



Environmental Assessment & Remediations

A LaBella Company

December 10, 2025

Kyle Forster
Environmental Engineer
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway
Albany, New York 12233

**RE: Former Cleaners Products Supply, 50-45 Barnett Avenue, Sunnyside, Site No. 241123 –
Groundwater Sampling Event Summary**

Dear Mr. Forster:

This letter summarizes field activities and results from groundwater sampling conducted by Environmental Assessment & Remediations, A LaBella Company (LaBella) at the above referenced site in May and November 2025. A site location map and site map are included in Figures 1 and 2, respectively.

At each location sampled, depth to water was measured and the volume of standing water was calculated. Each well was purged utilizing a peristaltic pump with dedicated silicone and high-density polyethylene tubing. Purge water was screened using a multi-parameter probe (Horiba U-52) with a flow through cell. All wells were purged a minimum of one well volume with purging continuing until values for temperature, pH, and oxidation/reduction potential (ORP) reached stabilization. These parameters, as well as dissolved oxygen, specific conductivity, and turbidity were recorded prior to sample collection. Non-dedicated sampling tools were decontaminated between sample locations using an Alconox™ and potable water rinse.

Purge water generated from groundwater sampling was contained in labeled 55-gallon drums and staged onsite for pickup and appropriate disposal by a NYSDEC response contractor, NRC East Environmental/Republic Services (Republic). Waste manifests are included in Appendix A.

Samples submitted for laboratory analysis were collected using appropriate, laboratory-provided containers and immediately placed in a cooler with ice to maintain a temperature no greater than four degrees Celsius. The samples were submitted to Pace Analytical Services (East Longmeadow, MA) (Pace) for analysis of volatile organic compounds (VOCs) via EPA Method 8260. Standard, 30-day turnaround time and NYSDEC ASP Category A deliverables were requested. Laboratory reports are included in Appendix B.

Groundwater Sampling, May 2025

Groundwater sampling was conducted between May 20 and May 21, 2025. As directed by NYSDEC, samples were collected from 12 discrete sampling points: MW-1, MW-2, MW-3, MW-5, MW-6, MW-103S, MW-104S, MW-104D, MW-105S, MW-105D, MW-107D, and MW-109S.

Attempts to locate MW-1 were made in previous groundwater sampling rounds but the well was not found. In May 2025, it was found and gauged but a sample could not be collected because the well



was dry. The measured total well depth (TWD) of 21.19 feet below grade (bg) is significantly shallower than the as-installed TWD of approximately 33 feet bg. Additional inspection of the well is required to determine if the well is damaged or requires development.

A sample was not collected from MW-2. The well could not be found.

A total of 10 groundwater samples, one blind duplicate (collected from MW-6), one equipment blank, one trip blank, and one matrix spike/matrix spike duplicate (collected from MW-6) were submitted to Pace for analysis of VOCs.

Several analytes were reported at concentrations above their respective reporting limits (RLs) in multiple locations sampled. Exceedances of NYSDEC TOGS 1.1.1, Class GA water quality standard/guidance values¹ (TOGS 1.1.1) were reported for tetrachloroethene (PCE), trichloroethylene (TCE), cis-1,2 dichloroethene (cis-1,2-DCE), chloroform, and trans-1,2 dichloroethene. PCE concentrations ranged from below the reporting limit to 7,800 µg/L (MW-6).

Recorded field measurements from well gauging and field screening activities conducted in May 2025 are included in Tables 1 and 2, respectively. Analytical data is summarized in Table 3 and results for select contaminants of concern have been posted to a site map and included in Figure 2. Data tables, including a blind duplicate comparison and a summary of QA/QC sample analytical results are included in Appendix C.

Purge water generated during the May 2025 groundwater sampling event was removed from the site by Republic on June 17, 2025.

Groundwater Sampling, November 2025

Groundwater sampling was conducted on November 12, 2025. As directed by NYSDEC, samples were collected from six discrete sampling points: MW-5, MW-6, MW-103S, MW-104S, MW-104D, and MW-107D.

A total of six groundwater samples, one blind duplicate (collected from MW-6), one equipment blank, one trip blank, one matrix spike/matrix spike duplicate (collected from MW-6), and one waste characterization sample were submitted to Pace for analysis of VOCs.

Several analytes were reported at concentrations above their respective reporting limits (RLs) in multiple locations sampled. Exceedances of NYSDEC TOGS 1.1.1 were reported for PCE, TCE, cis-1,2-DCE, and vinyl chloride. PCE concentrations ranged from 1.8 µg/L (MW-107D) to 3,500 µg/L (MW-6).

Recorded field measurements from well gauging and field screening activities conducted in November 2025 are included in Tables 4 and 5, respectively. Analytical data is summarized in Table 6 and results for select contaminants of concern have been posted to a site map and included in Figure 3. QA/QC tables, including a blind duplicate comparison and a summary of QA/QC sample analytical results are included in Appendix C.

¹ NYSDEC Division of Water Technical & Operational Guidance Series 1.1.1 – Ambient Water Quality Standards and Guidance Values, Class GA (groundwater)



Purge water generated during the November 2025 groundwater sampling event was removed from the site by Republic on December 3, 2025.

A table of historical analytical results from November 2019 through November 2025 is included in Table 7.

Should you have any questions regarding the activities or data detailed in this report, please feel free to contact me at (631) 447-6400, extension 152.

Respectfully submitted,

LaBella Associates

A handwritten signature in black ink that reads 'Steve Goetz'. The signature is written in a cursive, flowing style.

Steve Goetz
Senior Project Manager



Tables

Table 1: Liquid Level Measurements & Groundwater Elevation, May 2025

Table 2: Field Screening Measurements, May 2025

Table 3: Groundwater Analytical Results, May 2025

Table 4: Liquid Level Measurements & Groundwater Elevation, November 2025

Table 5: Field Screening Measurements, November 2025

Table 6: Groundwater Analytical Results, November 2025

Table 7: Historical Groundwater Analytical Results

TABLE 1

Former Cleaners Products Supply
 50-45 Barnett Avenue
 Sunnyside, NY
 NYSDEC Site #241123



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Liquid Level Measurements & Groundwater Elevation
 May 2025

Location	Screened Depth (feet below grade)	Casing Elevation (feet)	Date Collected	DTW (feet below grade)	TWD (feet below grade)	GWEL (feet)
MW-1	18-33	49.80	05/20/25	dry	21.19	-
MW-3	17-32	49.80	05/20/25	21.49	31.85	28.31
MW-5	15-30	37.51	05/21/25	10.10	25.11	27.41
MW-6	15-25	45.72	05/21/25	18.02	30.17	27.70
MW-103S	20-30	50.70	05/20/25	22.95	29.50	27.75
MW-104D	52-62	42.45	05/21/25	14.59	58.07	27.86
MW-104S	24-34	42.50	05/21/25	14.55	34.37	27.95
MW-105D	55-65	49.05	05/20/25	20.75	61.88	28.30
MW-105S	21-31	48.53	05/20/25	20.95	32.50	27.58
MW-107D	55-65	47.25	05/21/25	18.97	63.15	28.28
MW-109S	25-35	47.95	05/21/25	19.88	34.02	28.07

TABLE 2

Former Cleaners Products Supply
 50-45 Barnett Avenue
 Sunnyside, NY
 NYSDEC Site #241123



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Field Screening Measurements
 May 2025

Location	Date Collected	Conductivity (µS)	Dissolved Oxygen (mg/L)	ORP* (mV)	pH	Temperature (°C)	Turbidity (NTU)
MW-3	05/20/25	694	3.01	186	7.22	17.49	1,000
MW-5	05/21/25	888	6.24	107	7.68	15.22	12.8
MW-6	05/21/25	933	1.85	102	7.03	16.38	21.5
MW-103S	05/20/25	710	5.82	149	6.98	17.53	320
MW-104D	05/21/25	924	1.64	85	7.69	16.55	25.9
MW-104S	05/21/25	880	3.90	77	7.70	16.59	153
MW-105D	05/20/25	1,080	2.59	157	7.26	15.28	153
MW-105S	05/20/25	165	3.04	175	7.31	13.97	198
MW-107D	05/21/25	972	2.56	123	7.41	16.68	37
MW-109S	05/21/25	854	3.33	148	7.59	16.52	51.7

Notes:

*Oxidation Reduction Potential

TABLE 3

Former Cleaners Products Supply
50-45 Barnett Avenue
Sunnyside, NY
NYSDEC Site #241123



Groundwater Analytical Results (µg/L)
Pace Analytical Services
May 2025

Location	Date Collected	Tetrachloroethene	Trichloroethylene	cis-1,2-Dichloroethene	Bromodichloromethane	Chloroform	trans-1,2-Dichloroethene	Total VOCs
MW-3	05/20/25	6.4	<1	<1	<0.5	<2	<1	6
MW-5	05/21/25	20	5.7	1.8	<0.5	<2	<1	28
MW-6	05/21/25	7,800	430	110	<50	<200	<100	8,340
MW-103S	05/20/25	94	<1	<1	1.4	19	<1	114
MW-104D	05/21/25	51	11	8	<0.5	<2	<1	70
MW-104S	05/21/25	86	34	58	<1	<4	6.4	184
MW-105D	05/20/25	<1	<1	<1	<0.5	<2	<1	<177
MW-105S	05/20/25	<1	<1	<1	<0.5	<2	<1	<177
MW-107D	05/21/25	4.7	4.4	<1	<0.5	<2	<1	9
MW-109S	05/21/25	6.8	2.6	<1	<0.5	<2	<1	9
NYSDEC TOGS 1.1.1, Class GA ^a	Standard	5	5	5	nv	7	5	nv
	Guidance	nv	nv	nv	50	nv	nv	nv

Notes:

nv - analyzed chemicals with no established values in TOGS 1.1.1

^aNYSDEC Division of Water Technical and Operations Guidance Series (1.1.1), June 1998, Class GA

Gray-shaded cells exceed TOGS 1.1.1 Standard/Guidance Values

The chemicals listed below were reported below the LRL:

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

TABLE 4

Former Cleaners Products Supply
 50-45 Barnett Avenue
 Sunnyside, NY
 NYSDEC Site #241123



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Liquid Level Measurements & Groundwater Elevation
 November 2025

Location	Screened Depth (feet below grade)	Casing Elevation (feet)	Date Collected	DTW (feet below grade)	TWD (feet below grade)	GWEL (feet)
MW-5	15-30	37.51	11/12/25	10.80	29.12	26.71
MW-6	15-25	45.72	11/12/25	18.59	30.13	27.13
MW-103S	20-30	50.70	11/12/25	23.65	29.65	27.05
MW-104S	24-34	42.50	11/12/25	15.30	34.40	27.20
MW-104D	52-62	42.45	11/12/25	15.29	58.13	27.16
MW-107D	55-65	47.25	11/12/25	19.82	63.40	27.43

TABLE 5

Former Cleaners Products Supply
 50-45 Barnett Avenue
 Sunnyside, NY
 NYSDEC Site #241123



Environmental
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Field Screening Measurements
 November 2025

Location	Date Collected	Conductivity (µS)	Dissolved Oxygen (mg/L)	ORP* (mV)	pH	Temperature (°C)	Turbidity (NTU)
MW-5	11/12/25	1,330	1.06	77	7.70	17.64	0.0
MW-6	11/12/25	698	0.44	99	6.90	17.48	25.1
MW-103S	11/12/25	1,580	5.78	226	7.21	17.52	19.2
MW-104S	11/12/25	1,360	2.29	176	7.30	16.75	0.0
MW-104D	11/12/25	1,210	3.24	187	7.29	16.74	18.8
MW-107D	11/12/25	942	2.67	196	7.25	16.43	49.0

Notes:

*Oxidation Reduction Potential

TABLE 6

Former Cleaners Products Supply
50-45 Barnett Avenue
Sunnyside, NY
NYSDEC Site #241123



Groundwater Analytical Results (µg/L)

Pace Analytical Services

November 2025

Location	Date Collected	Tetrachloroethene	Trichloroethylene	cis-1,2-Dichloroethene	Chloroform	trans-1,2-Dichloroethene	Vinyl Chloride	Total VOCs
MW-5	11/12/25	17	5.2	1.4	<2	<1	<2	24
MW-6	11/12/25	3,500	450	120	<80	<40	<80	4,070
MW-103S	11/12/25	35	<1	<1	5	<1	<2	40
MW-104D	11/12/25	170	26	25	<4	2.2	4.1	227
MW-104S	11/12/25	64	28	29	3.1	4.4	<2	129
MW-107D	11/12/25	1.8	4.2	<1	<2	<1	<2	6
NYSDEC TOGS 1.1.1, Class GA ^a	Standard	5	5	5	7	5	2	nv
	Guidance	nv	nv	nv	nv	nv	nv	nv

Notes:

nv - analyzed chemicals with no established values in TOGS 1.1.1

^aNYSDEC Division of Water Technical and Operations Guidance Series (1.1.1), June 1998, Class GA

Gray-shaded cells exceed TOGS 1.1.1 Standard/Guidance Values

The chemicals listed below were reported below the LRL:

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

TABLE 7

Former Cleaners Products Supply
50-45 Barnett Avenue
Sunnyside, NY
NYSDEC Site #241123



Historical Groundwater Analytical Results (µg/L)

