,2'-oxybis(1-Chloropropane)	CT,NY,NH,ME,NC,VA
Bis(2-Ethylhexyl)phthalate	CT,NY,NH,ME,NC,VA
4-Bromophenylphenylether	CT,NY,NH,ME,NC,VA
Butylbenzylphthalate	CT,NY,NH,ME,NC,VA
Carbazole	NC
4-Chloroaniline	CT,NY,NH,ME,NC,VA
4-Chloro-3-methylphenol	CT,NY,NH,ME,NC,VA
2-Chloronaphthalene	CT,NY,NH,NC,VA
2-Chlorophenol	CT,NY,NH,ME,NC,VA
4-Chlorophenylphenylether	CT,NY,NH,ME,NC,VA
Chrysene	CT,NY,NH,ME,NC,VA
Dibenz(a,h)anthracene	CT,NY,NH,ME,NC,VA
Dibenzofuran	CT,NY,NH,ME,NC,VA
Di-n-butylphthalate	CT,NY,NH,ME,NC,VA
1,2-Dichlorobenzene	NY,NH,ME,NC,VA
1,3-Dichlorobenzene	NY,NH,ME,NC,VA
1,4-Dichlorobenzene	NY,NH,ME,NC,VA
3,3-Dichlorobenzidine	CT,NY,NH,ME,NC,VA
2,4-Dichlorophenol	CT,NY,NH,ME,NC,VA
Diethylphthalate	CT,NY,NH,ME,NC,VA
2,4-Dimethylphenol	CT,NY,NH,ME,NC,VA
Dimethylphthalate	CT,NY,NH,ME,NC,VA
4,6-Dinitro-2-methylphenol	CT,NY,NH,ME,NC,VA
2,4-Dinitrophenol	CT,NY,NH,ME,NC,VA
2,4-Dinitrotoluene	CT,NY,NH,ME,NC,VA
2,6-Dinitrotoluene	CT,NY,NH,ME,NC,VA
Di-n-octylphthalate	CT,NY,NH,ME,NC,VA
Fluoranthene	CT,NY,NH,ME,NC,VA
Fluorene	NY,NH,ME,NC,VA
Hexachlorobenzene	CT,NY,NH,ME,NC,VA
Hexachlorobutadiene	CT,NY,NH,ME,NC,VA
Hexachlorocyclopentadiene	CT,NY,NH,ME,NC,VA
Hexachloroethane	CT,NY,NH,ME,NC,VA
Indeno(1,2,3-cd)pyrene	CT,NY,NH,ME,NC,VA
Isophorone	CT,NY,NH,ME,NC,VA
1-Methylnaphthalene	NC
2-Methylnaphthalene	CT,NY,NH,ME,NC,VA
2-Methylphenol	CT,NY,NH,ME,NC,VA
3/4-Methylphenol	CT,NY,NH,ME,NC,VA
Naphthalene	CT,NY,NH,ME,NC,VA
2-Nitroaniline	CT,NY,NH,ME,NC,VA
3-Nitroaniline	CT,NY,NH,ME,NC,VA
4-Nitroaniline	CT,NY,NH,ME,NC,VA
Nitrobenzene	CT,NY,NH,ME,NC,VA
2-Nitrophenol	CT,NY,NH,ME,NC,VA
4-Nitrophenol	CT,NY,NH,ME,NC,VA
N-Nitrosodi-n-propylamine	CT,NY,NH,ME,NC,VA

Pace Analytical Services, LLC - East Longmeadow, Ma

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270E in Soil	
Pentachlorophenol	CT,NY,NH,ME,NC,VA
Phenanthrene	CT,NY,NH,ME,NC,VA
Phenol	CT,NY,NH,ME,NC,VA
Pyrene	CT,NY,NH,ME,NC,VA
Pyridine	CT,NY,NH,ME,NC,VA
1,2,4,5-Tetrachlorobenzene	NY,NC
1,2,4-Trichlorobenzene	CT,NY,NH,ME,NC,VA
2,4,5-Trichlorophenol	CT,NY,NH,ME,NC,VA
2,4,6-Trichlorophenol	CT,NY,NH,ME,NC,VA
2-Fluorophenol	NC
SW-846 8270E in Water	
Acenaphthene	CT,NY,NC,ME,NH,VA
Acenaphthylene	CT,NY,NC,ME,NH,VA
Acetophenone	NY,NC
Aniline	CT,NY,NC,ME,VA
Anthracene	CT,NY,NC,ME,NH,VA
Benzo(a)anthracene	CT,NY,NC,ME,NH,VA
Benzo(a)pyrene	CT,NY,NC,ME,NH,VA
Benzo(b)fluoranthene	CT,NY,NC,ME,NH,VA
Benzo(g,h,i)perylene	CT,NY,NC,ME,NH,VA
Benzo(k)fluoranthene	CT,NY,NC,ME,NH,VA
Bis(2-chloroethoxy)methane	CT,NY,NC,ME,NH,VA
Bis(2-chloroethyl)ether	CT,NY,NC,ME,NH,VA
2,2'-oxybis(1-Chloropropane)	CT,NY,NC,ME,NH,VA
Bis(2-Ethylhexyl)phthalate	CT,NY,NC,ME,NH,VA
4-Bromophenylphenylether	CT,NY,NC,ME,NH,VA
Butylbenzylphthalate	CT,NY,NC,ME,NH,VA
Carbazole	NC
4-Chloroaniline	CT,NY,NC,ME,NH,VA
4-Chloro-3-methylphenol	CT,NY,NC,ME,NH,VA
2-Chloronaphthalene	CT,NY,NC,ME,NH,VA
2-Chlorophenol	CT,NY,NC,ME,NH,VA
4-Chlorophenylphenylether	CT,NY,NC,ME,NH,VA
Chrysene	CT,NY,NC,ME,NH,VA
Dibenz(a,h)anthracene	CT,NY,NC,ME,NH,VA
Dibenzofuran	CT,NY,NC,ME,NH,VA
Di-n-butylphthalate	CT,NY,NC,ME,NH,VA
1,2-Dichlorobenzene	CT,NY,NC,ME,NH,VA
1,3-Dichlorobenzene	CT,NY,NC,ME,NH,VA
1,4-Dichlorobenzene	CT,NY,NC,ME,NH,VA
3,3-Dichlorobenzidine	CT,NY,NC,ME,NH,VA
2,4-Dichlorophenol	CT,NY,NC,ME,NH,VA
Diethylphthalate	CT,NY,NC,ME,NH,VA
2,4-Dimethylphenol	CT,NY,NC,ME,NH,VA
Dimethylphthalate	CT,NY,NC,ME,NH,VA
4,6-Dinitro-2-methylphenol	CT,NY,NC,ME,NH,VA

Pace Analytical Services, LLC - East Longmeadow, Ma

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270E in Water	
2,4-Dinitrophenol	CT,NY,NC,ME,NH,VA
2,4-Dinitrotoluene	CT,NY,NC,ME,NH,VA
2,6-Dinitrotoluene	CT,NY,NC,ME,NH,VA
Di-n-octylphthalate	CT,NY,NC,ME,NH,VA
Fluoranthene	CT,NY,NC,ME,NH,VA
Fluorene	NY,NC,ME,NH,VA
Hexachlorobenzene	CT,NY,NC,ME,NH,VA
Hexachlorobutadiene	CT,NY,NC,ME,NH,VA
Hexachlorocyclopentadiene	CT,NY,NC,ME,NH,VA
Hexachloroethane	CT,NY,NC,ME,NH,VA
Indeno(1,2,3-cd)pyrene	CT,NY,NC,ME,NH,VA
Isophorone	CT,NY,NC,ME,NH,VA
1-Methylnaphthalene	NC
2-Methylnaphthalene	CT,NY,NC,ME,NH,VA
2-Methylphenol	CT,NY,NC,NH,VA
3/4-Methylphenol	CT,NY,NC,NH,VA
Naphthalene	CT,NY,NC,ME,NH,VA
2-Nitroaniline	CT,NY,NC,ME,NH,VA
3-Nitroaniline	CT,NY,NC,ME,NH,VA
4-Nitroaniline	CT,NY,NC,ME,NH,VA
Nitrobenzene	CT,NY,NC,ME,NH,VA
2-Nitrophenol	CT,NY,NC,ME,NH,VA
4-Nitrophenol	CT,NY,NC,ME,NH,VA
N-Nitrosodi-n-propylamine	CT,NY,NC,ME,NH,VA
Pentachlorophenol	CT,NY,NC,ME,NH,VA
Phenanthrene	CT,NY,NC,ME,NH,VA
Phenol	CT,NY,NC,ME,NH,VA
Pyrene	CT,NY,NC,ME,NH,VA
Pyridine	CT,NY,NC,ME,NH,VA
1,2,4,5-Tetrachlorobenzene	NY,NC
1,2,4-Trichlorobenzene	CT,NY,NC,ME,NH,VA
2,4,5-Trichlorophenol	CT,NY,NC,ME,NH,VA
2,4,6-Trichlorophenol	CT,NY,NC,ME,NH,VA
2-Fluorophenol	NC

Pace Analytical Services, LLC - East Longmeadow, Ma, operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Department of Public Health	PH-0821	12/31/2026
NY	New York State Department of Health	10899 NELAP	04/1/2026
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2026
NC	North Carolina Div. of Water Quality	652	12/31/2025
NJ	New Jersey DEP	MA007 NELAP	06/30/2026
ME	State of Maine	MA00100	06/9/2027
VA	Commonwealth of Virginia	460217	12/14/2025
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2026

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Pace Analytical

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39 Spruce St
East Longmeadow, MA 01028

https://www.pacelabs.com/

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CHAIN OF CUSTODY RECORD (New York)

Page 1 of 1

Contact: https://www.pacelabs.com/contact-us/contact-environmental-sciences/

Company Name: NYS DEC	Consultant: Labella / EA2
Consultant Address:	225 Atlantic Av, Patchogue NY
Consultant Phone:	631-447-6760
Callout Project Name:	DEC - Glenhead 22-26
Project Location:	Farm Fresh + clean Laundry
Callout Number:	
Site/Spill Number:	# 13011
Project Manager:	T. Vicale
Pace Analytical Quote Name/Number:	
Invoice Recipient:	
Sampled By:	SD

Requested Turnaround Time
DEC Standard 30-calendar day [X]
Due Date:

Rush (Prior Approval Required)
1-Day [ ] 2-Day [ ] 3-Day [ ]
4-Day [ ] 5-Day [ ] 10-Day [ ]

Data Delivery
Format: PDF [X] EXCEL [X]
Other: Equis EDD
CLP Like (Level 4) Data Pkg Required: [ ]
Email To: vicale@enviro-asmat.com
Fax To #:

Pace Analytical Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code
1	SB-SE1_112.5-115	10/16/25	0859	X		S	U
2	Trip Blank	10/16/25	0800	X		S	U
3	wash_characterization_soil	10/16/25	0944	X		S	U
4	SB-SE1_115	10/16/25	1120		X	GW	U
5	SB-SE1_133	10/16/25	1153		X	GW	U
6	SB-NW1-10-12.5	10/16/25	1327	X		S	U
7	SB-NW1_12.5-15	10/16/25	1327	X		S	U
8	SB-NW1_15-20	10/16/25	1334	X		S	U
9	Cistern_North	10/16/25	0725		X	GW	U

ANALYSIS REQUESTED (Circle Requested Analyses/Reporting List)

# of Containers	4	3					1	1	1		
[2] Preservation Code	AB	H					-	-	-		
[3] Container Code	V	V					A	A	P		

6200: DER TCL / Oxygenates / CP-51	8260: DER TCL / CP-51	1,4-Dioxane SIM	8082 PCBs	8081 Pesticide	8151 Herbicide	TAL Total Metals	TCLP RCRA 8 Metal	PFAS 1633	PFAS 537 ID	8270 PCB screen	Total Hg Total Mercury	Total Solids			
X	X														
X															
X										X	X	X			
X	X														
X	X														
X															
X															
X															
	X														

Dissolved Metals Samples
[ ] Field Filtered
[ ] Lab to Filter

Orthophosphate Samples
[ ] Field Filtered
[ ] Lab to Filter

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] Container Codes:
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Comments: CAT B Deliverables

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
	10/16/25 1500
Received by: (signature) Sample Fridge	Date/Time: 10/16/25 1500
Relinquished by: (signature)	Date/Time: 10-17-25/1055
Received by: (signature)	Date/Time: 10/17/25 1055
Relinquished by: (signature)	Date/Time: 10/17/25 1800
Received by: (signature)	Date/Time: 10/17 2220

Program & Regulatory Information
[ ] AWQ STDS [ ] NY TOGS
[ ] NYC Sewer Discharge [ ] NY CP-51
[ ] Part 360 GW (Landfill)
[ ] NY Restricted Use
[ ] NY Unrestricted Use
[ ] NY Part 375
Other:

Deliverables
[ ] Enhanced Data Package
[ ] NYSDEC EQuIS EDD
[ ] EQuIS (Standard) EDD
[ ] NY Regulatory EDD
[ ] NY Regs Hits-Only EDD
Other:

NELAC and AIHA-LAP, LLC Accredited

Project Entity
[ ] Government [ ] Municipality [ ] MWRA [ ] WRTA
[ ] Federal [ ] 21 J [ ] School
[ ] City [ ] Brownfield [ ] MBTA

Other
[ ] Chromatogram
[ ] AIHA-LAP,LLC

PCB ONLY
[ ] Soxhlet
[ ] Non Soxhlet

10/16 3:00 Ryanga 2.1 / 1.5 10/18/25 0345

Table of Contents

ENV-FRM-ELON-0001 v09_Sample Receiving Checklist

Log In Back-Sheet

Client Labella / EAR

Project DEC-Glenhead 22-26

MCP/RCP Required N/A

Deliverable Package Requirement CAT B

Location Former Fresh + Clean Laundry

PWSID# (When Applicable) N/A

Arrival Method:

Courier ☑ Fed Ex ☐ Walk In ☐ Other ☐

Received By / Date / Time RL / 10.18.25 / 0345

Back-Sheet By / Date / Time RL / 10.18.25 / 1230

Temperature Method gun # 7

WV samples: Yes (see note*) / (No) follow normal procedure)

Temp < 6° C Actual Temperature 2.1, 1.5

Rush Samples: Yes / (No) Notify

Short Hold: Yes / (No) Notify

Notes regarding Samples/COC outside of SOP:

VOA Vials for Sample #1, 2, 3, 6, 7, and 8 had Sample ID's written on bags but not on the Containers

Sample Receipt Checklist – (Rejection Criteria Listing – Using Acceptance Policy)
Any False statement will be brought to the attention of the Client – True or False

	True	False
Received on Ice	☑	☐
Received in Cooler	☑	☐
Custody Seal: DATE TIME	☐	☑
COC Relinquished	☑	☐
COC/Samples Labels Agree (RL)	☐	☑
All Samples in Good Condition	☑	☐
Samples Received within Holding Time	☑	☐
Is there enough Volume	☑	☐
Proper Media/Container Used	☑	☐
Splitting Samples Required	☐	☑
MS/MSD	☐	☑
Trip Blanks	☑	☐
Lab to Filters	☐	☑
COC Legible	☑	☐

COC Included: (Check all included)

Client ☑ Analysis ☑ Sampler Name ☑

Project ☑ IDs ☑ Collection Date/Time ☑

All Samples Proper pH: (N/A)		☐	☐
Samples Chlorinated: (N/A)		☐	☐

Additional Container Notes

**Note: West Virginia requires all samples to have their temperature taken. Note any outliers.*

	Soils				Ambers Glass								Plastics											Vials							Other
	16 (oz)	8 (oz)	4 (oz)	2 (oz)	1L			250mL				100 (mL)	1L		500mL		250mL						80 (mL)	Other	VOA 40mL					20mL		
	C / A	C / A	C / A	C / A	Unp.	HCl	H_2SO_4	Unp.	Phos.	HCl	H_2SO_4	Unp.	Unp.	H_2SO_4	Unp.	H_2SO_4	Unp.	Triz	H_2SO_4	HNO_3	Amm. Ace	NaOH /Zn	Unp.	Bac/ Col	Unp.	HCl	MeOH	DI	$NaHSO_4$	Unp.	HCl	
1																							1				1		2		
2																											1		2		
3		1		1																			2				1		2		
4																										3					
5																										3					
6																							1				1		2		
7																							1				1		2		
8																							1				1		2		
9																										3					
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19																															
20																															

ANALYTICAL REPORT

Lab Number:	L2566850
Client:	Pace New England 39 Spruce St. East Longmeadow, MA 01028
ATTN:	Kyle Murray
Phone:	(413) 525-2332
Project Name:	25J1233
Project Number:	25J1233
Report Date:	10/31/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 25J1233
Project Number: 25J1233

Lab Number: L2566850
Report Date: 10/31/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2566850-01	WASTE-CHARACTERIZATION_SOIL	SOIL	Not Specified	10/16/25 09:48	10/22/25

Project Name:	25J1233	**Lab Number:**	L2566850
Project Number:	25J1233	**Report Date:**	10/31/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: 25J1233 **Lab Number:** L2566850
Project Number: 25J1233 **Report Date:** 10/31/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

The Total Solids results were supplied to the laboratory upon receipt.

Total Metals

L2566850-01: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cristin Walker Cristin Walker

Title: Technical Director/Representative Date: 10/31/25

METALS

Project Name: 25J1233 **Lab Number:** L2566850

Project Number: 25J1233 **Report Date:** 10/31/25

SAMPLE RESULTS

Lab ID: L2566850-01 Date Collected: 10/16/25 09:48

Client ID: WASTE-CHARACTERIZATION_SOIL Date Received: 10/22/25

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	800		mg/kg	8.77	2.85	2	10/29/25 10:13	10/31/25 08:38	EPA 3050B	1,6010D	MRP
Antimony, Total	ND		mg/kg	4.39	3.38	2	10/29/25 10:13	10/31/25 08:38	EPA 3050B	1,6010D	MRP
Arsenic, Total	0.588	J	mg/kg	0.877	0.379	2	10/29/25 10:13	10/31/25 08:38	EPA 3050B	1,6010D	MRP
Barium, Total	5.53		mg/kg	0.877	0.093	2	10/29/25 10:13	10/31/25 08:38	EPA 3050B	1,6010D	MRP
Beryllium, Total	0.080	J	mg/kg	0.439	0.048	2	10/29/25 10:13	10/31/25 08:38	EPA 3050B	1,6010D	MRP
Cadmium, Total	ND		mg/kg	0.877	0.048	2	10/29/25 10:13	10/31/25 08:38	EPA 3050B	1,6010D	MRP
Calcium, Total	372		mg/kg	8.77	4.97	2	10/29/25 10:13	10/31/25 08:38	EPA 3050B	1,6010D	MRP
Chromium, Total	5.18		mg/kg	0.877	0.744	2	10/29/25 10:13	10/31/25 08:38	EPA 3050B	1,6010D	MRP
Cobalt, Total	0.887	J	mg/kg	1.75	0.218	2	10/29/25 10:13	10/31/25 08:38	EPA 3050B	1,6010D	MRP
Copper, Total	2.23		mg/kg	0.877	0.199	2	10/29/25 10:13	10/31/25 08:38	EPA 3050B	1,6010D	MRP
Iron, Total	3200		mg/kg	4.39	0.921	2	10/29/25 10:13	10/31/25 08:38	EPA 3050B	1,6010D	MRP
Lead, Total	1.24	J	mg/kg	4.39	0.209	2	10/29/25 10:13	10/31/25 08:38	EPA 3050B	1,6010D	MRP
Magnesium, Total	216		mg/kg	8.77	1.43	2	10/29/25 10:13	10/31/25 08:38	EPA 3050B	1,6010D	MRP
Manganese, Total	63.2		mg/kg	0.877	0.470	2	10/29/25 10:13	10/31/25 08:38	EPA 3050B	1,6010D	MRP
Mercury, Total	ND		mg/kg	0.079	0.051	1	10/29/25 15:13	10/30/25 19:11	EPA 7471B	1,7471B	RDB
Nickel, Total	1.90	J	mg/kg	2.19	0.709	2	10/29/25 10:13	10/31/25 08:38	EPA 3050B	1,6010D	MRP
Potassium, Total	160	J	mg/kg	219	44.5	2	10/29/25 10:13	10/31/25 08:38	EPA 3050B	1,6010D	MRP
Selenium, Total	ND		mg/kg	1.75	0.289	2	10/29/25 10:13	10/31/25 08:38	EPA 3050B	1,6010D	MRP
Silver, Total	ND		mg/kg	0.439	0.261	2	10/29/25 10:13	10/31/25 08:38	EPA 3050B	1,6010D	MRP
Sodium, Total	ND		mg/kg	175	93.0	2	10/29/25 10:13	10/31/25 08:38	EPA 3050B	1,6010D	MRP
Thallium, Total	ND		mg/kg	1.75	0.791	2	10/29/25 10:13	10/31/25 08:38	EPA 3050B	1,6010D	MRP
Vanadium, Total	3.46		mg/kg	0.877	0.132	2	10/29/25 10:13	10/31/25 08:38	EPA 3050B	1,6010D	MRP
Zinc, Total	4.59		mg/kg	4.39	0.532	2	10/29/25 10:13	10/31/25 08:38	EPA 3050B	1,6010D	MRP

Project Name: 25J1233 **Lab Number:** L2566850

Project Number: 25J1233 **Report Date:** 10/31/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG2134006-1										
Aluminum, Total	ND		mg/kg	4.00	1.30	1	10/29/25 10:13	10/31/25 06:45	1,6010D	MRP
Antimony, Total	ND		mg/kg	2.00	1.54	1	10/29/25 10:13	10/31/25 06:45	1,6010D	MRP
Arsenic, Total	ND		mg/kg	0.400	0.173	1	10/29/25 10:13	10/31/25 06:45	1,6010D	MRP
Barium, Total	ND		mg/kg	0.400	0.042	1	10/29/25 10:13	10/31/25 06:45	1,6010D	MRP
Beryllium, Total	ND		mg/kg	0.200	0.022	1	10/29/25 10:13	10/31/25 06:45	1,6010D	MRP
Cadmium, Total	ND		mg/kg	0.400	0.022	1	10/29/25 10:13	10/31/25 06:45	1,6010D	MRP
Calcium, Total	ND		mg/kg	4.00	2.27	1	10/29/25 10:13	10/31/25 06:45	1,6010D	MRP
Chromium, Total	ND		mg/kg	0.400	0.339	1	10/29/25 10:13	10/31/25 06:45	1,6010D	MRP
Cobalt, Total	ND		mg/kg	0.800	0.099	1	10/29/25 10:13	10/31/25 06:45	1,6010D	MRP
Copper, Total	ND		mg/kg	0.400	0.091	1	10/29/25 10:13	10/31/25 06:45	1,6010D	MRP
Iron, Total	0.936	J	mg/kg	2.00	0.420	1	10/29/25 10:13	10/31/25 06:45	1,6010D	MRP
Lead, Total	ND		mg/kg	2.00	0.095	1	10/29/25 10:13	10/31/25 06:45	1,6010D	MRP
Magnesium, Total	ND		mg/kg	4.00	0.652	1	10/29/25 10:13	10/31/25 06:45	1,6010D	MRP
Manganese, Total	ND		mg/kg	0.400	0.214	1	10/29/25 10:13	10/31/25 06:45	1,6010D	MRP
Nickel, Total	ND		mg/kg	1.00	0.323	1	10/29/25 10:13	10/31/25 06:45	1,6010D	MRP
Potassium, Total	ND		mg/kg	100	20.3	1	10/29/25 10:13	10/31/25 06:45	1,6010D	MRP
Selenium, Total	ND		mg/kg	0.800	0.132	1	10/29/25 10:13	10/31/25 06:45	1,6010D	MRP
Silver, Total	ND		mg/kg	0.200	0.119	1	10/29/25 10:13	10/31/25 06:45	1,6010D	MRP
Sodium, Total	ND		mg/kg	80.0	42.4	1	10/29/25 10:13	10/31/25 06:45	1,6010D	MRP
Thallium, Total	ND		mg/kg	0.800	0.361	1	10/29/25 10:13	10/31/25 06:45	1,6010D	MRP
Vanadium, Total	ND		mg/kg	0.400	0.060	1	10/29/25 10:13	10/31/25 06:45	1,6010D	MRP
Zinc, Total	ND		mg/kg	2.00	0.242	1	10/29/25 10:13	10/31/25 06:45	1,6010D	MRP

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG2134007-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	10/29/25 15:13	10/30/25 18:22	1,7471B	RDB

Project Name: 25J1233
Project Number: 25J1233

Lab Number: L2566850
Report Date: 10/31/25

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 25J1233
Project Number: 25J1233

Lab Number: L2566850
Report Date: 10/31/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2134006-2								
Aluminum, Total	110		-		80-120	-		20
Antimony, Total	104		-		80-120	-		20
Arsenic, Total	104		-		80-120	-		20
Barium, Total	111		-		80-120	-		20
Beryllium, Total	110		-		80-120	-		20
Cadmium, Total	104		-		80-120	-		20
Calcium, Total	104		-		80-120	-		20
Chromium, Total	104		-		80-120	-		20
Cobalt, Total	105		-		80-120	-		20
Copper, Total	108		-		80-120	-		20
Iron, Total	109		-		80-120	-		20
Lead, Total	111		-		80-120	-		20
Magnesium, Total	104		-		80-120	-		20
Manganese, Total	106		-		80-120	-		20
Nickel, Total	105		-		80-120	-		20
Potassium, Total	114		-		80-120	-		20
Selenium, Total	106		-		80-120	-		20
Silver, Total	105		-		80-120	-		20
Sodium, Total	109		-		80-120	-		20
Thallium, Total	112		-		80-120	-		20
Vanadium, Total	110		-		80-120	-		20

Table of Contents

Lab Control Sample Analysis
Batch Quality Control

Project Name: 25J1233
Project Number: 25J1233

Lab Number: L2566850
Report Date: 10/31/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2134006-2					
Zinc, Total	102	-	80-120	-	20
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2134007-2					
Mercury, Total	109	-	80-120	-	20

INORGANICS
&
MISCELLANEOUS

Project Name: 25J1233
Project Number: 25J1233

Lab Number: L2566850
Report Date: 10/31/25

SAMPLE RESULTS

Lab ID: L2566850-01
Client ID: WASTE-CHARACTERIZATION_SOIL
Sample Location: Not Specified

Date Collected: 10/16/25 09:48
Date Received: 10/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.4		%	0.100	NA	1	-		121,2540G	

Project Name: 25J1233
Project Number: 25J1233

Lab Number: L2566850
Report Date: 10/31/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2566850-01A	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),ZN-TI(180),SB-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)

*Values in parentheses indicate holding time in days

Table of Contents

Project Name:	25J1233	**Lab Number:**	L2566850
Project Number:	25J1233	**Report Date:**	10/31/25

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	25J1233	**Lab Number:**	L2566850
Project Number:	25J1233	**Report Date:**	10/31/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	25J1233	**Lab Number:**	L2566850
Project Number:	25J1233	**Report Date:**	10/31/25

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 25J1233 **Lab Number:** L2566850

Project Number: 25J1233 **Report Date:** 10/31/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D.**

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn**. EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn**. EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

SUBCONTRACT CHAIN OF CUSTODY

Pace New England

25J1233

SENDING LABORATORY:

Pace New England
[illegible]
East Longmeadow, MA 01028
Phone: [illegible]
[illegible]
[illegible]

RECEIVING LABORATORY:

Pace Analytical Services - Westborough - MA
8 Walkup Drive
Westborough, MA 01581
Phone: (508) 898-9220
Fax: (508) 898-9193

L2566850
CONTEST – METALS

Project Location: New York

Analysis	Sample Name	Due	Expires	Comments
Sample ID: 25J1233-03 Waste Characterization Soil	Soil	Sampled: 10/16/25 09:48		CAT B
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]				
[illegible]				

Relinquished By: [signature] Date: 10/17/25 Received By: [signature] Date: 10.22.25 16:

Relinquished By: [signature] Date: 10/22/25 18: Received By: [signature] Date: 10/22/25 1800

Sample Delivery Group Summary

Pace Job Number : L2566850

Account Name : Pace New England
Project Number : 25J1233
Project Name : 25J1233

Received : 22-OCT-2025
Reviewer : Mohammed Wahed

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	2.9	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

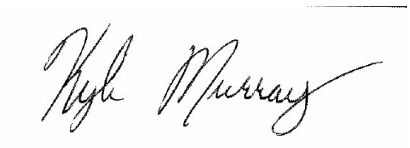
November 5, 2025

Joseph Jones
NYDEC_Environmental Assessment & Remediation
225 Atlantic Avenue
Patchogue, NY 11772

Project Location: Fresh & Clean
Client Job Number:
Project Number: 130111
Laboratory Work Order Number: 25J1756

Enclosed are results of analyses for samples as received by the laboratory on October 24, 2025. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kyle A. Murray
Project Manager

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Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

NYDEC_Environmental Assessment & Remediation
225 Atlantic Avenue
Patchogue, NY 11772
ATTN: Joseph Jones

REPORT DATE: 11/5/2025

PURCHASE ORDER NUMBER: 152705

PROJECT NUMBER: 130111

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 25J1756

The results of analyses performed on the following samples submitted to Pace Analytical Services, LLC - East Longmeadow, Ma, are found in this report.

PROJECT LOCATION: Fresh & Clean

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
GW Waste Characterization	25J1756-01	Ground Water		SW-846 8082A	
				SW-846 8260D	
				SW-846 8270E	
				varies	M-MA-086/CT PH-0826/NY11148

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8260D

Qualifications:

V-05

Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Analyte & Samples(s) Qualified:

Bromomethane
25J1756-01[GW Waste Characterization], B416343-BLK1, B416343-BS1, B416343-BSD1, S127873-CCV1

Chloroethane
25J1756-01[GW Waste Characterization], B416343-BLK1, B416343-BS1, B416343-BSD1, S127873-CCV1

Naphthalene
25J1756-01[GW Waste Characterization], B416343-BLK1, B416343-BS1, B416343-BSD1, S127873-CCV1

SW-846 8270E

Qualifications:

D-01

Sample extracted/prepared at a dilution due to sample matrix.

Analyte & Samples(s) Qualified:

25J1756-01[GW Waste Characterization]

L-04

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

Caprolactam
25J1756-01[GW Waste Characterization], B416206-BLK1, B416206-BS1, B416206-BSD1

L-07

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:

Hexachloroethane
B416206-BS1

L-07A

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD outside of control limits. Reduced precision anticipated for any reported result for this compound.