Location	Date Collected	Tetrachloroethene	Trichloroethylene	cis-1,2-Dichloroethene	1,1 Dichloroethene	Acetone	Benzene	Bromodichloromethane	Chloroethane	Chloroform	Chloromethane	Toluene	trans-1,2-Dichloroethene	Vinyl Chloride	Total BTEX	Total VOCs
MW-3	05/20/25	6.4	<1	<1	<1	<50	<1	<0.5	<2	<2	<2	<1	<1	<2	<4	6
MW-5	11/05/19	51	15	7	<1	<5	<1	<1	<1	<1	<1	<1	0.31 J	<1	<5	73
	08/20/20	52	13	3.9	<1	<5	<1	<1	<1	<1	0.82 J	<1	0.28 J	<1	<5	70
	04/16/21	50	12	2.7	<1	<5	<1	<1	<1	<1	<1	<1	0.33 J	<1	<5	65
	10/19/21	43	10	1.2	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<5	54
	12/14/22	41	12	3	<1	<50	<1	<0.5	<2	0.18 J	<2	<1	0.4 J	<2	<4	57
	10/19/23	33	11	1.6	<1	<50	<1	<0.5	<2	<2	<2	<1	<1	<2	<4	46
	02/05/24	26	10	<1	<1	<50	<1	<0.5	<2	<2	<2	<1	<1	<2	<4	36
	04/26/24	21	9.8	<1	<1	<50	<1	<0.5	<2	<2	<2	<1	<1	<2	<4	31
	07/29/24	33	11	1.1	<1	<50	<1	<0.5	<2	<2	<2	<1	<1	<2	<4	45
	10/24/24	29	9.7	3.6	<1	<50	<1	<0.5	<2	<2	<2	<1	<1	<2	<4	42
	02/14/25	10	2.9	<1	<1	<50	<1	<0.5	<2	<2	<2	<1	<1	<2	<4	13
	05/21/25	20	5.7	1.8	<1	<50	<1	<0.5	<2	<2	<2	<1	<1	<2	<4	28
	11/12/25	17	5.2	1.4	<1	<50	<1	<0.5	<2	<2	<2	<1	<1	<2	<4	24
MW-6*	11/05/19	440	14	1.6	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<5	456
	08/20/20	340	70	5.4	<1	5.3	<1	<1	<1	<1	0.52 J	<1	<1	<1	<5	421
	04/15/21	370	42	1.9	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<5	414
	10/19/21	460	18	1.1 J	<2	<10	<2	<2	<2	<2	<2	<2	<2	<2	<10	479
	12/14/22	3,000	140	41	<25	<1,200	<25	<12	<50	<50	<50	<25	<25	<50	<100	3,181
	10/19/23	660	76	15	<10	<500	<10	<5	<20	<20	<20	<10	<10	<20	<40	751
	02/05/24	500	30	<5	<5	<250	<5	<2.5	<10	<10	<10	<5	<5	<10	<20	530
	04/26/24	400	9.6	<5	<5	<250	<5	<2.5	<10	<10	<10	<5	<5	<10	<20	410
	07/29/24	440	33	<4	<4	<200	<4	<2	<8	<8	<8	<4	<4	<8	<16	473
	10/24/24	1,300	110	16	<10	<500	<10	<5	<20	<20	<20	<10	<10	<20	<40	1,426
	02/14/25	8,200	160	<100	<100	<5,000	<100	<50	<200	<200	<200	<100	<100	<200	<400	8,360
05/21/25	7,800	430	110	<100	<5,000	<100	<50	<200	<200	<200	<100	<100	<200	<400	8,340	
11/12/25	3,500	450	120	<40	<2,000	<40	<20	<80	<80	<80	<40	<40	<80	<160	4,070	
MW-8	08/20/20	5.4	<1	<1	<1	<5	<1	<1	<1	1.2	0.61 J	<1	<1	<1	<5	7
	04/15/21	4.1	<1	<1	<1	<5	<1	<1	<1	0.48 J	<1	<1	<1	<1	<5	5
	10/19/21	4.3	<1	<1	<1	<5	<1	<1	<1	0.91 J	<1	<1	<1	<1	<5	5

TABLE 7

Former Cleaners Products Supply
50-45 Barnett Avenue
Sunnyside, NY
NYSDEC Site #241123



Historical Groundwater Analytical Results (µg/L)

Location	Date Collected	Tetrachloroethene	Trichloroethylene	cis-1,2-Dichloroethene	1,1 Dichloroethene	Acetone	Benzene	Bromodichloromethane	Chloroethane	Chloroform	Chloromethane	Toluene	trans-1,2-Dichloroethene	Vinyl Chloride	Total BTEX	Total VOCs
MW-9	08/20/20	2.5	<1	<1	<1	<5	<1	<1	<1	2.1	<1	<1	<1	<1	<5	5
	04/15/21	18	<1	<1	<1	<5	<1	<1	<1	0.64 J	<1	<1	<1	<1	<5	19
	10/19/21	13	<1	<1	<1	<5	<1	<1	<1	0.48 J	<1	0.41 J	<1	<1	0.41	14
MW-10	11/05/19	0.4 J	<1	<1	<1	<5	<1	<1	<1	0.64 J	<1	<1	<1	<1	<5	1
	10/19/21	0.41 J	<1	<1	<1	<5	<1	<1	<1	1	<1	<1	<1	<1	<5	1
MW-11	11/05/19	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<5	<69
MW-12	11/05/19	32	11	8.9	<1	<5	<1	<1	<1	<1	<1	<1	1.9	<1	<5	54
	08/21/20	24	6.9	4.2	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<5	35
	04/16/21	16	5.4	2	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<5	23
	10/19/21	21	6.4	6.1	<1	<5	0.21 J	<1	<1	1.7	<1	<1	0.96 J	<1	0.21	36
	12/14/22	12	4	4.2	<1	<50	<1	<0.5	<2	<2	<2	<1	<1	<2	<4	20
MW-103S	08/21/20	9.8	<1	<1	<1	<5	<1	<1	<1	3	0.54 J	<1	<1	<1	<5	13
	04/16/21	6.8	<1	<1	<1	<5	<1	<1	<1	0.62 J	<1	<1	<1	<1	<5	7
	07/29/24	24	<1	<1	<1	<50	<1	<0.5	<2	<2	<2	<1	<1	<2	<4	24
	10/24/24	29	<1	<1	<1	<50	<1	<0.5	<2	<2	<2	<1	<1	<2	<4	29
	05/20/25	94	<1	<1	<1	<50	<1	1.4	<2	19	<2	<1	<1	<2	<4	114
11/12/25	35	<1	<1	<1	<50	<1	<0.5	<2	5	<2	<1	<1	<2	<4	40	
MW-104D	11/05/19	96	24	19	<1	<5	<1	<1	<1	<1	<1	<1	0.33 J	<1	<5	139
	08/21/20	90	17	4.3	<1	5	<1	<1	<1	0.35 J	1.2	<1	0.28 J	<1	<5	118
	04/16/21	41	10	3.2	<1	<5	<1	<1	<1	<1	<1	<1	0.26 J	<1	<5	54
	10/19/21	45	10	8.5	<1	<5	<1	<1	<1	<1	<1	<1	0.73 J	<1	<5	64
	12/14/22	43	11	2.2	<1	<50	<1	<0.5	<2	0.33 J	<2	<1	0.18 J	<2	<4	57
	10/19/23	57	10	4.6	<1	<50	<1	<0.5	<2	<2	<2	<1	<1	<2	<4	72
	02/05/24	31	8.6	3.6	<1	<50	<1	<0.5	<2	<2	<2	<1	<1	<2	<4	43
	04/26/24	46	9.9	2	<1	<50	<1	<0.5	<2	<2	<2	<1	<1	<2	<4	58
	07/29/24	120	16	5.4	<1	<50	<1	<0.5	<2	<2	<2	<1	<1	<2	<4	141
	10/24/24	58	11	4	<1	<50	<1	<0.5	<2	<2	<2	<1	<1	<2	<4	73
	02/14/25	34	7.3	4.1	<1	<50	<1	<0.5	<2	<2	<2	<1	<1	<2	<4	45
	05/21/25	51	11	8	<1	<50	<1	<0.5	<2	<2	<2	<1	<1	<2	<4	70
11/12/25	170	26	25	<2	<100	<2	<1	<4	<4	<4	<2	2.2	4.1	<8	227	

TABLE 7

Former Cleaners Products Supply
50-45 Barnett Avenue
Sunnyside, NY
NYSDEC Site #241123



Historical Groundwater Analytical Results (µg/L)

Location	Date Collected	Tetrachloroethene	Trichloroethylene	cis-1,2-Dichloroethene	1,1 Dichloroethene	Acetone	Benzene	Bromodichloromethane	Chloroethane	Chloroform	Chloromethane	Toluene	trans-1,2-Dichloroethene	Vinyl Chloride	Total BTEX	Total VOCs
MW-104S	11/05/19	89	61	55	<1	<5	<1	<1	<1	<1	<1	<1	5	<1	<5	210
	08/21/20	190	39	63	<1	<5	<1	<1	<1	<1	0.76 J	<1	4.1	<1	<5	297
	04/16/21	47	86	310	0.87 J	<5	0.22 J	<1	<1	<1	<1	<1	25	0.26 J	0.22	469
	10/19/21	82	14	36	<1	<5	<1	<1	<1	<1	<1	<1	3	<1	<5	135
	12/14/22	160	27	86	<2	<100	<2	<1	<4	0.36 JD	<4	<2	9.5	<4	<8	283
	10/19/23	100	52	290	<2	<100	<2	<1	<4	<4	<4	<2	26	<4	<8	468
	02/05/24	62	91	460	<10	<500	<10	<5	<20	<20	<20	<10	49	<20	<40	662
	04/26/24	65	37	78	<1	<50	<1	<0.5	<2	<2	<2	<1	11	<2	<4	191
	07/29/24	90	55	120	<1	<50	<1	<0.5	<2	<2	<2	<1	19	<2	<4	284
	10/24/24	160	36	36	<2	<100	<2	<1	<4	<4	<4	<2	3.1	<4	<8	235
	02/14/25	97	28	48	<1	<50	<1	<0.5	3.6	<2	<2	<1	2.5	6.8	<4	186
05/21/25	86	34	58	<2	<100	<2	<1	<4	<4	<4	<2	6.4	<4	<8	184	
11/12/25	64	28	29	<1	<50	<1	<0.5	<2	3.1	<2	<1	4.4	<2	<4	129	
MW-105D	05/20/25	<1	<1	<1	<1	<50	<1	<0.5	<2	<2	<2	<1	<1	<2	<4	<177
MW-105S	05/20/25	<1	<1	<1	<1	<50	<1	<0.5	<2	<2	<2	<1	<1	<2	<4	<177
MW-107D*	08/21/20	9.6	4.7	<1	<1	5.2	<1	<1	<1	0.35 J	1.1	<1	<1	<1	<5	21
	04/15/21	3.2	4.4	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<5	8
	10/19/21	2.6	4.5	<1	<1	<5	<1	<1	<1	0.44 J	<1	<1	<1	<1	<5	8
	02/05/24	12	6.2	<1	<1	<50	<1	<0.5	<2	<2	<2	<1	<1	<2	<4	18
	04/26/24	2.2	3.1	<1	<1	<50	<1	<0.5	<2	<2	<2	<1	<1	<2	<4	5
	10/24/24	5.5	4.4	<1	<1	<50	<1	<0.5	<2	<2	<2	<1	<1	<2	<4	10
	02/14/25	66	15	1.7	<1	<50	<1	<0.5	<2	<2	<2	<1	<1	<2	<4	83
	05/21/25	4.7	4.4	<1	<1	<50	<1	<0.5	<2	<2	<2	<1	<1	<2	<4	9
11/12/25	1.8	4.2	<1	<1	<50	<1	<0.5	<2	<2	<2	<1	<1	<2	<4	6	
MW-108D	08/20/20	0.7 J	<1	<1	<1	<5	<1	<1	<1	<1	0.9 J	<1	<1	<1	<5	2
	04/15/21	0.29 J	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<5	0.29
	10/19/21	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<5	<121

TABLE 7

Former Cleaners Products Supply
 50-45 Barnett Avenue
 Sunnyside, NY
 NYSDEC Site #241123



Historical Groundwater Analytical Results (µg/L)

Location	Date Collected	Tetrachloroethene	Trichloroethylene	cis-1,2-Dichloroethene	1,1 Dichloroethene	Acetone	Benzene	Bromodichloromethane	Chloroethane	Chloroform	Chloromethane	Toluene	trans-1,2-Dichloroethene	Vinyl Chloride	Total BTEX	Total VOCs
MW-109S	08/21/20	9.8	0.48 J	<1	<1	<5	<1	<1	<1	<1	0.58 J	<1	<1	<1	<5	11
	04/15/21	10	0.64 J	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<5	11
	10/19/21	6.5	0.8 J	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<5	7
	05/21/25	6.8	2.6	<1	<1	<50	<1	<0.5	<2	<2	<2	<1	<1	<2	<4	9

Notes:

J - Laboratory estimated value

D - Sample dilution performed by laboratory

*ISCR pilot test performed in July 2023 near sample location

The chemicals listed below were reported below the LRL:

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



Figures

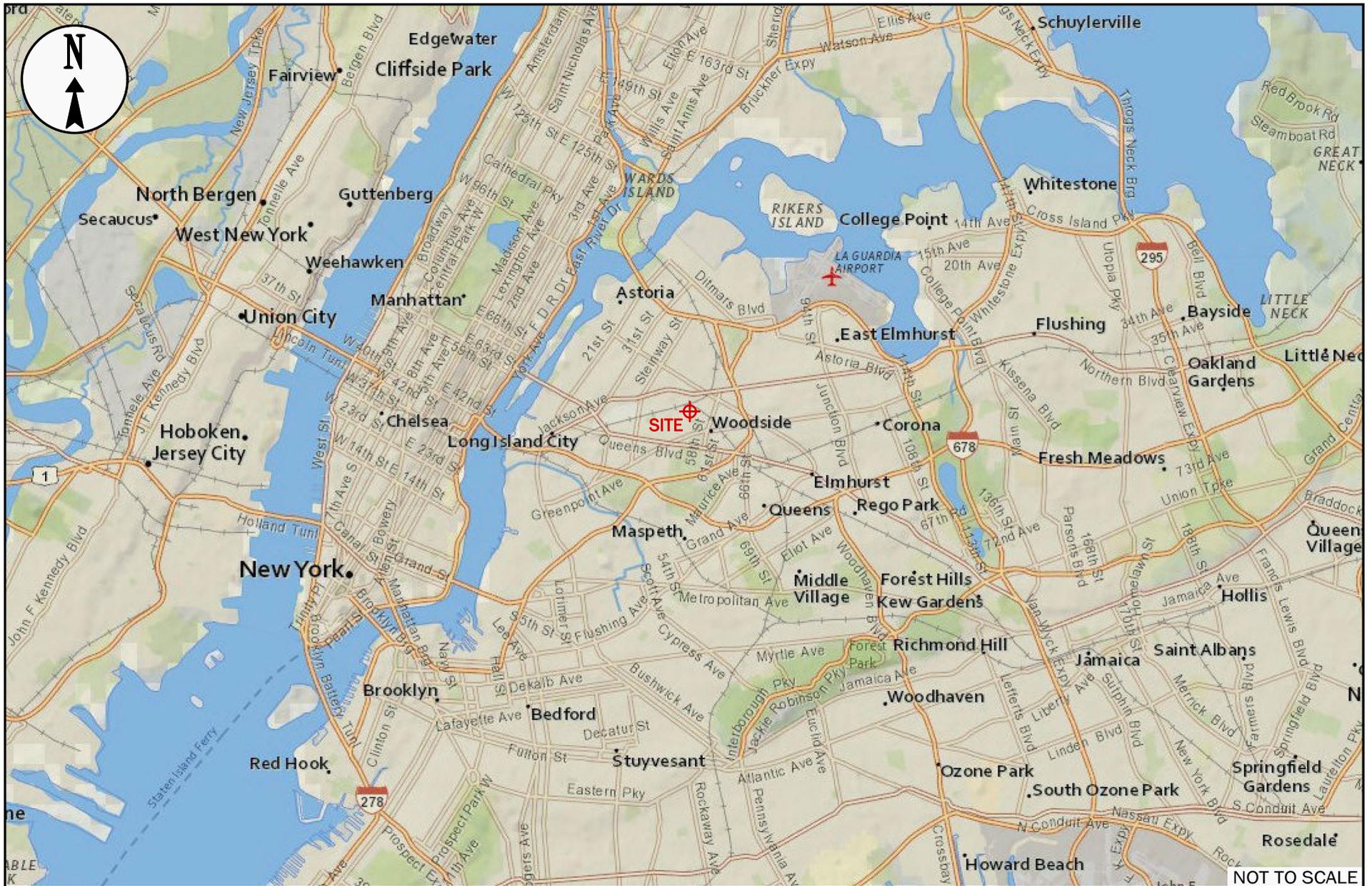
Figure 1: Site Location Map

Figure 2: Site Map

Figure 2: Analytical Results Post Map, May 2025

Figure 3: Analytical Results Post Map, November 2025

FIGURE 1



Environmental
Assessment &
Remediations
A LaBella Company

Site Location Map

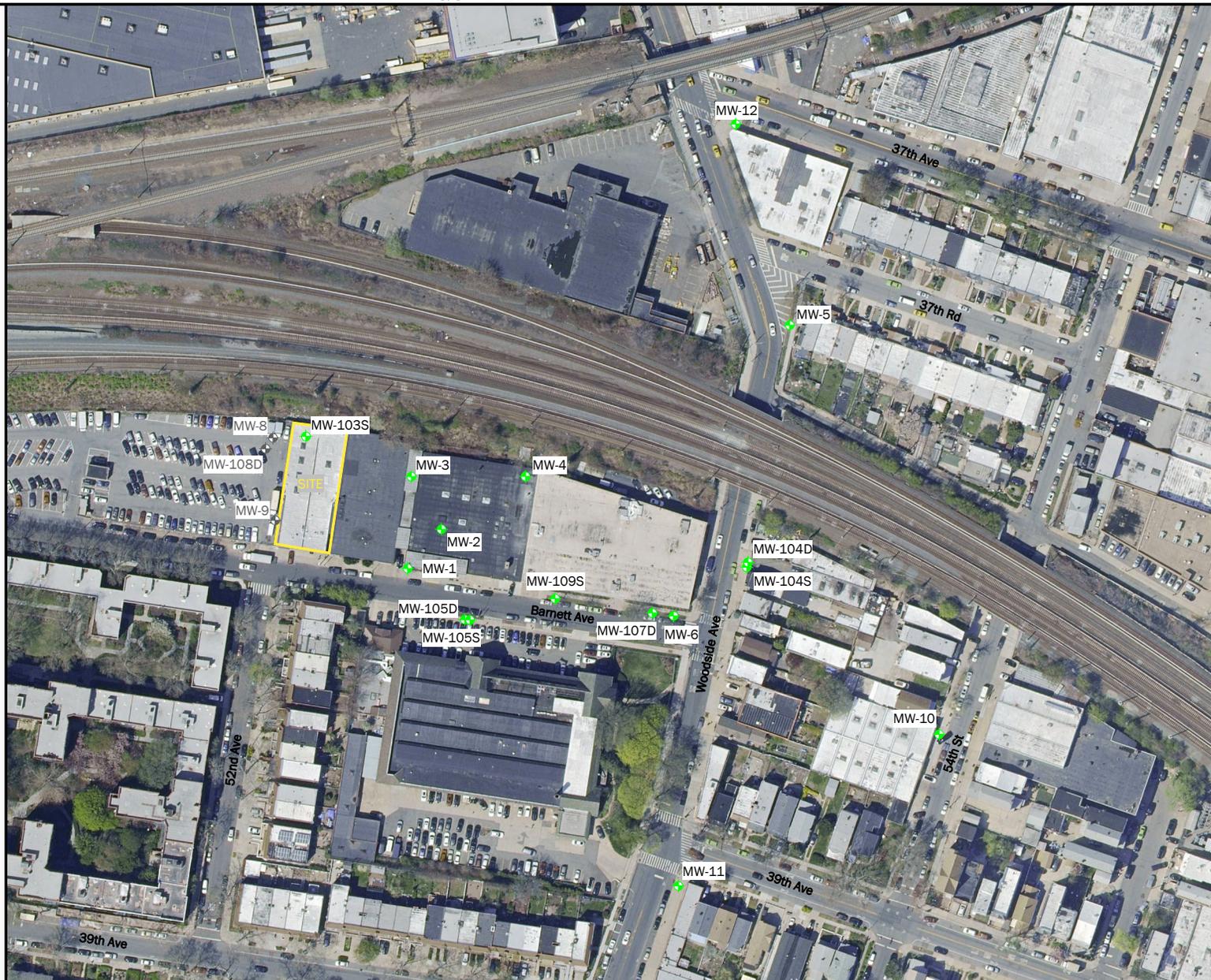
Former Cleaners Products Supply
50-45 Barnett Avenue
Sunnyside, NY
NYSDEC Site #241123

FIGURE 2



Legend

- ◆ Monitoring Well
- ◆ Monitoring Well (Destroyed)



0 180
SCALE IN FEET



Environmental
Assessment &
Remediations
A LaBella Company

Site Map

Former Cleaners Products Supply
50-45 Barnett Avenue
Sunnyside, NY
NYSDEC Site #241123

FIGURE 3



Legend

- ◆ Monitoring Well
- ◆ Monitoring Well (Destroyed)
- ns Not Sampled
- PCE
- TCE
- cis-1,2 DCE

0 180
SCALE IN FEET



Environmental
Assessment &
Remediations
A LaBella Company

Analytical Results (µg/L)
Groundwater Sampling
May 2025

Former Cleaners Products Supply
50-45 Barnett Avenue
Sunnyside, NY
NYSDEC Site #241123

FIGURE 4



Legend

- ◆ Monitoring Well
- ◆ Monitoring Well (Destroyed)
- ns Not Sampled
- PCE
- TCE
- cis-1,2 DCE

0 180
SCALE IN FEET



Environmental
Assessment &
Remediations
A LaBella Company

Analytical Results (µg/L)
Groundwater Sampling
November 2025

Former Cleaners Products Supply
50-45 Barnett Avenue
Sunnyside, NY
NYSDEC Site #241123



Appendix A: Waste Manifests

ACV JOB #

22827

Form Approved. OMB No. 2050-0039

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number NYR000089466	2. Page 1 of 1	3. Emergency Response Phone 800.777.4557	4. Manifest Tracking Number 024101243 JJK
---	--	-------------------	---	--

5. Generator's Name and Mailing Address New York State DEC 625 Broadway, 9th Fl Albany, NY 12207 518-402-8642	Generator's Site Address (if different than mailing address) 50-45 Barnett Ave Sunnyside, NY 11104
---	--

6. Transporter 1 Company Name ACV Environmental Services, Inc.	U.S. EPA ID Number NJD 003812047
---	-------------------------------------

7. Transporter 2 Company Name	U.S. EPA ID Number
-------------------------------	--------------------

8. Designated Facility Name and Site Address Cycle Chem, Inc 217 South 1st St Elizabeth NJ 07206 973-344-4004	U.S. EPA ID Number NJD 002200046
--	-------------------------------------

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
X	1. UN3082, Hazardous Waste, Liquid, n.o.s (tetrachloroethylene) 9, III	XX	DM	EST	P	D039	B
	2.	XX 1		x 200			
	3.						
	4.						

14. Special Handling Instructions and Additional Information 9b. 1) Approval 1109938-WR3 1109938-WR3	Republic Services Contact: Evan Stevens 908-384-7800
--	---

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offoror's Printed/Typed Name X Noah Sprague Agent of NYS-DEC	Signature <i>[Signature]</i>	Month 6	Day 17	Year 25
---	---------------------------------	------------	-----------	------------

16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.	Port of entry/exit: Date leaving U.S.:
--	---

17. Transporter Acknowledgment of Receipt of Materials	Signature <i>[Signature]</i>	Month 6	Day 17	Year 25
Transporter 1 Printed/Typed Name Steven mundo	Signature <i>[Signature]</i>	Month 6	Day 17	Year 25
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

18. Discrepancy	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input checked="" type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection
-----------------	---

18b. Alternate Facility (or Generator) 9b-1) un3082, waste environmentally hazardous substance liquid nos	Manifest Reference Number: U.S. EPA ID Number
--	--

18c. Signature of Alternate Facility (or Generator)	Month 6	Day 17	Year 25
---	------------	-----------	------------

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a	Signature <i>[Signature]</i>	Month 6	Day 17	Year 25
--	---------------------------------	------------	-----------	------------

28519

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NA	2. Page 1 of 1	3. Emergency Response Phone 800-899-4672	4. Manifest Tracking Number 024101367 JJK						
5. Generator's Name and Mailing Address New York State Department of Environmental Conservation 625 Broadway, 9th Floor Albany, NY 12207				Generator's Site Address (if different than mailing address) 50-45 Barnett Ave Sunnyside, NY 11739							
Generator's Phone: 646-423-6242				U.S. EPA ID Number NJD003812047							
6. Transporter 1 Company Name ACV Environmental Services Inc.				U.S. EPA ID Number							
7. Transporter 2 Company Name				U.S. EPA ID Number							
8. Designated Facility Name and Site Address Cycle Chem Inc. 217 South First Street Elizabeth, NJ 07206				U.S. EPA ID Number NJ D002200046							
Facility's Phone: 908 355 5800											
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes			
		1. Non-Regulated Materials NON-DOT / NON RCRA		No.	Type	100	P	1072			
		2.									
		3.									
		4.									
14. Special Handling Instructions and Additional Information 9b. 1) Non Regulated Materials TRUCK-114 Plate-XAN-1-175 Dec 9-1-006530 Contact: Evan Stevens Phone # 908 384 7800											
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.											
Generator's/Offoror's Printed/Typed Name BRUCE J. JAMES				Signature <i>[Signature]</i>				Month 12		Day 3	
Year 25				16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials											
Transporter 1 Printed/Typed Name JEFFREY E VILLI9				Signature <i>[Signature]</i>				Month 12		Day 3	
Year 25				Transporter 2 Printed/Typed Name							
18. Discrepancy											
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection											
Manifest Reference Number:											
18b. Alternate Facility (or Generator)						U.S. EPA ID Number					
Facility's Phone:											
18c. Signature of Alternate Facility (or Generator)						Month		Day		Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)											
1. H110			2.			3.			4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a											
Printed/Typed Name MARIAN A. AHUJAS				Signature <i>[Signature]</i>				Month 12		Day 03	
Year 25											



Appendix B: Laboratory Reports

May 29, 2025

Kyle Forster
NYDEC_Environmental Assessment & Remediation
225 Atlantic Avenue
Patchogue, NY 11772

Project Location: 50-45 Barnett Ave, Sunnyside, NY
Client Job Number:
Project Number: 241123
Laboratory Work Order Number: 25E1716

Enclosed are results of analyses for samples as received by the laboratory on May 22, 2025. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kyle K. Stuckey
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: Kyle Forster

REPORT DATE: 5/29/2025

PURCHASE ORDER NUMBER: 151736

PROJECT NUMBER: 241123

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 25E1716

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: 50-45 Barnett Ave, Sunnyside, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW-103S	25E1716-01	Ground Water		SW-846 8260D	
MW-3	25E1716-02	Ground Water		SW-846 8260D	
MW-105D	25E1716-03	Ground Water		SW-846 8260D	
MW-105S	25E1716-04	Ground Water		SW-846 8260D	

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:

1,2-Dibromo-3-chloropropane (DBCP)

25E1716-01[MW-103S], 25E1716-02[MW-3], 25E1716-03[MW-105D], 25E1716-04[MW-105S], B405789-BLK1, B405789-BS1, B405789-BSD1, S121836-CCV1

2-Butanone (MEK)

25E1716-01[MW-103S], 25E1716-02[MW-3], 25E1716-03[MW-105D], 25E1716-04[MW-105S], B405789-BLK1, B405789-BS1, B405789-BSD1, S121836-CCV1

Carbon Disulfide

25E1716-01[MW-103S], 25E1716-02[MW-3], 25E1716-03[MW-105D], 25E1716-04[MW-105S], B405789-BLK1, B405789-BS1, B405789-BSD1, S121836-CCV1

Chloromethane

25E1716-01[MW-103S], 25E1716-02[MW-3], 25E1716-03[MW-105D], 25E1716-04[MW-105S], B405789-BLK1, B405789-BS1, B405789-BSD1, S121836-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:

1,2,3-Trichloropropane

B405789-BS1, B405789-BSD1, S121836-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

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

Project Location: 50-45 Barnett Ave, Sunnyside, NY Sample Description:

Work Order: 25E1716

Date Received: 5/22/2025

Field Sample #: MW-103S

Sampled: 5/20/2025 09:55

Sample ID: 25E1716-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
Bromodichloromethane	1.4	0.50	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
2-Butanone (MEK)	ND	20	µg/L	1	V-05	SW-846 8260D	5/22/25	5/23/25 20:27	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
Carbon Disulfide	ND	5.0	µg/L	1	V-05	SW-846 8260D	5/22/25	5/23/25 20:27	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
Chloroform	19	2.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	5/22/25	5/23/25 20:27	LBD
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	5/22/25	5/23/25 20:27	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD

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

Project Location: 50-45 Barnett Ave, Sunnyside, NY

Sample Description:

Work Order: 25E1716

Date Received: 5/22/2025

Field Sample #: MW-103S

Sampled: 5/20/2025 09:55

Sample ID: 25E1716-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
Tetrachloroethylene	94	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 20:27	LBD
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		82.9		70-130				5/23/25 20:27	
Toluene-d8		93.0		70-130				5/23/25 20:27	
4-Bromofluorobenzene		101		70-130				5/23/25 20:27	

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

Project Location: 50-45 Barnett Ave, Sunnyside, NY

Sample Description:

Work Order: 25E1716

Date Received: 5/22/2025

Field Sample #: MW-3

Sampled: 5/20/2025 10:50

Sample ID: 25E1716-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
2-Butanone (MEK)	ND	20	µg/L	1	V-05	SW-846 8260D	5/22/25	5/23/25 17:51	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
Carbon Disulfide	ND	5.0	µg/L	1	V-05	SW-846 8260D	5/22/25	5/23/25 17:51	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	5/22/25	5/23/25 17:51	LBD
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	5/22/25	5/23/25 17:51	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD

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

Project Location: 50-45 Barnett Ave, Sunnyside, NY Sample Description:

Work Order: 25E1716

Date Received: 5/22/2025

Field Sample #: MW-3

Sampled: 5/20/2025 10:50

Sample ID: 25E1716-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
Tetrachloroethylene	6.4	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 17:51	LBD
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		83.0	70-130					5/23/25 17:51	
Toluene-d8		95.5	70-130					5/23/25 17:51	
4-Bromofluorobenzene		101	70-130					5/23/25 17:51	