Analyte & Samples(s) Qualified:

Hexachlorobutadiene
B416206-BS1

R-05

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

Analyte & Samples(s) Qualified:

Hexachlorobutadiene
B416206-BSD1

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

The results of analyses reported only relate to samples submitted to Pace Analytical Services, LLC - East Longmeadow, Ma, for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Lisa A. Worthington
Technical Representative

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Fresh & Clean | Sample Description: | Work Order: 25J1756

Date Received: 10/24/2025

Field Sample #: GW Waste Characterization | Sampled: 10/22/2025 13:50

Sample ID: 25J1756-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	5.4	50	1.9	µg/L	1	J	SW-846 8260D	10/28/25	10/31/25 0:42	LBD
Benzene	ND	1.0	0.19	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
Bromochloromethane	ND	1.0	0.34	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
Bromoform	ND	1.0	0.32	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
Bromomethane	ND	5.0	0.91	µg/L	1	V-05	SW-846 8260D	10/28/25	10/31/25 0:42	LBD
2-Butanone (MEK)	ND	20	1.5	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
sec-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
tert-Butylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
Carbon Disulfide	ND	5.0	1.6	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
Carbon Tetrachloride	ND	5.0	0.18	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
Chlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
Chlorodibromomethane	ND	0.50	0.12	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
Chloroethane	ND	2.0	0.43	µg/L	1	V-05	SW-846 8260D	10/28/25	10/31/25 0:42	LBD
Chloroform	ND	2.0	0.14	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
Chloromethane	ND	2.0	0.39	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
Cyclohexane	ND	5.0	1.3	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.62	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
1,2-Dibromoethane (EDB)	ND	0.50	0.12	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
1,4-Dichlorobenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.23	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
1,1-Dichloroethane	ND	1.0	0.19	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
1,2-Dichloroethane	ND	1.0	0.28	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
1,1-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
cis-1,2-Dichloroethylene	ND	1.0	0.19	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
trans-1,2-Dichloroethylene	ND	1.0	0.19	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
1,2-Dichloropropane	ND	1.0	0.20	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
trans-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
Ethylbenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
2-Hexanone (MBK)	ND	10	1.2	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
Isopropylbenzene (Cumene)	ND	1.0	0.16	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.14	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
Methyl Acetate	ND	2.0	0.40	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.11	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
Methyl Cyclohexane	ND	1.0	0.17	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
Methylene Chloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	1.2	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
Naphthalene	ND	2.0	0.21	µg/L	1	V-05	SW-846 8260D	10/28/25	10/31/25 0:42	LBD
n-Propylbenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
Styrene	ND	1.0	0.16	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Fresh & Clean | Sample Description: | Work Order: 25J1756

Date Received: 10/24/2025

Field Sample #: GW Waste Characterization | Sampled: 10/22/2025 13:50

Sample ID: 25J1756-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	0.11	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
Tetrachloroethylene	1.7	1.0	0.15	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
1,2,3-Trichlorobenzene	ND	5.0	0.21	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
1,2,4-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
Trichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.16	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
1,2,3-Trichloropropane	ND	2.0	0.23	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.15	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
1,2,4-Trimethylbenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
1,3,5-Trimethylbenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
Vinyl Chloride	ND	2.0	0.22	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
m+p Xylene	ND	2.0	0.30	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
o-Xylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	10/28/25	10/31/25 0:42	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	96.9	70-130		10/31/25 0:42
Toluene-d8	99.3	70-130		10/31/25 0:42
4-Bromofluorobenzene	106	70-130		10/31/25 0:42

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Fresh & Clean | Sample Description: | Work Order: 25J1756

Date Received: 10/24/2025

Field Sample #: GW Waste Characterization | Sampled: 10/22/2025 13:50

Sample ID: 25J1756-01

Sample Matrix: Ground Water

Sample Flags: D-01

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2,3,4,6-Tetrachlorophenol	ND	45	11	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
Atrazine	ND	45	6.3	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
Benzaldehyde	ND	22	9.6	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
Biphenyl	ND	45	2.3	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
Caprolactam	ND	22	10	µg/L	2	L-04	SW-846 8270E	10/28/25	10/29/25 12:21	CRD
Acenaphthene	ND	11	2.0	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
Acenaphthylene	ND	11	1.7	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
Acetophenone	ND	22	1.6	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
Aniline	ND	45	29	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
Anthracene	ND	11	1.5	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
Benzo(a)anthracene	ND	11	1.4	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
Benzo(a)pyrene	ND	11	1.6	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
Benzo(b)fluoranthene	ND	11	1.4	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
Benzo(g,h,i)perylene	ND	11	1.9	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
Benzo(k)fluoranthene	ND	11	1.5	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
Bis(2-chloroethoxy)methane	ND	22	1.7	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
Bis(2-chloroethyl)ether	ND	22	1.9	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
2,2'-oxybis(1-Chloropropane)	ND	22	1.5	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
Bis(2-Ethylhexyl)phthalate	ND	22	4.9	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
4-Bromophenylphenylether	ND	22	1.7	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
Butylbenzylphthalate	ND	22	1.8	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
Carbazole	ND	22	1.5	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
4-Chloroaniline	ND	22	9.3	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
4-Chloro-3-methylphenol	ND	22	5.6	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
2-Chloronaphthalene	ND	22	1.7	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
2-Chlorophenol	ND	22	1.8	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
4-Chlorophenylphenylether	ND	22	1.9	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
Chrysene	ND	11	1.7	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
Dibenz(a,h)anthracene	ND	11	1.8	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
Dibenzofuran	ND	11	1.8	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
Di-n-butylphthalate	ND	22	11	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
3,3-Dichlorobenzidine	ND	22	7.8	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
2,4-Dichlorophenol	ND	22	5.1	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
Diethylphthalate	ND	22	3.8	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
2,4-Dimethylphenol	ND	22	1.5	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
Dimethylphthalate	ND	22	1.5	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
4,6-Dinitro-2-methylphenol	ND	45	5.9	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
2,4-Dinitrophenol	ND	45	7.4	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
2,4-Dinitrotoluene	ND	22	4.2	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
2,6-Dinitrotoluene	ND	22	4.1	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
Di-n-octylphthalate	ND	22	6.8	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
Fluoranthene	ND	11	1.8	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
Fluorene	ND	11	1.6	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
Hexachlorobenzene	ND	22	1.7	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Fresh & Clean | Sample Description: | Work Order: 25J1756

Date Received: 10/24/2025

Field Sample #: GW Waste Characterization | Sampled: 10/22/2025 13:50

Sample ID: 25J1756-01

Sample Matrix: Ground Water

Sample Flags: D-01

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	22	11	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
Hexachlorocyclopentadiene	ND	22	10	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
Hexachloroethane	ND	22	11	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
Indeno(1,2,3-cd)pyrene	ND	11	1.8	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
Isophorone	ND	22	2.0	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
1-Methylnaphthalene	ND	11	2.2	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
2-Methylnaphthalene	ND	11	2.0	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
2-Methylphenol	ND	22	1.6	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
3/4-Methylphenol	ND	22	4.8	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
Naphthalene	ND	11	2.1	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
2-Nitroaniline	ND	22	7.3	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
3-Nitroaniline	ND	22	5.8	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
4-Nitroaniline	ND	22	5.3	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
Nitrobenzene	ND	22	2.1	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
2-Nitrophenol	ND	22	6.4	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
4-Nitrophenol	ND	22	2.8	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
N-Nitrosodiphenylamine/Diphenylamine	ND	22	1.3	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
N-Nitrosodi-n-propylamine	ND	22	5.2	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
Pentachlorophenol	ND	22	7.7	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
Phenanthrene	ND	11	1.6	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
Phenol	ND	22	3.4	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
Pyrene	ND	11	1.4	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
Pyridine	ND	45	16	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
1,2,4,5-Tetrachlorobenzene	ND	22	2.3	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
2,4,5-Trichlorophenol	ND	22	1.8	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD
2,4,6-Trichlorophenol	ND	22	1.4	µg/L	2		SW-846 8270E	10/28/25	10/29/25 12:21	CRD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	41.0	15-110		10/29/25 12:21
Phenol-d6	28.9	15-110		10/29/25 12:21
Nitrobenzene-d5	67.7	30-130		10/29/25 12:21
2-Fluorobiphenyl	65.8	30-130		10/29/25 12:21
2,4,6-Tribromophenol	71.2	15-110		10/29/25 12:21
p-Terphenyl-d14	76.8	30-130		10/29/25 12:21

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Fresh & Clean | Sample Description: | Work Order: 25J1756

Date Received: 10/24/2025

Field Sample #: GW Waste Characterization | Sampled: 10/22/2025 13:50

Sample ID: 25J1756-01

Sample Matrix: Ground Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.19	0.12	µg/L	1		SW-846 8082A	10/27/25	10/28/25 11:53	SFM
Aroclor-1221 [1]	ND	0.19	0.11	µg/L	1		SW-846 8082A	10/27/25	10/28/25 11:53	SFM
Aroclor-1232 [1]	ND	0.19	0.080	µg/L	1		SW-846 8082A	10/27/25	10/28/25 11:53	SFM
Aroclor-1242 [1]	ND	0.19	0.096	µg/L	1		SW-846 8082A	10/27/25	10/28/25 11:53	SFM
Aroclor-1248 [1]	ND	0.19	0.087	µg/L	1		SW-846 8082A	10/27/25	10/28/25 11:53	SFM
Aroclor-1254 [1]	ND	0.19	0.094	µg/L	1		SW-846 8082A	10/27/25	10/28/25 11:53	SFM
Aroclor-1260 [1]	ND	0.19	0.10	µg/L	1		SW-846 8082A	10/27/25	10/28/25 11:53	SFM
Aroclor-1262 [1]	ND	0.19	0.082	µg/L	1		SW-846 8082A	10/27/25	10/28/25 11:53	SFM
Aroclor-1268 [1]	ND	0.19	0.089	µg/L	1		SW-846 8082A	10/27/25	10/28/25 11:53	SFM

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	86.4	30-150		10/28/25 11:53
Decachlorobiphenyl [2]	84.5	30-150		10/28/25 11:53
Tetrachloro-m-xylene [1]	94.0	30-150		10/28/25 11:53
Tetrachloro-m-xylene [2]	89.6	30-150		10/28/25 11:53

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Fresh & Clean | Sample Description: | Work Order: 25J1756

Date Received: 10/24/2025

Field Sample #: GW Waste Characterization | Sampled: 10/22/2025 13:50

Sample ID: 25J1756-01

Sample Matrix: Ground Water

Total Metals - Mansfield Lab

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum, Total	1.90	0.100	0.0318	mg/l	1		6010D	10/30/25	11/4/25 10:11	LRS
Mercury, Total	0.00018	0.00020	0.00009	mg/l	1	J	7470A	10/30/25	11/3/25 10:11	JWN
Antimony, Total	0.0090	0.0500	0.0071	mg/l	1	J	6010D	10/30/25	11/4/25 10:11	LRS
Arsenic, Total	ND	0.0050	0.0019	mg/l	1	U	6010D	10/30/25	11/4/25 10:11	LRS
Barium, Total	0.0729	0.0100	0.0021	mg/l	1		6010D	10/30/25	11/4/25 10:11	LRS
Beryllium, Total	ND	0.0050	0.0009	mg/l	1	U	6010D	10/30/25	11/4/25 10:11	LRS
Cadmium, Total	ND	0.0050	0.0010	mg/l	1	U	6010D	10/30/25	11/4/25 10:11	LRS
Calcium, Total	27.5	0.100	0.0350	mg/l	1		6010D	10/30/25	11/4/25 10:11	LRS
Chromium, Total	0.0056	0.0100	0.0021	mg/l	1	J	6010D	10/30/25	11/4/25 10:11	LRS
Cobalt, Total	0.0023	0.0200	0.0017	mg/l	1	J	6010D	10/30/25	11/4/25 10:11	LRS
Copper, Total	0.0064	0.0100	0.0022	mg/l	1	J	6010D	10/30/25	11/4/25 10:11	LRS
Iron, Total	4.90	0.0500	0.0090	mg/l	1		6010D	10/30/25	11/4/25 10:11	LRS
Lead, Total	0.0062	0.0100	0.0027	mg/l	1	J	6010D	10/30/25	11/4/25 10:11	LRS
Magnesium, Total	5.66	0.100	0.0153	mg/l	1		6010D	10/30/25	11/4/25 10:11	LRS
Manganese, Total	0.330	0.0100	0.0016	mg/l	1		6010D	10/30/25	11/4/25 10:11	LRS
Nickel, Total	0.0116	0.0250	0.0024	mg/l	1	J	6010D	10/30/25	11/4/25 10:11	LRS
Potassium, Total	4.88	2.50	0.237	mg/l	1		6010D	10/30/25	11/4/25 10:11	LRS
Selenium, Total	ND	0.0100	0.0035	mg/l	1	U	6010D	10/30/25	11/4/25 10:11	LRS
Silver, Total	ND	0.0070	0.0028	mg/l	1	U	6010D	10/30/25	11/4/25 10:11	LRS
Sodium, Total	43.3	2.00	0.120	mg/l	1		6010D	10/30/25	11/4/25 10:11	LRS
Thallium, Total	ND	0.0200	0.0025	mg/l	1	U	6010D	10/30/25	11/4/25 10:11	LRS
Vanadium, Total	0.0036	0.0100	0.0020	mg/l	1	J	6010D	10/30/25	11/4/25 10:11	LRS
Zinc, Total	0.0438	0.0500	0.0021	mg/l	1	J	6010D	10/30/25	11/4/25 10:11	LRS

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method:EPA 3005A **Analytical Method:6010D**
Media :

Lab Number [Field ID]	Batch	Initial [ml]	Final [ml]	Date
25J1756-01 [GW Waste Characterization]	WG2134886	50	50	10/30/25

Prep Method:EPA 7470A **Analytical Method:7470A**
Media :

Lab Number [Field ID]	Batch	Initial [ml]	Final [ml]	Date
25J1756-01 [GW Waste Characterization]	WG2134901	25	25	10/30/25

Sample Extraction Data

Prep Method:SW-846 3510C **Analytical Method:SW-846 8082A**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
25J1756-01 [GW Waste Characterization]	B416183	103	2.00	10/27/25

Prep Method:SW-846 5030B **Analytical Method:SW-846 8260D**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
25J1756-01 [GW Waste Characterization]	B416343	5	5.00	10/28/25

Prep Method:SW-846 3510C **Analytical Method:SW-846 8270E**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
25J1756-01 [GW Waste Characterization]	B416206	89.2	1.00	10/28/25

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B416343 - SW-846 5030B										
Blank (B416343-BLK1)				Prepared: 10/29/25 Analyzed: 10/31/25						
Acetone	ND	50	µg/L							
Benzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							V-05
2-Butanone (MEK)	ND	20	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
Carbon Disulfide	ND	5.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							V-05
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
Cyclohexane	ND	5.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl Acetate	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methyl Cyclohexane	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							V-05
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B416343 - SW-846 5030B											
Blank (B416343-BLK1)				Prepared: 10/29/25 Analyzed: 10/31/25							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L								
1,2,3-Trichloropropane	ND	2.0	µg/L								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L								
1,2,4-Trimethylbenzene	ND	1.0	µg/L								
1,3,5-Trimethylbenzene	ND	1.0	µg/L								
Vinyl Chloride	ND	2.0	µg/L								
m+p Xylene	ND	2.0	µg/L								
o-Xylene	ND	1.0	µg/L								
Xylenes (total)	ND	1.0	µg/L								
Surrogate: 1,2-Dichloroethane-d4	*25.0*		µg/L	25.00		100	70-130				
Surrogate: Toluene-d8	*24.8*		µg/L	25.00		99.4	70-130				
Surrogate: 4-Bromofluorobenzene	*25.8*		µg/L	25.00		103	70-130				
LCS (B416343-BS1)				Prepared: 10/29/25 Analyzed: 10/30/25							
Acetone	97.2	50	µg/L	100.0		97.2	70-160				†
Benzene	9.59	1.0	µg/L	10.00		95.9	70-130				
Bromochloromethane	8.86	1.0	µg/L	10.00		88.6	70-130				
Bromodichloromethane	10.5	0.50	µg/L	10.00		105	70-130				
Bromoform	10.4	1.0	µg/L	10.00		104	70-130				
Bromomethane	7.07	2.0	µg/L	10.00		70.7	40-160			V-05	†
2-Butanone (MEK)	111	20	µg/L	100.0		111	40-160				†
n-Butylbenzene	9.47	1.0	µg/L	10.00		94.7	70-130				
sec-Butylbenzene	9.17	1.0	µg/L	10.00		91.7	70-130				
tert-Butylbenzene	9.55	1.0	µg/L	10.00		95.5	70-130				
Carbon Disulfide	82.8	5.0	µg/L	100.0		82.8	70-130				
Carbon Tetrachloride	8.85	5.0	µg/L	10.00		88.5	70-130				
Chlorobenzene	10.3	1.0	µg/L	10.00		103	70-130				
Chlorodibromomethane	10.6	0.50	µg/L	10.00		106	70-130				
Chloroethane	7.74	2.0	µg/L	10.00		77.4	70-130			V-05	
Chloroform	9.46	2.0	µg/L	10.00		94.6	70-130				
Chloromethane	11.8	2.0	µg/L	10.00		118	40-160				†
Cyclohexane	9.66	5.0	µg/L	10.00		96.6	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	9.53	5.0	µg/L	10.00		95.3	70-130				
1,2-Dibromoethane (EDB)	11.1	0.50	µg/L	10.00		111	70-130				
1,2-Dichlorobenzene	9.69	1.0	µg/L	10.00		96.9	70-130				
1,3-Dichlorobenzene	9.62	1.0	µg/L	10.00		96.2	70-130				
1,4-Dichlorobenzene	9.26	1.0	µg/L	10.00		92.6	70-130				
Dichlorodifluoromethane (Freon 12)	10.5	2.0	µg/L	10.00		105	40-160				†
1,1-Dichloroethane	9.43	1.0	µg/L	10.00		94.3	70-130				
1,2-Dichloroethane	9.13	1.0	µg/L	10.00		91.3	70-130				
1,1-Dichloroethylene	8.42	1.0	µg/L	10.00		84.2	70-130				
cis-1,2-Dichloroethylene	9.53	1.0	µg/L	10.00		95.3	70-130				
trans-1,2-Dichloroethylene	9.36	1.0	µg/L	10.00		93.6	70-130				
1,2-Dichloropropane	10.7	1.0	µg/L	10.00		107	70-130				
cis-1,3-Dichloropropene	9.80	0.50	µg/L	10.00		98.0	70-130				
trans-1,3-Dichloropropene	10.4	0.50	µg/L	10.00		104	70-130				
Ethylbenzene	10.2	1.0	µg/L	10.00		102	70-130				
2-Hexanone (MBK)	130	10	µg/L	100.0		130	70-160				†
Isopropylbenzene (Cumene)	9.87	1.0	µg/L	10.00		98.7	70-130				
p-Isopropyltoluene (p-Cymene)	9.49	1.0	µg/L	10.00		94.9	70-130				
Methyl Acetate	8.92	1.0	µg/L	10.00		89.2	70-130				
Methyl tert-Butyl Ether (MTBE)	9.47	1.0	µg/L	10.00		94.7	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B416343 - SW-846 5030B											
LCS (B416343-BS1)				Prepared: 10/29/25 Analyzed: 10/30/25							
Methyl Cyclohexane	9.99	1.0	µg/L	10.00		99.9	70-130				
Methylene Chloride	7.88	5.0	µg/L	10.00		78.8	70-130				
4-Methyl-2-pentanone (MIBK)	118	10	µg/L	100.0		118	70-160				†
Naphthalene	8.94	2.0	µg/L	10.00		89.4	40-130			V-05	†
n-Propylbenzene	10.0	1.0	µg/L	10.00		100	70-130				
Styrene	10.3	1.0	µg/L	10.00		103	70-130				
1,1,2,2-Tetrachloroethane	10.2	0.50	µg/L	10.00		102	70-130				
Tetrachloroethylene	11.6	1.0	µg/L	10.00		116	70-130				
Toluene	10.5	1.0	µg/L	10.00		105	70-130				
1,2,3-Trichlorobenzene	9.77	5.0	µg/L	10.00		97.7	70-130				
1,2,4-Trichlorobenzene	10.3	1.0	µg/L	10.00		103	70-130				
1,1,1-Trichloroethane	9.48	1.0	µg/L	10.00		94.8	70-130				
1,1,2-Trichloroethane	10.5	1.0	µg/L	10.00		105	70-130				
Trichloroethylene	10.9	1.0	µg/L	10.00		109	70-130				
Trichlorofluoromethane (Freon 11)	8.69	2.0	µg/L	10.00		86.9	70-130				
1,2,3-Trichloropropane	10.4	2.0	µg/L	10.00		104	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.34	1.0	µg/L	10.00		83.4	70-130				
1,2,4-Trimethylbenzene	9.63	1.0	µg/L	10.00		96.3	70-130				
1,3,5-Trimethylbenzene	9.83	1.0	µg/L	10.00		98.3	70-130				
Vinyl Chloride	8.81	2.0	µg/L	10.00		88.1	40-160				†
m+p Xylene	19.6	2.0	µg/L	20.00		98.2	70-130				
o-Xylene	10.2	1.0	µg/L	10.00		102	70-130				
Xylenes (total)	29.8	1.0	µg/L	30.00		99.4	0-200				
Surrogate: 1,2-Dichloroethane-d4	*25.0*		µg/L	25.00		99.8	70-130				
Surrogate: Toluene-d8	*25.2*		µg/L	25.00		101	70-130				
Surrogate: 4-Bromofluorobenzene	*26.6*		µg/L	25.00		106	70-130				
LCS Dup (B416343-BSD1)				Prepared: 10/29/25 Analyzed: 10/30/25							
Acetone	94.1	50	µg/L	100.0		94.1	70-160	3.16	25		†
Benzene	9.63	1.0	µg/L	10.00		96.3	70-130	0.416	25		
Bromochloromethane	8.99	1.0	µg/L	10.00		89.9	70-130	1.46	25		
Bromodichloromethane	10.6	0.50	µg/L	10.00		106	70-130	0.951	25		
Bromoform	10.2	1.0	µg/L	10.00		102	70-130	1.74	25		
Bromomethane	6.38	2.0	µg/L	10.00		63.8	40-160	10.3	25	V-05	†
2-Butanone (MEK)	103	20	µg/L	100.0		103	40-160	7.47	25		†
n-Butylbenzene	9.55	1.0	µg/L	10.00		95.5	70-130	0.841	25		
sec-Butylbenzene	9.24	1.0	µg/L	10.00		92.4	70-130	0.760	25		
tert-Butylbenzene	9.60	1.0	µg/L	10.00		96.0	70-130	0.522	25		
Carbon Disulfide	85.2	5.0	µg/L	100.0		85.2	70-130	2.89	25		
Carbon Tetrachloride	9.28	5.0	µg/L	10.00		92.8	70-130	4.74	25		
Chlorobenzene	10.3	1.0	µg/L	10.00		103	70-130	0.486	25		
Chlorodibromomethane	10.3	0.50	µg/L	10.00		103	70-130	2.97	25		
Chloroethane	8.17	2.0	µg/L	10.00		81.7	70-130	5.41	25	V-05	
Chloroform	9.63	2.0	µg/L	10.00		96.3	70-130	1.78	25		
Chloromethane	11.6	2.0	µg/L	10.00		116	40-160	1.71	25		†
Cyclohexane	9.86	5.0	µg/L	10.00		98.6	70-130	2.05	25		
1,2-Dibromo-3-chloropropane (DBCP)	8.70	5.0	µg/L	10.00		87.0	70-130	9.11	25		
1,2-Dibromoethane (EDB)	10.7	0.50	µg/L	10.00		107	70-130	4.13	25		
1,2-Dichlorobenzene	9.64	1.0	µg/L	10.00		96.4	70-130	0.517	25		
1,3-Dichlorobenzene	9.59	1.0	µg/L	10.00		95.9	70-130	0.312	25		
1,4-Dichlorobenzene	9.28	1.0	µg/L	10.00		92.8	70-130	0.216	25		
Dichlorodifluoromethane (Freon 12)	10.8	2.0	µg/L	10.00		108	40-160	2.64	25		†

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B416343 - SW-846 5030B											
LCS Dup (B416343-BSD1)				Prepared: 10/29/25 Analyzed: 10/30/25							
1,1-Dichloroethane	9.51	1.0	µg/L	10.00		95.1	70-130	0.845	25		
1,2-Dichloroethane	9.30	1.0	µg/L	10.00		93.0	70-130	1.84	25		
1,1-Dichloroethylene	8.54	1.0	µg/L	10.00		85.4	70-130	1.42	25		
cis-1,2-Dichloroethylene	9.42	1.0	µg/L	10.00		94.2	70-130	1.16	25		
trans-1,2-Dichloroethylene	9.52	1.0	µg/L	10.00		95.2	70-130	1.69	25		
1,2-Dichloropropane	10.4	1.0	µg/L	10.00		104	70-130	2.85	25		
cis-1,3-Dichloropropene	9.72	0.50	µg/L	10.00		97.2	70-130	0.820	25		
trans-1,3-Dichloropropene	10.0	0.50	µg/L	10.00		100	70-130	3.82	25		
Ethylbenzene	10.5	1.0	µg/L	10.00		105	70-130	2.31	25		
2-Hexanone (MBK)	120	10	µg/L	100.0		120	70-160	8.05	25		†
Isopropylbenzene (Cumene)	10.1	1.0	µg/L	10.00		101	70-130	2.70	25		
p-Isopropyltoluene (p-Cymene)	9.62	1.0	µg/L	10.00		96.2	70-130	1.36	25		
Methyl Acetate	8.64	1.0	µg/L	10.00		86.4	70-130	3.19	25		
Methyl tert-Butyl Ether (MTBE)	9.22	1.0	µg/L	10.00		92.2	70-130	2.68	25		
Methyl Cyclohexane	10.5	1.0	µg/L	10.00		105	70-130	4.60	25		
Methylene Chloride	7.97	5.0	µg/L	10.00		79.7	70-130	1.14	25		
4-Methyl-2-pentanone (MIBK)	112	10	µg/L	100.0		112	70-160	4.83	25		†
Naphthalene	7.48	2.0	µg/L	10.00		74.8	40-130	17.8	25	V-05	†
n-Propylbenzene	10.3	1.0	µg/L	10.00		103	70-130	2.26	25		
Styrene	10.3	1.0	µg/L	10.00		103	70-130	0.680	25		
1,1,2,2-Tetrachloroethane	9.96	0.50	µg/L	10.00		99.6	70-130	2.67	25		
Tetrachloroethylene	11.8	1.0	µg/L	10.00		118	70-130	1.72	25		
Toluene	10.5	1.0	µg/L	10.00		105	70-130	0.0954	25		
1,2,3-Trichlorobenzene	8.37	5.0	µg/L	10.00		83.7	70-130	15.4	25		
1,2,4-Trichlorobenzene	9.57	1.0	µg/L	10.00		95.7	70-130	7.06	25		
1,1,1-Trichloroethane	9.82	1.0	µg/L	10.00		98.2	70-130	3.52	25		
1,1,2-Trichloroethane	10.2	1.0	µg/L	10.00		102	70-130	2.79	25		
Trichloroethylene	11.3	1.0	µg/L	10.00		113	70-130	3.24	25		
Trichlorofluoromethane (Freon 11)	8.64	2.0	µg/L	10.00		86.4	70-130	0.577	25		
1,2,3-Trichloropropane	10.1	2.0	µg/L	10.00		101	70-130	2.44	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.72	1.0	µg/L	10.00		87.2	70-130	4.45	25		
1,2,4-Trimethylbenzene	9.49	1.0	µg/L	10.00		94.9	70-130	1.46	25		
1,3,5-Trimethylbenzene	10.0	1.0	µg/L	10.00		100	70-130	1.81	25		
Vinyl Chloride	9.29	2.0	µg/L	10.00		92.9	40-160	5.30	25		†
m+p Xylene	20.1	2.0	µg/L	20.00		100	70-130	2.17	25		
o-Xylene	10.4	1.0	µg/L	10.00		104	70-130	1.85	25		
Xylenes (total)	30.4	1.0	µg/L	30.00		101	0-200	2.06			
Surrogate: 1,2-Dichloroethane-d4	*25.2*		µg/L	25.00		101	70-130				
Surrogate: Toluene-d8	*25.2*		µg/L	25.00		101	70-130				
Surrogate: 4-Bromofluorobenzene	*26.7*		µg/L	25.00		107	70-130				

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B416206 - SW-846 3510C										
Blank (B416206-BLK1)				Prepared: 10/28/25 Analyzed: 10/29/25						
2,3,4,6-Tetrachlorophenol	ND	20	µg/L							
Atrazine	ND	20	µg/L							
Benzaldehyde	ND	10	µg/L							
Biphenyl	ND	20	µg/L							
Caprolactam	ND	10	µg/L							L-04
Acenaphthene	ND	5.0	µg/L							
Acenaphthylene	ND	5.0	µg/L							
Acetophenone	ND	10	µg/L							
Aniline	ND	20	µg/L							
Anthracene	ND	5.0	µg/L							
Benzo(a)anthracene	ND	5.0	µg/L							
Benzo(a)pyrene	ND	5.0	µg/L							
Benzo(b)fluoranthene	ND	5.0	µg/L							
Benzo(g,h,i)perylene	ND	5.0	µg/L							
Benzo(k)fluoranthene	ND	5.0	µg/L							
Bis(2-chloroethoxy)methane	ND	10	µg/L							
Bis(2-chloroethyl)ether	ND	10	µg/L							
2,2'-oxybis(1-Chloropropane)	ND	10	µg/L							
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L							
4-Bromophenylphenylether	ND	10	µg/L							
Butylbenzylphthalate	ND	10	µg/L							
Carbazole	ND	10	µg/L							
4-Chloroaniline	ND	10	µg/L							
4-Chloro-3-methylphenol	ND	10	µg/L							
2-Chloronaphthalene	ND	10	µg/L							
2-Chlorophenol	ND	10	µg/L							
4-Chlorophenylphenylether	ND	10	µg/L							
Chrysene	ND	5.0	µg/L							
Dibenz(a,h)anthracene	ND	5.0	µg/L							
Dibenzofuran	ND	5.0	µg/L							
Di-n-butylphthalate	ND	10	µg/L							
3,3-Dichlorobenzidine	ND	10	µg/L							
2,4-Dichlorophenol	ND	10	µg/L							
Diethylphthalate	ND	10	µg/L							
2,4-Dimethylphenol	ND	10	µg/L							
Dimethylphthalate	ND	10	µg/L							
4,6-Dinitro-2-methylphenol	ND	20	µg/L							
2,4-Dinitrophenol	ND	20	µg/L							
2,4-Dinitrotoluene	ND	10	µg/L							
2,6-Dinitrotoluene	ND	10	µg/L							
Di-n-octylphthalate	ND	10	µg/L							
Fluoranthene	ND	5.0	µg/L							
Fluorene	ND	5.0	µg/L							
Hexachlorobenzene	ND	10	µg/L							
Hexachlorobutadiene	ND	10	µg/L							
Hexachlorocyclopentadiene	ND	10	µg/L							
Hexachloroethane	ND	10	µg/L							
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/L							
Isophorone	ND	10	µg/L							
1-Methylnaphthalene	ND	5.0	µg/L							
2-Methylnaphthalene	ND	5.0	µg/L							
2-Methylphenol	ND	10	µg/L							