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

Project Location: 50-45 Barnett Ave, Sunnyside, NY Sample Description:

Work Order: 25E1716

Date Received: 5/22/2025

Field Sample #: MW-105D

Sampled: 5/20/2025 11:28

Sample ID: 25E1716-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
2-Butanone (MEK)	ND	20	µg/L	1	V-05	SW-846 8260D	5/22/25	5/23/25 18:18	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
Carbon Disulfide	ND	5.0	µg/L	1	V-05	SW-846 8260D	5/22/25	5/23/25 18:18	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	5/22/25	5/23/25 18:18	LBD
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	5/22/25	5/23/25 18:18	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD

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Project Location: 50-45 Barnett Ave, Sunnyside, NY

Sample Description:

Work Order: 25E1716

Date Received: 5/22/2025

Field Sample #: MW-105D

Sampled: 5/20/2025 11:28

Sample ID: 25E1716-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:18	LBD
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		82.6	70-130					5/23/25 18:18	
Toluene-d8		93.9	70-130					5/23/25 18:18	
4-Bromofluorobenzene		99.0	70-130					5/23/25 18:18	

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

Project Location: 50-45 Barnett Ave, Sunnyside, NY Sample Description:

Work Order: 25E1716

Date Received: 5/22/2025

Field Sample #: MW-105S

Sampled: 5/20/2025 12:08

Sample ID: 25E1716-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
2-Butanone (MEK)	ND	20	µg/L	1	V-05	SW-846 8260D	5/22/25	5/23/25 18:44	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
Carbon Disulfide	ND	5.0	µg/L	1	V-05	SW-846 8260D	5/22/25	5/23/25 18:44	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	5/22/25	5/23/25 18:44	LBD
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	5/22/25	5/23/25 18:44	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD

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

Project Location: 50-45 Barnett Ave, Sunnyside, NY

Sample Description:

Work Order: 25E1716

Date Received: 5/22/2025

Field Sample #: MW-105S

Sampled: 5/20/2025 12:08

Sample ID: 25E1716-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	5/22/25	5/23/25 18:44	LBD
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		82.8		70-130				5/23/25 18:44	
Toluene-d8		94.3		70-130				5/23/25 18:44	
4-Bromofluorobenzene		99.3		70-130				5/23/25 18:44	



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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
25E1716-01 [MW-103S]	B405789	5	5.00	05/22/25
25E1716-02 [MW-3]	B405789	5	5.00	05/22/25
25E1716-03 [MW-105D]	B405789	5	5.00	05/22/25
25E1716-04 [MW-105S]	B405789	5	5.00	05/22/25

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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
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Batch B405789 - SW-846 5030B

Blank (B405789-BLK1)

Prepared & Analyzed: 05/23/25

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							
2-Butanone (MEK)	ND	20	µg/L							V-05
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							V-05
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							V-05
Cyclohexane	ND	5.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							V-05
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
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Batch B405789 - SW-846 5030B

Blank (B405789-BLK1)

Prepared & Analyzed: 05/23/25

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	20.6		µg/L	25.00		82.3	70-130			
Surrogate: Toluene-d8	23.5		µg/L	25.00		93.9	70-130			
Surrogate: 4-Bromofluorobenzene	25.2		µg/L	25.00		101	70-130			

LCS (B405789-BS1)

Prepared & Analyzed: 05/23/25

Acetone	90.3	50	µg/L	100.0		90.3	70-160			†
Benzene	8.88	1.0	µg/L	10.00		88.8	70-130			
Bromochloromethane	10.3	1.0	µg/L	10.00		103	70-130			
Bromodichloromethane	9.31	0.50	µg/L	10.00		93.1	70-130			
Bromoform	10.2	1.0	µg/L	10.00		102	70-130			
Bromomethane	9.92	2.0	µg/L	10.00		99.2	40-160			†
2-Butanone (MEK)	82.4	20	µg/L	100.0		82.4	40-160		V-05	†
n-Butylbenzene	9.52	1.0	µg/L	10.00		95.2	70-130			
sec-Butylbenzene	9.50	1.0	µg/L	10.00		95.0	70-130			
tert-Butylbenzene	10.4	1.0	µg/L	10.00		104	70-130			
Carbon Disulfide	80.8	5.0	µg/L	100.0		80.8	70-130		V-05	
Carbon Tetrachloride	8.89	5.0	µg/L	10.00		88.9	70-130			
Chlorobenzene	11.8	1.0	µg/L	10.00		118	70-130			
Chlorodibromomethane	9.76	0.50	µg/L	10.00		97.6	70-130			
Chloroethane	9.22	2.0	µg/L	10.00		92.2	70-130			
Chloroform	8.88	2.0	µg/L	10.00		88.8	70-130			
Chloromethane	8.18	2.0	µg/L	10.00		81.8	40-160		V-05	†
Cyclohexane	9.03	5.0	µg/L	10.00		90.3	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	8.09	5.0	µg/L	10.00		80.9	70-130		V-05	
1,2-Dibromoethane (EDB)	10.6	0.50	µg/L	10.00		106	70-130			
1,2-Dichlorobenzene	10.9	1.0	µg/L	10.00		109	70-130			
1,3-Dichlorobenzene	10.9	1.0	µg/L	10.00		109	70-130			
1,4-Dichlorobenzene	10.8	1.0	µg/L	10.00		108	70-130			
Dichlorodifluoromethane (Freon 12)	10.1	2.0	µg/L	10.00		101	40-160			†
1,1-Dichloroethane	8.89	1.0	µg/L	10.00		88.9	70-130			
1,2-Dichloroethane	9.55	1.0	µg/L	10.00		95.5	70-130			
1,1-Dichloroethylene	9.94	1.0	µg/L	10.00		99.4	70-130			
cis-1,2-Dichloroethylene	9.16	1.0	µg/L	10.00		91.6	70-130			
trans-1,2-Dichloroethylene	9.15	1.0	µg/L	10.00		91.5	70-130			
1,2-Dichloropropane	9.69	1.0	µg/L	10.00		96.9	70-130			
cis-1,3-Dichloropropene	9.21	0.50	µg/L	10.00		92.1	70-130			
trans-1,3-Dichloropropene	8.82	0.50	µg/L	10.00		88.2	70-130			
Ethylbenzene	10.8	1.0	µg/L	10.00		108	70-130			
2-Hexanone (MBK)	86.4	10	µg/L	100.0		86.4	70-160			†
Isopropylbenzene (Cumene)	11.1	1.0	µg/L	10.00		111	70-130			
p-Isopropyltoluene (p-Cymene)	10.2	1.0	µg/L	10.00		102	70-130			
Methyl Acetate	9.75	1.0	µg/L	10.00		97.5	70-130			
Methyl tert-Butyl Ether (MTBE)	8.92	1.0	µg/L	10.00		89.2	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 B405789 - SW-846 5030B										
LCS (B405789-BS1)										
Prepared & Analyzed: 05/23/25										
Methyl Cyclohexane	9.93	1.0	µg/L	10.00		99.3	70-130			
Methylene Chloride	9.19	5.0	µg/L	10.00		91.9	70-130			
4-Methyl-2-pentanone (MIBK)	89.3	10	µg/L	100.0		89.3	70-160			†
Naphthalene	8.71	2.0	µg/L	10.00		87.1	40-130			†
n-Propylbenzene	10.8	1.0	µg/L	10.00		108	70-130			
Styrene	11.4	1.0	µg/L	10.00		114	70-130			
1,1,2,2-Tetrachloroethane	10.8	0.50	µg/L	10.00		108	70-130			
Tetrachloroethylene	11.5	1.0	µg/L	10.00		115	70-130			
Toluene	9.64	1.0	µg/L	10.00		96.4	70-130			
1,2,3-Trichlorobenzene	9.53	5.0	µg/L	10.00		95.3	70-130			
1,2,4-Trichlorobenzene	10.4	1.0	µg/L	10.00		104	70-130			
1,1,1-Trichloroethane	9.13	1.0	µg/L	10.00		91.3	70-130			
1,1,2-Trichloroethane	10.2	1.0	µg/L	10.00		102	70-130			
Trichloroethylene	10.4	1.0	µg/L	10.00		104	70-130			
Trichlorofluoromethane (Freon 11)	10.3	2.0	µg/L	10.00		103	70-130			
1,2,3-Trichloropropane	12.4	2.0	µg/L	10.00		124	70-130			V-20
1,1,1,2-Tetrafluoroethane (Freon 113)	10.1	1.0	µg/L	10.00		101	70-130			
1,2,4-Trimethylbenzene	10.1	1.0	µg/L	10.00		101	70-130			
1,3,5-Trimethylbenzene	11.3	1.0	µg/L	10.00		113	70-130			
Vinyl Chloride	9.28	2.0	µg/L	10.00		92.8	40-160			†
m+p Xylene	21.8	2.0	µg/L	20.00		109	70-130			
o-Xylene	10.8	1.0	µg/L	10.00		108	70-130			
Xylenes (total)	32.6	1.0	µg/L	30.00		109	0-200			
Surrogate: 1,2-Dichloroethane-d4	20.4		µg/L	25.00		81.8	70-130			
Surrogate: Toluene-d8	23.6		µg/L	25.00		94.6	70-130			
Surrogate: 4-Bromofluorobenzene	29.2		µg/L	25.00		117	70-130			
LCS Dup (B405789-BSD1)										
Prepared & Analyzed: 05/23/25										
Acetone	90.5	50	µg/L	100.0		90.5	70-160	0.221	25	†
Benzene	8.98	1.0	µg/L	10.00		89.8	70-130	1.12	25	
Bromochloromethane	10.0	1.0	µg/L	10.00		100	70-130	2.55	25	
Bromodichloromethane	9.30	0.50	µg/L	10.00		93.0	70-130	0.107	25	
Bromoform	10.0	1.0	µg/L	10.00		100	70-130	1.48	25	
Bromomethane	8.62	2.0	µg/L	10.00		86.2	40-160	14.0	25	†
2-Butanone (MEK)	80.3	20	µg/L	100.0		80.3	40-160	2.61	25	V-05 †
n-Butylbenzene	9.57	1.0	µg/L	10.00		95.7	70-130	0.524	25	
sec-Butylbenzene	9.44	1.0	µg/L	10.00		94.4	70-130	0.634	25	
tert-Butylbenzene	10.4	1.0	µg/L	10.00		104	70-130	0.192	25	
Carbon Disulfide	82.1	5.0	µg/L	100.0		82.1	70-130	1.63	25	V-05
Carbon Tetrachloride	8.86	5.0	µg/L	10.00		88.6	70-130	0.338	25	
Chlorobenzene	11.7	1.0	µg/L	10.00		117	70-130	0.256	25	
Chlorodibromomethane	9.70	0.50	µg/L	10.00		97.0	70-130	0.617	25	
Chloroethane	9.81	2.0	µg/L	10.00		98.1	70-130	6.20	25	
Chloroform	9.14	2.0	µg/L	10.00		91.4	70-130	2.89	25	
Chloromethane	8.29	2.0	µg/L	10.00		82.9	40-160	1.34	25	V-05 †
Cyclohexane	9.24	5.0	µg/L	10.00		92.4	70-130	2.30	25	
1,2-Dibromo-3-chloropropane (DBCP)	7.81	5.0	µg/L	10.00		78.1	70-130	3.52	25	V-05
1,2-Dibromoethane (EDB)	10.1	0.50	µg/L	10.00		101	70-130	4.53	25	
1,2-Dichlorobenzene	10.9	1.0	µg/L	10.00		109	70-130	0.368	25	
1,3-Dichlorobenzene	10.9	1.0	µg/L	10.00		109	70-130	0.0915	25	
1,4-Dichlorobenzene	10.6	1.0	µg/L	10.00		106	70-130	1.96	25	
Dichlorodifluoromethane (Freon 12)	10.4	2.0	µg/L	10.00		104	40-160	3.01	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 B405789 - SW-846 5030B										
LCS Dup (B405789-BSD1)										
Prepared & Analyzed: 05/23/25										
1,1-Dichloroethane	8.97	1.0	µg/L	10.00		89.7	70-130	0.896	25	
1,2-Dichloroethane	10.3	1.0	µg/L	10.00		103	70-130	7.36	25	
1,1-Dichloroethylene	10.2	1.0	µg/L	10.00		102	70-130	2.78	25	
cis-1,2-Dichloroethylene	9.56	1.0	µg/L	10.00		95.6	70-130	4.27	25	
trans-1,2-Dichloroethylene	9.22	1.0	µg/L	10.00		92.2	70-130	0.762	25	
1,2-Dichloropropane	9.61	1.0	µg/L	10.00		96.1	70-130	0.829	25	
cis-1,3-Dichloropropene	9.18	0.50	µg/L	10.00		91.8	70-130	0.326	25	
trans-1,3-Dichloropropene	8.92	0.50	µg/L	10.00		89.2	70-130	1.13	25	
Ethylbenzene	10.9	1.0	µg/L	10.00		109	70-130	1.10	25	
2-Hexanone (MBK)	84.6	10	µg/L	100.0		84.6	70-160	2.15	25	†
Isopropylbenzene (Cumene)	11.2	1.0	µg/L	10.00		112	70-130	0.989	25	
p-Isopropyltoluene (p-Cymene)	10.3	1.0	µg/L	10.00		103	70-130	0.293	25	
Methyl Acetate	9.18	1.0	µg/L	10.00		91.8	70-130	6.02	25	
Methyl tert-Butyl Ether (MTBE)	8.85	1.0	µg/L	10.00		88.5	70-130	0.788	25	
Methyl Cyclohexane	10.0	1.0	µg/L	10.00		100	70-130	1.10	25	
Methylene Chloride	9.30	5.0	µg/L	10.00		93.0	70-130	1.19	25	
4-Methyl-2-pentanone (MIBK)	86.8	10	µg/L	100.0		86.8	70-160	2.85	25	†
Naphthalene	8.43	2.0	µg/L	10.00		84.3	40-130	3.27	25	†
n-Propylbenzene	10.9	1.0	µg/L	10.00		109	70-130	0.184	25	
Styrene	11.5	1.0	µg/L	10.00		115	70-130	0.175	25	
1,1,2,2-Tetrachloroethane	10.4	0.50	µg/L	10.00		104	70-130	3.86	25	
Tetrachloroethylene	11.8	1.0	µg/L	10.00		118	70-130	2.92	25	
Toluene	9.86	1.0	µg/L	10.00		98.6	70-130	2.26	25	
1,2,3-Trichlorobenzene	9.33	5.0	µg/L	10.00		93.3	70-130	2.12	25	
1,2,4-Trichlorobenzene	10.2	1.0	µg/L	10.00		102	70-130	1.66	25	
1,1,1-Trichloroethane	9.32	1.0	µg/L	10.00		93.2	70-130	2.06	25	
1,1,2-Trichloroethane	10.3	1.0	µg/L	10.00		103	70-130	1.17	25	
Trichloroethylene	10.8	1.0	µg/L	10.00		108	70-130	4.62	25	
Trichlorofluoromethane (Freon 11)	10.0	2.0	µg/L	10.00		100	70-130	3.05	25	
1,2,3-Trichloropropane	12.0	2.0	µg/L	10.00		120	70-130	3.21	25	V-20
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1	1.0	µg/L	10.00		101	70-130	0.396	25	
1,2,4-Trimethylbenzene	9.92	1.0	µg/L	10.00		99.2	70-130	1.50	25	
1,3,5-Trimethylbenzene	11.4	1.0	µg/L	10.00		114	70-130	0.528	25	
Vinyl Chloride	9.52	2.0	µg/L	10.00		95.2	40-160	2.55	25	†
m+p Xylene	21.9	2.0	µg/L	20.00		110	70-130	0.548	25	
o-Xylene	11.0	1.0	µg/L	10.00		110	70-130	1.19	25	
Xylenes (total)	32.9	1.0	µg/L	30.00		110	0-200	0.763		
Surrogate: 1,2-Dichloroethane-d4	20.6		µg/L	25.00		82.3	70-130			
Surrogate: Toluene-d8	23.7		µg/L	25.00		95.0	70-130			
Surrogate: 4-Bromofluorobenzene	29.3		µg/L	25.00		117	70-130			

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.
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.

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260D in Water</i>	
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
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

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260D in Water</i>	
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	06/30/2025
ME	State of Maine	MA00100	06/9/2025
VA	Commonwealth of Virginia	460217	12/14/2025



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

250716

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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: NYSDEC/EAR
Address: 225 Atlantic Ave., Patchogue, NY
Phone: (631) 447-6400
Project Name: Former Cleaners Products Supply
Project Location: 50-45 Barnett Ave., Sunnyside, NY
Project Number: NYSDEC Site #241123
Project Manager: DEC: Kyle Forster, EAR: Steve Goetz
Pace Analytical Quote Name/Number:
Invoice Recipient: NYSDEC
Sampled By: EAR

Requested Turnaround Time

7-Day 10-Day
 Due Date: NYSDEC Standard TAT
 Rush-Approval Required

1-Day 3-Day
 2-Day 4-Day
 Data Delivery

Format: PDF EXCEL

Other:

CLP Like Data Pkg Required:

Email To:

Fax To #:

EPA Method 8260, DER TCL

of Containers
 Preservation Code
 Container Code

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)

Pace Analytical Work Order #	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	Matrix Code	Conc Code
1	MW-1035	5/20/25	9:55		X	GW	U
2	MW-3		10:50				
3	MW-105D		11:28				
4	MW-105S		12:08				

Comments: Category A deliverables requested.
 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) [Signature] Date/Time: 5/20/25 14:00
Received by: (signature) [Signature] Date/Time: 5/20/25 14:00
Relinquished by: (signature) [Signature] Date/Time: 5/21/25 07:37
Received by: (signature) [Signature] Date/Time: 5/21/25 07:37
Relinquished by: (signature) [Signature] Date/Time: 5/21/25 10:30
Received by: (signature) [Signature] Date/Time: 5/21/25 07:35

Deliverables
 Enhanced Data Package
 NYSDEC EQUIS EDD
 EQUIS (Standard) EDD
 NY Regulatory EDD
 NY Regs Hits-Only EDD

Program & Regulatory Information
 AWQ STDS
 NYC Sewer Discharge
 Part 360 GW (Landfill)
 NY Restricted Use
 NY Unrestricted Use
 NY Part 375

Project Entity
 Government
 Federal
 City
 Municipality
 21 J
 Brownfield
 MWRA
 School
 MBTA
 WRTA
 Chromatogram
 AIHA-LAP, LLC

Other:
 MELAC and AIHA-LAP, LLC Accredited

June 5, 2025

Kyle Forster
NYDEC_Environmental Assessment & Remediation
225 Atlantic Avenue
Patchogue, NY 11772

Project Location: 50-45 Barnett Ave, Sunnyside, NY
Client Job Number:
Project Number: 241123
Laboratory Work Order Number: 25E1937

Enclosed are results of analyses for samples as received by the laboratory on May 23, 2025. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kyle K. Stuckey
Project Manager

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Pace Analytical Services, LLC - East Longmeadow, Ma

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NYDEC_Environmental Assessment & Remediation

225 Atlantic Avenue
Patchogue, NY 11772
ATTN: Kyle Forster

REPORT DATE: 6/5/2025

PURCHASE ORDER NUMBER: 151736

PROJECT NUMBER: 241123

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 25E1937

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: 50-45 Barnett Ave, Sunnyside, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW-104S	25E1937-01	Ground Water		SW-846 8260D	
MW-104D	25E1937-02	Ground Water		SW-846 8260D	
MW-5	25E1937-03	Ground Water		SW-846 8260D	
MW-6	25E1937-04	Ground Water		SW-846 8260D	
MW-107D	25E1937-05	Ground Water		SW-846 8260D	
MW-109S	25E1937-06	Ground Water		SW-846 8260D	
MW-X	25E1937-07	Ground Water		SW-846 8260D	
Equipment_Blank	25E1937-08	Equipment Blank Water		SW-846 8260D	
Trip_Blank	25E1937-09	Trip Blank 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.

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:

Bromochloromethane

B406131-BS1, B406131-BSD1, B406131-MS1, B406131-MSD1

Methyl Acetate

B406131-BS1, B406131-BSD1, B406131-MS1, B406131-MSD1

MS-15

Matrix spike and matrix spike duplicate recoveries are outside of control limits. Data validation is not affected since results for this compound in this sample are "not detected", and recovery bias is on the high side.

Analyte & Samples(s) Qualified:

Bromochloromethane

B406131-MS1, B406131-MSD1

Chloromethane

B406131-MS1, B406131-MSD1

Methyl Acetate

B406131-MS1, B406131-MSD1

MS-22

Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.

Analyte & Samples(s) Qualified:

1,2-Dichloroethane

B406131-MS1

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:

Dichlorodifluoromethane (Freon 12)

B406131-MSD1

Methyl Cyclohexane

B406131-MSD1

RL-11

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

25E1937-01[MW-104S], 25E1937-04[MW-6], 25E1937-07[MW-X]

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:

1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)

25E1937-01[MW-104S], 25E1937-02[MW-104D], 25E1937-03[MW-5], 25E1937-04[MW-6], 25E1937-05[MW-107D], 25E1937-06[MW-109S], 25E1937-07[MW-X], 25E1937-08[Equipment Blank], 25E1937-09[Trip Blank], B406131-BLK1, B406131-BS1, B406131-BSD1, B406131-MS1, B406131-MSD1, S122013-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:

1,2-Dichloroethane

B406131-BS1, B406131-BSD1, B406131-MS1, B406131-MSD1, S122013-CCV1

Bromochloromethane

B406131-BS1, B406131-BSD1, B406131-MS1, B406131-MSD1, S122013-CCV1

Methyl Acetate

B406131-BS1, B406131-BSD1, B406131-MS1, B406131-MSD1, S122013-CCV1



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.

A handwritten signature in black ink, appearing to read "Lisa A. Worthington", written over a light gray rectangular background.

Lisa A. Worthington
Technical Representative

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

Project Location: 50-45 Barnett Ave, Sunnyside, NY

Sample Description:

Work Order: 25E1937

Date Received: 5/23/2025

Field Sample #: MW-104S

Sampled: 5/21/2025 09:30

Sample ID: 25E1937-01

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	100	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
Benzene	ND	2.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
Bromochloromethane	ND	2.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
Bromodichloromethane	ND	1.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
Bromoform	ND	2.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
Bromomethane	ND	4.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
2-Butanone (MEK)	ND	40	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
n-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
sec-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
tert-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
Carbon Disulfide	ND	10	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
Carbon Tetrachloride	ND	10	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
Chlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
Chlorodibromomethane	ND	1.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
Chloroethane	ND	4.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
Chloroform	ND	4.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
Chloromethane	ND	4.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
Cyclohexane	ND	10	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
1,2-Dibromoethane (EDB)	ND	1.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
1,2-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
1,3-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
1,4-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
Dichlorodifluoromethane (Freon 12)	ND	4.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
1,1-Dichloroethane	ND	2.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
1,2-Dichloroethane	ND	2.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
1,1-Dichloroethylene	ND	2.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
cis-1,2-Dichloroethylene	58	2.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
trans-1,2-Dichloroethylene	6.4	2.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
1,2-Dichloropropane	ND	2.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
cis-1,3-Dichloropropene	ND	1.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
trans-1,3-Dichloropropene	ND	1.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
Ethylbenzene	ND	2.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
2-Hexanone (MBK)	ND	20	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
Isopropylbenzene (Cumene)	ND	2.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
p-Isopropyltoluene (p-Cymene)	ND	2.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
Methyl Acetate	ND	2.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
Methyl tert-Butyl Ether (MTBE)	ND	2.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
Methyl Cyclohexane	ND	2.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
Methylene Chloride	ND	10	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
4-Methyl-2-pentanone (MIBK)	ND	20	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
Naphthalene	ND	4.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
n-Propylbenzene	ND	2.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
Styrene	ND	2.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF

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

Project Location: 50-45 Barnett Ave, Sunnyside, NY Sample Description:

Work Order: 25E1937

Date Received: 5/23/2025

Field Sample #: MW-104S

Sampled: 5/21/2025 09:30

Sample ID: 25E1937-01

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	1.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
Tetrachloroethylene	86	2.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
Toluene	ND	2.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
1,2,3-Trichlorobenzene	ND	10	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
1,2,4-Trichlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
1,1,1-Trichloroethane	ND	2.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
1,1,2-Trichloroethane	ND	2.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
Trichloroethylene	34	2.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
Trichlorofluoromethane (Freon 11)	ND	4.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
1,2,3-Trichloropropane	ND	4.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.0	µg/L	2	V-05	SW-846 8260D	5/29/25	5/30/25 6:08	MFF
1,2,4-Trimethylbenzene	ND	2.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
1,3,5-Trimethylbenzene	ND	2.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
Vinyl Chloride	ND	4.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
m+p Xylene	ND	4.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
o-Xylene	ND	2.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
Xylenes (total)	ND	2.0	µg/L	2		SW-846 8260D	5/29/25	5/30/25 6:08	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		112	70-130					5/30/25 6:08	
Toluene-d8		99.8	70-130					5/30/25 6:08	
4-Bromofluorobenzene		88.9	70-130					5/30/25 6:08	

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Project Location: 50-45 Barnett Ave, Sunnyside, NY

Sample Description:

Work Order: 25E1937

Date Received: 5/23/2025

Field Sample #: MW-104D

Sampled: 5/21/2025 10:15

Sample ID: 25E1937-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
cis-1,2-Dichloroethylene	8.0	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF

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

Project Location: 50-45 Barnett Ave, Sunnyside, NY

Sample Description:

Work Order: 25E1937

Date Received: 5/23/2025

Field Sample #: MW-104D

Sampled: 5/21/2025 10:15

Sample ID: 25E1937-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
Tetrachloroethylene	51	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
Trichloroethylene	11	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1	V-05	SW-846 8260D	5/29/25	5/30/25 5:14	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:14	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4	115		70-130				5/30/25 5:14		
Toluene-d8	99.4		70-130				5/30/25 5:14		
4-Bromofluorobenzene	89.1		70-130				5/30/25 5:14		

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Project Location: 50-45 Barnett Ave, Sunnyside, NY

Sample Description:

Work Order: 25E1937

Date Received: 5/23/2025

Field Sample #: MW-5

Sampled: 5/21/2025 10:55

Sample ID: 25E1937-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
cis-1,2-Dichloroethylene	1.8	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF

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

Project Location: 50-45 Barnett Ave, Sunnyside, NY

Sample Description:

Work Order: 25E1937

Date Received: 5/23/2025

Field Sample #: MW-5

Sampled: 5/21/2025 10:55

Sample ID: 25E1937-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
Tetrachloroethylene	20	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
Trichloroethylene	5.7	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1	V-05	SW-846 8260D	5/29/25	5/30/25 5:41	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 5:41	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		106		70-130				5/30/25 5:41	
Toluene-d8		100		70-130				5/30/25 5:41	
4-Bromofluorobenzene		89.7		70-130				5/30/25 5:41	

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

Project Location: 50-45 Barnett Ave, Sunnyside, NY

Sample Description:

Work Order: 25E1937

Date Received: 5/23/2025

Field Sample #: MW-6

Sampled: 5/21/2025 11:40

Sample ID: 25E1937-04

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	5000	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
Benzene	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
Bromochloromethane	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
Bromodichloromethane	ND	50	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
Bromoform	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
Bromomethane	ND	200	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
2-Butanone (MEK)	ND	2000	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
n-Butylbenzene	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
sec-Butylbenzene	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
tert-Butylbenzene	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
Carbon Disulfide	ND	500	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
Carbon Tetrachloride	ND	500	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
Chlorobenzene	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
Chlorodibromomethane	ND	50	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
Chloroethane	ND	200	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
Chloroform	ND	200	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
Chloromethane	ND	200	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
Cyclohexane	ND	500	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	500	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
1,2-Dibromoethane (EDB)	ND	50	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
1,2-Dichlorobenzene	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
1,3-Dichlorobenzene	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
1,4-Dichlorobenzene	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
Dichlorodifluoromethane (Freon 12)	ND	200	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
1,1-Dichloroethane	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
1,2-Dichloroethane	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
1,1-Dichloroethylene	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
cis-1,2-Dichloroethylene	110	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
trans-1,2-Dichloroethylene	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
1,2-Dichloropropane	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
cis-1,3-Dichloropropene	ND	50	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
trans-1,3-Dichloropropene	ND	50	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
Ethylbenzene	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
2-Hexanone (MBK)	ND	1000	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
Isopropylbenzene (Cumene)	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
p-Isopropyltoluene (p-Cymene)	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
Methyl Acetate	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
Methyl tert-Butyl Ether (MTBE)	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
Methyl Cyclohexane	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
Methylene Chloride	ND	500	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
4-Methyl-2-pentanone (MIBK)	ND	1000	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
Naphthalene	ND	200	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
n-Propylbenzene	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
Styrene	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF

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

Project Location: 50-45 Barnett Ave, Sunnyside, NY

Sample Description:

Work Order: 25E1937

Date Received: 5/23/2025

Field Sample #: MW-6

Sampled: 5/21/2025 11:40

Sample ID: 25E1937-04

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	50	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
Tetrachloroethylene	7800	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
Toluene	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
1,2,3-Trichlorobenzene	ND	500	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
1,2,4-Trichlorobenzene	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
1,1,1-Trichloroethane	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
1,1,2-Trichloroethane	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
Trichloroethylene	430	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
Trichlorofluoromethane (Freon 11)	ND	200	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
1,2,3-Trichloropropane	ND	200	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	100	µg/L	100	V-05	SW-846 8260D	5/29/25	5/30/25 6:34	MFF
1,2,4-Trimethylbenzene	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
1,3,5-Trimethylbenzene	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
Vinyl Chloride	ND	200	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
m+p Xylene	ND	200	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
o-Xylene	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
Xylenes (total)	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 6:34	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		106	70-130					5/30/25 6:34	
Toluene-d8		98.1	70-130					5/30/25 6:34	
4-Bromofluorobenzene		92.8	70-130					5/30/25 6:34	

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

Project Location: 50-45 Barnett Ave, Sunnyside, NY

Sample Description:

Work Order: 25E1937

Date Received: 5/23/2025

Field Sample #: MW-107D

Sampled: 5/21/2025 12:39

Sample ID: 25E1937-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF

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

Project Location: 50-45 Barnett Ave, Sunnyside, NY

Sample Description:

Work Order: 25E1937

Date Received: 5/23/2025

Field Sample #: MW-107D

Sampled: 5/21/2025 12:39

Sample ID: 25E1937-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
Tetrachloroethylene	4.7	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
Trichloroethylene	4.4	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1	V-05	SW-846 8260D	5/29/25	5/30/25 4:47	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:47	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4	111		70-130				5/30/25 4:47		
Toluene-d8	99.7		70-130				5/30/25 4:47		
4-Bromofluorobenzene	94.2		70-130				5/30/25 4:47		

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

Project Location: 50-45 Barnett Ave, Sunnyside, NY

Sample Description:

Work Order: 25E1937

Date Received: 5/23/2025

Field Sample #: MW-109S

Sampled: 5/21/2025 13:13

Sample ID: 25E1937-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF

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

Project Location: 50-45 Barnett Ave, Sunnyside, NY

Sample Description:

Work Order: 25E1937

Date Received: 5/23/2025

Field Sample #: MW-109S

Sampled: 5/21/2025 13:13

Sample ID: 25E1937-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
Tetrachloroethylene	6.8	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
Trichloroethylene	2.6	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1	V-05	SW-846 8260D	5/29/25	5/30/25 4:20	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 4:20	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		112	70-130					5/30/25 4:20	
Toluene-d8		99.6	70-130					5/30/25 4:20	
4-Bromofluorobenzene		94.4	70-130					5/30/25 4:20	

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

Project Location: 50-45 Barnett Ave, Sunnyside, NY

Sample Description:

Work Order: 25E1937

Date Received: 5/23/2025

Field Sample #: MW-X

Sampled: 5/21/2025 00:00

Sample ID: 25E1937-07

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	5000	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
Benzene	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
Bromochloromethane	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
Bromodichloromethane	ND	50	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
Bromoform	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
Bromomethane	ND	200	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
2-Butanone (MEK)	ND	2000	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
n-Butylbenzene	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
sec-Butylbenzene	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
tert-Butylbenzene	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
Carbon Disulfide	ND	500	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
Carbon Tetrachloride	ND	500	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
Chlorobenzene	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
Chlorodibromomethane	ND	50	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
Chloroethane	ND	200	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
Chloroform	ND	200	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
Chloromethane	ND	200	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
Cyclohexane	ND	500	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	500	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
1,2-Dibromoethane (EDB)	ND	50	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
1,2-Dichlorobenzene	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
1,3-Dichlorobenzene	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
1,4-Dichlorobenzene	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
Dichlorodifluoromethane (Freon 12)	ND	200	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
1,1-Dichloroethane	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
1,2-Dichloroethane	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
1,1-Dichloroethylene	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
cis-1,2-Dichloroethylene	100	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
trans-1,2-Dichloroethylene	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
1,2-Dichloropropane	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
cis-1,3-Dichloropropene	ND	50	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
trans-1,3-Dichloropropene	ND	50	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
Ethylbenzene	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
2-Hexanone (MBK)	ND	1000	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
Isopropylbenzene (Cumene)	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
p-Isopropyltoluene (p-Cymene)	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
Methyl Acetate	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
Methyl tert-Butyl Ether (MTBE)	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
Methyl Cyclohexane	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
Methylene Chloride	ND	500	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
4-Methyl-2-pentanone (MIBK)	ND	1000	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
Naphthalene	ND	200	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
n-Propylbenzene	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
Styrene	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF

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

Project Location: 50-45 Barnett Ave, Sunnyside, NY

Sample Description:

Work Order: 25E1937

Date Received: 5/23/2025

Field Sample #: MW-X

Sampled: 5/21/2025 00:00

Sample ID: 25E1937-07

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	50	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
Tetrachloroethylene	8400	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
Toluene	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
1,2,3-Trichlorobenzene	ND	500	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
1,2,4-Trichlorobenzene	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
1,1,1-Trichloroethane	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
1,1,2-Trichloroethane	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
Trichloroethylene	410	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
Trichlorofluoromethane (Freon 11)	ND	200	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
1,2,3-Trichloropropane	ND	200	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	100	µg/L	100	V-05	SW-846 8260D	5/29/25	5/30/25 7:01	MFF
1,2,4-Trimethylbenzene	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
1,3,5-Trimethylbenzene	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
Vinyl Chloride	ND	200	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
m+p Xylene	ND	200	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
o-Xylene	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
Xylenes (total)	ND	100	µg/L	100		SW-846 8260D	5/29/25	5/30/25 7:01	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4	116		70-130				5/30/25 7:01		
Toluene-d8	97.6		70-130				5/30/25 7:01		
4-Bromofluorobenzene	89.5		70-130				5/30/25 7:01		

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

Project Location: 50-45 Barnett Ave, Sunnyside, NY

Sample Description:

Work Order: 25E1937

Date Received: 5/23/2025

Field Sample #: Equipment_Blank

Sampled: 5/21/2025 12:34

Sample ID: 25E1937-08

Sample Matrix: Equipment Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF

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

Project Location: 50-45 Barnett Ave, Sunnyside, NY

Sample Description:

Work Order: 25E1937

Date Received: 5/23/2025

Field Sample #: Equipment_Blank

Sampled: 5/21/2025 12:34

Sample ID: 25E1937-08

Sample Matrix: Equipment Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1	V-05	SW-846 8260D	5/29/25	5/30/25 1:13	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:13	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		113		70-130				5/30/25 1:13	
Toluene-d8		98.8		70-130				5/30/25 1:13	
4-Bromofluorobenzene		94.0		70-130				5/30/25 1:13	

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

Project Location: 50-45 Barnett Ave, Sunnyside, NY

Sample Description:

Work Order: 25E1937

Date Received: 5/23/2025

Field Sample #: Trip_Blank

Sampled: 5/21/2025 00:00

Sample ID: 25E1937-09

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF

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

Project Location: 50-45 Barnett Ave, Sunnyside, NY

Sample Description:

Work Order: 25E1937

Date Received: 5/23/2025

Field Sample #: Trip_Blank

Sampled: 5/21/2025 00:00

Sample ID: 25E1937-09

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1	V-05	SW-846 8260D	5/29/25	5/30/25 1:39	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	5/29/25	5/30/25 1:39	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		113		70-130				5/30/25 1:39	
Toluene-d8		101		70-130				5/30/25 1:39	
4-Bromofluorobenzene		90.2		70-130				5/30/25 1:39	

Sample Extraction Data

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
25E1937-01 [MW-104S]	B406131	2.5	5.00	05/29/25
25E1937-02 [MW-104D]	B406131	5	5.00	05/29/25
25E1937-03 [MW-5]	B406131	5	5.00	05/29/25
25E1937-04 [MW-6]	B406131	0.05	5.00	05/29/25
25E1937-05 [MW-107D]	B406131	5	5.00	05/29/25
25E1937-06 [MW-109S]	B406131	5	5.00	05/29/25
25E1937-07 [MW-X]	B406131	0.05	5.00	05/29/25
25E1937-08 [Equipment_Blank]	B406131	5	5.00	05/29/25
25E1937-09 [Trip_Blank]	B406131	5	5.00	05/29/25

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
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Batch B406131 - SW-846 5030B

Blank (B406131-BLK1)

Prepared: 05/29/25 Analyzed: 05/30/25

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							
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							