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B416206 - SW-846 3510C											
Blank (B416206-BLK1)				Prepared: 10/28/25 Analyzed: 10/29/25							
3/4-Methylphenol	ND	10	µg/L								
Naphthalene	ND	5.0	µg/L								
2-Nitroaniline	ND	10	µg/L								
3-Nitroaniline	ND	10	µg/L								
4-Nitroaniline	ND	10	µg/L								
Nitrobenzene	ND	10	µg/L								
2-Nitrophenol	ND	10	µg/L								
4-Nitrophenol	ND	10	µg/L								
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L								
N-Nitrosodi-n-propylamine	ND	10	µg/L								
Pentachlorophenol	ND	10	µg/L								
Phenanthrene	ND	5.0	µg/L								
Phenol	ND	10	µg/L								
Pyrene	ND	5.0	µg/L								
Pyridine	ND	20	µg/L								
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L								
2,4,5-Trichlorophenol	ND	10	µg/L								
2,4,6-Trichlorophenol	ND	10	µg/L								
Surrogate: 2-Fluorophenol	*168*		µg/L	400.0		41.9		15-110			
Surrogate: Phenol-d6	*115*		µg/L	400.0		28.8		15-110			
Surrogate: Nitrobenzene-d5	*142*		µg/L	200.0		70.8		30-130			
Surrogate: 2-Fluorobiphenyl	*128*		µg/L	200.0		64.1		30-130			
Surrogate: 2,4,6-Tribromophenol	*274*		µg/L	400.0		68.5		15-110			
Surrogate: p-Terphenyl-d14	*162*		µg/L	200.0		81.1		30-130			
LCS (B416206-BS1)				Prepared: 10/28/25 Analyzed: 10/29/25							
2,3,4,6-Tetrachlorophenol	74.8	20	µg/L	100.0		74.8		40-140			
Atrazine	78.4	20	µg/L	100.0		78.4		40-140			
Benzaldehyde	55.6	10	µg/L	100.0		55.6		40-140			
Biphenyl	69.8	20	µg/L	100.0		69.8		40-140			
Caprolactam	17.7	10	µg/L	100.0		**17.7**	*	40-140			L-04
Acenaphthene	67.7	5.0	µg/L	100.0		67.7		40-140			
Acenaphthylene	75.3	5.0	µg/L	100.0		75.3		40-140			
Acetophenone	67.3	10	µg/L	100.0		67.3		40-140			
Aniline	56.8	20	µg/L	100.0		56.8		40-140			
Anthracene	74.9	5.0	µg/L	100.0		74.9		40-140			
Benzo(a)anthracene	74.8	5.0	µg/L	100.0		74.8		40-140			
Benzo(a)pyrene	74.0	5.0	µg/L	100.0		74.0		40-140			
Benzo(b)fluoranthene	74.4	5.0	µg/L	100.0		74.4		40-140			
Benzo(g,h,i)perylene	74.5	5.0	µg/L	100.0		74.5		40-140			
Benzo(k)fluoranthene	76.7	5.0	µg/L	100.0		76.7		40-140			
Bis(2-chloroethoxy)methane	69.7	10	µg/L	100.0		69.7		40-140			
Bis(2-chloroethyl)ether	74.1	10	µg/L	100.0		74.1		40-140			
2,2'-oxybis(1-Chloropropane)	79.2	10	µg/L	100.0		79.2		40-140			
Bis(2-Ethylhexyl)phthalate	74.8	10	µg/L	100.0		74.8		40-140			
4-Bromophenylphenylether	71.1	10	µg/L	100.0		71.1		40-140			
Butylbenzylphthalate	80.7	10	µg/L	100.0		80.7		40-140			
Carbazole	76.1	10	µg/L	100.0		76.1		40-140			
4-Chloroaniline	68.8	10	µg/L	100.0		68.8		40-140			
4-Chloro-3-methylphenol	74.8	10	µg/L	100.0		74.8		30-130			
2-Chloronaphthalene	55.9	10	µg/L	100.0		55.9		40-140			
2-Chlorophenol	64.7	10	µg/L	100.0		64.7		30-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B416206 - SW-846 3510C												
LCS (B416206-BS1)				Prepared: 10/28/25 Analyzed: 10/29/25								
4-Chlorophenylphenylether	68.3	10	µg/L	100.0		68.3		40-140				
Chrysene	74.2	5.0	µg/L	100.0		74.2		40-140				
Dibenz(a,h)anthracene	71.3	5.0	µg/L	100.0		71.3		40-140				
Dibenzofuran	70.6	5.0	µg/L	100.0		70.6		40-140				
Di-n-butylphthalate	74.8	10	µg/L	100.0		74.8		40-140				
3,3-Dichlorobenzidine	85.4	10	µg/L	100.0		85.4		40-140				
2,4-Dichlorophenol	71.4	10	µg/L	100.0		71.4		30-130				
Diethylphthalate	72.6	10	µg/L	100.0		72.6		40-140				
2,4-Dimethylphenol	74.3	10	µg/L	100.0		74.3		30-130				
Dimethylphthalate	72.9	10	µg/L	100.0		72.9		40-140				
4,6-Dinitro-2-methylphenol	68.0	20	µg/L	100.0		68.0		30-130				
2,4-Dinitrophenol	65.9	20	µg/L	100.0		65.9		30-130				
2,4-Dinitrotoluene	72.6	10	µg/L	100.0		72.6		40-140				
2,6-Dinitrotoluene	78.3	10	µg/L	100.0		78.3		40-140				
Di-n-octylphthalate	70.1	10	µg/L	100.0		70.1		40-140				
Fluoranthene	73.6	5.0	µg/L	100.0		73.6		40-140				
Fluorene	72.3	5.0	µg/L	100.0		72.3		40-140				
Hexachlorobenzene	67.4	10	µg/L	100.0		67.4		40-140				
Hexachlorobutadiene	37.3	10	µg/L	100.0		**37.3**	*	40-140			L-07A	
Hexachlorocyclopentadiene	52.4	10	µg/L	100.0		52.4		30-140				†
Hexachloroethane	35.6	10	µg/L	100.0		**35.6**	*	40-140			L-07	
Indeno(1,2,3-cd)pyrene	71.2	5.0	µg/L	100.0		71.2		40-140				
Isophorone	80.6	10	µg/L	100.0		80.6		40-140				
1-Methylnaphthalene	59.8	5.0	µg/L	100.0		59.8		40-140				
2-Methylnaphthalene	54.8	5.0	µg/L	100.0		54.8		40-140				
2-Methylphenol	62.1	10	µg/L	100.0		62.1		30-130				
3/4-Methylphenol	62.8	10	µg/L	100.0		62.8		30-130				
Naphthalene	56.2	5.0	µg/L	100.0		56.2		40-140				
2-Nitroaniline	75.7	10	µg/L	100.0		75.7		40-140				
3-Nitroaniline	71.3	10	µg/L	100.0		71.3		40-140				
4-Nitroaniline	73.4	10	µg/L	100.0		73.4		40-140				
Nitrobenzene	70.8	10	µg/L	100.0		70.8		40-140				
2-Nitrophenol	68.8	10	µg/L	100.0		68.8		30-130				
4-Nitrophenol	47.0	10	µg/L	100.0		47.0		10-130				†
N-Nitrosodiphenylamine/Diphenylamine	75.9	10	µg/L	100.0		75.9		40-140				
N-Nitrosodi-n-propylamine	70.2	10	µg/L	100.0		70.2		40-140				
Pentachlorophenol	63.7	10	µg/L	100.0		63.7		30-130				
Phenanthrene	74.1	5.0	µg/L	100.0		74.1		40-140				
Phenol	37.1	10	µg/L	100.0		37.1		20-130				†
Pyrene	77.3	5.0	µg/L	100.0		77.3		40-140				
Pyridine	36.5	20	µg/L	100.0		36.5		10-140				†
1,2,4,5-Tetrachlorobenzene	58.7	10	µg/L	100.0		58.7		40-140				
2,4,5-Trichlorophenol	74.2	10	µg/L	100.0		74.2		30-130				
2,4,6-Trichlorophenol	72.8	10	µg/L	100.0		72.8		30-130				
Surrogate: 2-Fluorophenol	*221*		µg/L	400.0		55.3		15-110				
Surrogate: Phenol-d6	*161*		µg/L	400.0		40.2		15-110				
Surrogate: Nitrobenzene-d5	*164*		µg/L	200.0		82.1		30-130				
Surrogate: 2-Fluorobiphenyl	*153*		µg/L	200.0		76.7		30-130				
Surrogate: 2,4,6-Tribromophenol	*323*		µg/L	400.0		80.6		15-110				
Surrogate: p-Terphenyl-d14	*169*		µg/L	200.0		84.7		30-130				

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B416206 - SW-846 3510C												
LCS Dup (B416206-BSD1)				Prepared: 10/28/25 Analyzed: 10/29/25								
2,3,4,6-Tetrachlorophenol	78.8	20	µg/L	100.0		78.8		40-140	5.18	20		
Atrazine	84.0	20	µg/L	100.0		84.0		40-140	6.91	20		
Benzaldehyde	60.8	10	µg/L	100.0		60.8		40-140	9.01	20		
Biphenyl	76.8	20	µg/L	100.0		76.8		40-140	9.55	20		
Caprolactam	20.0	10	µg/L	100.0		**20.0**	*	40-140	12.1	20	L-04	
Acenaphthene	74.4	5.0	µg/L	100.0		74.4		40-140	9.47	20		
Acenaphthylene	81.3	5.0	µg/L	100.0		81.3		40-140	7.69	20		
Acetophenone	74.5	10	µg/L	100.0		74.5		40-140	10.1	20		
Aniline	62.1	20	µg/L	100.0		62.1		40-140	8.80	50		‡
Anthracene	80.7	5.0	µg/L	100.0		80.7		40-140	7.43	20		
Benzo(a)anthracene	82.4	5.0	µg/L	100.0		82.4		40-140	9.64	20		
Benzo(a)pyrene	79.4	5.0	µg/L	100.0		79.4		40-140	7.03	20		
Benzo(b)fluoranthene	80.7	5.0	µg/L	100.0		80.7		40-140	8.20	20		
Benzo(g,h,i)perylene	75.0	5.0	µg/L	100.0		75.0		40-140	0.642	20		
Benzo(k)fluoranthene	83.7	5.0	µg/L	100.0		83.7		40-140	8.69	20		
Bis(2-chloroethoxy)methane	76.7	10	µg/L	100.0		76.7		40-140	9.54	20		
Bis(2-chloroethyl)ether	80.8	10	µg/L	100.0		80.8		40-140	8.55	20		
2,2'-oxybis(1-Chloropropane)	85.8	10	µg/L	100.0		85.8		40-140	8.03	20		
Bis(2-Ethylhexyl)phthalate	83.5	10	µg/L	100.0		83.5		40-140	11.0	20		
4-Bromophenylphenylether	76.2	10	µg/L	100.0		76.2		40-140	6.84	20		
Butylbenzylphthalate	89.0	10	µg/L	100.0		89.0		40-140	9.78	20		
Carbazole	81.3	10	µg/L	100.0		81.3		40-140	6.63	20		
4-Chloroaniline	73.6	10	µg/L	100.0		73.6		40-140	6.72	20		
4-Chloro-3-methylphenol	80.5	10	µg/L	100.0		80.5		30-130	7.30	20		
2-Chloronaphthalene	62.4	10	µg/L	100.0		62.4		40-140	11.0	20		
2-Chlorophenol	72.8	10	µg/L	100.0		72.8		30-130	11.9	20		
4-Chlorophenylphenylether	73.7	10	µg/L	100.0		73.7		40-140	7.55	20		
Chrysene	81.6	5.0	µg/L	100.0		81.6		40-140	9.42	20		
Dibenz(a,h)anthracene	73.7	5.0	µg/L	100.0		73.7		40-140	3.20	20		
Dibenzofuran	75.8	5.0	µg/L	100.0		75.8		40-140	7.06	20		
Di-n-butylphthalate	81.2	10	µg/L	100.0		81.2		40-140	8.21	20		
3,3-Dichlorobenzidine	94.6	10	µg/L	100.0		94.6		40-140	10.2	20		
2,4-Dichlorophenol	79.5	10	µg/L	100.0		79.5		30-130	10.7	20		
Diethylphthalate	76.7	10	µg/L	100.0		76.7		40-140	5.41	20		
2,4-Dimethylphenol	80.7	10	µg/L	100.0		80.7		30-130	8.22	20		
Dimethylphthalate	79.1	10	µg/L	100.0		79.1		40-140	8.22	50		‡
4,6-Dinitro-2-methylphenol	78.6	20	µg/L	100.0		78.6		30-130	14.5	50		‡
2,4-Dinitrophenol	67.0	20	µg/L	100.0		67.0		30-130	1.55	50		‡
2,4-Dinitrotoluene	77.8	10	µg/L	100.0		77.8		40-140	6.94	20		
2,6-Dinitrotoluene	80.2	10	µg/L	100.0		80.2		40-140	2.41	20		
Di-n-octylphthalate	79.6	10	µg/L	100.0		79.6		40-140	12.6	20		
Fluoranthene	78.7	5.0	µg/L	100.0		78.7		40-140	6.74	20		
Fluorene	77.1	5.0	µg/L	100.0		77.1		40-140	6.32	20		
Hexachlorobenzene	74.2	10	µg/L	100.0		74.2		40-140	9.59	20		
Hexachlorobutadiene	46.4	10	µg/L	100.0		46.4		40-140	**21.8**	* 20	R-05	
Hexachlorocyclopentadiene	59.9	10	µg/L	100.0		59.9		30-140	13.4	50		† ‡
Hexachloroethane	43.4	10	µg/L	100.0		43.4		40-140	19.8	50		‡
Indeno(1,2,3-cd)pyrene	73.7	5.0	µg/L	100.0		73.7		40-140	3.35	50		‡
Isophorone	88.4	10	µg/L	100.0		88.4		40-140	9.19	20		
1-Methylnaphthalene	67.6	5.0	µg/L	100.0		67.6		40-140	12.2	20		
2-Methylnaphthalene	62.8	5.0	µg/L	100.0		62.8		40-140	13.6	20		
2-Methylphenol	67.8	10	µg/L	100.0		67.8		30-130	8.87	20		

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B416206 - SW-846 3510C										
LCS Dup (B416206-BSD1)				Prepared: 10/28/25 Analyzed: 10/29/25						
3/4-Methylphenol	68.9	10	µg/L	100.0		68.9	30-130	9.31	20	
Naphthalene	64.9	5.0	µg/L	100.0		64.9	40-140	14.4	20	
2-Nitroaniline	82.3	10	µg/L	100.0		82.3	40-140	8.40	20	
3-Nitroaniline	76.5	10	µg/L	100.0		76.5	40-140	7.10	20	
4-Nitroaniline	76.7	10	µg/L	100.0		76.7	40-140	4.43	20	
Nitrobenzene	79.5	10	µg/L	100.0		79.5	40-140	11.6	20	
2-Nitrophenol	77.3	10	µg/L	100.0		77.3	30-130	11.7	20	
4-Nitrophenol	48.0	10	µg/L	100.0		48.0	10-130	2.15	50	† ‡
N-Nitrosodiphenylamine/Diphenylamine	82.0	10	µg/L	100.0		82.0	40-140	7.75	20	
N-Nitrosodi-n-propylamine	77.9	10	µg/L	100.0		77.9	40-140	10.3	20	
Pentachlorophenol	69.1	10	µg/L	100.0		69.1	30-130	8.22	50	‡
Phenanthrene	80.1	5.0	µg/L	100.0		80.1	40-140	7.73	20	
Phenol	40.3	10	µg/L	100.0		40.3	20-130	8.06	20	†
Pyrene	85.6	5.0	µg/L	100.0		85.6	40-140	10.1	20	
Pyridine	40.5	20	µg/L	100.0		40.5	10-140	10.4	50	† ‡
1,2,4,5-Tetrachlorobenzene	67.3	10	µg/L	100.0		67.3	40-140	13.7	20	
2,4,5-Trichlorophenol	79.4	10	µg/L	100.0		79.4	30-130	6.71	20	
2,4,6-Trichlorophenol	78.9	10	µg/L	100.0		78.9	30-130	8.09	50	‡
Surrogate: 2-Fluorophenol	*221*		µg/L	400.0		55.2	15-110			
Surrogate: Phenol-d6	*162*		µg/L	400.0		40.6	15-110			
Surrogate: Nitrobenzene-d5	*170*		µg/L	200.0		84.9	30-130			
Surrogate: 2-Fluorobiphenyl	*155*		µg/L	200.0		77.7	30-130			
Surrogate: 2,4,6-Tribromophenol	*321*		µg/L	400.0		80.3	15-110			
Surrogate: p-Terphenyl-d14	*175*		µg/L	200.0		87.5	30-130			

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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B416183 - SW-846 3510C										
Blank (B416183-BLK1)				Prepared: 10/27/25 Analyzed: 10/28/25						
Aroclor-1016	ND	0.20	µg/L							
Aroclor-1016 [2C]	ND	0.20	µg/L							
Aroclor-1221	ND	0.20	µg/L							
Aroclor-1221 [2C]	ND	0.20	µg/L							
Aroclor-1232	ND	0.20	µg/L							
Aroclor-1232 [2C]	ND	0.20	µg/L							
Aroclor-1242	ND	0.20	µg/L							
Aroclor-1242 [2C]	ND	0.20	µg/L							
Aroclor-1248	ND	0.20	µg/L							
Aroclor-1248 [2C]	ND	0.20	µg/L							
Aroclor-1254	ND	0.20	µg/L							
Aroclor-1254 [2C]	ND	0.20	µg/L							
Aroclor-1260	ND	0.20	µg/L							
Aroclor-1260 [2C]	ND	0.20	µg/L							
Aroclor-1262	ND	0.20	µg/L							
Aroclor-1262 [2C]	ND	0.20	µg/L							
Aroclor-1268	ND	0.20	µg/L							
Aroclor-1268 [2C]	ND	0.20	µg/L							
Surrogate: Decachlorobiphenyl	*3.31*		µg/L	4.000		82.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	*3.37*		µg/L	4.000		84.3	30-150			
Surrogate: Tetrachloro-m-xylene	*2.46*		µg/L	4.000		61.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*2.32*		µg/L	4.000		57.9	30-150			
LCS (B416183-BS1)				Prepared: 10/27/25 Analyzed: 10/28/25						
Aroclor-1016	0.94	0.20	µg/L	1.000		94.5	40-140			
Aroclor-1016 [2C]	0.77	0.20	µg/L	1.000		77.4	40-140			
Aroclor-1260	0.92	0.20	µg/L	1.000		91.9	40-140			
Aroclor-1260 [2C]	0.88	0.20	µg/L	1.000		88.4	40-140			
Surrogate: Decachlorobiphenyl	*3.99*		µg/L	4.000		99.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	*4.07*		µg/L	4.000		102	30-150			
Surrogate: Tetrachloro-m-xylene	*2.76*		µg/L	4.000		69.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*2.61*		µg/L	4.000		65.1	30-150			
LCS Dup (B416183-BSD1)				Prepared: 10/27/25 Analyzed: 10/28/25						
Aroclor-1016	1.0	0.20	µg/L	1.000		99.6	40-140	5.24	20	
Aroclor-1016 [2C]	0.82	0.20	µg/L	1.000		81.8	40-140	5.42	20	
Aroclor-1260	0.99	0.20	µg/L	1.000		98.8	40-140	7.26	20	
Aroclor-1260 [2C]	0.94	0.20	µg/L	1.000		94.1	40-140	6.24	20	
Surrogate: Decachlorobiphenyl	*3.93*		µg/L	4.000		98.2	30-150			
Surrogate: Decachlorobiphenyl [2C]	*4.00*		µg/L	4.000		99.9	30-150			
Surrogate: Tetrachloro-m-xylene	*3.19*		µg/L	4.000		79.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*3.02*		µg/L	4.000		75.4	30-150			

Pace Analytical Services, LLC - East Longmeadow, Ma

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QUALITY CONTROL

Total Metals - Mansfield Lab - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch WG2134886 - EPA 3005A										
Blank (WG2134886-1)				Prepared: 10/30/25 Analyzed: 11/04/25						
Aluminum, Total	ND	0.100	mg/l				-			
Antimony, Total	ND	0.0500	mg/l				-			
Arsenic, Total	ND	0.0050	mg/l				-			
Barium, Total	ND	0.0100	mg/l				-			
Beryllium, Total	ND	0.0050	mg/l				-			
Cadmium, Total	ND	0.0050	mg/l				-			
Calcium, Total	ND	0.100	mg/l				-			
Chromium, Total	ND	0.0100	mg/l				-			
Cobalt, Total	ND	0.0200	mg/l				-			
Copper, Total	ND	0.0100	mg/l				-			
Iron, Total	ND	0.0500	mg/l				-			
Lead, Total	ND	0.0100	mg/l				-			
Magnesium, Total	ND	0.100	mg/l				-			
Manganese, Total	ND	0.0100	mg/l				-			
Nickel, Total	ND	0.0250	mg/l				-			
Potassium, Total	ND	2.50	mg/l				-			
Selenium, Total	ND	0.0100	mg/l				-			
Silver, Total	ND	0.0070	mg/l				-			
Sodium, Total	ND	2.00	mg/l				-			
Thallium, Total	ND	0.0200	mg/l				-			
Vanadium, Total	ND	0.0100	mg/l				-			
Zinc, Total	ND	0.0500	mg/l				-			
LCS (WG2134886-2)				Prepared: 10/30/25 Analyzed: 11/04/25						
Aluminum, Total	1.97	.1	mg/l	2		98	80-120			
Antimony, Total	0.445	.05	mg/l	.5		89	80-120			
Arsenic, Total	0.119	.005	mg/l	.12		99	80-120			
Barium, Total	1.92	.01	mg/l	2		96	80-120			
Beryllium, Total	0.0478	.005	mg/l	.05		96	80-120			
Cadmium, Total	0.0484	.005	mg/l	.053		91	80-120			
Calcium, Total	9.35	.1	mg/l	10		94	80-120			
Chromium, Total	0.184	.01	mg/l	.2		92	80-120			
Cobalt, Total	0.458	.02	mg/l	.5		92	80-120			
Copper, Total	0.228	.01	mg/l	.25		91	80-120			
Iron, Total	0.943	.05	mg/l	1		94	80-120			
Lead, Total	0.507	.01	mg/l	.53		96	80-120			
Magnesium, Total	8.94	.1	mg/l	10		89	80-120			
Manganese, Total	0.475	.01	mg/l	.5		95	80-120			
Nickel, Total	0.462	.025	mg/l	.5		92	80-120			
Potassium, Total	10.3	2.5	mg/l	10		103	80-120			
Selenium, Total	0.121	.01	mg/l	.12		101	80-120			
Silver, Total	0.0467	.007	mg/l	.05		93	80-120			
Sodium, Total	10.2	2	mg/l	10		102	80-120			
Thallium, Total	0.117	.02	mg/l	.12		98	80-120			
Vanadium, Total	0.474	.01	mg/l	.5		95	80-120			
Zinc, Total	0.468	.05	mg/l	.5		94	80-120			

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QUALITY CONTROL

Total Metals - Mansfield Lab - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch WG2134901 - EPA 7470A										
Blank (WG2134901-1)				Prepared: 10/30/25 Analyzed: 11/03/25						
Mercury, Total	0.00013	0.00020	mg/l				-			J
LCS (WG2134901-2)				Prepared: 10/30/25 Analyzed: 11/03/25						
Mercury, Total	0.00110	.0002	mg/l	.001		111	80-120			

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B416183-BS1 Date(s) Analyzed: 10/28/2025 10/28/2025

Instrument ID (1): ECD11 Instrument ID (2): ECD11

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	0.000	0.000	0.94	
	2	0.000	0.000	0.000	0.77	20.9
Aroclor-1260	1	0.000	0.000	0.000	0.92	
	2	0.000	0.000	0.000	0.88	4.4

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B416183-BSD1 Date(s) Analyzed: 10/28/2025 10/28/2025

Instrument ID (1): ECD11 Instrument ID (2): ECD11

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	0.000	0.000	1.0	
	2	0.000	0.000	0.000	0.82	19.8
Aroclor-1260	1	0.000	0.000	0.000	0.99	
	2	0.000	0.000	0.000	0.94	5.2

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
D-01	Sample extracted/prepared at a dilution due to sample matrix.
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).
L-04	Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
L-07A	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD outside of control limits. Reduced precision anticipated for any reported result for this compound.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Water	
Aroclor-1016	CT,NH,NY,NC,ME,VA,NJ,PA
Aroclor-1016 [2C]	CT,NH,NY,NC,ME,VA,NJ,PA
Aroclor-1221	CT,NH,NY,NC,ME,VA,NJ,PA
Aroclor-1221 [2C]	CT,NH,NY,NC,ME,VA,NJ,PA
Aroclor-1232	CT,NH,NY,NC,ME,VA,NJ,PA
Aroclor-1232 [2C]	CT,NH,NY,NC,ME,VA,NJ,PA
Aroclor-1242	CT,NH,NY,NC,ME,VA,NJ,PA
Aroclor-1242 [2C]	CT,NH,NY,NC,ME,VA,NJ,PA
Aroclor-1248	CT,NH,NY,NC,ME,VA,NJ,PA
Aroclor-1248 [2C]	CT,NH,NY,NC,ME,VA,NJ,PA
Aroclor-1254	CT,NH,NY,NC,ME,VA,NJ,PA
Aroclor-1254 [2C]	CT,NH,NY,NC,ME,VA,NJ,PA
Aroclor-1260	CT,NH,NY,NC,ME,VA,NJ,PA
Aroclor-1260 [2C]	CT,NH,NY,NC,ME,VA,NJ,PA
Aroclor-1262	NH,NY,NC,ME,VA,NJ,PA
Aroclor-1262 [2C]	NH,NY,NC,ME,VA,NJ,PA
Aroclor-1268	NH,NY,NC,ME,VA,NJ,PA
Aroclor-1268 [2C]	NH,NY,NC,ME,VA,NJ,PA
SW-846 8260D in Water	
Acetone	CT,ME,NH,VA,NY,NJ
Benzene	CT,ME,NH,VA,NY,NJ
Bromochloromethane	ME,NH,VA,NY,NJ
Bromodichloromethane	CT,ME,NH,VA,NY,NJ
Bromoform	CT,ME,NH,VA,NY,NJ
Bromomethane	CT,ME,NH,VA,NY,NJ
2-Butanone (MEK)	CT,ME,NH,VA,NY,NJ
n-Butylbenzene	ME,VA,NY,NJ
sec-Butylbenzene	ME,VA,NY,NJ
tert-Butylbenzene	ME,VA,NY,NJ
Carbon Disulfide	CT,ME,NH,VA,NY,NJ
Carbon Tetrachloride	CT,ME,NH,VA,NY,NJ
Chlorobenzene	CT,ME,NH,VA,NY,NJ
Chlorodibromomethane	CT,ME,NH,VA,NY,NJ
Chloroethane	CT,ME,NH,VA,NY,NJ
Chloroform	CT,ME,NH,VA,NY,NJ
Chloromethane	CT,ME,NH,VA,NY,NJ
Cyclohexane	ME,NY,NJ
1,2-Dibromo-3-chloropropane (DBCP)	ME,NY,NJ
1,2-Dibromoethane (EDB)	ME,NY,NJ
1,2-Dichlorobenzene	CT,ME,NH,VA,NY,NJ
1,3-Dichlorobenzene	CT,ME,NH,VA,NY,NJ
1,4-Dichlorobenzene	CT,ME,NH,VA,NY,NJ
Dichlorodifluoromethane (Freon 12)	ME,NH,VA,NY,NJ
1,1-Dichloroethane	CT,ME,NH,VA,NY,NJ
1,2-Dichloroethane	CT,ME,NH,VA,NY,NJ
1,1-Dichloroethylene	CT,ME,NH,VA,NY,NJ

Pace Analytical Services, LLC - East Longmeadow, Ma

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Water	
cis-1,2-Dichloroethylene	ME,NY,NJ
trans-1,2-Dichloroethylene	CT,ME,NH,VA,NY,NJ
1,2-Dichloropropane	CT,ME,NH,VA,NY,NJ
cis-1,3-Dichloropropene	CT,ME,NH,VA,NY,NJ
trans-1,3-Dichloropropene	CT,ME,NH,VA,NY,NJ
Ethylbenzene	CT,ME,NH,VA,NY,NJ
Hexachlorobutadiene	CT,ME,NH,VA,NY,NJ
2-Hexanone (MBK)	CT,ME,NH,VA,NY,NJ
Isopropylbenzene (Cumene)	ME,VA,NY,NJ
p-Isopropyltoluene (p-Cymene)	CT,ME,NH,VA,NY,NJ
Methyl Acetate	ME,NY,NJ
Methyl tert-Butyl Ether (MTBE)	CT,ME,NH,VA,NY,NJ
Methyl Cyclohexane	NY,NJ
Methylene Chloride	CT,ME,NH,VA,NY,NJ
4-Methyl-2-pentanone (MIBK)	CT,ME,NH,VA,NY,NJ
Naphthalene	ME,NH,VA,NY,NJ
n-Propylbenzene	CT,ME,NH,VA,NY,NJ
Styrene	CT,ME,NH,VA,NY,NJ
1,1,2,2-Tetrachloroethane	CT,ME,NH,VA,NY,NJ
Tetrachloroethylene	CT,ME,NH,VA,NY,NJ
Toluene	CT,ME,NH,VA,NY,NJ
1,2,3-Trichlorobenzene	ME,NH,VA,NY,NJ
1,2,4-Trichlorobenzene	CT,ME,NH,VA,NY,NJ
1,1,1-Trichloroethane	CT,ME,NH,VA,NY,NJ
1,1,2-Trichloroethane	CT,ME,NH,VA,NY,NJ
Trichloroethylene	CT,ME,NH,VA,NY,NJ
Trichlorofluoromethane (Freon 11)	CT,ME,NH,VA,NY,NJ
1,2,3-Trichloropropane	ME,NH,VA,NY,NJ
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	VA,NY,NJ
1,2,4-Trimethylbenzene	ME,VA,NY,NJ
1,3,5-Trimethylbenzene	ME,VA,NY,NJ
Vinyl Chloride	CT,ME,NH,VA,NY,NJ
m+p Xylene	CT,ME,NH,VA,NY,NJ
o-Xylene	CT,ME,NH,VA,NY,NJ
Xylenes (total)	ME,NY,NJ
SW-846 8270E in Water	
Acenaphthene	CT,NY,NC,ME,NH,VA
Acenaphthylene	CT,NY,NC,ME,NH,VA
Acetophenone	NY,NC
Aniline	CT,NY,NC,ME,VA
Anthracene	CT,NY,NC,ME,NH,VA
Benzo(a)anthracene	CT,NY,NC,ME,NH,VA
Benzo(a)pyrene	CT,NY,NC,ME,NH,VA
Benzo(b)fluoranthene	CT,NY,NC,ME,NH,VA
Benzo(g,h,i)perylene	CT,NY,NC,ME,NH,VA
Benzo(k)fluoranthene	CT,NY,NC,ME,NH,VA