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 B406131 - SW-846 5030B										
Blank (B406131-BLK1)										
					Prepared: 05/29/25 Analyzed: 05/30/25					
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							V-05
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	26.9		µg/L	25.00		108	70-130			
Surrogate: Toluene-d8	24.7		µg/L	25.00		98.9	70-130			
Surrogate: 4-Bromofluorobenzene	24.0		µg/L	25.00		96.0	70-130			
LCS (B406131-BS1)										
					Prepared & Analyzed: 05/29/25					
Acetone	108	50	µg/L	100.0		108	70-160			†
Benzene	11.8	1.0	µg/L	10.00		118	70-130			
Bromochloromethane	13.4	1.0	µg/L	10.00		134 *	70-130			L-02, V-20
Bromodichloromethane	11.5	0.50	µg/L	10.00		115	70-130			
Bromoform	9.69	1.0	µg/L	10.00		96.9	70-130			
Bromomethane	8.73	2.0	µg/L	10.00		87.3	40-160			†
2-Butanone (MEK)	127	20	µg/L	100.0		127	40-160			†
n-Butylbenzene	9.78	1.0	µg/L	10.00		97.8	70-130			
sec-Butylbenzene	9.50	1.0	µg/L	10.00		95.0	70-130			
tert-Butylbenzene	10.0	1.0	µg/L	10.00		100	70-130			
Carbon Disulfide	91.1	5.0	µg/L	100.0		91.1	70-130			
Carbon Tetrachloride	11.4	5.0	µg/L	10.00		114	70-130			
Chlorobenzene	10.9	1.0	µg/L	10.00		109	70-130			
Chlorodibromomethane	10.1	0.50	µg/L	10.00		101	70-130			
Chloroethane	7.94	2.0	µg/L	10.00		79.4	70-130			
Chloroform	10.5	2.0	µg/L	10.00		105	70-130			
Chloromethane	10.1	2.0	µg/L	10.00		101	40-160			†
Cyclohexane	12.0	5.0	µg/L	10.00		120	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	11.1	5.0	µg/L	10.00		111	70-130			
1,2-Dibromoethane (EDB)	11.1	0.50	µg/L	10.00		111	70-130			
1,2-Dichlorobenzene	9.78	1.0	µg/L	10.00		97.8	70-130			
1,3-Dichlorobenzene	9.90	1.0	µg/L	10.00		99.0	70-130			
1,4-Dichlorobenzene	10.3	1.0	µg/L	10.00		103	70-130			
Dichlorodifluoromethane (Freon 12)	10.4	2.0	µg/L	10.00		104	40-160			†
1,1-Dichloroethane	11.4	1.0	µg/L	10.00		114	70-130			
1,2-Dichloroethane	12.5	1.0	µg/L	10.00		125	70-130			V-20
1,1-Dichloroethylene	9.27	1.0	µg/L	10.00		92.7	70-130			
cis-1,2-Dichloroethylene	11.7	1.0	µg/L	10.00		117	70-130			
trans-1,2-Dichloroethylene	10.7	1.0	µg/L	10.00		107	70-130			
1,2-Dichloropropane	12.2	1.0	µg/L	10.00		122	70-130			
cis-1,3-Dichloropropene	11.0	0.50	µg/L	10.00		110	70-130			
trans-1,3-Dichloropropene	11.9	0.50	µg/L	10.00		119	70-130			
Ethylbenzene	10.8	1.0	µg/L	10.00		108	70-130			
2-Hexanone (MBK)	117	10	µg/L	100.0		117	70-160			†
Isopropylbenzene (Cumene)	10.3	1.0	µg/L	10.00		103	70-130			
p-Isopropyltoluene (p-Cymene)	10.3	1.0	µg/L	10.00		103	70-130			
Methyl Acetate	13.9	1.0	µg/L	10.00		139 *	70-130			L-02, V-20
Methyl tert-Butyl Ether (MTBE)	10.8	1.0	µg/L	10.00		108	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 B406131 - SW-846 5030B										
LCS (B406131-BS1)										
Prepared & Analyzed: 05/29/25										
Methyl Cyclohexane	11.7	1.0	µg/L	10.00		117	70-130			
Methylene Chloride	11.1	5.0	µg/L	10.00		111	70-130			
4-Methyl-2-pentanone (MIBK)	115	10	µg/L	100.0		115	70-160			†
Naphthalene	10.0	2.0	µg/L	10.00		100	40-130			†
n-Propylbenzene	10.5	1.0	µg/L	10.00		105	70-130			
Styrene	10.9	1.0	µg/L	10.00		109	70-130			
1,1,2,2-Tetrachloroethane	9.78	0.50	µg/L	10.00		97.8	70-130			
Tetrachloroethylene	10.7	1.0	µg/L	10.00		107	70-130			
Toluene	10.6	1.0	µg/L	10.00		106	70-130			
1,2,3-Trichlorobenzene	10.5	5.0	µg/L	10.00		105	70-130			
1,2,4-Trichlorobenzene	11.2	1.0	µg/L	10.00		112	70-130			
1,1,1-Trichloroethane	11.3	1.0	µg/L	10.00		113	70-130			
1,1,2-Trichloroethane	10.8	1.0	µg/L	10.00		108	70-130			
Trichloroethylene	11.1	1.0	µg/L	10.00		111	70-130			
Trichlorofluoromethane (Freon 11)	9.61	2.0	µg/L	10.00		96.1	70-130			
1,2,3-Trichloropropane	9.82	2.0	µg/L	10.00		98.2	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.56	1.0	µg/L	10.00		85.6	70-130			V-05
1,2,4-Trimethylbenzene	10.1	1.0	µg/L	10.00		101	70-130			
1,3,5-Trimethylbenzene	10.6	1.0	µg/L	10.00		106	70-130			
Vinyl Chloride	9.54	2.0	µg/L	10.00		95.4	40-160			†
m+p Xylene	21.0	2.0	µg/L	20.00		105	70-130			
o-Xylene	10.5	1.0	µg/L	10.00		105	70-130			
Xylenes (total)	31.6	1.0	µg/L	30.00		105	0-200			
Surrogate: 1,2-Dichloroethane-d4	28.3		µg/L	25.00		113	70-130			
Surrogate: Toluene-d8	24.9		µg/L	25.00		99.5	70-130			
Surrogate: 4-Bromofluorobenzene	25.3		µg/L	25.00		101	70-130			
LCS Dup (B406131-BSD1)										
Prepared & Analyzed: 05/29/25										
Acetone	101	50	µg/L	100.0		101	70-160	6.86	25	†
Benzene	11.2	1.0	µg/L	10.00		112	70-130	4.60	25	
Bromochloromethane	13.6	1.0	µg/L	10.00		136	* 70-130	1.63	25	L-02, V-20
Bromodichloromethane	11.5	0.50	µg/L	10.00		115	70-130	0.0871	25	
Bromoform	9.64	1.0	µg/L	10.00		96.4	70-130	0.517	25	
Bromomethane	8.47	2.0	µg/L	10.00		84.7	40-160	3.02	25	†
2-Butanone (MEK)	124	20	µg/L	100.0		124	40-160	2.19	25	†
n-Butylbenzene	10.2	1.0	µg/L	10.00		102	70-130	3.71	25	
sec-Butylbenzene	9.65	1.0	µg/L	10.00		96.5	70-130	1.57	25	
tert-Butylbenzene	10.6	1.0	µg/L	10.00		106	70-130	5.71	25	
Carbon Disulfide	92.8	5.0	µg/L	100.0		92.8	70-130	1.89	25	
Carbon Tetrachloride	10.6	5.0	µg/L	10.00		106	70-130	7.72	25	
Chlorobenzene	10.4	1.0	µg/L	10.00		104	70-130	4.12	25	
Chlorodibromomethane	10.7	0.50	µg/L	10.00		107	70-130	5.77	25	
Chloroethane	8.43	2.0	µg/L	10.00		84.3	70-130	5.99	25	
Chloroform	11.5	2.0	µg/L	10.00		115	70-130	8.65	25	
Chloromethane	10.5	2.0	µg/L	10.00		105	40-160	4.18	25	†
Cyclohexane	11.2	5.0	µg/L	10.00		112	70-130	6.65	25	
1,2-Dibromo-3-chloropropane (DBCP)	11.0	5.0	µg/L	10.00		110	70-130	1.17	25	
1,2-Dibromoethane (EDB)	10.8	0.50	µg/L	10.00		108	70-130	2.75	25	
1,2-Dichlorobenzene	11.0	1.0	µg/L	10.00		110	70-130	11.5	25	
1,3-Dichlorobenzene	10.9	1.0	µg/L	10.00		109	70-130	9.62	25	
1,4-Dichlorobenzene	10.0	1.0	µg/L	10.00		100	70-130	2.65	25	
Dichlorodifluoromethane (Freon 12)	10.2	2.0	µg/L	10.00		102	40-160	1.07	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 B406131 - SW-846 5030B										
LCS Dup (B406131-BSD1)										
Prepared & Analyzed: 05/29/25										
1,1-Dichloroethane	11.6	1.0	µg/L	10.00		116	70-130	1.92	25	
1,2-Dichloroethane	12.3	1.0	µg/L	10.00		123	70-130	1.70	25	V-20
1,1-Dichloroethylene	9.55	1.0	µg/L	10.00		95.5	70-130	2.98	25	
cis-1,2-Dichloroethylene	12.0	1.0	µg/L	10.00		120	70-130	2.78	25	
trans-1,2-Dichloroethylene	10.5	1.0	µg/L	10.00		105	70-130	1.41	25	
1,2-Dichloropropane	11.8	1.0	µg/L	10.00		118	70-130	3.51	25	
cis-1,3-Dichloropropene	11.3	0.50	µg/L	10.00		113	70-130	3.41	25	
trans-1,3-Dichloropropene	11.7	0.50	µg/L	10.00		117	70-130	1.77	25	
Ethylbenzene	10.8	1.0	µg/L	10.00		108	70-130	0.00	25	
2-Hexanone (MBK)	114	10	µg/L	100.0		114	70-160	2.69	25	†
Isopropylbenzene (Cumene)	10.6	1.0	µg/L	10.00		106	70-130	3.35	25	
p-Isopropyltoluene (p-Cymene)	10.6	1.0	µg/L	10.00		106	70-130	2.96	25	
Methyl Acetate	14.4	1.0	µg/L	10.00		144	* 70-130	3.53	25	L-02, V-20
Methyl tert-Butyl Ether (MTBE)	11.2	1.0	µg/L	10.00		112	70-130	3.82	25	
Methyl Cyclohexane	11.8	1.0	µg/L	10.00		118	70-130	1.02	25	
Methylene Chloride	11.0	5.0	µg/L	10.00		110	70-130	1.09	25	
4-Methyl-2-pentanone (MIBK)	112	10	µg/L	100.0		112	70-160	2.61	25	†
Naphthalene	9.86	2.0	µg/L	10.00		98.6	40-130	1.71	25	†
n-Propylbenzene	10.6	1.0	µg/L	10.00		106	70-130	1.80	25	
Styrene	11.0	1.0	µg/L	10.00		110	70-130	1.28	25	
1,1,2,2-Tetrachloroethane	10.2	0.50	µg/L	10.00		102	70-130	3.91	25	
Tetrachloroethylene	11.6	1.0	µg/L	10.00		116	70-130	7.54	25	
Toluene	10.8	1.0	µg/L	10.00		108	70-130	2.43	25	
1,2,3-Trichlorobenzene	12.1	5.0	µg/L	10.00		121	70-130	14.3	25	
1,2,4-Trichlorobenzene	11.8	1.0	µg/L	10.00		118	70-130	5.74	25	
1,1,1-Trichloroethane	11.2	1.0	µg/L	10.00		112	70-130	0.799	25	
1,1,2-Trichloroethane	11.3	1.0	µg/L	10.00		113	70-130	4.33	25	
Trichloroethylene	11.4	1.0	µg/L	10.00		114	70-130	2.59	25	
Trichlorofluoromethane (Freon 11)	9.82	2.0	µg/L	10.00		98.2	70-130	2.16	25	
1,2,3-Trichloropropane	9.59	2.0	µg/L	10.00		95.9	70-130	2.37	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.16	1.0	µg/L	10.00		81.6	70-130	4.78	25	V-05
1,2,4-Trimethylbenzene	10.8	1.0	µg/L	10.00		108	70-130	6.03	25	
1,3,5-Trimethylbenzene	10.7	1.0	µg/L	10.00		107	70-130	0.842	25	
Vinyl Chloride	9.67	2.0	µg/L	10.00		96.7	40-160	1.35	25	†
m+p Xylene	21.9	2.0	µg/L	20.00		109	70-130	3.82	25	
o-Xylene	10.6	1.0	µg/L	10.00		106	70-130	0.945	25	
Xylenes (total)	32.5	1.0	µg/L	30.00		108	0-200	2.87		
Surrogate: 1,2-Dichloroethane-d4	27.7		µg/L	25.00		111	70-130			
Surrogate: Toluene-d8	24.0		µg/L	25.00		96.2	70-130			
Surrogate: 4-Bromofluorobenzene	24.4		µg/L	25.00		97.7	70-130			
Matrix Spike (B406131-MS1)										
Source: 25E1937-04 Prepared: 05/29/25 Analyzed: 05/30/25										
Acetone	10700	5000	µg/L	10000	ND	107	70-130			
Benzene	1240	100	µg/L	1000	ND	124	70-130			
Bromochloromethane	1340	100	µg/L	1000	ND	134	* 70-130			L-02, MS-15, V-20
Bromodichloromethane	1170	50	µg/L	1000	ND	117	70-130			
Bromoform	951	100	µg/L	1000	ND	95.1	70-130			
Bromomethane	881	200	µg/L	1000	ND	88.1	70-130			
2-Butanone (MEK)	13000	2000	µg/L	10000	ND	130	70-130			
n-Butylbenzene	964	100	µg/L	1000	ND	96.4	70-130			
sec-Butylbenzene	999	100	µg/L	1000	ND	99.9	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 B406131 - SW-846 5030B										
Matrix Spike (B406131-MS1)	Source: 25E1937-04			Prepared: 05/29/25 Analyzed: 05/30/25						
tert-Butylbenzene	1080	100	µg/L	1000	ND	108	70-130			
Carbon Disulfide	10400	500	µg/L	10000	ND	104	70-130			
Carbon Tetrachloride	1220	500	µg/L	1000	ND	122	70-130			
Chlorobenzene	1070	100	µg/L	1000	ND	107	70-130			
Chlorodibromomethane	1040	50	µg/L	1000	ND	104	70-130			
Chloroethane	875	200	µg/L	1000	ND	87.5	70-130			
Chloroform	1190	200	µg/L	1000	ND	119	70-130			
Chloromethane	1410	200	µg/L	1000	ND	141 *	70-130			MS-15
Cyclohexane	1240	500	µg/L	1000	ND	124	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	975	500	µg/L	1000	ND	97.5	70-130			
1,2-Dibromoethane (EDB)	1100	50	µg/L	1000	ND	110	70-130			
1,2-Dichlorobenzene	1050	100	µg/L	1000	ND	105	70-130			
1,3-Dichlorobenzene	1030	100	µg/L	1000	ND	103	70-130			
1,4-Dichlorobenzene	1040	100	µg/L	1000	ND	104	70-130			
Dichlorodifluoromethane (Freon 12)	1270	200	µg/L	1000	ND	127	70-130			
1,1-Dichloroethane	1230	100	µg/L	1000	ND	123	70-130			
1,2-Dichloroethane	1310	100	µg/L	1000	ND	131 *	70-130			MS-22, V-20
1,1-Dichloroethylene	1030	100	µg/L	1000	ND	103	70-130			
cis-1,2-Dichloroethylene	1280	100	µg/L	1000	110	117	70-130			
trans-1,2-Dichloroethylene	1120	100	µg/L	1000	ND	112	70-130			
1,2-Dichloropropane	1280	100	µg/L	1000	ND	128	70-130			
cis-1,3-Dichloropropene	1100	50	µg/L	1000	ND	110	70-130			
trans-1,3-Dichloropropene	1170	50	µg/L	1000	ND	117	70-130			
Ethylbenzene	1100	100	µg/L	1000	ND	110	70-130			
2-Hexanone (MBK)	11800	1000	µg/L	10000	ND	118	70-130			
Isopropylbenzene (Cumene)	1070	100	µg/L	1000	ND	107	70-130			
p-Isopropyltoluene (p-Cymene)	1010	100	µg/L	1000	ND	101	70-130			
Methyl Acetate	1480	100	µg/L	1000	ND	148 *	70-130			L-02, MS-15, V-20
Methyl tert-Butyl Ether (MTBE)	1120	100	µg/L	1000	ND	112	70-130			
Methyl Cyclohexane	1260	100	µg/L	1000	ND	126	70-130			
Methylene Chloride	1170	500	µg/L	1000	ND	117	70-130			
4-Methyl-2-pentanone (MIBK)	11600	1000	µg/L	10000	ND	116	70-130			
Naphthalene	954	200	µg/L	1000	ND	95.4	70-130			
n-Propylbenzene	1070	100	µg/L	1000	ND	107	70-130			
Styrene	1100	100	µg/L	1000	ND	110	70-130			
1,1,2,2-Tetrachloroethane	996	50	µg/L	1000	ND	99.6	70-130			
Tetrachloroethylene	8780	100	µg/L	1000	7820	96.1	70-130			
Toluene	1140	100	µg/L	1000	ND	114	70-130			
1,2,3-Trichlorobenzene	1170	500	µg/L	1000	ND	117	70-130			
1,2,4-Trichlorobenzene	1130	100	µg/L	1000	ND	113	70-130			
1,1,1-Trichloroethane	1200	100	µg/L	1000	ND	120	70-130			
1,1,2-Trichloroethane	1110	100	µg/L	1000	ND	111	70-130			
Trichloroethylene	1640	100	µg/L	1000	433	121	70-130			
Trichlorofluoromethane (Freon 11)	1110	200	µg/L	1000	ND	111	70-130			
1,2,3-Trichloropropane	1190	200	µg/L	1000	ND	119	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	891	100	µg/L	1000	ND	89.1	70-130			V-05
1,2,4-Trimethylbenzene	1010	100	µg/L	1000	ND	101	70-130			
1,3,5-Trimethylbenzene	1060	100	µg/L	1000	ND	106	70-130			
Vinyl Chloride	1140	200	µg/L	1000	ND	114	70-130			
m+p Xylene	2160	200	µg/L	2000	ND	108	70-130			
o-Xylene	1080	100	µg/L	1000	ND	108	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 B406131 - SW-846 5030B										
Matrix Spike (B406131-MS1)										
		Source: 25E1937-04			Prepared: 05/29/25 Analyzed: 05/30/25					
Xylenes (total)	3240	100	µg/L	3000	ND	108	0-200			
Surrogate: 1,2-Dichloroethane-d4	27.6		µg/L	25.00		110	70-130			
Surrogate: Toluene-d8	24.7		µg/L	25.00		98.8	70-130			
Surrogate: 4-Bromofluorobenzene	24.4		µg/L	25.00		97.7	70-130			
Matrix Spike Dup (B406131-MSD1)										
		Source: 25E1937-04			Prepared: 05/29/25 Analyzed: 05/30/25					
Acetone	10100	5000	µg/L	10000	ND	101	70-130	5.83	30	
Benzene	1220	100	µg/L	1000	ND	122	70-130	2.12	30	
Bromochloromethane	1340	100	µg/L	1000	ND	134 *	70-130	0.0744	30	L-02, MS-15, V-20
Bromodichloromethane	1170	50	µg/L	1000	ND	117	70-130	0.0854	30	
Bromoform	937	100	µg/L	1000	ND	93.7	70-130	1.48	30	
Bromomethane	853	200	µg/L	1000	ND	85.3	70-130	3.23	30	
2-Butanone (MEK)	11600	2000	µg/L	10000	ND	116	70-130	10.6	30	
n-Butylbenzene	1020	100	µg/L	1000	ND	102	70-130	5.15	30	
sec-Butylbenzene	1050	100	µg/L	1000	ND	105	70-130	4.88	30	
tert-Butylbenzene	1120	100	µg/L	1000	ND	112	70-130	2.91	30	
Carbon Disulfide	10200	500	µg/L	10000	ND	102	70-130	1.92	30	
Carbon Tetrachloride	1280	500	µg/L	1000	ND	128	70-130	5.04	30	
Chlorobenzene	1110	100	µg/L	1000	ND	111	70-130	3.86	30	
Chlorodibromomethane	1080	50	µg/L	1000	ND	108	70-130	3.02	30	
Chloroethane	909	200	µg/L	1000	ND	90.9	70-130	3.81	30	
Chloroform	1200	200	µg/L	1000	ND	120	70-130	1.00	30	
Chloromethane	1330	200	µg/L	1000	ND	133 *	70-130	5.63	30	MS-15
Cyclohexane	1300	500	µg/L	1000	ND	130	70-130	5.36	30	
1,2-Dibromo-3-chloropropane (DBCP)	987	500	µg/L	1000	ND	98.7	70-130	1.22	30	
1,2-Dibromoethane (EDB)	1080	50	µg/L	1000	ND	108	70-130	1.56	30	
1,2-Dichlorobenzene	1030	100	µg/L	1000	ND	103	70-130	1.83	30	
1,3-Dichlorobenzene	1090	100	µg/L	1000	ND	109	70-130	5.29	30	
1,4-Dichlorobenzene	1080	100	µg/L	1000	ND	108	70-130	3.67	30	
Dichlorodifluoromethane (Freon 12)	1340	200	µg/L	1000	ND	134 *	70-130	5.29	30	MS-24
1,1-Dichloroethane	1280	100	µg/L	1000	ND	128	70-130	3.59	30	
1,2-Dichloroethane	1270	100	µg/L	1000	ND	127	70-130	3.41	30	V-20
1,1-Dichloroethylene	1080	100	µg/L	1000	ND	108	70-130	5.02	30	
cis-1,2-Dichloroethylene	1280	100	µg/L	1000	110	117	70-130	0.235	30	
trans-1,2-Dichloroethylene	1160	100	µg/L	1000	ND	116	70-130	3.15	30	
1,2-Dichloropropane	1180	100	µg/L	1000	ND	118	70-130	8.20	30	
cis-1,3-Dichloropropene	1040	50	µg/L	1000	ND	104	70-130	5.24	30	
trans-1,3-Dichloropropene	1160	50	µg/L	1000	ND	116	70-130	0.602	30	
Ethylbenzene	1130	100	µg/L	1000	ND	113	70-130	2.88	30	
2-Hexanone (MBK)	10700	1000	µg/L	10000	ND	107	70-130	10.6	30	
Isopropylbenzene (Cumene)	1140	100	µg/L	1000	ND	114	70-130	5.52	30	
p-Isopropyltoluene (p-Cymene)	1070	100	µg/L	1000	ND	107	70-130	5.56	30	
Methyl Acetate	1390	100	µg/L	1000	ND	139 *	70-130	6.36	30	L-02, MS-15, V-20
Methyl tert-Butyl Ether (MTBE)	1090	100	µg/L	1000	ND	109	70-130	3.35	30	
Methyl Cyclohexane	1310	100	µg/L	1000	ND	131 *	70-130	3.65	30	MS-24
Methylene Chloride	1160	500	µg/L	1000	ND	116	70-130	0.601	30	
4-Methyl-2-pentanone (MIBK)	10900	1000	µg/L	10000	ND	109	70-130	6.38	30	
Naphthalene	1030	200	µg/L	1000	ND	103	70-130	7.37	30	
n-Propylbenzene	1110	100	µg/L	1000	ND	111	70-130	3.66	30	
Styrene	1150	100	µg/L	1000	ND	115	70-130	4.00	30	
1,1,2,2-Tetrachloroethane	972	50	µg/L	1000	ND	97.2	70-130	2.44	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 B406131 - SW-846 5030B										
Matrix Spike Dup (B406131-MSD1)										
		Source: 25E1937-04			Prepared: 05/29/25 Analyzed: 05/30/25					
Tetrachloroethylene	8720	100	µg/L	1000	7820	89.9	70-130	0.709	30	
Toluene	1180	100	µg/L	1000	ND	118	70-130	3.19	30	
1,2,3-Trichlorobenzene	1160	500	µg/L	1000	ND	116	70-130	1.20	30	
1,2,4-Trichlorobenzene	1140	100	µg/L	1000	ND	114	70-130	0.442	30	
1,1,1-Trichloroethane	1270	100	µg/L	1000	ND	127	70-130	5.25	30	
1,1,2-Trichloroethane	1100	100	µg/L	1000	ND	110	70-130	0.812	30	
Trichloroethylene	1590	100	µg/L	1000	433	116	70-130	3.15	30	
Trichlorofluoromethane (Freon 11)	1130	200	µg/L	1000	ND	113	70-130	2.24	30	
1,2,3-Trichloropropane	940	200	µg/L	1000	ND	94.0	70-130	23.6	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	958	100	µg/L	1000	ND	95.8	70-130	7.25	30	V-05
1,2,4-Trimethylbenzene	1060	100	µg/L	1000	ND	106	70-130	4.84	30	
1,3,5-Trimethylbenzene	1080	100	µg/L	1000	ND	108	70-130	1.03	30	
Vinyl Chloride	1090	200	µg/L	1000	ND	109	70-130	4.93	30	
m+p Xylene	2240	200	µg/L	2000	ND	112	70-130	3.63	20	
o-Xylene	1110	100	µg/L	1000	ND	111	70-130	2.47	30	
Xylenes (total)	3350	100	µg/L	3000	ND	112	0-200	3.25		
Surrogate: 1,2-Dichloroethane-d4	28.7		µg/L	25.00		115	70-130			
Surrogate: Toluene-d8	24.3		µg/L	25.00		97.3	70-130			
Surrogate: 4-Bromofluorobenzene	23.8		µg/L	25.00		95.0	70-130			