Pace Analytical Services, LLC - East Longmeadow, Ma

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270E in Water	
Bis(2-chloroethoxy)methane	CT,NY,NC,ME,NH,VA
Bis(2-chloroethyl)ether	CT,NY,NC,ME,NH,VA
2,2'-oxybis(1-Chloropropane)	CT,NY,NC,ME,NH,VA
Bis(2-Ethylhexyl)phthalate	CT,NY,NC,ME,NH,VA
4-Bromophenylphenylether	CT,NY,NC,ME,NH,VA
Butylbenzylphthalate	CT,NY,NC,ME,NH,VA
Carbazole	NC
4-Chloroaniline	CT,NY,NC,ME,NH,VA
4-Chloro-3-methylphenol	CT,NY,NC,ME,NH,VA
2-Chloronaphthalene	CT,NY,NC,ME,NH,VA
2-Chlorophenol	CT,NY,NC,ME,NH,VA
4-Chlorophenylphenylether	CT,NY,NC,ME,NH,VA
Chrysene	CT,NY,NC,ME,NH,VA
Dibenz(a,h)anthracene	CT,NY,NC,ME,NH,VA
Dibenzofuran	CT,NY,NC,ME,NH,VA
Di-n-butylphthalate	CT,NY,NC,ME,NH,VA
1,2-Dichlorobenzene	CT,NY,NC,ME,NH,VA
1,3-Dichlorobenzene	CT,NY,NC,ME,NH,VA
1,4-Dichlorobenzene	CT,NY,NC,ME,NH,VA
3,3-Dichlorobenzidine	CT,NY,NC,ME,NH,VA
2,4-Dichlorophenol	CT,NY,NC,ME,NH,VA
Diethylphthalate	CT,NY,NC,ME,NH,VA
2,4-Dimethylphenol	CT,NY,NC,ME,NH,VA
Dimethylphthalate	NC
4,6-Dinitro-2-methylphenol	CT,NY,NC,ME,NH,VA
2,4-Dinitrophenol	CT,NY,NC,ME,NH,VA
2,4-Dinitrotoluene	CT,NY,NC,ME,NH,VA
2,6-Dinitrotoluene	CT,NY,NC,ME,NH,VA
Di-n-octylphthalate	CT,NY,NC,ME,NH,VA
Fluoranthene	CT,NY,NC,ME,NH,VA
Fluorene	NY,NC,ME,NH,VA
Hexachlorobenzene	CT,NY,NC,ME,NH,VA
Hexachlorobutadiene	CT,NY,NC,ME,NH,VA
Hexachlorocyclopentadiene	CT,NY,NC,ME,NH,VA
Hexachloroethane	CT,NY,NC,ME,NH,VA
Indeno(1,2,3-cd)pyrene	CT,NY,NC,ME,NH,VA
Isophorone	CT,NY,NC,ME,NH,VA
1-Methylnaphthalene	NC
2-Methylnaphthalene	CT,NY,NC,ME,NH,VA
2-Methylphenol	CT,NY,NC,NH,VA
3/4-Methylphenol	CT,NY,NC,NH,VA
Naphthalene	CT,NY,NC,ME,NH,VA
2-Nitroaniline	CT,NY,NC,ME,NH,VA
3-Nitroaniline	CT,NY,NC,ME,NH,VA
4-Nitroaniline	CT,NY,NC,ME,NH,VA
Nitrobenzene	CT,NY,NC,ME,NH,VA
2-Nitrophenol	CT,NY,NC,ME,NH,VA

Pace Analytical Services, LLC - East Longmeadow, Ma

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270E in Water	
4-Nitrophenol	CT,NY,NC,ME,NH,VA
N-Nitrosodi-n-propylamine	CT,NY,NC,ME,NH,VA
Pentachlorophenol	CT,NY,NC,ME,NH,VA
Phenanthrene	CT,NY,NC,ME,NH,VA
Phenol	CT,NY,NC,ME,NH,VA
Pyrene	CT,NY,NC,ME,NH,VA
Pyridine	CT,NY,NC,ME,NH,VA
1,2,4,5-Tetrachlorobenzene	NY,NC
1,2,4-Trichlorobenzene	CT,NY,NC,ME,NH,VA
2,4,5-Trichlorophenol	CT,NY,NC,ME,NH,VA
2,4,6-Trichlorophenol	CT,NY,NC,ME,NH,VA
2-Fluorophenol	NC

Pace Analytical Services, LLC - East Longmeadow, Ma, operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Department of Public Health	PH-0821	12/31/2026
NY	New York State Department of Health	10899 NELAP	04/1/2026
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2026
NC	North Carolina Div. of Water Quality	652	12/31/2025
NJ	New Jersey DEP	MA007 NELAP	06/30/2026
ME	State of Maine	MA00100	06/9/2027
VA	Commonwealth of Virginia	460217	12/14/2025
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2026

25J1756

Pace Analytical

Phone: 413-525-2332
39 Spruce St
East Longmeadow, MA 01028

https://www.pacelabs.com/

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Page _____ of _____

CHAIN OF CUSTODY RECORD (New York)

Contact: https://www.pacelabs.com/contact-us/contact-environmental-sciences/

Company Name: NYS DEC | Consultant: EAR
Consultant Address: 225 Atlantic Ave, Patchogue, NY
Consultant Phone: 631-447-6400
Callout Project Name: DEC-GLENHEAD22-26
Project Location: Fresh & Clean
Callout Number: 152705
Site/Spill Number: 13011
Project Manager: T. Vicale
Pace Analytical Quote Name/Number:
Invoice Recipient:
Sampled By:

Requested Turnaround Time
DEC Standard 30-calendar day
Due Date:

Rush (Prior Approval Required)
1-Day ☐ 2-Day ☐ 3-Day ☐
4-Day ☐ 5-Day ☐ 10-Day ☒

Data Delivery
Format: PDF ☒ EXCEL ☒
Other: EDD
CLP Like (Level 4) Data Pkg Required: ☐
Email To: vicale@enviro-asmnt.com; mann@enviro-asmnt.com
Fax To #: salvitti@enviro-asmnt.com

Pace Analytical Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	8260: DER TCL / Oxygenates / CP-51	8270: DER TCL / CP-51	1,4-Dioxane SIM | 8082 PCBs	8081 Pesticide | 8151 Herbicide	TAL Total Metals | TCLP RCRA 8 Metals	PFAS 1633 | PFAS 537 ID	PCB-8082-RVT	8270-RVT 8270TCL-SIM-RVT	Total Hg Total Metals	# of Containers	[2] Preservation Code	[3] Container Code
	GW Waste Characterization	10/22/25	1350	x		GW	FV	X						X	X	X	3	H	A
																	2	I	A
																	1	N	P

ANALYSIS REQUESTED (Circle Requested Analyses/Reporting List)

Dissolved Metals Samples
☐ Field Filtered
☐ Lab to Filter

Orthophosphate Samples
☐ Field Filtered
☐ Lab to Filter

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] **Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Comments:
Cat A deliverables

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

	Date/Time:
Relinquished by: (signature)	10/23/25 1500
Received by: (signature) DAR Fed Ex	10/23/25 1500
Relinquished by: (signature)	10/23/25 8:15
Received by: (signature) ICS (Pace)	10/23/25 815A
Relinquished by: (signature) ICS (NYSC)	10/23/25 1135A
Received by: (signature)	10/23/25 1130

Program & Regulatory Information
☐ AWQ STDS ☐ NY TOGS
☐ NYC Sewer Discharge ☐ NY CP-51
☐ Part 360 GW (Landfill)
☐ NY Restricted Use
☐ NY Unrestricted Use
☐ NY Part 375
Other:

Deliverables
☐ Enhanced Data Package
☐ NYSDEC EQuIS EDD
☐ EQuIS (Standard) EDD
☐ NY Regulatory EDD
☐ NY Regs Hits-Only EDD
Other:
NELAC and AIHA-LAP, LLC Accredited

Project Entity
☐ Government ☐ Municipality ☐ MWRA ☐ WRTA
☐ Federal ☐ 21 J ☐ School
☐ City ☐ Brownfield ☐ MBTA

Other
☐ Chromatogram
☐ AIHA-LAP,LLC

PCB ONLY
☐ Soxhlet
☐ Non Soxhlet

2.8 4.6 10/24/25 400

ENV-FRM-ELON-0001 v09_Sample Receiving Checklist

Log In Back-Sheet

Client EAR

Project DEC - GLENHEAD 22-260

MCP/RCP Required N/A

Deliverable Package Requirement CAT A

Location NY

PWSID# (When Applicable) N/A

Arrival Method:

Courier ☑ Fed Ex ☐ Walk In ☐ Other ☐

Received By / Date / Time LA 10/24/25 0400

Back-Sheet By / Date / Time DS 10/24/25 0834

Temperature Method Gun # 6

WV samples: Yes (see note*) / No (follow normal procedure)

Temp ✓ < 6° C Actual Temperature 3.8, 4.6

Rush Samples: Yes / (No) Notify

Short Hold: Yes / (No) Notify

Notes regarding Samples/COC outside of SOP:

Sample Receipt Checklist – (Rejection Criteria Listing – Using Acceptance Policy)
Any False statement will be brought to the attention of the Client – True or False

	True	False
Received on Ice	☑	☐
Received in Cooler	☑	☐
Custody Seal: DATE TIME	☐	☑
COC Relinquished	☑	☐
COC/Samples Labels Agree	☑	☐
All Samples in Good Condition	☑	☐
Samples Received within Holding Time	☑	☐
Is there enough Volume	☑	☐
Proper Media/Container Used	☑	☐
Splitting Samples Required	☐	☑
MS/MSD	☐	☑
Trip Blanks	☐	☑
Lab to Filters	☐	☑
COC Legible	☑	☐

COC Included: (Check all included)

Client ☑ Analysis ☑ Sampler Name ☑

Project ☑ IDs ☑ Collection Date/Time ☑

All Samples Proper pH:	(N/A)	☐	☐
Samples Chlorinated:	(N/A)	☐	☐

Additional Container Notes

Note: West Virginia requires all samples to have their temperature taken. Note any outliers.

	Soils				Ambers Glass								Plastics											Vials							Other
	16 (oz)	8 (oz)	4 (oz)	2 (oz)	1L			250mL				100 (mL)	1L		500mL		250mL						80 (mL)	Other	VOA 40mL					20mL		
	C / A	C / A	C / A	C / A	Unp.	HCl	H_2SO_4	Unp.	Phos.	HCl	H_2SO_4	Unp.	Unp.	H_2SO_4	Unp.	H_2SO_4	Unp.	Triz	H_2SO_4	HNO_3	Amm. Ace	NaOH /Zn	Unp.	Bac/ Col	Unp.	HCl	MeOH	DI	$NaHSO_4$	Unp.	HCl	
1												4								1					3							
2																															
3																															
4																															
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ANALYTICAL REPORT

Lab Number:	L2568156
Client:	Pace New England 39 Spruce St. East Longmeadow, MA 01028
ATTN:	Kyle Murray
Phone:	(413) 525-2332
Project Name:	25J1756
Project Number:	25J1756
Report Date:	11/04/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 25J1756
Project Number: 25J1756

Lab Number: L2568156
Report Date: 11/04/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2568156-01	GW WASTE CHARACTERIZATION	WATER	Not Specified	10/22/25 13:50	10/28/25

Project Name:	25J1756	**Lab Number:**	L2568156
Project Number:	25J1756	**Report Date:**	11/04/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	25J1756	**Lab Number:**	L2568156
Project Number:	25J1756	**Report Date:**	11/04/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 11/04/25

METALS

Project Name: 25J1756 **Lab Number:** L2568156

Project Number: 25J1756 **Report Date:** 11/04/25

SAMPLE RESULTS

Lab ID: L2568156-01 Date Collected: 10/22/25 13:50

Client ID: GW WASTE CHARACTERIZATION Date Received: 10/28/25

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	1.90		mg/l	0.100	0.0318	1	10/30/25 11:23	11/04/25 10:11	EPA 3005A	1,6010D	LRS
Antimony, Total	0.0090	J	mg/l	0.0500	0.0071	1	10/30/25 11:23	11/04/25 10:11	EPA 3005A	1,6010D	LRS
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	10/30/25 11:23	11/04/25 10:11	EPA 3005A	1,6010D	LRS
Barium, Total	0.0729		mg/l	0.0100	0.0021	1	10/30/25 11:23	11/04/25 10:11	EPA 3005A	1,6010D	LRS
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	10/30/25 11:23	11/04/25 10:11	EPA 3005A	1,6010D	LRS
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	10/30/25 11:23	11/04/25 10:11	EPA 3005A	1,6010D	LRS
Calcium, Total	27.5		mg/l	0.100	0.0350	1	10/30/25 11:23	11/04/25 10:11	EPA 3005A	1,6010D	LRS
Chromium, Total	0.0056	J	mg/l	0.0100	0.0021	1	10/30/25 11:23	11/04/25 10:11	EPA 3005A	1,6010D	LRS
Cobalt, Total	0.0023	J	mg/l	0.0200	0.0017	1	10/30/25 11:23	11/04/25 10:11	EPA 3005A	1,6010D	LRS
Copper, Total	0.0064	J	mg/l	0.0100	0.0022	1	10/30/25 11:23	11/04/25 10:11	EPA 3005A	1,6010D	LRS
Iron, Total	4.90		mg/l	0.0500	0.0090	1	10/30/25 11:23	11/04/25 10:11	EPA 3005A	1,6010D	LRS
Lead, Total	0.0062	J	mg/l	0.0100	0.0027	1	10/30/25 11:23	11/04/25 10:11	EPA 3005A	1,6010D	LRS
Magnesium, Total	5.66		mg/l	0.100	0.0153	1	10/30/25 11:23	11/04/25 10:11	EPA 3005A	1,6010D	LRS
Manganese, Total	0.330		mg/l	0.0100	0.0016	1	10/30/25 11:23	11/04/25 10:11	EPA 3005A	1,6010D	LRS
Mercury, Total	0.00018	J	mg/l	0.00020	0.00009	1	10/30/25 12:30	11/03/25 10:11	EPA 7470A	1,7470A	JWN
Nickel, Total	0.0116	J	mg/l	0.0250	0.0024	1	10/30/25 11:23	11/04/25 10:11	EPA 3005A	1,6010D	LRS
Potassium, Total	4.88		mg/l	2.50	0.237	1	10/30/25 11:23	11/04/25 10:11	EPA 3005A	1,6010D	LRS
Selenium, Total	ND		mg/l	0.0100	0.0035	1	10/30/25 11:23	11/04/25 10:11	EPA 3005A	1,6010D	LRS
Silver, Total	ND		mg/l	0.0070	0.0028	1	10/30/25 11:23	11/04/25 10:11	EPA 3005A	1,6010D	LRS
Sodium, Total	43.3		mg/l	2.00	0.120	1	10/30/25 11:23	11/04/25 10:11	EPA 3005A	1,6010D	LRS
Thallium, Total	ND		mg/l	0.0200	0.0025	1	10/30/25 11:23	11/04/25 10:11	EPA 3005A	1,6010D	LRS
Vanadium, Total	0.0036	J	mg/l	0.0100	0.0020	1	10/30/25 11:23	11/04/25 10:11	EPA 3005A	1,6010D	LRS
Zinc, Total	0.0438	J	mg/l	0.0500	0.0021	1	10/30/25 11:23	11/04/25 10:11	EPA 3005A	1,6010D	LRS

Project Name: 25J1756 **Lab Number:** L2568156

Project Number: 25J1756 **Report Date:** 11/04/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG2134886-1										
Aluminum, Total	ND		mg/l	0.100	0.0318	1	10/30/25 11:23	11/04/25 10:04	1,6010D	LRS
Antimony, Total	ND		mg/l	0.0500	0.0071	1	10/30/25 11:23	11/04/25 10:04	1,6010D	LRS
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	10/30/25 11:23	11/04/25 10:04	1,6010D	LRS
Barium, Total	ND		mg/l	0.0100	0.0021	1	10/30/25 11:23	11/04/25 10:04	1,6010D	LRS
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	10/30/25 11:23	11/04/25 10:04	1,6010D	LRS
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	10/30/25 11:23	11/04/25 10:04	1,6010D	LRS
Calcium, Total	ND		mg/l	0.100	0.0350	1	10/30/25 11:23	11/04/25 10:04	1,6010D	LRS
Chromium, Total	ND		mg/l	0.0100	0.0021	1	10/30/25 11:23	11/04/25 10:04	1,6010D	LRS
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	10/30/25 11:23	11/04/25 10:04	1,6010D	LRS
Copper, Total	ND		mg/l	0.0100	0.0022	1	10/30/25 11:23	11/04/25 10:04	1,6010D	LRS
Iron, Total	ND		mg/l	0.0500	0.0090	1	10/30/25 11:23	11/04/25 10:04	1,6010D	LRS
Lead, Total	ND		mg/l	0.0100	0.0027	1	10/30/25 11:23	11/04/25 10:04	1,6010D	LRS
Magnesium, Total	ND		mg/l	0.100	0.0153	1	10/30/25 11:23	11/04/25 10:04	1,6010D	LRS
Manganese, Total	ND		mg/l	0.0100	0.0016	1	10/30/25 11:23	11/04/25 10:04	1,6010D	LRS
Nickel, Total	ND		mg/l	0.0250	0.0024	1	10/30/25 11:23	11/04/25 10:04	1,6010D	LRS
Potassium, Total	ND		mg/l	2.50	0.237	1	10/30/25 11:23	11/04/25 10:04	1,6010D	LRS
Selenium, Total	ND		mg/l	0.0100	0.0035	1	10/30/25 11:23	11/04/25 10:04	1,6010D	LRS
Silver, Total	ND		mg/l	0.0070	0.0028	1	10/30/25 11:23	11/04/25 10:04	1,6010D	LRS
Sodium, Total	ND		mg/l	2.00	0.120	1	10/30/25 11:23	11/04/25 10:04	1,6010D	LRS
Thallium, Total	ND		mg/l	0.0200	0.0025	1	10/30/25 11:23	11/04/25 10:04	1,6010D	LRS
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	10/30/25 11:23	11/04/25 10:04	1,6010D	LRS
Zinc, Total	ND		mg/l	0.0500	0.0021	1	10/30/25 11:23	11/04/25 10:04	1,6010D	LRS

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG2134901-1										
Mercury, Total	0.00013	J	mg/l	0.00020	0.00009	1	10/30/25 12:30	11/03/25 09:02	1,7470A	JWN

Project Name: 25J1756 **Lab Number:** L2568156

Project Number: 25J1756 **Report Date:** 11/04/25

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 25J1756
Project Number: 25J1756

Lab Number: L2568156
Report Date: 11/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2134886-2								
Aluminum, Total	98		-		80-120	-		20
Antimony, Total	89		-		80-120	-		20
Arsenic, Total	99		-		80-120	-		20
Barium, Total	96		-		80-120	-		20
Beryllium, Total	96		-		80-120	-		20
Cadmium, Total	91		-		80-120	-		20
Calcium, Total	94		-		80-120	-		20
Chromium, Total	92		-		80-120	-		20
Cobalt, Total	92		-		80-120	-		20
Copper, Total	91		-		80-120	-		20
Iron, Total	94		-		80-120	-		20
Lead, Total	96		-		80-120	-		20
Magnesium, Total	89		-		80-120	-		20
Manganese, Total	95		-		80-120	-		20
Nickel, Total	92		-		80-120	-		20
Potassium, Total	103		-		80-120	-		20
Selenium, Total	101		-		80-120	-		20
Silver, Total	93		-		80-120	-		20
Sodium, Total	102		-		80-120	-		20
Thallium, Total	98		-		80-120	-		20
Vanadium, Total	95		-		80-120	-		20

Pace

Table of Contents

Lab Control Sample Analysis
Batch Quality Control

Project Name: 25J1756
Project Number: 25J1756

Lab Number: L2568156
Report Date: 11/04/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2134886-2					
Zinc, Total	94	-	80-120	-	20
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2134901-2					
Mercury, Total	111	-	80-120	-	20

Project Name: 25J1756
Project Number: 25J1756

Lab Number: L2568156
Report Date: 11/04/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2568156-01A	Plastic 250ml HNO3 preserved	NA	<2	<2		Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),ZN-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),FE-TI(180),MG-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)

*Values in parentheses indicate holding time in days

Table of Contents

Project Name:	25J1756	**Lab Number:**	L2568156
Project Number:	25J1756	**Report Date:**	11/04/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	25J1756	**Lab Number:**	L2568156
Project Number:	25J1756	**Report Date:**	11/04/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	25J1756	**Lab Number:**	L2568156
Project Number:	25J1756	**Report Date:**	11/04/25

Data Qualifiers

estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 25J1756 **Lab Number:** L2568156

Project Number: 25J1756 **Report Date:** 11/04/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D.**

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn**. EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn**. EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

SUBCONTRACT CHAIN OF CUSTODY

Pace New England

25J1756

Elite

SENDING LABORATORY:

Pace New England
39 Spruce Street
East Longmeadow, MA 01028
Phone: 413.525.2332
Fax: 413.525.6405
Project Manager: Kyle A. Murray

RECEIVING LABORATORY:

Pace Analytical Services - [illegible]
8 Walkup Drive
Westborough, MA 01581
Phone: (508) 898-9220
Fax: (508) 898-9193

L2568156
CONTEST – METALS

Project Location: New York

Analysis	Sample Name	Due	Expires	Comments
Sample ID: 25J1756-01	**GW Waste Characterization**	**Water**	**Sampled: 10/22/25 13:50**	**CAT A**
S-Metals Digestion		11/07/25 14:00	11/05/25 13:50	NYDEC EQUIS EDD REQ. CAT B. Rpt to MDL
SG-TAL 23 Metals 6010 (incl. Hg) Total		11/07/25 14:00	10/29/25 13:50	NYDEC EQUIS EDD REQ. CAT B, Rpt to MDL

Containers Supplied

250 mL plastic - HNO3 (A

Released By	Date	Received By	Date
[illegible]	[illegible]	[illegible]	10/23 1630
Relinquished By	Date	Received By	Date
[illegible]	10/23 15-	[illegible]	10/28/25-1800

25J1756

Pace Analytical

Phone: 413-525-2332
39 Spruce St
East Longmeadow, MA 01028

https://www.pacelabs.com

Doc # 380 Rev 1 03242017

Page __ of __

CHAIN OF CUSTODY RECORD (New York)

Contact: https://www.pacelabs.com/contact-us contact-environmental-sciences/

Company Name: NYS DEC | Consultant: EAR

Consultant Address: 225 Atlantic Ave, Patchogue, NY

Consultant Phone: 631-447 6400

Callout Purchase Order: EC CLENHLAD22-26

Project Location: Fresh & Clean

Callout Number: 152705

Site/Spill Number: 13011

Project Manager: T. Vicale

Pace Analytical Quote Name/Number:

Invoice Recipient:

Sampled By:

DEC Standard 30 Calendar day

Due Date:

1-Day | 2-Day | 3-Day

4-Day | 5-Day | 10-Day

Format: PDF [X] EXCEL

Other: EDD

CLP Like (Level 4) Data Pkg Required:

Email To: [illegible]

Fax To #: [illegible]

ANALYSIS REQUESTED (Circle Requested Analyses/Reporting Limit)

Pace Analytical Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	Matrix Code	Cont. Code	8260: 368 TCL Congeners + CP-51	8270: 1,4-Dioxane + CP-51	1,4-Dioxane SIM	8082 PCBs	8081 Pesticide	8151 Herbicide	TAL Total Metals	TCLP RCRA 8 Metals	PFAS 1633	PFAS 537 MD	PCB-5002-INV	6010 RCRA 8 Metals SOIL-INV	Total Hg Total Ni Tab	# of Containers	Preservation Code	Container Code	Field Filtered	Lab to Filter	Field Filtered	Lab to Filter
1	GW Waste Characterization	1/15/25	1535	X		GW	V	X										X	X	X	3	N	V				

Comments:

Please use the following codes to indicate possible sample concentration within the Cont Code column above.
H - High; M - Medium; L - Low; C - Clean; U - Unknown

¹ Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

² Preservation Codes:
I - Iced
H - HCL
M - Methanol
N - Nitric Acid
S - Sulfuric Acid
B - Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O - Other (please define)

³ Container Codes:
A = Amber Glass
G - Glass
P = Plastic
ST = Sterile
V - Vial
S - Summa Canister
T - Tedlar Bag
O - Other (please define)

	Date/Time
Relinquished by: (signature)	
Received by: (signature)	
Relinquished by: (signature)	
Received by: (signature)	
Relinquished by: (signature)	
Received by: (signature)	

AWQ STDS | NY TOGS
NYC Sewer Discharge | NY CP-51
Part 360 GW (Landfill)
NY Restricted Use
NY Unrestricted Use
NY Part 375

Enhanced Data Package
NYSDEC EQuIS EDD
EQuIS (Standard) EDD
NY Regulatory EDD
NY Regs Hits Only EDD

YC Client

Project Entity
Government | Municipality | MWRA | WRTA
Federal | 21 J | School
City | Brownfield | MBTA

Other
Chromalogram
AIHA-LAP,LLC

PCB ONLY
Soxhlet
Non Soxhlet

Sample Delivery Group Summary

Pace Job Number : L2568156
Account Name : Pace New England
Project Number : 25J1756
Project Name : 25J1756

Received : 28-OCT-2025
Reviewer : Mohammed Wahed

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	2.6	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

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Appendix C

Waste Manifest

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	1	631-586-5900	NHWM227447

GENERATOR

5. Generator's Name and Mailing Address
NYS DEPT. OF ENVIRONMENTAL CONSERVATION
625 BROADWAY
ALBANY, NY 12233
Generator's Phone:

Generator's Site Address (if different than mailing address)
22-26 RAILROAD AVENUE
GLEN HEAD, NY 11545

6. Transporter 1 Company Name: AARCO ENVIRONMENTAL SERVICES CORP. — U.S. EPA ID Number: NYR000107326

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
DALE TRANSFER CORP.
129 DALE STREET, WEST BABYLON NY 11704
Facility's Phone: 631-393-2882
U.S. EPA ID Number: N/A

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON-REGULATED LIQUIDS (GROUNDWATER)	001	DM	250	P	
2.	NON-REGULATED SOLIDS (SOIL, GROUT)	004	DM	3,000	P	
3.						
4.						

13. Special Handling Instructions and Additional Information
1. APPROVAL # 2025-1327 (001 x 559)
2. APPROVAL # 2025-1326 (004 x 559)
JOB # 227447 TRUCK # B568

14. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: x Bruce Vigliotta — Signature: x Bruce Vigliotta — Month 11 Day 24 Year 25

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Juan Guevara — Signature — Month 11 Day 24 Year 25

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Armando Sanchez — Signature — Month 11 Day 24 Year 25

DESIGNATED FACILITY TO GENERATOR

Printed in USA by GC Labels
1-800-997-6966

Reorder Part# MANIFEST-C6NHW
913-897-6966

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Appendix D

Data Usability Summary Report

Environmental Assessment & Remediations
A LaBella Company

December 4, 2025

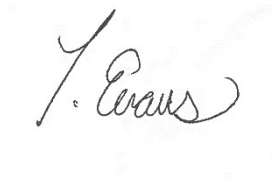
To: Trisha Vicale
Environmental Assessment & Remediations
A Labella Company
225 Atlantic Avenue
Patchogue, NY 11772

Subject: NYSDEC Site No. 130111, Former Fresh & Clean Laundry, located at 22-26 Railroad Ave., Glen Head - Data Usability Summary Report

The Following Item Transmitted:
Data Package:

Originals	Description of Materials	Electronic/ Hard Copy
1	25J1054_NYSDEC_CatB_Package_Mini_Final Report.pdf	Electronic
1	25J1054_EquNysdec	Electronic

Signature:



Tracey Evans
Chemist
tevans@labellapc.com
Environmental Assessment & Remediations
A Labella Company
225 Atlantic Avenue
Patchogue, New York 11772
631-447-6400 ext.124

A LaBella Company

Former Fresh & Clean Laundry, located at 22-26 Railroad Ave., Glen Head - Data Usability Summary Report for October 20, 2025, Soil and Groundwater Samples

Client: Environmental Assessment & Remediations, Patchogue, New York
Laboratory: Pace Analytical Service (NY Cert. #10899)
Site: Former Fresh & Clean Laundry (Site# 130111)
Location: 22-26 Railroad Ave., Glen Head

Lab Job ID: R2510430					
				Methods Evaluated	
Lab ID	Field ID	Collection Date	Matrix	VOCs 8260D	General Chemistry SM 2540G
25J1054-01	Field Blank	10/20/2025	Field Blank	x	
25J1054-02	Trip Water	10/20/2025	Trip Blank Water	x	
25J1054-03	Cistern-South	10/20/2025	Groundwater	x	
25J1054-04	SB-SE1_5-10	10/20/2025	Soil	x	x
25J1054-05	SB-SE1_25-30	10/20/2025	Soil	x	x
25J1054-06	SB-X	10/20/2025	Soil	x	x

Laboratory report reviewed under:

- USEPA Contract Laboratory Program National Functional Guidance for Organic Superfund Methods Data Review, EPA 542-R-20-005 (January 2020).
- VOA Standard Operation for the Validation of Volatile Data, QA-HWSS-A-004 (March 2022).
- Professional judgment.

Criteria for Data Usability Summary Report

Completeness:
A complete data package contains all relevant and related material, packaged for distribution to its client, in accordance with the Analytical Service Protocol (ASP) Category B Deliverables guidelines.

Compliant:
A compliant data package is determined to contain all work related to the production of laboratory data in a manner consistent with the Quality Assurance Program Plan.

Overall Usability Issue
Data validation completed per the New York State Department of Environmental Conservation Analytical Service Protocol (NYSDEC ASP) Category B Data Deliverable requirements and reviewer's professional judgment.
This analytical report complies with the following points:

1. Holding Time and Analysis Time
2. Sample Analysis and Quality Control.

In conclusion, the data reviewed in this report is usable data that meets the criteria for compliance with methods 8260D and SM 2540G.

Data Completeness

- A complete Category B data package under the NYSDEC ASP has been reported.

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Data Validation Acronyms

AA	Atomic Absorption, Flame Technique
BHC	Hexachlorocylcohexane
BFB	Bromofluorobenzene (Tune check analyte)
CCC	Continuing Calibration Check
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
CVAA	Atomic Absorption, Cold Vapor
DCAA	2,4-Dichlorophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine (Tune check analyte)
DL	Detection Limit
ECD	Electron Capture Detector
FAA	Atomic Absorption, Furnace Technique
FID	Flame Ionization Detector
FNP	1-Fluoronapthalene
GC	Gas Chromatography
GC/MS	Gas Chromatography/ Mass Spectrometry
GPC	Gel Permeation Chromatography
ICB	Initial Calibration Blank
ICP	Inductively Coupled Plasma – Atomic Emission Spectrometer
ICV	Initial Calibration Verification
IDL	Instrument Detection Limit
ICAL	Initial Calibration Curve
IS	Internal Standard
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LCS/LCSD	Laboratory Control Sample/ Laboratory Control Sample Duplicate
MB	Method Blank
MS	Matrix Spike
BNAMS11	Method of Standard Additions
MSD	Matrix Spike Duplicate
MS/MSD	Matrix Spike/ Matrix Spike Duplicate
ND	Non-detected or Not Detected
PID	Photo Ionization Detector

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Data Validation Acronyms

PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
PQL	Practical Quantitation Limit
QA	Quality Assurance
QA/QC	Quality Assurance/ Quality Control
QC	Quality Control
RF	Response Factor
RPD	Relative Percent Difference
RL	Reporting Limit
RRF	Relative Response Factor
RT	Retention Time
RRT	Relative Retention Time
SDG	Sample Delivery Group
SMC	System Monitoring Compounds/ Surrogates
SPCC	Sample Performance Check Compound
TCX	Tetrachloro-m-xylene
%D	Percent Drift
%R	Percent Recovery
%RSD	Percent Relative Standard Deviation

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Data Validation Qualifiers

U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
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.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
R	The data is unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.

Note:

1. These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.

2. The EDDs are assigned to these data validation qualifiers and refer to the valid value list supplied by the specific agency or informational data system.

Method 8260D Review Summary:

Samples were handled and analyzed properly under USEPA Contract Laboratory Program National Functional Guidance for Super Organic Methods Data and QA-HWSS-A-004 VOA Standard Operation for the Validation of Volatile Data.

• Within initial calibrations verification, S122642-ICV1 analytes Acetone, Bromomethane, Methyl Acetate, and Vinyl Chloride were outside of acceptable %D (30%), which led to qualification of compounds within samples SB-SE1_5-10, SB-SE1_25-30, and SB-X as non-detect estimated "UJ" values.

• Within CCV associated with S127496-CCV1, analytes Bromochloromethane, Bromomethane, and Chloromethane recovered beyond limits of %D, which led to the qualification of non-detect estimate "UJ" values within associated samples Field Blank, Trip Blank, and Cistern-South.

• Within CCV associated with S127412-CCV1, analyte Bromoform recovered beyond the limit of %D, which led to the qualification of non-detect estimate "UJ" values within associated samples SB-SE1_25-30, SB-SE1_5-10, and SB-X.

• Within matrix sample recovery above laboratory limit occurred in B415668-MS1 for analytes Bromoform and Chlorodibromomethane, but was not detected; no qualification was needed. The recovery below the laboratory limit occurred in the associated Matrix sample B415668-MS1 for analyte Bromoethane, which is qualified as a non-detected estimate "UJ" value within the parent sample SB-SE1_25-30 and the duplicate sample SB-X.

• Blind duplicate pair SB-SE1_25-30 and SB-X samples' results were outside of the acceptable quantities of RPD, less than 50%.

The data met the category B criterion and is therefore usable.

Method SM 2540G Review Summary:

Samples were handled and analyzed properly under the SM 2540G method to determine Total, Fixed, and Solids in Solid and Semisolid Samples, and are within the criteria of greater than 30% solid, as noted in the National Functional Guideline for Organic Superfund Method Data Review.

• Blind duplicate pair SB-SE1_25-30 and SB-X samples were well within the comparison criteria.

The data met the category B criterion and is therefore usable.

Blind Duplicate Comparison Method 8260D and % Solid

Analytes	Original Sample SB-SEI_25-30	Blind Duplicate SB-X	Relative Percent Difference
Tetrachloroethene (PCE)	0.0057	0.036	145.32
cis-1,2-Dichlorethene	0.00067	0.002	99.63
trans-1,2-Dichloroethene	0.00056	0.0018	105.08
Trichloroethene (TCE)	0.00073	0.0023	103.63
Solids, Percent	95.9	95.6	0.31

Attachments for Method Review

1 - FORM I
ANALYSIS DATA SHEET

Field Blank

Laboratory:	Pace New England			Work Order:	25J1054
Client:	NYDEC_Environmental Assessmer			Project:	Former Fresh & Clean Laundry - CO 152705
Matrix:	Field Blank	Laboratory ID:	25J1054-01	File ID:	C25V29434.D
Sampled:	10/14/25 14:30	Prepared:	10/20/25 10:22	Analyzed:	10/21/25 23:15
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B415658	Sequence:	S127496	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		1.9	50	
71-43-2	Benzene		0.19	1.0	
74-97-5	Bromochloromethane		0.34	1.0	UJ
75-27-4	Bromodichloromethane		0.14	0.50	
75-25-2	Bromoform		0.32	1.0	
74-83-9	Bromomethane		0.91	2.0	V-05 UJ
78-93-3	2-Butanone (MEK)		1.5	20	
104-51-8	n-Butylbenzene		0.14	1.0	
135-98-8	sec-Butylbenzene		0.14	1.0	
98-06-6	tert-Butylbenzene		0.13	1.0	
75-15-0	Carbon Disulfide		1.6	5.0	
56-23-5	Carbon Tetrachloride		0.18	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.43	2.0	
67-66-3	Chloroform		0.14	2.0	
74-87-3	Chloromethane		0.39	2.0	UJ
110-82-7	Cyclohexane		1.3	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.62	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.12	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.14	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.23	2.0	
75-34-3	1,1-Dichloroethane		0.19	1.0	
107-06-2	1,2-Dichloroethane		0.28	1.0	
75-35-4	1,1-Dichloroethylene		0.15	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.19	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.19	1.0	

1 - FORM I
ANALYSIS DATA SHEET

Trip Blank

Laboratory:	Pace New England			Work Order:	25J1054
Client:	NYDEC_Environmental Assessmer			Project:	Former Fresh & Clean Laundry - CO 152705
Matrix:	Trip Blank Water	Laboratory ID:	25J1054-02	File ID:	C25V29435.D
Sampled:	10/14/25 10:00	Prepared:	10/20/25 10:22	Analyzed:	10/21/25 23:42
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B415658	Sequence:	S127496	Calibration:	2200537	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		1.9	50	
71-43-2	Benzene		0.19	1.0	
74-97-5	Bromochloromethane		0.34	1.0	UJ
75-27-4	Bromodichloromethane		0.14	0.50	
75-25-2	Bromoform		0.32	1.0	
74-83-9	Bromomethane		0.91	2.0	V-05 UJ
78-93-3	2-Butanone (MEK)		1.5	20	
104-51-8	n-Butylbenzene		0.14	1.0	
135-98-8	sec-Butylbenzene		0.14	1.0	
98-06-6	tert-Butylbenzene		0.13	1.0	
75-15-0	Carbon Disulfide		1.6	5.0	
56-23-5	Carbon Tetrachloride		0.18	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.43	2.0	
67-66-3	Chloroform		0.14	2.0	
74-87-3	Chloromethane		0.39	2.0	UJ
110-82-7	Cyclohexane		1.3	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.62	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.12	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.14	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.23	2.0	
75-34-3	1,1-Dichloroethane		0.19	1.0	
107-06-2	1,2-Dichloroethane		0.28	1.0	
75-35-4	1,1-Dichloroethylene		0.15	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.19	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.19	1.0	

1 - FORM I
ANALYSIS DATA SHEET

Cistern-South

Laboratory:	Pace New England			Work Order:	25J1054
Client:	NYDEC_Environmental Assessmer			Project:	Former Fresh & Clean Laundry - CO 152705
Matrix:	Ground Water	Laboratory ID:	25J1054-03	File ID:	C25V29445.D
Sampled:	10/14/25 10:08	Prepared:	10/20/25 10:22	Analyzed:	10/22/25 04:07
Solids:		Preparation:	SW-846 5030B	Dilution:	200
Initial/Final:	5 mL / 5 mL				
Batch:	B415658	Sequence:	S127496	Calibration:	2200537	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		380	10000	
71-43-2	Benzene		37	200	
74-97-5	Bromochloromethane		68	200	UJ
75-27-4	Bromodichloromethane		27	100	
75-25-2	Bromoform		63	200	
74-83-9	Bromomethane		180	400	V-05 UJ
78-93-3	2-Butanone (MEK)		290	4000	
104-51-8	n-Butylbenzene		29	200	
135-98-8	sec-Butylbenzene		29	200	
98-06-6	tert-Butylbenzene		27	200	
75-15-0	Carbon Disulfide		310	1000	
56-23-5	Carbon Tetrachloride		35	1000	
108-90-7	Chlorobenzene		23	200	
124-48-1	Chlorodibromomethane		24	100	
75-00-3	Chloroethane		86	400	
67-66-3	Chloroform		28	400	
74-87-3	Chloromethane		77	400	UJ
110-82-7	Cyclohexane		260	1000	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		120	1000	
106-93-4	1,2-Dibromoethane (EDB)		25	100	
95-50-1	1,2-Dichlorobenzene		26	200	
541-73-1	1,3-Dichlorobenzene		27	200	
106-46-7	1,4-Dichlorobenzene		28	200	
75-71-8	Dichlorodifluoromethane (Freon 12)		45	400	
75-34-3	1,1-Dichloroethane		37	200	
107-06-2	1,2-Dichloroethane		56	200	
75-35-4	1,1-Dichloroethylene		31	200	
156-59-2	cis-1,2-Dichloroethylene	1000	38	200	
156-60-5	trans-1,2-Dichloroethylene		38	200	

1 - FORM I
ANALYSIS DATA SHEET

SB-SE1_5-10

Laboratory:	Pace New England			Work Order:	25J1054
Client:	NYDEC_Environmental Assessmer			Project:	Former Fresh & Clean Laundry - CO 152705
Matrix:	Soil	Laboratory ID:	25J1054-04	File ID:	G25V29311.D
Sampled:	10/14/25 12:11	Prepared:	10/20/25 04:00	Analyzed:	10/20/25 08:03
Solids:	88.17	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	8.16 g / 10 mL				
Batch:	B415668	Sequence:	S127412	Calibration:	2500468	Instrument:	GCMSVOA7

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
67-64-1	Acetone	0.011	0.0092	0.069	J
71-43-2	Benzene		0.00049	0.0014	
74-97-5	Bromochloromethane		0.00068	0.0014	
75-27-4	Bromodichloromethane		0.00047	0.0014	
75-25-2	Bromoform		0.00079	0.0014	UJ
74-83-9	Bromomethane		0.0011	0.0069	V-34 UJ
78-93-3	2-Butanone (MEK)		0.0060	0.028	
104-51-8	n-Butylbenzene		0.00047	0.0014	
135-98-8	sec-Butylbenzene		0.00051	0.0014	
98-06-6	tert-Butylbenzene		0.00046	0.0014	
75-15-0	Carbon Disulfide		0.0084	0.014	
56-23-5	Carbon Tetrachloride		0.00056	0.0014	
108-90-7	Chlorobenzene		0.00047	0.0014	
124-48-1	Chlorodibromomethane		0.00063	0.00069	
75-00-3	Chloroethane		0.00099	0.014	
67-66-3	Chloroform		0.00046	0.0028	
74-87-3	Chloromethane		0.00094	0.0069	
110-82-7	Cyclohexane		0.0028	0.0069	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.00058	0.0014	
106-93-4	1,2-Dibromoethane (EDB)		0.00049	0.00069	
95-50-1	1,2-Dichlorobenzene		0.00043	0.0014	
541-73-1	1,3-Dichlorobenzene		0.00041	0.0014	
106-46-7	1,4-Dichlorobenzene		0.00042	0.0014	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.00078	0.014	
75-34-3	1,1-Dichloroethane		0.00043	0.0014	
107-06-2	1,2-Dichloroethane		0.00049	0.0014	
75-35-4	1,1-Dichloroethylene		0.00066	0.0028	
156-59-2	cis-1,2-Dichloroethylene	0.0059	0.00049	0.0014	
156-60-5	trans-1,2-Dichloroethylene	0.00061	0.00044	0.0014	J

1 - FORM I
ANALYSIS DATA SHEET

SB-SE1_5-10

Laboratory:	Pace New England			Work Order:	25J1054
Client:	NYDEC_Environmental Assessmer			Project:	Former Fresh & Clean Laundry - CO 152705
Matrix:	Soil	Laboratory ID:	25J1054-04	File ID:	G25V29311.D
Sampled:	10/14/25 12:11	Prepared:	10/20/25 04:00	Analyzed:	10/20/25 08:03
Solids:	88.17	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	8.16 g / 10 mL				
Batch:	B415668	Sequence:	S127412	Calibration:	2500468	Instrument:	GCMSVOA7

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
78-87-5	1,2-Dichloropropane		0.00045	0.0014	
10061-01-5	cis-1,3-Dichloropropene		0.00060	0.00069	
10061-02-6	trans-1,3-Dichloropropene		0.00056	0.00069	
100-41-4	Ethylbenzene		0.00038	0.0014	
591-78-6	2-Hexanone (MBK)		0.0054	0.014	
98-82-8	Isopropylbenzene (Cumene)		0.00045	0.0014	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.00043	0.0014	
79-20-9	Methyl Acetate		0.00091	0.0014	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.00055	0.0028	
108-87-2	Methyl Cyclohexane		0.00048	0.0014	
75-09-2	Methylene Chloride		0.00049	0.014	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.0067	0.014	
91-20-3	Naphthalene		0.00070	0.0028	
103-65-1	n-Propylbenzene		0.00046	0.0014	
100-42-5	Styrene		0.00044	0.0014	
79-34-5	1,1,2,2-Tetrachloroethane		0.00062	0.00069	
108-88-3	Toluene		0.00038	0.0014	
87-61-6	1,2,3-Trichlorobenzene		0.00055	0.0014	
120-82-1	1,2,4-Trichlorobenzene		0.00046	0.0014	
71-55-6	1,1,1-Trichloroethane		0.00049	0.0014	
79-00-5	1,1,2-Trichloroethane		0.00037	0.0014	
79-01-6	Trichloroethylene	0.014	0.00045	0.0014	
75-69-4	Trichlorofluoromethane (Freon 11)		0.00093	0.0069	
96-18-4	1,2,3-Trichloropropane		0.00063	0.0014	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.00079	0.0069	
95-63-6	1,2,4-Trimethylbenzene		0.00059	0.0014	
108-67-8	1,3,5-Trimethylbenzene		0.00050	0.0014	
75-01-4	Vinyl Chloride		0.00056	0.0069	V-34 UJ
179601-23-1	m+p Xylene		0.00074	0.0028	

1 - FORM I
ANALYSIS DATA SHEET

SB-SE1_25-30

Laboratory:	Pace New England			Work Order:	25J1054
Client:	NYDEC_Environmental Assessmer			Project:	Former Fresh & Clean Laundry - CO 152705
Matrix:	Soil	Laboratory ID:	25J1054-05	File ID:	G25V29310.D
Sampled:	10/14/25 12:29	Prepared:	10/20/25 04:00	Analyzed:	10/20/25 07:36
Solids:	95.92	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	6.1 g / 10 mL				
Batch:	B415668	Sequence:	S127412	Calibration:	2500468	Instrument:	GCMSVOA7

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
67-64-1	Acetone		0.011	0.085	UJ
71-43-2	Benzene		0.00061	0.0017	
74-97-5	Bromochloromethane		0.00084	0.0017	
75-27-4	Bromodichloromethane		0.00058	0.0017	
75-25-2	Bromoform		0.00098	0.0017	UJ
74-83-9	Bromomethane		0.0013	0.0085	V-34 UJ
78-93-3	2-Butanone (MEK)		0.0074	0.034	
104-51-8	n-Butylbenzene		0.00058	0.0017	
135-98-8	sec-Butylbenzene		0.00063	0.0017	
98-06-6	tert-Butylbenzene		0.00057	0.0017	
75-15-0	Carbon Disulfide		0.010	0.017	
56-23-5	Carbon Tetrachloride		0.00069	0.0017	
108-90-7	Chlorobenzene		0.00058	0.0017	
124-48-1	Chlorodibromomethane		0.00077	0.00085	
75-00-3	Chloroethane		0.0012	0.017	
67-66-3	Chloroform		0.00056	0.0034	
74-87-3	Chloromethane		0.0012	0.0085	
110-82-7	Cyclohexane		0.0035	0.0085	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.00071	0.0017	
106-93-4	1,2-Dibromoethane (EDB)		0.00061	0.00085	
95-50-1	1,2-Dichlorobenzene		0.00053	0.0017	
541-73-1	1,3-Dichlorobenzene		0.00051	0.0017	
106-46-7	1,4-Dichlorobenzene		0.00051	0.0017	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.00096	0.017	
75-34-3	1,1-Dichloroethane		0.00052	0.0017	
107-06-2	1,2-Dichloroethane		0.00060	0.0017	
75-35-4	1,1-Dichloroethylene		0.00081	0.0034	
156-59-2	cis-1,2-Dichloroethylene	0.00067	0.00060	0.0017	J
156-60-5	trans-1,2-Dichloroethylene	0.00056	0.00054	0.0017	J

1 - FORM I
ANALYSIS DATA SHEET

SB-SE1_25-30

Laboratory:	Pace New England			Work Order:	25J1054
Client:	NYDEC_Environmental Assessmer			Project:	Former Fresh & Clean Laundry - CO 152705
Matrix:	Soil	Laboratory ID:	25J1054-05	File ID:	G25V29310.D
Sampled:	10/14/25 12:29	Prepared:	10/20/25 04:00	Analyzed:	10/20/25 07:36
Solids:	95.92	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	6.1 g / 10 mL				
Batch:	B415668	Sequence:	S127412	Calibration:	2500468	Instrument:	GCMSVOA7

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
78-87-5	1,2-Dichloropropane		0.00055	0.0017	
10061-01-5	cis-1,3-Dichloropropene		0.00074	0.00085	
10061-02-6	trans-1,3-Dichloropropene		0.00069	0.00085	
100-41-4	Ethylbenzene		0.00047	0.0017	
591-78-6	2-Hexanone (MBK)		0.0067	0.017	
98-82-8	Isopropylbenzene (Cumene)		0.00055	0.0017	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.00052	0.0017	
79-20-9	Methyl Acetate		0.0011	0.0017	UJ
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.00068	0.0034	
108-87-2	Methyl Cyclohexane		0.00059	0.0017	
75-09-2	Methylene Chloride		0.00060	0.017	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.0083	0.017	
91-20-3	Naphthalene		0.00086	0.0034	
103-65-1	n-Propylbenzene		0.00056	0.0017	
100-42-5	Styrene		0.00054	0.0017	
79-34-5	1,1,2,2-Tetrachloroethane		0.00077	0.00085	
127-18-4	Tetrachloroethylene	0.0057	0.00071	0.0017	
108-88-3	Toluene		0.00047	0.0017	
87-61-6	1,2,3-Trichlorobenzene		0.00067	0.0017	
120-82-1	1,2,4-Trichlorobenzene		0.00056	0.0017	
71-55-6	1,1,1-Trichloroethane		0.00060	0.0017	
79-00-5	1,1,2-Trichloroethane		0.00046	0.0017	
79-01-6	Trichloroethylene	0.00073	0.00055	0.0017	J
75-69-4	Trichlorofluoromethane (Freon 11)		0.0011	0.0085	
96-18-4	1,2,3-Trichloropropane		0.00077	0.0017	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.00098	0.0085	
95-63-6	1,2,4-Trimethylbenzene		0.00072	0.0017	
108-67-8	1,3,5-Trimethylbenzene		0.00062	0.0017	
75-01-4	Vinyl Chloride		0.00069	0.0085	V-34 UJ

1 - FORM I
ANALYSIS DATA SHEET

SB-X

Laboratory:	Pace New England			Work Order:	25J1054
Client:	NYDEC_Environmental Assessmer			Project:	Former Fresh & Clean Laundry - CO 152705
Matrix:	Soil	Laboratory ID:	25J1054-06	File ID:	G25V29315.D
Sampled:	10/14/25 00:00	Prepared:	10/20/25 04:00	Analyzed:	10/20/25 09:45
Solids:	95.60	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	5.74 g / 10 mL				
Batch:	B415668	Sequence:	S127412	Calibration:	2500468
Instrument:	GCMSVOA7				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
67-64-1	Acetone		0.012	0.091	UJ
71-43-2	Benzene		0.00065	0.0018	
74-97-5	Bromochloromethane		0.00090	0.0018	
75-27-4	Bromodichloromethane		0.00062	0.0018	
75-25-2	Bromoform		0.0010	0.0018	UJ
74-83-9	Bromomethane		0.0014	0.0091	V-34 UJ
78-93-3	2-Butanone (MEK)		0.0079	0.036	
104-51-8	n-Butylbenzene		0.00062	0.0018	
135-98-8	sec-Butylbenzene		0.00067	0.0018	
98-06-6	tert-Butylbenzene		0.00060	0.0018	
75-15-0	Carbon Disulfide		0.011	0.018	
56-23-5	Carbon Tetrachloride		0.00073	0.0018	
108-90-7	Chlorobenzene		0.00062	0.0018	
124-48-1	Chlorodibromomethane		0.00083	0.00091	
75-00-3	Chloroethane		0.0013	0.018	
67-66-3	Chloroform		0.00060	0.0036	
74-87-3	Chloromethane		0.0012	0.0091	
110-82-7	Cyclohexane		0.0037	0.0091	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.00076	0.0018	
106-93-4	1,2-Dibromoethane (EDB)		0.00065	0.00091	
95-50-1	1,2-Dichlorobenzene		0.00056	0.0018	
541-73-1	1,3-Dichlorobenzene		0.00054	0.0018	
106-46-7	1,4-Dichlorobenzene		0.00055	0.0018	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.0010	0.018	
75-34-3	1,1-Dichloroethane		0.00056	0.0018	
107-06-2	1,2-Dichloroethane		0.00064	0.0018	
75-35-4	1,1-Dichloroethylene		0.00086	0.0036	
156-59-2	cis-1,2-Dichloroethylene	0.0020	0.00064	0.0018	
156-60-5	trans-1,2-Dichloroethylene	0.0018	0.00057	0.0018	J

1 - FORM I
ANALYSIS DATA SHEET

SB-X

Laboratory:	Pace New England			Work Order:	25J1054
Client:	NYDEC_Environmental Assessmer			Project:	Former Fresh & Clean Laundry - CO 152705
Matrix:	Soil	Laboratory ID:	25J1054-06	File ID:	G25V29315.D
Sampled:	10/14/25 00:00	Prepared:	10/20/25 04:00	Analyzed:	10/20/25 09:45
Solids:	95.60	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	5.74 g / 10 mL				
Batch:	B415668	Sequence:	S127412	Calibration:	2500468	Instrument:	GCMSVOA7

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
78-87-5	1,2-Dichloropropane		0.00058	0.0018	
10061-01-5	cis-1,3-Dichloropropene		0.00079	0.00091	
10061-02-6	trans-1,3-Dichloropropene		0.00073	0.00091	
100-41-4	Ethylbenzene		0.00050	0.0018	
591-78-6	2-Hexanone (MBK)		0.0071	0.018	
98-82-8	Isopropylbenzene (Cumene)		0.00058	0.0018	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.00056	0.0018	
79-20-9	Methyl Acetate		0.0012	0.0018	UJ
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.00072	0.0036	
108-87-2	Methyl Cyclohexane		0.00063	0.0018	
75-09-2	Methylene Chloride		0.00064	0.018	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.0088	0.018	
91-20-3	Naphthalene		0.00092	0.0036	
103-65-1	n-Propylbenzene		0.00060	0.0018	
100-42-5	Styrene		0.00058	0.0018	
79-34-5	1,1,2,2-Tetrachloroethane		0.00082	0.00091	
127-18-4	Tetrachloroethylene	0.036	0.00075	0.0018	
108-88-3	Toluene		0.00050	0.0018	
87-61-6	1,2,3-Trichlorobenzene		0.00072	0.0018	
120-82-1	1,2,4-Trichlorobenzene		0.00060	0.0018	
71-55-6	1,1,1-Trichloroethane		0.00064	0.0018	
79-00-5	1,1,2-Trichloroethane		0.00049	0.0018	
79-01-6	Trichloroethylene	0.0023	0.00059	0.0018	
75-69-4	Trichlorofluoromethane (Freon 11)		0.0012	0.0091	
96-18-4	1,2,3-Trichloropropane		0.00082	0.0018	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.0010	0.0091	
95-63-6	1,2,4-Trimethylbenzene		0.00077	0.0018	
108-67-8	1,3,5-Trimethylbenzene		0.00066	0.0018	
75-01-4	Vinyl Chloride		0.00074	0.0091	V-34 UJ

Environmental Assessment & Remediations
A LaBella Company

December 4, 2025

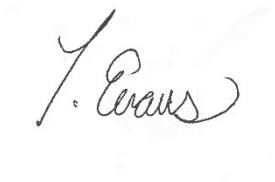
To: Trisha Vicale
Environmental Assessment & Remediations
A Labella Company
225 Atlantic Avenue
Patchogue, NY 11772

Subject: NYSDEC Site No. 13011A, Former Fresh & Clean Laundry, located at 22-26 Railroad Ave., Glen Head - Data Usability Summary Report

The Following Item Transmitted:
Data Package:

Originals	Description of Materials	Electronic/ Hard Copy
1	25J1057_NYSDEC_CatB_Package_Mini_Final Report.pdf	Electronic
1	25J1057_EquNysdec.xlsx	Electronic

Signature:



Tracey Evans
Chemist
tevans@labellapc.com
Environmental Assessment & Remediations
A Labella Company
225 Atlantic Avenue
Patchogue, New York 11772
631-447-6400 ext.124

A LaBella Company

Former Fresh & Clean Laundry, located at 22-26 Railroad Ave., Glen Head - Data Usability Summary Report for October 15, 2025, Soil and Groundwater Samples

Client: Environmental Assessment & Remediations, Patchogue, New York
Laboratory: Pace Analytical Service (NY Cert. #10899)
Site: Former Fresh & Clean Laundry (Site# 130111A)
Location: 22-26 Railroad Ave., Glen Head

Lab Job ID: 25J1057					
				Methods Evaluated	
Lab ID	Field ID	Collection Date	Matrix	VOCs 8260D	General Chemistry SM 2540G
25J1057-01	SB-SW1_0-5	10/15/2025	Soil	x	x
25J1057-02	SB-SW1_5-10	10/15/2025	Soil	x	x
25J1057-03	SB-NW1_0-5	10/15/2025	Soil	x	x
25J1057-04	SB-NW1_8-10	10/15/2025	Soil	x	x
25J1057-05	Trip Blank	10/15/2025	Trip Blank Water	x	

Laboratory report reviewed under:

- USEPA Contract Laboratory Program National Functional Guidance for Organic Superfund Methods Data Review, EPA 542-R-20-005 (January 2020).
- VOA Standard Operation for the Validation of Volatile Data, QA-HWSS-A-004 (March 2022).
- Professional judgment.

Criteria for Data Usability Summary Report

Completeness:
A complete data package contains all relevant and related material, packaged for distribution to its client, in accordance with the Analytical Service Protocol (ASP) Category B Deliverables guidelines.

Compliant:
A compliant data package is determined to contain all work related to the production of laboratory data in a manner consistent with the Quality Assurance Program Plan.

Overall Usability Issue
Data validation completed per the New York State Department of Environmental Conservation Analytical Service Protocol (NYSDEC ASP) Category B Data Deliverable requirements and reviewer's professional judgment.
This analytical report complies with the following points:

1. Holding Time and Analysis Time
2. Sample Analysis and Quality Control.

In conclusion, the data reviewed in this report is usable data that meets the criteria for compliance with methods 8260D and SM 2540G.

Data Completeness

- A complete Category B data package under the NYSDEC ASP has been reported.

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Data Validation Acronyms

AA	Atomic Absorption, Flame Technique
BHC	Hexachlorocylcohexane
BFB	Bromofluorobenzene (Tune check analyte)
CCC	Continuing Calibration Check
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
CVAA	Atomic Absorption, Cold Vapor
DCAA	2,4-Dichlorophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine (Tune check analyte)
DL	Detection Limit
ECD	Electron Capture Detector
FAA	Atomic Absorption, Furnace Technique
FID	Flame Ionization Detector
FNP	1-Fluoronapthalene
GC	Gas Chromatography
GC/MS	Gas Chromatography/ Mass Spectrometry
GPC	Gel Permeation Chromatography
ICB	Initial Calibration Blank
ICP	Inductively Coupled Plasma – Atomic Emission Spectrometer
ICV	Initial Calibration Verification
IDL	Instrument Detection Limit
ICAL	Initial Calibration Curve
IS	Internal Standard
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LCS/LCSD	Laboratory Control Sample/ Laboratory Control Sample Duplicate
MB	Method Blank
MS	Matrix Spike
BNAMS11	Method of Standard Additions
MSD	Matrix Spike Duplicate
MS/MSD	Matrix Spike/ Matrix Spike Duplicate
ND	Non-detected or Not Detected
PID	Photo Ionization Detector

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Data Validation Acronyms

PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
PQL	Practical Quantitation Limit
QA	Quality Assurance
QA/QC	Quality Assurance/ Quality Control
QC	Quality Control
RF	Response Factor
RPD	Relative Percent Difference
RL	Reporting Limit
RRF	Relative Response Factor
RT	Retention Time
RRT	Relative Retention Time
SDG	Sample Delivery Group
SMC	System Monitoring Compounds/ Surrogates
SPCC	Sample Performance Check Compound
TCX	Tetrachloro-m-xylene
%D	Percent Drift
%R	Percent Recovery
%RSD	Percent Relative Standard Deviation

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Data Validation Qualifiers

U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
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.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
R	The data is unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.

Note:

1. These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.

2. The EDDs are assigned to these data validation qualifiers and refer to the valid value list supplied by the specific agency or informational data system.

Method 8260D Review Summary:

Samples were handled and analyzed properly under USEPA Contract Laboratory Program National Functional Guidance for Super Organic Methods Data and QA-HWSS-A-004 VOA Standard Operation for the Validation of Volatile Data.

• Within initial calibrations verification, S122642-ICV1 analytes Acetone, Bromomethane, Methyl Acetate, and Vinyl Chloride were outside of acceptable %Diff, which led to qualification of compounds within samples SB-SW1_0-5, SB-SW1_5-10, and SB-NW1_0-5.

• Within CCV associated with S127496-CCV1, analytes Bromochloromethane, Bromomethane, and Chloromethane recovered beyond limits of %D, which led to the qualification of non-detect estimate "UJ" values within the associated sample Trip Blank.

• Within CCV associated with S127412-CCV1, analytes Bromoform and Bromomethane recovered beyond limits of %D, which led to the qualification of non-detect estimate "UJ" values within associated samples SB-SWI_0-5, SB-SWI_5-10, and SB-NWI_0-5.

• Within CCV associated with S127548-CCV1, analytes Acetone, Bromomethane, Chloromethane, and 1,2-Dibromo-3-chloropropane recovered beyond limits of %D, which led to the qualification of non-detect estimate "UJ" values within the associated sample SB-NW1_8-10.

The data met the category B criterion and is therefore usable.

Method SM 2540G Review Summary:

Samples were handled and analyzed properly under the SM 2540G method to determine Total, Fixed, and Solids in Solid and Semisolid Samples, and are within the criteria of greater than 30% solid, as noted in the National Functional Guideline for Organic Superfund Method Data Review.

The data met the category B criterion and is therefore usable.

Attachments for Method Review

1 - FORM I
ANALYSIS DATA SHEET

SB-SW1_0-5

Laboratory:	Pace New England			Work Order:	25J1157
Client:	NYDEC_Environmental Assessmer			Project:	Former Fresh & Clean Laundry - CO 152705
Matrix:	Soil	Laboratory ID:	25J1157-01	File ID:	G25V29322.D
Sampled:	10/15/25 13:03	Prepared:	10/20/25 04:00	Analyzed:	10/20/25 12:46
Solids:	91.56	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	5.6 g / 10 mL				
Batch:	B415668	Sequence:	S127412	Calibration:	2500468	Instrument:	GCMSVOA7

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
67-64-1	Acetone		0.013	0.098	UJ
71-43-2	Benzene		0.00069	0.0020	
74-97-5	Bromochloromethane		0.00096	0.0020	
75-27-4	Bromodichloromethane		0.00066	0.0020	
75-25-2	Bromoform		0.0011	0.0020	UJ
74-83-9	Bromomethane		0.0015	0.0098	V-34 UJ
78-93-3	2-Butanone (MEK)		0.0084	0.039	
104-51-8	n-Butylbenzene		0.00066	0.0020	
135-98-8	sec-Butylbenzene		0.00072	0.0020	
98-06-6	tert-Butylbenzene		0.00065	0.0020	
75-15-0	Carbon Disulfide		0.012	0.020	
56-23-5	Carbon Tetrachloride		0.00078	0.0020	
108-90-7	Chlorobenzene		0.00066	0.0020	
124-48-1	Chlorodibromomethane		0.00088	0.00098	
75-00-3	Chloroethane		0.0014	0.020	
67-66-3	Chloroform		0.00064	0.0039	
74-87-3	Chloromethane		0.0013	0.0098	
110-82-7	Cyclohexane		0.0040	0.0098	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.00081	0.0020	
106-93-4	1,2-Dibromoethane (EDB)		0.00069	0.00098	
95-50-1	1,2-Dichlorobenzene		0.00060	0.0020	
541-73-1	1,3-Dichlorobenzene		0.00058	0.0020	
106-46-7	1,4-Dichlorobenzene		0.00058	0.0020	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.0011	0.020	
75-34-3	1,1-Dichloroethane		0.00060	0.0020	
107-06-2	1,2-Dichloroethane		0.00068	0.0020	
75-35-4	1,1-Dichloroethylene		0.00092	0.0039	
156-59-2	cis-1,2-Dichloroethylene	0.0022	0.00068	0.0020	
156-60-5	trans-1,2-Dichloroethylene		0.00061	0.0020	

1 - FORM I
ANALYSIS DATA SHEET

SB-SW1_0-5

Laboratory:	Pace New England			Work Order:	25J1157
Client:	NYDEC_Environmental Assessmer			Project:	Former Fresh & Clean Laundry - CO 152705
Matrix:	Soil	Laboratory ID:	25J1157-01	File ID:	G25V29322.D
Sampled:	10/15/25 13:03	Prepared:	10/20/25 04:00	Analyzed:	10/20/25 12:46
Solids:	91.56	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	5.6 g / 10 mL				
Batch:	B415668	Sequence:	S127412	Calibration:	2500468	Instrument:	GCMSVOA7

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
78-87-5	1,2-Dichloropropane		0.00063	0.0020	
10061-01-5	cis-1,3-Dichloropropene		0.00084	0.00098	
10061-02-6	trans-1,3-Dichloropropene		0.00078	0.00098	
100-41-4	Ethylbenzene		0.00053	0.0020	
591-78-6	2-Hexanone (MBK)		0.0076	0.020	
98-82-8	Isopropylbenzene (Cumene)		0.00063	0.0020	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.00060	0.0020	
79-20-9	Methyl Acetate		0.0013	0.0020	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.00077	0.0039	
108-87-2	Methyl Cyclohexane		0.00068	0.0020	
75-09-2	Methylene Chloride		0.00069	0.020	UJ
108-10-1	4-Methyl-2-pentanone (MIBK)		0.0094	0.020	
91-20-3	Naphthalene		0.00098	0.0039	
103-65-1	n-Propylbenzene		0.00064	0.0020	
100-42-5	Styrene		0.00062	0.0020	
79-34-5	1,1,2,2-Tetrachloroethane		0.00088	0.00098	
127-18-4	Tetrachloroethylene	0.043	0.00081	0.0020	
108-88-3	Toluene		0.00053	0.0020	
87-61-6	1,2,3-Trichlorobenzene		0.00077	0.0020	
120-82-1	1,2,4-Trichlorobenzene		0.00064	0.0020	
71-55-6	1,1,1-Trichloroethane		0.00068	0.0020	
79-00-5	1,1,2-Trichloroethane		0.00052	0.0020	
79-01-6	Trichloroethylene	0.0031	0.00063	0.0020	
75-69-4	Trichlorofluoromethane (Freon 11)		0.0013	0.0098	
96-18-4	1,2,3-Trichloropropane		0.00088	0.0020	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.0011	0.0098	
95-63-6	1,2,4-Trimethylbenzene		0.00082	0.0020	
108-67-8	1,3,5-Trimethylbenzene		0.00071	0.0020	
75-01-4	Vinyl Chloride		0.00079	0.0098	V-34 UJ

1 - FORM I
ANALYSIS DATA SHEET

SB-SW1_5-10

Laboratory:	Pace New England			Work Order:	25J1157
Client:	NYDEC_Environmental Assessmer			Project:	Former Fresh & Clean Laundry - CO 152705
Matrix:	Soil	Laboratory ID:	25J1157-02	File ID:	G25V29323.D
Sampled:	10/15/25 13:18	Prepared:	10/20/25 04:00	Analyzed:	10/20/25 13:11
Solids:	88.59	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	6.81 g / 10 mL				
Batch:	B415668	Sequence:	S127412	Calibration:	2500468	Instrument:	GCMSVOA7

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
67-64-1	Acetone		0.011	0.083	UJ
71-43-2	Benzene		0.00059	0.0017	
74-97-5	Bromochloromethane		0.00081	0.0017	
75-27-4	Bromodichloromethane		0.00056	0.0017	
75-25-2	Bromoform		0.00095	0.0017	UJ
74-83-9	Bromomethane		0.0013	0.0083	V-34 UJ
78-93-3	2-Butanone (MEK)		0.0072	0.033	
104-51-8	n-Butylbenzene		0.00056	0.0017	
135-98-8	sec-Butylbenzene		0.00061	0.0017	
98-06-6	tert-Butylbenzene		0.00055	0.0017	
75-15-0	Carbon Disulfide		0.010	0.017	
56-23-5	Carbon Tetrachloride		0.00066	0.0017	
108-90-7	Chlorobenzene		0.00056	0.0017	
124-48-1	Chlorodibromomethane		0.00075	0.00083	
75-00-3	Chloroethane		0.0012	0.017	
67-66-3	Chloroform		0.00054	0.0033	
74-87-3	Chloromethane		0.0011	0.0083	
110-82-7	Cyclohexane		0.0034	0.0083	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.00069	0.0017	
106-93-4	1,2-Dibromoethane (EDB)		0.00059	0.00083	
95-50-1	1,2-Dichlorobenzene		0.00051	0.0017	
541-73-1	1,3-Dichlorobenzene		0.00049	0.0017	
106-46-7	1,4-Dichlorobenzene		0.00050	0.0017	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.00093	0.017	
75-34-3	1,1-Dichloroethane		0.00051	0.0017	
107-06-2	1,2-Dichloroethane		0.00058	0.0017	
75-35-4	1,1-Dichloroethylene		0.00078	0.0033	
156-59-2	cis-1,2-Dichloroethylene	0.0025	0.00058	0.0017	
156-60-5	trans-1,2-Dichloroethylene		0.00052	0.0017	

1 - FORM I
ANALYSIS DATA SHEET

SB-SW1_5-10

Laboratory:	Pace New England			Work Order:	25J1157
Client:	NYDEC_Environmental Assessmer			Project:	Former Fresh & Clean Laundry - CO 152705
Matrix:	Soil	Laboratory ID:	25J1157-02	File ID:	G25V29323.D
Sampled:	10/15/25 13:18	Prepared:	10/20/25 04:00	Analyzed:	10/20/25 13:11
Solids:	88.59	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	6.81 g / 10 mL				
Batch:	B415668	Sequence:	S127412	Calibration:	2500468	Instrument:	GCMSVOA7

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
78-87-5	1,2-Dichloropropane		0.00053	0.0017	
10061-01-5	cis-1,3-Dichloropropene		0.00072	0.00083	
10061-02-6	trans-1,3-Dichloropropene		0.00066	0.00083	
100-41-4	Ethylbenzene		0.00045	0.0017	
591-78-6	2-Hexanone (MBK)		0.0065	0.017	
98-82-8	Isopropylbenzene (Cumene)		0.00053	0.0017	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.00051	0.0017	
79-20-9	Methyl Acetate		0.0011	0.0017	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.00066	0.0033	
108-87-2	Methyl Cyclohexane		0.00058	0.0017	
75-09-2	Methylene Chloride		0.00058	0.017	UJ
108-10-1	4-Methyl-2-pentanone (MIBK)		0.0080	0.017	
91-20-3	Naphthalene		0.00084	0.0033	
103-65-1	n-Propylbenzene		0.00054	0.0017	
100-42-5	Styrene		0.00052	0.0017	
79-34-5	1,1,2,2-Tetrachloroethane		0.00075	0.00083	
127-18-4	Tetrachloroethylene	0.049	0.00069	0.0017	
108-88-3	Toluene		0.00045	0.0017	
87-61-6	1,2,3-Trichlorobenzene		0.00065	0.0017	
120-82-1	1,2,4-Trichlorobenzene		0.00054	0.0017	
71-55-6	1,1,1-Trichloroethane		0.00058	0.0017	
79-00-5	1,1,2-Trichloroethane		0.00045	0.0017	
79-01-6	Trichloroethylene	0.0028	0.00054	0.0017	
75-69-4	Trichlorofluoromethane (Freon 11)		0.0011	0.0083	
96-18-4	1,2,3-Trichloropropane		0.00075	0.0017	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.00095	0.0083	
95-63-6	1,2,4-Trimethylbenzene		0.00070	0.0017	
108-67-8	1,3,5-Trimethylbenzene		0.00060	0.0017	
75-01-4	Vinyl Chloride		0.00067	0.0083	V-34 UJ

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ANALYSIS DATA SHEET

SB-NW1_0-5

Laboratory:	Pace New England			Work Order:	25J1157
Client:	NYDEC_Environmental Assessmer			Project:	Former Fresh & Clean Laundry - CO 152705
Matrix:	Soil	Laboratory ID:	25J1157-03	File ID:	G25V29324.D
Sampled:	10/15/25 13:22	Prepared:	10/20/25 04:00	Analyzed:	10/20/25 13:37
Solids:	90.19	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	7.32 g / 10 mL				
Batch:	B415668	Sequence:	S127412	Calibration:	2500468	Instrument:	GCMSVOA7

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
67-64-1	Acetone		0.010	0.076	UJ
71-43-2	Benzene		0.00054	0.0015	
74-97-5	Bromochloromethane		0.00074	0.0015	
75-27-4	Bromodichloromethane		0.00051	0.0015	
75-25-2	Bromoform		0.00087	0.0015	UJ
74-83-9	Bromomethane		0.0012	0.0076	V-34 UJ
78-93-3	2-Butanone (MEK)		0.0065	0.030	
104-51-8	n-Butylbenzene		0.00051	0.0015	
135-98-8	sec-Butylbenzene		0.00056	0.0015	
98-06-6	tert-Butylbenzene		0.00050	0.0015	
75-15-0	Carbon Disulfide		0.0092	0.015	
56-23-5	Carbon Tetrachloride		0.00061	0.0015	
108-90-7	Chlorobenzene		0.00051	0.0015	
124-48-1	Chlorodibromomethane		0.00069	0.00076	
75-00-3	Chloroethane		0.0011	0.015	
67-66-3	Chloroform		0.00050	0.0030	
74-87-3	Chloromethane		0.0010	0.0076	
110-82-7	Cyclohexane		0.0031	0.0076	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.00063	0.0015	
106-93-4	1,2-Dibromoethane (EDB)		0.00054	0.00076	
95-50-1	1,2-Dichlorobenzene		0.00047	0.0015	
541-73-1	1,3-Dichlorobenzene		0.00045	0.0015	
106-46-7	1,4-Dichlorobenzene		0.00045	0.0015	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.00085	0.015	
75-34-3	1,1-Dichloroethane		0.00046	0.0015	
107-06-2	1,2-Dichloroethane		0.00053	0.0015	
75-35-4	1,1-Dichloroethylene		0.00071	0.0030	
156-59-2	cis-1,2-Dichloroethylene	0.015	0.00053	0.0015	
156-60-5	trans-1,2-Dichloroethylene	0.0015	0.00048	0.0015	

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ANALYSIS DATA SHEET

SB-NW1_0-5

Laboratory:	Pace New England			Work Order:	25J1157
Client:	NYDEC_Environmental Assessmer			Project:	Former Fresh & Clean Laundry - CO 152705
Matrix:	Soil	Laboratory ID:	25J1157-03	File ID:	G25V29324.D
Sampled:	10/15/25 13:22	Prepared:	10/20/25 04:00	Analyzed:	10/20/25 13:37
Solids:	90.19	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	7.32 g / 10 mL				
Batch:	B415668	Sequence:	S127412	Calibration:	2500468	Instrument:	GCMSVOA7

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
78-87-5	1,2-Dichloropropane		0.00049	0.0015	
10061-01-5	cis-1,3-Dichloropropene		0.00065	0.00076	
10061-02-6	trans-1,3-Dichloropropene		0.00061	0.00076	
100-41-4	Ethylbenzene		0.00041	0.0015	
591-78-6	2-Hexanone (MBK)		0.0059	0.015	
98-82-8	Isopropylbenzene (Cumene)		0.00049	0.0015	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.00046	0.0015	
79-20-9	Methyl Acetate		0.00099	0.0015	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.00060	0.0030	
108-87-2	Methyl Cyclohexane		0.00053	0.0015	
75-09-2	Methylene Chloride		0.00053	0.015	UJ
108-10-1	4-Methyl-2-pentanone (MIBK)		0.0073	0.015	
91-20-3	Naphthalene		0.00076	0.0030	
103-65-1	n-Propylbenzene		0.00050	0.0015	
100-42-5	Styrene		0.00048	0.0015	
79-34-5	1,1,2,2-Tetrachloroethane		0.00068	0.00076	
108-88-3	Toluene		0.00041	0.0015	
87-61-6	1,2,3-Trichlorobenzene		0.00060	0.0015	
120-82-1	1,2,4-Trichlorobenzene		0.00050	0.0015	
71-55-6	1,1,1-Trichloroethane		0.00053	0.0015	
79-00-5	1,1,2-Trichloroethane		0.00041	0.0015	
79-01-6	Trichloroethylene	0.024	0.00049	0.0015	
75-69-4	Trichlorofluoromethane (Freon 11)		0.0010	0.0076	
96-18-4	1,2,3-Trichloropropane		0.00069	0.0015	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.00086	0.0076	
95-63-6	1,2,4-Trimethylbenzene		0.00064	0.0015	
108-67-8	1,3,5-Trimethylbenzene		0.00055	0.0015	
75-01-4	Vinyl Chloride		0.00061	0.0076	V-34 UJ
179601-23-1	m+p Xylene		0.00081	0.0030	

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ANALYSIS DATA SHEET

SB-NW1_8-10

Laboratory:	Pace New England			Work Order:	25J1157
Client:	NYDEC_Environmental Assessmer			Project:	Former Fresh & Clean Laundry - CO 152705
Matrix:	Soil	Laboratory ID:	25J1157-04	File ID:	C25V29526.D
Sampled:	10/15/25 13:37	Prepared:	10/20/25 12:16	Analyzed:	10/22/25 18:56
Solids:	87.38	Preparation:	SW-846 5035	Dilution:	4
Initial/Final:	7.68 g / 5.97 mL				
Batch:	B415765	Sequence:	S127548	Calibration:	2200537	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
67-64-1	Acetone		0.34	8.9	V-05 UJ
71-43-2	Benzene		0.033	0.18	
74-97-5	Bromochloromethane		0.060	0.18	
75-27-4	Bromodichloromethane		0.024	0.18	
75-25-2	Bromoform		0.056	0.18	
74-83-9	Bromomethane		0.16	0.36	V-05 UJ
78-93-3	2-Butanone (MEK)		0.26	3.6	
104-51-8	n-Butylbenzene		0.026	0.18	
135-98-8	sec-Butylbenzene		0.025	0.18	
98-06-6	tert-Butylbenzene		0.024	0.18	
75-15-0	Carbon Disulfide		0.28	0.89	
56-23-5	Carbon Tetrachloride		0.031	0.18	
108-90-7	Chlorobenzene		0.021	0.18	
124-48-1	Chlorodibromomethane		0.022	0.089	
75-00-3	Chloroethane		0.077	0.36	
67-66-3	Chloroform		0.025	0.36	
74-87-3	Chloromethane		0.069	0.36	UJ
110-82-7	Cyclohexane		0.23	0.36	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.11	0.89	V-05 UJ
106-93-4	1,2-Dibromoethane (EDB)		0.022	0.089	
95-50-1	1,2-Dichlorobenzene		0.023	0.18	
541-73-1	1,3-Dichlorobenzene		0.024	0.18	
106-46-7	1,4-Dichlorobenzene		0.025	0.18	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	0.36	
75-34-3	1,1-Dichloroethane		0.033	0.18	
107-06-2	1,2-Dichloroethane		0.050	0.18	R-05
75-35-4	1,1-Dichloroethylene		0.027	0.18	
156-59-2	cis-1,2-Dichloroethylene	6.3	0.034	0.18	
156-60-5	trans-1,2-Dichloroethylene	0.077	0.033	0.18	J

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ANALYSIS DATA SHEET

Trip Blank

Laboratory:	Pace New England			Work Order:	25J1157
Client:	NYDEC_Environmental Assessmer			Project:	Former Fresh & Clean Laundry - CO 152705
Matrix:	Trip Blank Water	Laboratory ID:	25J1157-05	File ID:	C25V29433.D
Sampled:	10/15/25 00:00	Prepared:	10/20/25 10:22	Analyzed:	10/21/25 22:49
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B415658	Sequence:	S127496	Calibration:	2200537	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		1.9	50	
71-43-2	Benzene		0.19	1.0	
74-97-5	Bromochloromethane		0.34	1.0	UJ
75-27-4	Bromodichloromethane		0.14	0.50	
75-25-2	Bromoform		0.32	1.0	
74-83-9	Bromomethane		0.91	2.0	V-05 UJ
78-93-3	2-Butanone (MEK)		1.5	20	
104-51-8	n-Butylbenzene		0.14	1.0	
135-98-8	sec-Butylbenzene		0.14	1.0	
98-06-6	tert-Butylbenzene		0.13	1.0	
75-15-0	Carbon Disulfide		1.6	5.0	
56-23-5	Carbon Tetrachloride		0.18	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.43	2.0	
67-66-3	Chloroform		0.14	2.0	
74-87-3	Chloromethane		0.39	2.0	UJ
110-82-7	Cyclohexane		1.3	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.62	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.12	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.14	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.23	2.0	
75-34-3	1,1-Dichloroethane		0.19	1.0	
107-06-2	1,2-Dichloroethane		0.28	1.0	
75-35-4	1,1-Dichloroethylene		0.15	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.19	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.19	1.0	

Environmental Assessment & Remediations
A LaBella Company

December 4, 2025

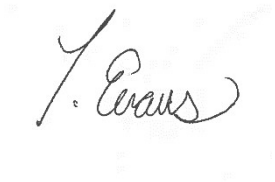
To: Trisha Vicale
Environmental Assessment & Remediations
A Labella Company
225 Atlantic Avenue
Patchogue, NY 11772

Subject: NYSDEC Site No. 130111, Former Fresh & Clean Laundry, located at 22-26 Railroad Ave., Glen Head - Data Usability Summary Report

The Following Item Transmitted:
Data Package:

Originals	Description of Materials	Electronic/ Hard Copy
1	25J1233_CatB_Package_Mini_Final Report.pdf	Electronic
1	25J1233_EquNysdec.xlsx	Electronic

Signature:



Tracey Evans
Chemist
tevans@labellapc.com
Environmental Assessment & Remediations
A Labella Company
225 Atlantic Avenue
Patchogue, New York 11772
631-447-6400 ext.124

A LaBella Company

Former Fresh & Clean Laundry, located at 22-26 Railroad Ave., Glen Head - Data Usability Summary Report for October 15, 2025, Soil and Groundwater Samples

Client: Environmental Assessment & Remediations, Patchogue, New York
Laboratory: Pace Analytical Service (NY Cert. #10899)
Site: Former Fresh & Clean Laundry (Site# 130111)
Location: 22-26 Railroad Ave., Glen Head

Lab Job ID: 25J1233

Lab ID	Field ID	Collection Date	Matrix	Methods Evaluated				
				VOCs 8260C	SVOCs 8270D	PCBs 8082A	Metals 6010D and 7471B	General Chemistry SM 2540G
25J1233-01	SB-SE1_112.5-115	10/16/2025	Soil	x				
25J1233-02	Trip Blank	10/16/2025	Trip Blank Soil	x				
25J1233-03	Waste-Characterization_Soil	10/16/2025	Soil	x	x	x	x	x
25J1233-04	SB-SE1_115	10/16/2025	Groundwater	x				
25J1233-05	SB-SE1_133	10/16/2025	Groundwater	x				
25J1233-06	SB-NW1-10-12.5	10/16/2025	Soil	x				
25J1233-07	SB-NW1-12.5-15	10/16/2025	Soil	x				
25J1233-08	SB-NW1-15-20	10/16/2025	Soil	x				
25J1233-09	Cistern_North	10/16/2025	Groundwater	x				

Laboratory report reviewed under:

- USEPA Contract Laboratory Program National Functional Guidance for Organic Superfund Methods Data Review, EPA 542-R-20-005 (January 2020).
- USEPA Contract Laboratory Program National Functional Guidance for Inorganic Superfund Methods Data Review, EPA 542-R-20-006 (January 2020).
- VOA Standard Operation for the Validation of Volatile Data, QA-HWSS-A-004 (March 2022).
- VOA Standard Operation for the Validation of Semivolatile Data, QA-HWSS-A-005 (April 2022).
- Standard Operating Procedure for the Validation of Polychlorinated Biphenyl (PCB) Aroclor Data, SOP#QA-HWSS-A-006 (March 2022)
- Standard Operating Procedure for the Validation of Mercury Data, SOP#QA-HWSS-A-011 (March 2022)
- Standard Operating Procedure for the Validation of ICP-AES Data, QA-HWSS-A-010 (February 2022)
- Standard Methods for the Examination of Water and Wastewater, 24th edition, SM 2540 Solids (2017)
- Professional judgment.

Criteria for Data Usability Summary Report

Completeness:
A complete data package contains all relevant and related material, packaged for distribution to its client, in accordance with the Analytical Service Protocol (ASP) Category B Deliverables guidelines.

Compliant:
A compliant data package is determined to contain all work related to the production of laboratory data in a manner consistent with the Quality Assurance Program Plan.

Overall Usability Issue
Data validation completed per the New York State Department of Environmental Conservation Analytical Service Protocol (NYSDEC ASP) Category B Data Deliverable requirements and reviewer's professional judgment.

This analytical report complies with the following points:

1. Holding Time and Analysis Time
2. Sample Analysis and Quality Control.

In conclusion, the data reviewed in this report is usable data which meets the criteria for compliance with methods 8260C, 8270D, 8082A, 6010D,7196A, and SM 2540Ge.

Data Completeness

- A complete Category B data package under the NYSDEC ASP has been reported.

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Data Validation Acronyms

AA	Atomic Absorption, Flame Technique
BHC	Hexachlorocylcohexane
BFB	Bromofluorobenzene (Tune check analyte)
CCC	Continuing Calibration Check
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
CVAA	Atomic Absorption, Cold Vapor
DCAA	2,4-Dichlorophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine (Tune check analyte)
DL	Detection Limit
ECD	Electron Capture Detector
FAA	Atomic Absorption, Furnace Technique
FID	Flame Ionization Detector
FNP	1-Fluoronapthalene
GC	Gas Chromatography
GC/MS	Gas Chromatography/ Mass Spectrometry
GPC	Gel Permeation Chromatography
ICB	Initial Calibration Blank
ICP	Inductively Coupled Plasma – Atomic Emission Spectrometer
ICV	Initial Calibration Verification
IDL	Instrument Detection Limit
ICAL	Initial Calibration Curve
IS	Internal Standard
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LCS/LCSD	Laboratory Control Sample/ Laboratory Control Sample Duplicate
MB	Method Blank
MS	Matrix Spike
BNAMS11	Method of Standard Additions
MSD	Matrix Spike Duplicate
MS/MSD	Matrix Spike/ Matrix Spike Duplicate
ND	Non-detected or Not Detected
PID	Photo Ionization Detector

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Data Validation Acronyms

PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
PQL	Practical Quantitation Limit
QA	Quality Assurance
QA/QC	Quality Assurance/ Quality Control
QC	Quality Control
RF	Response Factor
RPD	Relative Percent Difference
RL	Reporting Limit
RRF	Relative Response Factor
RT	Retention Time
RRT	Relative Retention Time
SDG	Sample Delivery Group
SMC	System Monitoring Compounds/ Surrogates
SPCC	Sample Performance Check Compound
TCX	Tetrachloro-m-xylene
%D	Percent Drift
%R	Percent Recovery
%RSD	Percent Relative Standard Deviation

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Data Validation Qualifiers

U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
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.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
R	The data is unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.

Note:

1. These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.

2. The EDDs are assigned these data validation qualifiers and refer to the valid value list supplied by the specific agency or informational data system.

Method 8260D VOCs Review Summary:

Samples were handled and analyzed properly under USEPA Contract Laboratory Program National Functional Guidance for Super Organic Methods Data and QA-HWSS-A-004 VOA Standard Operation for the Validation of Volatile Data.

• Within initial calibrations verification, S122642-ICV1 analytes Acetone, Bromomethane, Methyl Acetate, and Vinyl Chloride were outside of acceptable %Diff, which led to qualification of compounds within samples SB-SE1_112.5-115, Trip Blank, Waste-Characterization_Soil, SB-NW1-10-12.5, and SB-NW1-15-
20.

• Within CCV associated with S127599-CCV1, analytes Bromofrom, Bromomethane, Methyl Acetate, and 1,2,4-Trichlorobenzene recovered beyond limits of %D, which led to the qualification of non-detect estimate "UJ" values within the associated sample Waste-Characterization_Soil.

• Within CCV associated with S127548-CCV1, analytes Acetone, Bromomethane, and Chloromethane recovered beyond limits of %D, which led to the qualification of non-detect estimate "UJ" values within the associated sample Cistern_North.

• Within CCV associated with S127510-CCV1, analytes Bromoform and Bromomethane recovered beyond limits of %D, which led to the qualification of non-detect estimate "UJ" values within associated samples Trip Blank, SB-SEI_112.5-115, SB-NW1-10-12.5, and SB-NW1-15-20.

• Within CCV associated with S127496-CCV1, analytes Bromochloromethane, Bromomethane, and Chloromethane recovered beyond limits of %D, which led to the qualification of non-detect estimate "UJ" values within the associated samples SB-SEI_115 and SB-SEI_133.

• Within CCV associated with S127492-CCV1, analytes Bromochloromethane, Chloromethane, Dichlorodifluoromethane (Freon 12), and Methyl Cyclohexane recovered beyond limits of %D, which led to the qualification of non-detect estimate "UJ" values within the associated sample SB-NW1-12.5-15.

The data met the category B criterion and is therefore usable.

Method 8270D SVOCs Review Summary:

Samples were handled and analyzed properly under EPA Region 2 protocol Standard Operating Procedure for Validation of Semivolatile Data, QA-HWSS-A-005, along with the EPA's National Functional Guideline for Organic Compounds.

• Within continuing calibration verification S127754-CCV2, analytes Atrazine, Benzaldehyde, and Caprolactam exceeded %D, leading to qualification within the Waste-Characterization_Soil sample as non-detected estimate "UJ" values.

• Within continuing calibration verification S127754-CCV1, analytes 2,4-Dinitrotoluene, Hexachlorocyclopentadiene, and 4-Nitrophenol exceeded %D, led to qualification within the sample as non-detected estimate "UJ" values.

The data met the category B criterion and is therefore usable.

Method 8082A PCB Review Summary:

Samples were handled and analyzed properly under EPA Region 2 protocol Standard Operating Procedure for Validation of Polychlorinated Biphenyl (PCB) Aroclor Data, SOP#QA-HWSS-A-006.

• Within initial calibration verification S127482-ICV1, Aroclor-1242, Aroclor-1266, and Aroclor-1221 %D above laboratory limit but not detected within the sample, no further qualification is needed.

The data met the category B criterion and is therefore usable.

Method SM 2540G Percent Solid Review Summary:

Samples were handled and analyzed properly under the SM 2540G method to determine Total, Fixed, and Solids in Solid and Semisolid Samples, and are within the criteria of greater than 30% solid as noted in the National Functional Guideline for Organic Superfund Method Data Review.

The data met the category B criterion and is therefore usable.

Methods 6010D and 7470A Metals and Mercury Review Summary:

Samples were handled and analyzed properly under SOP#QA-HWSS-A-010.

• Iron was detected in all blanks, including instrument, initial, and continuous calibrations, but was over a thousand times lower than that of sample detection. No further qualification is needed

• Within Matrix samples (WG2134006-4, WG2134006-7, and WG2134006-8), Iron and Manganese recovery were above laboratory limits, but none of the matrices were part of the sample L2566850 package.

The data met the category B criterion and is therefore usable.

Attachments for Method Review

1 - FORM I
ANALYSIS DATA SHEET

SB-SEI_112.5-115

Laboratory:	Pace New England			Work Order:	25J1233
Client:	NYDEC_Environmental Assessmer			Project:	Former Fresh & Clean Laundry - CO 152705
Matrix:	Soil	Laboratory ID:	25J1233-01	File ID:	G25V29410.D
Sampled:	10/16/25 08:59	Prepared:	10/21/25 04:00	Analyzed:	10/21/25 07:31
Solids:	87.55	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	6.1 g / 10 mL				
Batch:	B415760	Sequence:	S127510	Calibration:	2500468
Instrument:	GCMSVOA7				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
67-64-1	Acetone		0.012	0.094	
71-43-2	Benzene		0.00067	0.0019	
74-97-5	Bromochloromethane		0.00092	0.0019	
75-27-4	Bromodichloromethane		0.00063	0.0019	
75-25-2	Bromoform		0.0011	0.0019	UJ
74-83-9	Bromomethane		0.0014	0.0094	V-34 UJ
78-93-3	2-Butanone (MEK)		0.0081	0.037	
104-51-8	n-Butylbenzene		0.00063	0.0019	
135-98-8	sec-Butylbenzene		0.00069	0.0019	
98-06-6	tert-Butylbenzene		0.00062	0.0019	
75-15-0	Carbon Disulfide		0.011	0.019	
56-23-5	Carbon Tetrachloride		0.00075	0.0019	
108-90-7	Chlorobenzene		0.00063	0.0019	
124-48-1	Chlorodibromomethane		0.00085	0.00094	
75-00-3	Chloroethane		0.0013	0.019	
67-66-3	Chloroform		0.00062	0.0037	
74-87-3	Chloromethane		0.0013	0.0094	
110-82-7	Cyclohexane		0.0038	0.0094	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.00078	0.0019	
106-93-4	1,2-Dibromoethane (EDB)		0.00067	0.00094	
95-50-1	1,2-Dichlorobenzene		0.00058	0.0019	
541-73-1	1,3-Dichlorobenzene		0.00056	0.0019	
106-46-7	1,4-Dichlorobenzene		0.00056	0.0019	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.0011	0.019	
75-34-3	1,1-Dichloroethane		0.00057	0.0019	
107-06-2	1,2-Dichloroethane		0.00065	0.0019	
75-35-4	1,1-Dichloroethylene		0.00088	0.0037	
156-59-2	cis-1,2-Dichloroethylene		0.00066	0.0019	
156-60-5	trans-1,2-Dichloroethylene		0.00059	0.0019	

1 - FORM I
ANALYSIS DATA SHEET

Trip Blank

Laboratory:	Pace New England			Work Order:	25J1233
Client:	NYDEC_Environmental Assessmer			Project:	Former Fresh & Clean Laundry - CO 152705
Matrix:	Trip Blank Soil	Laboratory ID:	25J1233-02	File ID:	G25V29409.D
Sampled:	10/16/25 08:00	Prepared:	10/21/25 04:00	Analyzed:	10/21/25 07:05
Solids:		Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	5 g / 10 mL				
Batch:	B415760	Sequence:	S127510	Calibration:	2500468
Instrument:	GCMSVOA7				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
67-64-1	Acetone		0.013	0.10	
71-43-2	Benzene		0.00071	0.0020	
74-97-5	Bromochloromethane		0.00098	0.0020	
75-27-4	Bromodichloromethane		0.00068	0.0020	
75-25-2	Bromoform		0.0011	0.0020	UJ
74-83-9	Bromomethane		0.0015	0.010	V-34 UJ
78-93-3	2-Butanone (MEK)		0.0086	0.040	
104-51-8	n-Butylbenzene		0.00068	0.0020	
135-98-8	sec-Butylbenzene		0.00073	0.0020	
98-06-6	tert-Butylbenzene		0.00066	0.0020	
75-15-0	Carbon Disulfide		0.012	0.020	
56-23-5	Carbon Tetrachloride		0.00080	0.0020	
108-90-7	Chlorobenzene		0.00068	0.0020	
124-48-1	Chlorodibromomethane		0.00091	0.0010	
75-00-3	Chloroethane		0.0014	0.020	
67-66-3	Chloroform		0.00066	0.0040	
74-87-3	Chloromethane		0.0013	0.010	
110-82-7	Cyclohexane		0.0041	0.010	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.00083	0.0020	
106-93-4	1,2-Dibromoethane (EDB)		0.00071	0.0010	
95-50-1	1,2-Dichlorobenzene		0.00062	0.0020	
541-73-1	1,3-Dichlorobenzene		0.00060	0.0020	
106-46-7	1,4-Dichlorobenzene		0.00060	0.0020	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.0011	0.020	
75-34-3	1,1-Dichloroethane		0.00061	0.0020	
107-06-2	1,2-Dichloroethane		0.00070	0.0020	
75-35-4	1,1-Dichloroethylene		0.00094	0.0040	
156-59-2	cis-1,2-Dichloroethylene		0.00070	0.0020	
156-60-5	trans-1,2-Dichloroethylene		0.00063	0.0020	

1 - FORM I
ANALYSIS DATA SHEET

Waste-Characterization_Soil

Laboratory:	Pace New England			Work Order:	25J1233
Client:	NYDEC_Environmental Assessmer			Project:	Former Fresh & Clean Laundry - CO 152705
Matrix:	Soil	Laboratory ID:	25J1233-03	File ID:	G25V29610.D
Sampled:	10/16/25 09:48	Prepared:	10/23/25 04:00	Analyzed:	10/23/25 07:26
Solids:	90.41	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	5.7 g / 10 mL				
Batch:	B415947	Sequence:	S127599	Calibration:	2500468	Instrument:	GCMSVOA7

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
67-64-1	Acetone		0.013	0.097	
71-43-2	Benzene		0.00069	0.0019	
74-97-5	Bromochloromethane		0.00095	0.0019	
75-27-4	Bromodichloromethane		0.00066	0.0019	
75-25-2	Bromoform		0.0011	0.0019	UJ
74-83-9	Bromomethane		0.0015	0.0097	V-34 UJ
78-93-3	2-Butanone (MEK)		0.0084	0.039	
104-51-8	n-Butylbenzene		0.00066	0.0019	
135-98-8	sec-Butylbenzene		0.00071	0.0019	
98-06-6	tert-Butylbenzene		0.00064	0.0019	
75-15-0	Carbon Disulfide		0.012	0.019	
56-23-5	Carbon Tetrachloride		0.00078	0.0019	
108-90-7	Chlorobenzene		0.00066	0.0019	
124-48-1	Chlorodibromomethane		0.00088	0.00097	
75-00-3	Chloroethane		0.0014	0.019	
67-66-3	Chloroform		0.00064	0.0039	
74-87-3	Chloromethane		0.0013	0.0097	
110-82-7	Cyclohexane		0.0039	0.0097	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.00081	0.0019	
106-93-4	1,2-Dibromoethane (EDB)		0.00069	0.00097	
95-50-1	1,2-Dichlorobenzene		0.00060	0.0019	
541-73-1	1,3-Dichlorobenzene		0.00058	0.0019	
106-46-7	1,4-Dichlorobenzene		0.00058	0.0019	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.0011	0.019	
75-34-3	1,1-Dichloroethane		0.00059	0.0019	
107-06-2	1,2-Dichloroethane		0.00068	0.0019	
75-35-4	1,1-Dichloroethylene		0.00091	0.0039	
156-59-2	cis-1,2-Dichloroethylene		0.00068	0.0019	
156-60-5	trans-1,2-Dichloroethylene		0.00061	0.0019	

1 - FORM I
ANALYSIS DATA SHEET

Waste-Characterization_Soil

Laboratory:	Pace New England			Work Order:	25J1233
Client:	NYDEC_Environmental Assessmer			Project:	Former Fresh & Clean Laundry - CO 152705
Matrix:	Soil	Laboratory ID:	25J1233-03	File ID:	G25V29610.D
Sampled:	10/16/25 09:48	Prepared:	10/23/25 04:00	Analyzed:	10/23/25 07:26
Solids:	90.41	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	5.7 g / 10 mL				
Batch:	B415947	Sequence:	S127599	Calibration:	2500468
Instrument:	GCMSVOA7				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
78-87-5	1,2-Dichloropropane		0.00062	0.0019	
10061-01-5	cis-1,3-Dichloropropene		0.00084	0.00097	
10061-02-6	trans-1,3-Dichloropropene		0.00078	0.00097	
100-41-4	Ethylbenzene		0.00053	0.0019	
591-78-6	2-Hexanone (MBK)		0.0076	0.019	
98-82-8	Isopropylbenzene (Cumene)		0.00062	0.0019	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.00059	0.0019	
79-20-9	Methyl Acetate		0.0013	0.0019	UJ
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.00077	0.0039	
108-87-2	Methyl Cyclohexane		0.00068	0.0019	
75-09-2	Methylene Chloride		0.00068	0.019	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.0094	0.019	
91-20-3	Naphthalene		0.00098	0.0039	
103-65-1	n-Propylbenzene		0.00064	0.0019	
100-42-5	Styrene		0.00061	0.0019	
79-34-5	1,1,2,2-Tetrachloroethane		0.00087	0.00097	
127-18-4	Tetrachloroethylene	0.0028	0.00080	0.0019	
108-88-3	Toluene		0.00053	0.0019	
87-61-6	1,2,3-Trichlorobenzene		0.00077	0.0019	
120-82-1	1,2,4-Trichlorobenzene		0.00064	0.0019	V-05 UJ
71-55-6	1,1,1-Trichloroethane		0.00068	0.0019	
79-00-5	1,1,2-Trichloroethane		0.00052	0.0019	
79-01-6	Trichloroethylene		0.00063	0.0019	
75-69-4	Trichlorofluoromethane (Freon 11)		0.0013	0.0097	
96-18-4	1,2,3-Trichloropropane		0.00088	0.0019	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.0011	0.0097	
95-63-6	1,2,4-Trimethylbenzene		0.00082	0.0019	
108-67-8	1,3,5-Trimethylbenzene		0.00070	0.0019	
75-01-4	Vinyl Chloride		0.00078	0.0097	V-34

1 - FORM I
ANALYSIS DATA SHEET

SB-NW1-10-12.5

Laboratory:	Pace New England			Work Order:	25J1233
Client:	NYDEC_Environmental Assessmer			Project:	Former Fresh & Clean Laundry - CO 152705
Matrix:	Soil	Laboratory ID:	25J1233-06	File ID:	G25V29411.D
Sampled:	10/16/25 13:27	Prepared:	10/21/25 04:00	Analyzed:	10/21/25 07:56
Solids:	87.68	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	7.9 g / 10 mL				
Batch:	B415760	Sequence:	S127510	Calibration:	2500468
Instrument:	GCMSVOA7				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
67-64-1	Acetone	0.017	0.0095	0.072	J
71-43-2	Benzene		0.00051	0.0014	
74-97-5	Bromochloromethane		0.00071	0.0014	
75-27-4	Bromodichloromethane		0.00049	0.0014	
75-25-2	Bromoform		0.00083	0.0014	UJ
74-83-9	Bromomethane		0.0011	0.0072	V-34 UJ
78-93-3	2-Butanone (MEK)		0.0062	0.029	
104-51-8	n-Butylbenzene		0.00049	0.0014	
135-98-8	sec-Butylbenzene		0.00053	0.0014	
98-06-6	tert-Butylbenzene		0.00048	0.0014	
75-15-0	Carbon Disulfide		0.0088	0.014	
56-23-5	Carbon Tetrachloride		0.00058	0.0014	
108-90-7	Chlorobenzene		0.00049	0.0014	
124-48-1	Chlorodibromomethane		0.00065	0.00072	
75-00-3	Chloroethane		0.0010	0.014	
67-66-3	Chloroform		0.00047	0.0029	
74-87-3	Chloromethane		0.00097	0.0072	
110-82-7	Cyclohexane		0.0029	0.0072	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.00060	0.0014	
106-93-4	1,2-Dibromoethane (EDB)		0.00051	0.00072	
95-50-1	1,2-Dichlorobenzene		0.00044	0.0014	
541-73-1	1,3-Dichlorobenzene		0.00043	0.0014	
106-46-7	1,4-Dichlorobenzene		0.00043	0.0014	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.00081	0.014	
75-34-3	1,1-Dichloroethane		0.00044	0.0014	
107-06-2	1,2-Dichloroethane		0.00050	0.0014	
75-35-4	1,1-Dichloroethylene		0.00068	0.0029	
156-59-2	cis-1,2-Dichloroethylene	0.023	0.00051	0.0014	
156-60-5	trans-1,2-Dichloroethylene	0.0022	0.00045	0.0014	

1 - FORM I
ANALYSIS DATA SHEET

SB-NW1-12.5-15

Laboratory:	Pace New England			Work Order:	25J1233
Client:	NYDEC_Environmental Assessmer			Project:	Former Fresh & Clean Laundry - CO 152705
Matrix:	Soil	Laboratory ID:	25J1233-07	File ID:	C25V29422.D
Sampled:	10/16/25 13:27	Prepared:	10/20/25 12:16	Analyzed:	10/21/25 17:57
Solids:	93.53	Preparation:	SW-846 5035	Dilution:	1000
Initial/Final:	6.05 g / 5 mL				
Batch:	B415670	Sequence:	S127492	Calibration:	2200537	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
67-64-1	Acetone		85	2200	
71-43-2	Benzene		8.3	44	
74-97-5	Bromochloromethane		15	44	UJ
75-27-4	Bromodichloromethane		6.1	44	
75-25-2	Bromoform		14	44	
74-83-9	Bromomethane		40	88	
78-93-3	2-Butanone (MEK)		65	880	
104-51-8	n-Butylbenzene		6.3	44	
135-98-8	sec-Butylbenzene		6.3	44	
98-06-6	tert-Butylbenzene		5.9	44	
75-15-0	Carbon Disulfide		69	220	
56-23-5	Carbon Tetrachloride		7.8	44	
108-90-7	Chlorobenzene		5.2	44	
124-48-1	Chlorodibromomethane		5.4	22	
75-00-3	Chloroethane		19	88	
67-66-3	Chloroform		6.1	88	
74-87-3	Chloromethane		17	88	UJ
110-82-7	Cyclohexane		57	88	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		27	220	
106-93-4	1,2-Dibromoethane (EDB)		5.4	22	
95-50-1	1,2-Dichlorobenzene		5.8	44	
541-73-1	1,3-Dichlorobenzene		6.0	44	
106-46-7	1,4-Dichlorobenzene		6.2	44	
75-71-8	Dichlorodifluoromethane (Freon 12)		10	88	R-05 UJ
75-34-3	1,1-Dichloroethane		8.2	44	
107-06-2	1,2-Dichloroethane		12	44	
75-35-4	1,1-Dichloroethylene		6.7	44	
156-59-2	cis-1,2-Dichloroethylene	45	8.4	44	
156-60-5	trans-1,2-Dichloroethylene		8.3	44	

1 - FORM I
ANALYSIS DATA SHEET

SB-NW1-12.5-15

Laboratory:	Pace New England			Work Order:	25J1233
Client:	NYDEC_Environmental Assessmer			Project:	Former Fresh & Clean Laundry - CO 152705
Matrix:	Soil	Laboratory ID:	25J1233-07	File ID:	C25V29422.D
Sampled:	10/16/25 13:27	Prepared:	10/20/25 12:16	Analyzed:	10/21/25 17:57
Solids:	93.53	Preparation:	SW-846 5035	Dilution:	1000
Initial/Final:	6.05 g / 5 mL				
Batch:	B415670	Sequence:	S127492	Calibration:	2200537	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
78-87-5	1,2-Dichloropropane		8.7	44	
10061-01-5	cis-1,3-Dichloropropene		7.1	22	
10061-02-6	trans-1,3-Dichloropropene		7.0	22	
100-41-4	Ethylbenzene		5.0	44	
591-78-6	2-Hexanone (MBK)		55	440	
98-82-8	Isopropylbenzene (Cumene)		7.0	44	
99-87-6	p-Isopropyltoluene (p-Cymene)		6.1	44	
79-20-9	Methyl Acetate		18	440	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		5.0	44	
108-87-2	Methyl Cyclohexane		7.5	44	UJ
75-09-2	Methylene Chloride		7.3	220	
108-10-1	4-Methyl-2-pentanone (MIBK)		54	440	
91-20-3	Naphthalene		9.1	88	
103-65-1	n-Propylbenzene		5.0	44	
100-42-5	Styrene		6.9	44	
79-34-5	1,1,2,2-Tetrachloroethane		5.1	22	
127-18-4	Tetrachloroethylene	3200	6.5	44	
108-88-3	Toluene		4.8	44	
87-61-6	1,2,3-Trichlorobenzene		9.1	220	
120-82-1	1,2,4-Trichlorobenzene		8.0	44	
71-55-6	1,1,1-Trichloroethane		6.8	44	
79-00-5	1,1,2-Trichloroethane		6.7	44	
79-01-6	Trichloroethylene	72	6.9	44	
75-69-4	Trichlorofluoromethane (Freon 11)		7.1	88	
96-18-4	1,2,3-Trichloropropane		10	88	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		6.4	44	
95-63-6	1,2,4-Trimethylbenzene		6.7	44	
108-67-8	1,3,5-Trimethylbenzene		6.9	44	
75-01-4	Vinyl Chloride		9.6	88	

1 - FORM I
ANALYSIS DATA SHEET

SB-NW1-15-20

Laboratory:	Pace New England			Work Order:	25J1233
Client:	NYDEC_Environmental Assessmer			Project:	Former Fresh & Clean Laundry - CO 152705
Matrix:	Soil	Laboratory ID:	25J1233-08	File ID:	G25V29412.D
Sampled:	10/16/25 13:34	Prepared:	10/21/25 04:00	Analyzed:	10/21/25 08:22
Solids:	93.31	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	5.65 g / 10 mL				
Batch:	B415760	Sequence:	S127510	Calibration:	2500468	Instrument:	GCMSVOA7

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
67-64-1	Acetone		0.012	0.095	
71-43-2	Benzene		0.00067	0.0019	
74-97-5	Bromochloromethane		0.00093	0.0019	
75-27-4	Bromodichloromethane		0.00064	0.0019	
75-25-2	Bromoform		0.0011	0.0019	UJ
74-83-9	Bromomethane		0.0015	0.0095	V-34 UJ
78-93-3	2-Butanone (MEK)		0.0082	0.038	
104-51-8	n-Butylbenzene	0.0013	0.00064	0.0019	J
135-98-8	sec-Butylbenzene		0.00070	0.0019	
98-06-6	tert-Butylbenzene		0.00063	0.0019	
75-15-0	Carbon Disulfide		0.012	0.019	
56-23-5	Carbon Tetrachloride		0.00076	0.0019	
108-90-7	Chlorobenzene		0.00064	0.0019	
124-48-1	Chlorodibromomethane		0.00086	0.00095	
75-00-3	Chloroethane		0.0013	0.019	
67-66-3	Chloroform		0.00062	0.0038	
74-87-3	Chloromethane		0.0013	0.0095	
110-82-7	Cyclohexane		0.0039	0.0095	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.00079	0.0019	
106-93-4	1,2-Dibromoethane (EDB)		0.00068	0.00095	
95-50-1	1,2-Dichlorobenzene	0.0012	0.00058	0.0019	J
541-73-1	1,3-Dichlorobenzene		0.00056	0.0019	
106-46-7	1,4-Dichlorobenzene		0.00057	0.0019	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.0011	0.019	
75-34-3	1,1-Dichloroethane		0.00058	0.0019	
107-06-2	1,2-Dichloroethane		0.00066	0.0019	
75-35-4	1,1-Dichloroethylene		0.00089	0.0038	
156-59-2	cis-1,2-Dichloroethylene	0.17	0.00066	0.0019	
156-60-5	trans-1,2-Dichloroethylene	0.0024	0.00060	0.0019	

1 - FORM I
ANALYSIS DATA SHEET

Cistern_North

Laboratory:	Pace New England			Work Order:	25J1233
Client:	NYDEC_Environmental Assessmer			Project:	Former Fresh & Clean Laundry - CO 152705
Matrix:	Ground Water	Laboratory ID:	25J1233-09	File ID:	C25V29446.D
Sampled:	10/16/25 07:25	Prepared:	10/20/25 10:22	Analyzed:	10/22/25 04:34
Solids:		Preparation:	SW-846 5030B	Dilution:	40
Initial/Final:	5 mL / 5 mL				
Batch:	B415658	Sequence:	S127496	Calibration:	2200537	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		77	2000	UJ
71-43-2	Benzene		7.5	40	
74-97-5	Bromochloromethane		14	40	
75-27-4	Bromodichloromethane		5.5	20	
75-25-2	Bromoform		13	40	
74-83-9	Bromomethane		37	80	V-05 UJ
78-93-3	2-Butanone (MEK)		58	800	
104-51-8	n-Butylbenzene		5.7	40	
135-98-8	sec-Butylbenzene		5.7	40	
98-06-6	tert-Butylbenzene		5.3	40	
75-15-0	Carbon Disulfide		62	200	
56-23-5	Carbon Tetrachloride		7.0	200	
108-90-7	Chlorobenzene		4.7	40	
124-48-1	Chlorodibromomethane		4.9	20	
75-00-3	Chloroethane		17	80	
67-66-3	Chloroform		5.5	80	
74-87-3	Chloromethane		15	80	UJ
110-82-7	Cyclohexane		52	200	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		25	200	
106-93-4	1,2-Dibromoethane (EDB)		4.9	20	
95-50-1	1,2-Dichlorobenzene		5.2	40	
541-73-1	1,3-Dichlorobenzene		5.4	40	
106-46-7	1,4-Dichlorobenzene		5.6	40	
75-71-8	Dichlorodifluoromethane (Freon 12)		9.0	80	
75-34-3	1,1-Dichloroethane		7.4	40	
107-06-2	1,2-Dichloroethane		11	40	
75-35-4	1,1-Dichloroethylene		6.1	40	
156-59-2	cis-1,2-Dichloroethylene	3800	7.6	40	
156-60-5	trans-1,2-Dichloroethylene	46	7.5	40	

1 - FORM I
ANALYSIS DATA SHEET

SB-SE1_115

Laboratory:	Pace New England			Work Order:	25J1233
Client:	NYDEC_Environmental Assessmer			Project:	Former Fresh & Clean Laundry - CO 152705
Matrix:	Ground Water	Laboratory ID:	25J1233-04	File ID:	C25V29443.D
Sampled:	10/16/25 11:20	Prepared:	10/20/25 10:22	Analyzed:	10/22/25 03:14
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B415658	Sequence:	S127496	Calibration:	2200537	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		1.9	50	
71-43-2	Benzene		0.19	1.0	
74-97-5	Bromochloromethane		0.34	1.0	UJ
75-27-4	Bromodichloromethane		0.14	0.50	
75-25-2	Bromoform		0.32	1.0	
74-83-9	Bromomethane		0.91	2.0	V-05 UJ
78-93-3	2-Butanone (MEK)		1.5	20	
104-51-8	n-Butylbenzene		0.14	1.0	
135-98-8	sec-Butylbenzene		0.14	1.0	
98-06-6	tert-Butylbenzene		0.13	1.0	
75-15-0	Carbon Disulfide		1.6	5.0	
56-23-5	Carbon Tetrachloride		0.18	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.43	2.0	
67-66-3	Chloroform		0.14	2.0	
74-87-3	Chloromethane		0.39	2.0	UJ
110-82-7	Cyclohexane		1.3	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.62	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.12	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.14	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.23	2.0	
75-34-3	1,1-Dichloroethane		0.19	1.0	
107-06-2	1,2-Dichloroethane		0.28	1.0	
75-35-4	1,1-Dichloroethylene		0.15	1.0	
156-59-2	cis-1,2-Dichloroethylene	0.22	0.19	1.0	J
156-60-5	trans-1,2-Dichloroethylene		0.19	1.0	

1 - FORM I
ANALYSIS DATA SHEET

SB-SE1_133

Laboratory:	Pace New England			Work Order:	25J1233
Client:	NYDEC_Environmental Assessmer			Project:	Former Fresh & Clean Laundry - CO 152705
Matrix:	Ground Water	Laboratory ID:	25J1233-05	File ID:	C25V29444.D
Sampled:	10/16/25 11:58	Prepared:	10/20/25 10:22	Analyzed:	10/22/25 03:41
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B415658	Sequence:	S127496	Calibration:	2200537	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		1.9	50	
71-43-2	Benzene		0.19	1.0	
74-97-5	Bromochloromethane		0.34	1.0	UJ
75-27-4	Bromodichloromethane		0.14	0.50	
75-25-2	Bromoform		0.32	1.0	
74-83-9	Bromomethane		0.91	2.0	V-05 UJ
78-93-3	2-Butanone (MEK)		1.5	20	
104-51-8	n-Butylbenzene		0.14	1.0	
135-98-8	sec-Butylbenzene		0.14	1.0	
98-06-6	tert-Butylbenzene		0.13	1.0	
75-15-0	Carbon Disulfide		1.6	5.0	
56-23-5	Carbon Tetrachloride		0.18	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.43	2.0	
67-66-3	Chloroform		0.14	2.0	
74-87-3	Chloromethane		0.39	2.0	UJ
110-82-7	Cyclohexane		1.3	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.62	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.12	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.14	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.23	2.0	
75-34-3	1,1-Dichloroethane		0.19	1.0	
107-06-2	1,2-Dichloroethane		0.28	1.0	
75-35-4	1,1-Dichloroethylene		0.15	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.19	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.19	1.0	

1 - FORM I
ANALYSIS DATA SHEET

Waste-Characterization_Soil

Laboratory:	Pace New England			Work Order:	25J1233
Client:	NYDEC_Environmental Assessmer			Project:	Former Fresh & Clean Laundry - CO 152705
Matrix:	Soil	Laboratory ID:	25J1233-03	File ID:	D25S301014.D
Sampled:	10/16/25 09:48	Prepared:	10/22/25 15:49	Analyzed:	10/28/25 17:46
Solids:	90.41	Preparation:	SW-846 3546	Dilution:	1
Initial/Final:	30.21 g / 1 mL				
Batch:	B415896	Sequence:	S127754	Calibration:	2500731	Instrument:	GCMSSV4

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
58-90-2	2,3,4,6-Tetrachlorophenol		0.053	0.74	
1912-24-9	Atrazine		0.051	0.74	V-06 UJ
100-52-7	Benzaldehyde		0.052	0.37	V-05, V-34 UJ
92-52-4	Biphenyl		0.042	0.074	
105-60-2	Caprolactam		0.064	0.37	V-06 UJ
83-32-9	Acenaphthene		0.0041	0.036	
208-96-8	Acenaphthylene		0.0046	0.036	
98-86-2	Acetophenone		0.039	0.37	
62-53-3	Aniline		0.070	0.37	
120-12-7	Anthracene		0.0042	0.036	
56-55-3	Benzo(a)anthracene		0.0057	0.036	
50-32-8	Benzo(a)pyrene		0.012	0.036	
205-99-2	Benzo(b)fluoranthene		0.0090	0.036	
191-24-2	Benzo(g,h,i)perylene		0.014	0.036	
207-08-9	Benzo(k)fluoranthene		0.0075	0.036	
111-91-1	Bis(2-chloroethoxy)methane		0.038	0.37	
111-44-4	Bis(2-chloroethyl)ether		0.049	0.37	
108-60-1	2,2'-oxybis(1-Chloropropane)		0.15	0.37	
117-81-7	Bis(2-Ethylhexyl)phthalate		0.051	0.37	
101-55-3	4-Bromophenylphenylether		0.033	0.37	
85-68-7	Butylbenzylphthalate		0.042	0.37	
86-74-8	Carbazole		0.038	0.19	
106-47-8	4-Chloroaniline		0.060	0.72	
59-50-7	4-Chloro-3-methylphenol		0.039	0.72	
91-58-7	2-Chloronaphthalene		0.033	0.37	
95-57-8	2-Chlorophenol		0.033	0.37	
7005-72-3	4-Chlorophenylphenylether		0.034	0.37	
218-01-9	Chrysene		0.0047	0.036	
53-70-3	Dibenz(a,h)anthracene		0.016	0.036	

1 - FORM I
ANALYSIS DATA SHEET

Waste-Characterization_Soil

Laboratory:	Pace New England			Work Order:	25J1233
Client:	NYDEC_Environmental Assessmer			Project:	Former Fresh & Clean Laundry - CO 152705
Matrix:	Soil	Laboratory ID:	25J1233-03	File ID:	D25S301014.D
Sampled:	10/16/25 09:48	Prepared:	10/22/25 15:49	Analyzed:	10/28/25 17:46
Solids:	90.41	Preparation:	SW-846 3546	Dilution:	1
Initial/Final:	30.21 g / 1 mL				
Batch:	B415896	Sequence:	S127754	Calibration:	2500731	Instrument:	GCMSSV4

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
132-64-9	Dibenzofuran		0.036	0.37	
84-74-2	Di-n-butylphthalate		0.14	0.37	
91-94-1	3,3-Dichlorobenzidine		0.067	0.19	
120-83-2	2,4-Dichlorophenol		0.035	0.37	
84-66-2	Diethylphthalate		0.036	0.37	
105-67-9	2,4-Dimethylphenol		0.077	0.37	
131-11-3	Dimethylphthalate		0.033	0.37	
534-52-1	4,6-Dinitro-2-methylphenol		0.31	0.37	
51-28-5	2,4-Dinitrophenol		0.35	0.72	
121-14-2	2,4-Dinitrotoluene		0.088	0.37	V-06 UJ
606-20-2	2,6-Dinitrotoluene		0.047	0.37	
117-84-0	Di-n-octylphthalate		0.055	0.37	
206-44-0	Fluoranthene	0.0077	0.0052	0.036	J
86-73-7	Fluorene		0.0044	0.036	
118-74-1	Hexachlorobenzene		0.038	0.37	
87-68-3	Hexachlorobutadiene		0.038	0.37	
77-47-4	Hexachlorocyclopentadiene		0.19	0.37	V-05 UJ
67-72-1	Hexachloroethane		0.034	0.37	
193-39-5	Indeno(1,2,3-cd)pyrene		0.015	0.036	
78-59-1	Isophorone		0.040	0.37	
90-12-0	1-Methylnaphthalene		0.0046	0.036	
91-57-6	2-Methylnaphthalene		0.0042	0.036	
95-48-7	2-Methylphenol		0.047	0.37	
108-39-4/106-44	3/4-Methylphenol		0.061	0.37	
91-20-3	Naphthalene		0.0053	0.036	
88-74-4	2-Nitroaniline		0.057	0.37	
99-09-2	3-Nitroaniline		0.049	0.37	
100-01-6	4-Nitroaniline		0.053	0.37	
98-95-3	Nitrobenzene		0.042	0.37	

1 - FORM I
ANALYSIS DATA SHEET

Waste-Characterization_Soil

Laboratory:	Pace New England			Work Order:	25J1233
Client:	NYDEC_Environmental Assessmer			Project:	Former Fresh & Clean Laundry - CO 152705
Matrix:	Soil	Laboratory ID:	25J1233-03	File ID:	D25S301014.D
Sampled:	10/16/25 09:48	Prepared:	10/22/25 15:49	Analyzed:	10/28/25 17:46
Solids:	90.41	Preparation:	SW-846 3546	Dilution:	1
Initial/Final:	30.21 g / 1 mL				
Batch:	B415896	Sequence:	S127754	Calibration:	2500731
Instrument:	GCMSSV4				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
88-75-5	2-Nitrophenol		0.038	0.37	
100-02-7	4-Nitrophenol		0.15	0.72	V-06 UJ
86-30-6	N-Nitrosodiphenylamine/Diphenylamine		0.048	0.37	
621-64-7	N-Nitrosodi-n-propylamine		0.046	0.37	
87-86-5	Pentachlorophenol		0.048	0.37	
85-01-8	Phenanthrene		0.0037	0.036	
108-95-2	Phenol		0.035	0.37	
129-00-0	Pyrene		0.0063	0.036	
110-86-1	Pyridine		0.047	0.37	
95-94-3	1,2,4,5-Tetrachlorobenzene		0.036	0.37	
95-95-4	2,4,5-Trichlorophenol		0.038	0.37	
88-06-2	2,4,6-Trichlorophenol		0.033	0.37	

Environmental Assessment & Remediations
A LaBella Company

December 4, 2025

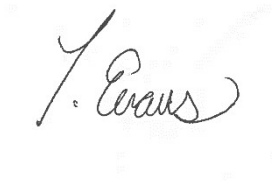
To: Trisha Vicale
Environmental Assessment & Remediations
A Labella Company
225 Atlantic Avenue
Patchogue, NY 11772

Subject: NYSDEC Site No. 13011A, Former Fresh & Clean Laundry, located at 22-26 Railroad Ave., Glen Head - Data Usability Summary Report

The Following Item Transmitted:
Data Package:

Originals	Description of Materials	Electronic/ Hard Copy
1	25J1754_NYSDEC_CatB_Package_Mini_Final Report.pdf	Electronic
1	25J17547_EquNysdec.xlsx	Electronic

Signature:



Tracey Evans
Chemist
tevans@labellapc.com
Environmental Assessment & Remediations
A Labella Company
225 Atlantic Avenue
Patchogue, New York 11772
631-447-6400 ext.124

A LaBella Company

Former Fresh & Clean Laundry, located at 22-26 Railroad Ave., Glen Head - Data Usability Summary Report for October 22, 2025, Soil and Groundwater Samples

Client: Environmental Assessment & Remediations, Patchogue, New York
Laboratory: Pace Analytical Service (NY Cert. #10899)
Site: Former Fresh & Clean Laundry (Site# 130111A)
Location: 22-26 Railroad Ave., Glen Head

Lab Job ID: 25J1754				Methods Evaluated
Lab ID	Field ID	Collection Date	Matrix	VOCs 8260D
25J1754-01	MW-6	10/22/2025	Groundwater	x
25J1754-02	FCMW-2	10/22/2025	Groundwater	x
25J1754-03	FCMW-3	10/22/2025	Groundwater	x
25J1754-04	MW-X	10/22/2025	Groundwater	x
25J1754-05	Field Blank	10/22/2025	Field Blank	x
25J1754-06	Trip Blank	10/22/2025	Trip Blank Soil	x

Laboratory report reviewed under:

- USEPA Contract Laboratory Program National Functional Guidance for Organic Superfund Methods Data Review, EPA 542-R-20-005 (January 2020).
- VOA Standard Operation for the Validation of Volatile Data, QA-HWSS-A-004 (March 2022).
- Professional judgment.

Criteria for Data Usability Summary Report

Completeness:
A complete data package contains all relevant and related material, packaged for distribution to its client, in accordance with the Analytical Service Protocol (ASP) Category B Deliverables guidelines.

Compliant:
A compliant data package is determined to contain all work related to the production of laboratory data in a manner consistent with the Quality Assurance Program Plan.

Overall Usability Issue
Data validation completed per the New York State Department of Environmental Conservation Analytical Service Protocol (NYSDEC ASP) Category B Data Deliverable requirements and reviewer's professional judgment.
This analytical report complies with the following points:

1. Holding Time and Analysis Time

2. Sample Analysis and Quality Control.

In conclusion, the data reviewed in this report is usable data that meets the criteria for compliance with method 8260D.

Data Completeness

- A complete Category B data package under the NYSDEC ASP has been reported.

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Data Validation Acronyms

AA	Atomic Absorption, Flame Technique
BHC	Hexachlorocylcohexane
BFB	Bromofluorobenzene (Tune check analyte)
CCC	Continuing Calibration Check
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
CVAA	Atomic Absorption, Cold Vapor
DCAA	2,4-Dichlorophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine (Tune check analyte)
DL	Detection Limit
ECD	Electron Capture Detector
FAA	Atomic Absorption, Furnace Technique
FID	Flame Ionization Detector
FNP	1-Fluoronapthalene
GC	Gas Chromatography
GC/MS	Gas Chromatography/ Mass Spectrometry
GPC	Gel Permeation Chromatography
ICB	Initial Calibration Blank
ICP	Inductively Coupled Plasma – Atomic Emission Spectrometer
ICV	Initial Calibration Verification
IDL	Instrument Detection Limit
ICAL	Initial Calibration Curve
IS	Internal Standard
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LCS/LCSD	Laboratory Control Sample/ Laboratory Control Sample Duplicate
MB	Method Blank
MS	Matrix Spike
BNAMS11	Method of Standard Additions
MSD	Matrix Spike Duplicate
MS/MSD	Matrix Spike/ Matrix Spike Duplicate
ND	Non-detected or Not Detected
PID	Photo Ionization Detector

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Data Validation Acronyms

PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
PQL	Practical Quantitation Limit
QA	Quality Assurance
QA/QC	Quality Assurance/ Quality Control
QC	Quality Control
RF	Response Factor
RPD	Relative Percent Difference
RL	Reporting Limit
RRF	Relative Response Factor
RT	Retention Time
RRT	Relative Retention Time
SDG	Sample Delivery Group
SMC	System Monitoring Compounds/ Surrogates
SPCC	Sample Performance Check Compound
TCX	Tetrachloro-m-xylene
%D	Percent Drift
%R	Percent Recovery
%RSD	Percent Relative Standard Deviation

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Data Validation Qualifiers

U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
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.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
R	The data is unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.

Note:

1. These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.

2. The EDDs are assigned to these data validation qualifiers and refer to the valid value list supplied by the specific agency or informational data system.

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Method 8260D Review Summary:

Samples were handled and analyzed properly under USEPA Contract Laboratory Program National Functional Guidance for Super Organic Methods Data and QA-HWSS-A-004 VOA Standard Operation for the Validation of Volatile Data.
• Within initial calibrations verification, S122642-ICV1 analytes Acetone, Bromomethane, Methyl Acetate, and Vinyl Chloride were outside of acceptable %Diff, which led to qualification of compounds within the sample Trip Blank.

• Within CCV associated with S12767-CCV1, analytes Bromoform, 2-Hexanone (MBK), Methyl Acetate, and 4-Methyl-2-pentanone (MIBK) recovered beyond limits of %D, which led to the qualification of non-detect estimate "UJ" values within the associated sample Trip Blank.

• Within CCV associated with S12871-CCV1, analytes Bromomethane, Carbon Disulfide, Chloroethane, 1,1-Dichloroethylene, 2-Hexanone (MBK), and Methylene Chloride recovered beyond limits of %D, which led to the qualification of non-detect estimate "UJ" values within associated samples FCMW-2, FCMW-3, and Field Blank. • Within CCV associated with S127972-CCV1, analytes Acetone, Bromochloromethane, Chloromethane, and Dichlorodifluoromethane (Freon 12) recovered beyond limits of %D, which led to the qualification of non-detect estimate "UJ" values within the associated sample MW-6.

• With matrix samples B416604-MS1 and B416604-MSD1, recovery below laboratory limits of analyte Methyl Acetate led to qualification as a non-detect estimate "UJ" value within parent sample MW-6 and duplicate MW-X.

• Sample MW-6 and blind duplicate MW-X had one analyte, Tetrachloroethane was detected within RPD less than

The data met the category B criterion and is therefore usable.

Blind Duplicate Comparison Method 8260D

Analytes	Original Sample MW-6	Blind Duplicate MW-X	Relative Percent Difference
Tetrachloroethene (PCE)	1.3	1.2	8.00

Attachments for Method Review

1 - FORM I
ANALYSIS DATA SHEET

MW-6

Laboratory:	Pace New England			Work Order:	25J1754
Client:	NYDEC_Environmental Assessmer			Project:	Former Fresh & Clean Laundry - CO 152705
Matrix:	Ground Water	Laboratory ID:	25J1754-01	File ID:	C25V30738.D
Sampled:	10/22/25 10:35	Prepared:	10/31/25 10:26	Analyzed:	11/04/25 00:33
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B416604	Sequence:	S127972	Calibration:	2200537
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		1.9	50	V-05 UJ
71-43-2	Benzene		0.19	1.0	
74-97-5	Bromochloromethane		0.34	1.0	UJ
75-27-4	Bromodichloromethane		0.14	0.50	
75-25-2	Bromoform		0.32	1.0	
74-83-9	Bromomethane		0.91	2.0	
78-93-3	2-Butanone (MEK)		1.5	20	
104-51-8	n-Butylbenzene		0.14	1.0	
135-98-8	sec-Butylbenzene		0.14	1.0	
98-06-6	tert-Butylbenzene		0.13	1.0	
75-15-0	Carbon Disulfide		1.6	5.0	
56-23-5	Carbon Tetrachloride		0.18	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.43	2.0	
67-66-3	Chloroform		0.14	2.0	
74-87-3	Chloromethane		0.39	2.0	UJ
110-82-7	Cyclohexane		1.3	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.62	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.12	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.14	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.23	2.0	UJ
75-34-3	1,1-Dichloroethane		0.19	1.0	
107-06-2	1,2-Dichloroethane		0.28	1.0	
75-35-4	1,1-Dichloroethylene		0.15	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.19	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.19	1.0	

1 - FORM I
ANALYSIS DATA SHEET

MW-6

Laboratory:	Pace New England			Work Order:	25J1754
Client:	NYDEC_Environmental Assessmer			Project:	Former Fresh & Clean Laundry - CO 152705
Matrix:	Ground Water	Laboratory ID:	25J1754-01	File ID:	C25V30738.D
Sampled:	10/22/25 10:35	Prepared:	10/31/25 10:26	Analyzed:	11/04/25 00:33
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B416604	Sequence:	S127972	Calibration:	2200537	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
78-87-5	1,2-Dichloropropane		0.20	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.16	0.50	
100-41-4	Ethylbenzene		0.11	1.0	
591-78-6	2-Hexanone (MBK)		1.2	10	
98-82-8	Isopropylbenzene (Cumene)		0.16	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.14	1.0	
79-20-9	Methyl Acetate		0.40	1.0	MS-07A UJ
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.11	1.0	
108-87-2	Methyl Cyclohexane		0.17	1.0	
75-09-2	Methylene Chloride		0.17	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		1.2	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.11	1.0	
100-42-5	Styrene		0.16	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.11	0.50	
127-18-4	Tetrachloroethylene	1.3	0.15	1.0	
108-88-3	Toluene		0.11	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.21	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.18	1.0	
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.15	1.0	
79-01-6	Trichloroethylene		0.16	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.16	2.0	
96-18-4	1,2,3-Trichloropropane		0.23	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.15	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.15	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.16	1.0	
75-01-4	Vinyl Chloride		0.22	2.0	

1 - FORM I
ANALYSIS DATA SHEET

FCMW-2

Laboratory:	Pace New England			Work Order:	25J1754
Client:	NYDEC_Environmental Assessmer			Project:	Former Fresh & Clean Laundry - CO 152705
Matrix:	Ground Water	Laboratory ID:	25J1754-02	File ID:	B25V30309.D
Sampled:	10/22/25 11:50	Prepared:	10/28/25 12:46	Analyzed:	10/30/25 12:22
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B416262	Sequence:	S127871	Calibration:	2500601	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		1.9	50	
71-43-2	Benzene		0.19	1.0	
74-97-5	Bromochloromethane		0.34	1.0	
75-27-4	Bromodichloromethane		0.14	0.50	
75-25-2	Bromoform		0.32	1.0	
74-83-9	Bromomethane		0.91	5.0	V-05 UJ
78-93-3	2-Butanone (MEK)		1.5	20	
104-51-8	n-Butylbenzene		0.14	1.0	
135-98-8	sec-Butylbenzene		0.14	1.0	
98-06-6	tert-Butylbenzene		0.13	1.0	
75-15-0	Carbon Disulfide		1.6	5.0	V-05 UJ
56-23-5	Carbon Tetrachloride		0.18	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.43	2.0	V-05 UJ
67-66-3	Chloroform		0.14	2.0	
74-87-3	Chloromethane		0.39	2.0	
110-82-7	Cyclohexane		1.3	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.62	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.12	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.14	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.23	2.0	
75-34-3	1,1-Dichloroethane		0.19	1.0	
107-06-2	1,2-Dichloroethane		0.28	1.0	
75-35-4	1,1-Dichloroethylene		0.15	1.0	V-05 UJ
156-59-2	cis-1,2-Dichloroethylene		0.19	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.19	1.0	

1 - FORM I
ANALYSIS DATA SHEET

FCMW-2

Laboratory:	Pace New England			Work Order:	25J1754
Client:	NYDEC_Environmental Assessmer			Project:	Former Fresh & Clean Laundry - CO 152705
Matrix:	Ground Water	Laboratory ID:	25J1754-02	File ID:	B25V30309.D
Sampled:	10/22/25 11:50	Prepared:	10/28/25 12:46	Analyzed:	10/30/25 12:22
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B416262	Sequence:	S127871	Calibration:	2500601	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
78-87-5	1,2-Dichloropropane		0.20	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.16	0.50	
100-41-4	Ethylbenzene		0.11	1.0	
591-78-6	2-Hexanone (MBK)		1.2	10	UJ
98-82-8	Isopropylbenzene (Cumene)		0.16	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.14	1.0	
79-20-9	Methyl Acetate		0.40	2.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.11	1.0	
108-87-2	Methyl Cyclohexane		0.17	1.0	
75-09-2	Methylene Chloride		0.17	5.0	V-05 UJ
108-10-1	4-Methyl-2-pentanone (MIBK)		1.2	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.11	1.0	
100-42-5	Styrene		0.16	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.11	0.50	
127-18-4	Tetrachloroethylene	3.7	0.15	1.0	
108-88-3	Toluene		0.11	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.21	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.18	1.0	
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.15	1.0	
79-01-6	Trichloroethylene		0.16	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.16	2.0	
96-18-4	1,2,3-Trichloropropane		0.23	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.15	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.15	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.16	1.0	
75-01-4	Vinyl Chloride		0.22	2.0	

1 - FORM I
ANALYSIS DATA SHEET

FCMW-3

Laboratory:	Pace New England			Work Order:	25J1754
Client:	NYDEC_Environmental Assessmer			Project:	Former Fresh & Clean Laundry - CO 152705
Matrix:	Ground Water	Laboratory ID:	25J1754-03	File ID:	B25V30310.D
Sampled:	10/22/25 13:35	Prepared:	10/28/25 12:46	Analyzed:	10/30/25 12:48
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B416262	Sequence:	S127871	Calibration:	2500601	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		1.9	50	
71-43-2	Benzene		0.19	1.0	
74-97-5	Bromochloromethane		0.34	1.0	
75-27-4	Bromodichloromethane		0.14	0.50	
75-25-2	Bromoform		0.32	1.0	
74-83-9	Bromomethane		0.91	5.0	V-05 UJ
78-93-3	2-Butanone (MEK)		1.5	20	
104-51-8	n-Butylbenzene		0.14	1.0	
135-98-8	sec-Butylbenzene		0.14	1.0	
98-06-6	tert-Butylbenzene		0.13	1.0	
75-15-0	Carbon Disulfide		1.6	5.0	V-05 UJ
56-23-5	Carbon Tetrachloride		0.18	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.43	2.0	V-05 UJ
67-66-3	Chloroform		0.14	2.0	
74-87-3	Chloromethane		0.39	2.0	
110-82-7	Cyclohexane		1.3	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.62	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.12	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.14	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.23	2.0	
75-34-3	1,1-Dichloroethane		0.19	1.0	
107-06-2	1,2-Dichloroethane		0.28	1.0	
75-35-4	1,1-Dichloroethylene		0.15	1.0	V-05 UJ
156-59-2	cis-1,2-Dichloroethylene	0.84	0.19	1.0	J
156-60-5	trans-1,2-Dichloroethylene		0.19	1.0	

1 - FORM I
ANALYSIS DATA SHEET

FCMW-3

Laboratory:	Pace New England			Work Order:	25J1754
Client:	NYDEC_Environmental Assessmer			Project:	Former Fresh & Clean Laundry - CO 152705
Matrix:	Ground Water	Laboratory ID:	25J1754-03	File ID:	B25V30310.D
Sampled:	10/22/25 13:35	Prepared:	10/28/25 12:46	Analyzed:	10/30/25 12:48
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B416262	Sequence:	S127871	Calibration:	2500601
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
78-87-5	1,2-Dichloropropane		0.20	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.16	0.50	
100-41-4	Ethylbenzene		0.11	1.0	
591-78-6	2-Hexanone (MBK)		1.2	10	UJ
98-82-8	Isopropylbenzene (Cumene)		0.16	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.14	1.0	
79-20-9	Methyl Acetate		0.40	2.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.11	1.0	
108-87-2	Methyl Cyclohexane		0.17	1.0	
75-09-2	Methylene Chloride		0.17	5.0	V-05 UJ
108-10-1	4-Methyl-2-pentanone (MIBK)		1.2	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.11	1.0	
100-42-5	Styrene		0.16	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.11	0.50	
127-18-4	Tetrachloroethylene	27	0.15	1.0	
108-88-3	Toluene		0.11	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.21	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.18	1.0	
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.15	1.0	
79-01-6	Trichloroethylene	1.7	0.16	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.16	2.0	
96-18-4	1,2,3-Trichloropropane		0.23	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.15	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.15	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.16	1.0	
75-01-4	Vinyl Chloride		0.22	2.0	

1 - FORM I
ANALYSIS DATA SHEET

MW-X

Laboratory:	Pace New England			Work Order:	25J1754
Client:	NYDEC_Environmental Assessmer			Project:	Former Fresh & Clean Laundry - CO 152705
Matrix:	Ground Water	Laboratory ID:	25J1754-04	File ID:	B25V30311.D
Sampled:	10/22/25 00:00	Prepared:	10/28/25 12:46	Analyzed:	10/30/25 13:14
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B416262	Sequence:	S127871	Calibration:	2500601
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		1.9	50	
71-43-2	Benzene		0.19	1.0	
74-97-5	Bromochloromethane		0.34	1.0	
75-27-4	Bromodichloromethane		0.14	0.50	
75-25-2	Bromoform		0.32	1.0	
74-83-9	Bromomethane		0.91	5.0	V-05 UJ
78-93-3	2-Butanone (MEK)		1.5	20	
104-51-8	n-Butylbenzene		0.14	1.0	
135-98-8	sec-Butylbenzene		0.14	1.0	
98-06-6	tert-Butylbenzene		0.13	1.0	
75-15-0	Carbon Disulfide		1.6	5.0	V-05 UJ
56-23-5	Carbon Tetrachloride		0.18	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.43	2.0	V-05 UJ
67-66-3	Chloroform		0.14	2.0	
74-87-3	Chloromethane		0.39	2.0	
110-82-7	Cyclohexane		1.3	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.62	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.12	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.14	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.23	2.0	
75-34-3	1,1-Dichloroethane		0.19	1.0	
107-06-2	1,2-Dichloroethane		0.28	1.0	
75-35-4	1,1-Dichloroethylene		0.15	1.0	V-05 UJ
156-59-2	cis-1,2-Dichloroethylene		0.19	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.19	1.0	

1 - FORM I
ANALYSIS DATA SHEET

MW-X

Laboratory:	Pace New England			Work Order:	25J1754
Client:	NYDEC_Environmental Assessmer			Project:	Former Fresh & Clean Laundry - CO 152705
Matrix:	Ground Water	Laboratory ID:	25J1754-04	File ID:	B25V30311.D
Sampled:	10/22/25 00:00	Prepared:	10/28/25 12:46	Analyzed:	10/30/25 13:14
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B416262	Sequence:	S127871	Calibration:	2500601
Instrument:	GCMSVOA2				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
78-87-5	1,2-Dichloropropane		0.20	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.16	0.50	
100-41-4	Ethylbenzene		0.11	1.0	
591-78-6	2-Hexanone (MBK)		1.2	10	UJ
98-82-8	Isopropylbenzene (Cumene)		0.16	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.14	1.0	
79-20-9	Methyl Acetate		0.40	2.0	UJ
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.11	1.0	
108-87-2	Methyl Cyclohexane		0.17	1.0	
75-09-2	Methylene Chloride		0.17	5.0	V-05 UJ
108-10-1	4-Methyl-2-pentanone (MIBK)		1.2	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.11	1.0	
100-42-5	Styrene		0.16	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.11	0.50	
127-18-4	Tetrachloroethylene	1.2	0.15	1.0	
108-88-3	Toluene		0.11	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.21	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.18	1.0	
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.15	1.0	
79-01-6	Trichloroethylene		0.16	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.16	2.0	
96-18-4	1,2,3-Trichloropropane		0.23	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.15	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.15	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.16	1.0	
75-01-4	Vinyl Chloride		0.22	2.0	

1 - FORM I
ANALYSIS DATA SHEET

Field Blank

Laboratory:	Pace New England			Work Order:	25J1754
Client:	NYDEC_Environmental Assessmer			Project:	Former Fresh & Clean Laundry - CO 152705
Matrix:	Field Blank	Laboratory ID:	25J1754-05	File ID:	B25V30307.D
Sampled:	10/22/25 14:00	Prepared:	10/28/25 12:46	Analyzed:	10/30/25 11:30
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B416262	Sequence:	S127871	Calibration:	2500601	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		1.9	50	
71-43-2	Benzene		0.19	1.0	
74-97-5	Bromochloromethane		0.34	1.0	
75-27-4	Bromodichloromethane		0.14	0.50	
75-25-2	Bromoform		0.32	1.0	
74-83-9	Bromomethane		0.91	5.0	V-05 UJ
78-93-3	2-Butanone (MEK)		1.5	20	
104-51-8	n-Butylbenzene		0.14	1.0	
135-98-8	sec-Butylbenzene		0.14	1.0	
98-06-6	tert-Butylbenzene		0.13	1.0	
75-15-0	Carbon Disulfide		1.6	5.0	V-05 UJ
56-23-5	Carbon Tetrachloride		0.18	5.0	
108-90-7	Chlorobenzene		0.12	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.43	2.0	V-05 UJ
67-66-3	Chloroform		0.14	2.0	
74-87-3	Chloromethane		0.39	2.0	
110-82-7	Cyclohexane		1.3	5.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.62	5.0	
106-93-4	1,2-Dibromoethane (EDB)		0.12	0.50	
95-50-1	1,2-Dichlorobenzene		0.13	1.0	
541-73-1	1,3-Dichlorobenzene		0.14	1.0	
106-46-7	1,4-Dichlorobenzene		0.14	1.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.23	2.0	
75-34-3	1,1-Dichloroethane		0.19	1.0	
107-06-2	1,2-Dichloroethane		0.28	1.0	
75-35-4	1,1-Dichloroethylene		0.15	1.0	V-05 UJ
156-59-2	cis-1,2-Dichloroethylene		0.19	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.19	1.0	

1 - FORM I
ANALYSIS DATA SHEET

Field Blank

Laboratory:	Pace New England			Work Order:	25J1754
Client:	NYDEC_Environmental Assessmer			Project:	Former Fresh & Clean Laundry - CO 152705
Matrix:	Field Blank	Laboratory ID:	25J1754-05	File ID:	B25V30307.D
Sampled:	10/22/25 14:00	Prepared:	10/28/25 12:46	Analyzed:	10/30/25 11:30
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B416262	Sequence:	S127871	Calibration:	2500601	Instrument:	GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
78-87-5	1,2-Dichloropropane		0.20	1.0	
10061-01-5	cis-1,3-Dichloropropene		0.16	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.16	0.50	
100-41-4	Ethylbenzene		0.11	1.0	
591-78-6	2-Hexanone (MBK)		1.2	10	UJ
98-82-8	Isopropylbenzene (Cumene)		0.16	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.14	1.0	
79-20-9	Methyl Acetate		0.40	2.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.11	1.0	
108-87-2	Methyl Cyclohexane		0.17	1.0	
75-09-2	Methylene Chloride		0.17	5.0	V-05 UJ
108-10-1	4-Methyl-2-pentanone (MIBK)		1.2	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.11	1.0	
100-42-5	Styrene		0.16	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.11	0.50	
127-18-4	Tetrachloroethylene		0.15	1.0	
108-88-3	Toluene		0.11	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.21	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.18	1.0	
71-55-6	1,1,1-Trichloroethane		0.15	1.0	
79-00-5	1,1,2-Trichloroethane		0.15	1.0	
79-01-6	Trichloroethylene		0.16	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.16	2.0	
96-18-4	1,2,3-Trichloropropane		0.23	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.15	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.15	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.16	1.0	
75-01-4	Vinyl Chloride		0.22	2.0	

1 - FORM I
ANALYSIS DATA SHEET

Trip Blank

Laboratory:	Pace New England			Work Order:	25J1754
Client:	NYDEC_Environmental Assessmer			Project:	Former Fresh & Clean Laundry - CO 152705
Matrix:	Trip Blank Soil	Laboratory ID:	25J1754-06	File ID:	G25V30119.D
Sampled:	10/22/25 14:00	Prepared:	10/28/25 04:00	Analyzed:	10/28/25 13:20
Solids:		Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	5 g / 10 mL				
Batch:	B416247	Sequence:	S127767	Calibration:	2500468	Instrument:	GCMSVOA7

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
67-64-1	Acetone		0.013	0.10	UJ
71-43-2	Benzene		0.00071	0.0020	
74-97-5	Bromochloromethane		0.00098	0.0020	UJ
75-27-4	Bromodichloromethane		0.00068	0.0020	
75-25-2	Bromoform		0.0011	0.0020	
74-83-9	Bromomethane		0.0015	0.010	V-34
78-93-3	2-Butanone (MEK)		0.0086	0.040	
104-51-8	n-Butylbenzene		0.00068	0.0020	
135-98-8	sec-Butylbenzene		0.00073	0.0020	
98-06-6	tert-Butylbenzene		0.00066	0.0020	
75-15-0	Carbon Disulfide		0.012	0.020	
56-23-5	Carbon Tetrachloride		0.00080	0.0020	
108-90-7	Chlorobenzene		0.00068	0.0020	
124-48-1	Chlorodibromomethane		0.00091	0.0010	
75-00-3	Chloroethane		0.0014	0.020	
67-66-3	Chloroform		0.00066	0.0040	
74-87-3	Chloromethane		0.0013	0.010	UJ
110-82-7	Cyclohexane		0.0041	0.010	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.00083	0.0020	
106-93-4	1,2-Dibromoethane (EDB)		0.00071	0.0010	
95-50-1	1,2-Dichlorobenzene		0.00062	0.0020	
541-73-1	1,3-Dichlorobenzene		0.00060	0.0020	
106-46-7	1,4-Dichlorobenzene		0.00060	0.0020	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.0011	0.020	UJ
75-34-3	1,1-Dichloroethane		0.00061	0.0020	
107-06-2	1,2-Dichloroethane		0.00070	0.0020	
75-35-4	1,1-Dichloroethylene		0.00094	0.0040	
156-59-2	cis-1,2-Dichloroethylene		0.00070	0.0020	
156-60-5	trans-1,2-Dichloroethylene		0.00063	0.0020	

1 - FORM I
ANALYSIS DATA SHEET

Trip Blank

Laboratory:	Pace New England			Work Order:	25J1754
Client:	NYDEC_Environmental Assessmer			Project:	Former Fresh & Clean Laundry - CO 152705
Matrix:	Trip Blank Soil	Laboratory ID:	25J1754-06	File ID:	G25V30119.D
Sampled:	10/22/25 14:00	Prepared:	10/28/25 04:00	Analyzed:	10/28/25 13:20
Solids:		Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	5 g / 10 mL				
Batch:	B416247	Sequence:	S127767	Calibration:	2500468
Instrument:	GCMSVOA7				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
78-87-5	1,2-Dichloropropane		0.00064	0.0020	
10061-01-5	cis-1,3-Dichloropropene		0.00086	0.0010	
10061-02-6	trans-1,3-Dichloropropene		0.00080	0.0010	
100-41-4	Ethylbenzene		0.00055	0.0020	
591-78-6	2-Hexanone (MBK)		0.0078	0.020	
98-82-8	Isopropylbenzene (Cumene)		0.00064	0.0020	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.00061	0.0020	
79-20-9	Methyl Acetate		0.0013	0.0020	UJ
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.00079	0.0040	
108-87-2	Methyl Cyclohexane		0.00070	0.0020	
75-09-2	Methylene Chloride		0.00070	0.020	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.0097	0.020	
91-20-3	Naphthalene		0.0010	0.0040	
103-65-1	n-Propylbenzene		0.00066	0.0020	
100-42-5	Styrene		0.00063	0.0020	
79-34-5	1,1,2,2-Tetrachloroethane		0.00090	0.0010	
127-18-4	Tetrachloroethylene		0.00083	0.0020	
108-88-3	Toluene		0.00055	0.0020	
87-61-6	1,2,3-Trichlorobenzene		0.00079	0.0020	
120-82-1	1,2,4-Trichlorobenzene		0.00066	0.0020	
71-55-6	1,1,1-Trichloroethane		0.00070	0.0020	
79-00-5	1,1,2-Trichloroethane		0.00054	0.0020	
79-01-6	Trichloroethylene		0.00065	0.0020	
75-69-4	Trichlorofluoromethane (Freon 11)		0.0013	0.010	
96-18-4	1,2,3-Trichloropropane		0.00090	0.0020	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.0011	0.010	
95-63-6	1,2,4-Trimethylbenzene		0.00084	0.0020	
108-67-8	1,3,5-Trimethylbenzene		0.00073	0.0020	
75-01-4	Vinyl Chloride		0.00081	0.010	V-34 UJ