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.
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.
MS-15	Matrix spike and matrix spike duplicate recoveries are outside of control limits. Data validation is not affected since results for this compound in this sample are "not detected", and recovery bias is on the high side.
MS-22	Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD 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.
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.

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260D in Water</i>	
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
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
1,1,1,2-Tetrachloroethane	CT,ME,NH,VA,NY,NJ
Tetrachloroethylene	CT,ME,NH,VA,NY,NJ
Toluene	CT,ME,NH,VA,NY,NJ

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260D in Water</i>	
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	06/30/2025
ME	State of Maine	MA00100	06/9/2025
VA	Commonwealth of Virginia	460217	12/14/2025

November 21, 2025

Kyle Forster
NYDEC_Labella Associates - Ballston Spa, NY
5 McCrea Hill Road
Ballston Spa, NY 12020

Project Location: 50-45 Barnett Ave., Sunnyside, NY
Client Job Number:
Project Number: 241123
Laboratory Work Order Number: 25K0794

Enclosed are results of analyses for samples as received by the laboratory on November 14, 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

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NYDEC_Labella Associates - Ballston Spa, NY
5 McCrea Hill Road
Ballston Spa, NY 12020
ATTN: Kyle Forster

REPORT DATE: 11/21/2025

PURCHASE ORDER NUMBER: 151736

PROJECT NUMBER: 241123

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 25K0794

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: 50-45 Barnett Ave.,Sunnyside, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW-6	25K0794-01	Ground Water		SW-846 8260D	
MW-107D	25K0794-02	Ground Water		SW-846 8260D	
MW-103S	25K0794-03	Ground Water		SW-846 8260D	
MW-104D	25K0794-04	Ground Water		SW-846 8260D	
MW-104S	25K0794-05	Ground Water		SW-846 8260D	
MW-5	25K0794-06	Ground Water		SW-846 8260D	
EQUIPMENT_BLANK	25K0794-07	Equipment Blank Water		SW-846 8260D	
TRIP_BLANK	25K0794-08	Trip Blank Water		SW-846 8260D	
WASTE_CHARECTER	25K0794-09	Ground Water		SW-846 8260D	
MW-X	25K0794-10	Ground Water		SW-846 8260D	

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:

MS-09

Matrix spike recovery and/or matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

Acetone

25K0794-01[MW-6], B417679-MS1, B417679-MSD1

Methyl Acetate

25K0794-01[MW-6], B417679-MS1, B417679-MSD1

MS-19

Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.

Analyte & Samples(s) Qualified:

Tetrachloroethylene

25K0794-01[MW-6], B417679-MS1, B417679-MSD1

RL-11

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

25K0794-01[MW-6], 25K0794-04[MW-104D], 25K0794-09[WASTE_CHARECTER], 25K0794-10[MW-X]

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:

Acetone

25K0794-01[MW-6], 25K0794-02[MW-107D], 25K0794-03[MW-103S], 25K0794-04[MW-104D], 25K0794-05[MW-104S], 25K0794-06[MW-5], 25K0794-07[EQUIPMENT_BLANK], 25K0794-08[TRIP_BLANK], 25K0794-09[WASTE_CHARECTER], 25K0794-10[MW-X], B417679-BLK1, B417679-BS1, B417679-BSD1, B417679-MS1, B417679-MSD1, S128798-CCV1

Bromomethane

25K0794-01[MW-6], 25K0794-02[MW-107D], 25K0794-03[MW-103S], 25K0794-04[MW-104D], 25K0794-05[MW-104S], 25K0794-06[MW-5], 25K0794-07[EQUIPMENT_BLANK], 25K0794-08[TRIP_BLANK], 25K0794-09[WASTE_CHARECTER], 25K0794-10[MW-X], B417679-BLK1, B417679-BS1, B417679-BSD1, B417679-MS1, B417679-MSD1, S128798-CCV1

Chloromethane

25K0794-01[MW-6], 25K0794-02[MW-107D], 25K0794-03[MW-103S], 25K0794-04[MW-104D], 25K0794-05[MW-104S], 25K0794-06[MW-5], 25K0794-07[EQUIPMENT_BLANK], 25K0794-08[TRIP_BLANK], 25K0794-09[WASTE_CHARECTER], 25K0794-10[MW-X], B417679-BLK1, B417679-BS1, B417679-BSD1, B417679-MS1, B417679-MSD1, S128798-CCV1

Methyl Acetate

25K0794-01[MW-6], 25K0794-02[MW-107D], 25K0794-03[MW-103S], 25K0794-04[MW-104D], 25K0794-05[MW-104S], 25K0794-06[MW-5], 25K0794-07[EQUIPMENT_BLANK], 25K0794-08[TRIP_BLANK], 25K0794-09[WASTE_CHARECTER], 25K0794-10[MW-X], B417679-BLK1, B417679-BS1, B417679-BSD1, B417679-MS1, B417679-MSD1, S128798-CCV1



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.

A handwritten signature in black ink that reads "Lisa A. Worthington".

Lisa A. Worthington
Technical Representative

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

Project Location: 50-45 Barnett Ave., Sunnyside, NY

Sample Description:

Work Order: 25K0794

Date Received: 11/14/2025

Field Sample #: MW-6

Sampled: 11/12/2025 08:50

Sample ID: 25K0794-01

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	2000	µg/L	40	V-05, MS-09	SW-846 8260D	11/18/25	11/20/25 2:02	EEH
Benzene	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
Bromochloromethane	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
Bromodichloromethane	ND	20	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
Bromoform	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
Bromomethane	ND	80	µg/L	40	V-05	SW-846 8260D	11/18/25	11/20/25 2:02	EEH
2-Butanone (MEK)	ND	800	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
n-Butylbenzene	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
sec-Butylbenzene	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
tert-Butylbenzene	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
Carbon Disulfide	ND	200	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
Carbon Tetrachloride	ND	200	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
Chlorobenzene	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
Chlorodibromomethane	ND	20	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
Chloroethane	ND	80	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
Chloroform	ND	80	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
Chloromethane	ND	80	µg/L	40	V-05	SW-846 8260D	11/18/25	11/20/25 2:02	EEH
Cyclohexane	ND	200	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	200	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
1,2-Dibromoethane (EDB)	ND	20	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
1,2-Dichlorobenzene	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
1,3-Dichlorobenzene	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
1,4-Dichlorobenzene	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
Dichlorodifluoromethane (Freon 12)	ND	80	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
1,1-Dichloroethane	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
1,2-Dichloroethane	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
1,1-Dichloroethylene	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
cis-1,2-Dichloroethylene	120	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
trans-1,2-Dichloroethylene	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
1,2-Dichloropropane	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
cis-1,3-Dichloropropene	ND	20	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
trans-1,3-Dichloropropene	ND	20	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
Ethylbenzene	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
2-Hexanone (MBK)	ND	400	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
Isopropylbenzene (Cumene)	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
p-Isopropyltoluene (p-Cymene)	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
Methyl Acetate	ND	40	µg/L	40	V-05, MS-09	SW-846 8260D	11/18/25	11/20/25 2:02	EEH
Methyl tert-Butyl Ether (MTBE)	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
Methyl Cyclohexane	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
Methylene Chloride	ND	200	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
4-Methyl-2-pentanone (MIBK)	ND	400	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
Naphthalene	ND	80	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
n-Propylbenzene	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
Styrene	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH

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Project Location: 50-45 Barnett Ave., Sunnyside, NY

Sample Description:

Work Order: 25K0794

Date Received: 11/14/2025

Field Sample #: MW-6

Sampled: 11/12/2025 08:50

Sample ID: 25K0794-01

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	20	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
Tetrachloroethylene	3500	40	µg/L	40	MS-19	SW-846 8260D	11/18/25	11/20/25 2:02	EEH
Toluene	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
1,2,3-Trichlorobenzene	ND	200	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
1,2,4-Trichlorobenzene	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
1,1,1-Trichloroethane	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
1,1,2-Trichloroethane	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
Trichloroethylene	450	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
Trichlorofluoromethane (Freon 11)	ND	80	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
1,2,3-Trichloropropane	ND	80	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
1,2,4-Trimethylbenzene	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
1,3,5-Trimethylbenzene	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
Vinyl Chloride	ND	80	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
m+p Xylene	ND	80	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
o-Xylene	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
Xylenes (total)	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 2:02	EEH
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		98.7	70-130				11/20/25	2:02	
Toluene-d8		97.6	70-130				11/20/25	2:02	
4-Bromofluorobenzene		104	70-130				11/20/25	2:02	

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Project Location: 50-45 Barnett Ave., Sunnyside, NY

Sample Description:

Work Order: 25K0794

Date Received: 11/14/2025

Field Sample #: MW-107D

Sampled: 11/12/2025 09:36

Sample ID: 25K0794-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1	V-05	SW-846 8260D	11/18/25	11/19/25 22:13	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	11/18/25	11/19/25 22:13	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	11/18/25	11/19/25 22:13	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
Methyl Acetate	ND	1.0	µg/L	1	V-05	SW-846 8260D	11/18/25	11/19/25 22:13	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH

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

Project Location: 50-45 Barnett Ave., Sunnyside, NY

Sample Description:

Work Order: 25K0794

Date Received: 11/14/2025

Field Sample #: MW-107D

Sampled: 11/12/2025 09:36

Sample ID: 25K0794-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
Tetrachloroethylene	1.8	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
Trichloroethylene	4.2	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 22:13	EEH
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		95.3	70-130					11/19/25 22:13	
Toluene-d8		97.4	70-130					11/19/25 22:13	
4-Bromofluorobenzene		104	70-130					11/19/25 22:13	

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Project Location: 50-45 Barnett Ave., Sunnyside, NY

Sample Description:

Work Order: 25K0794

Date Received: 11/14/2025

Field Sample #: MW-103S

Sampled: 11/12/2025 10:38

Sample ID: 25K0794-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1	V-05	SW-846 8260D	11/18/25	11/19/25 20:57	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	11/18/25	11/19/25 20:57	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
Chloroform	5.0	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	11/18/25	11/19/25 20:57	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
Methyl Acetate	ND	1.0	µg/L	1	V-05	SW-846 8260D	11/18/25	11/19/25 20:57	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH

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

Project Location: 50-45 Barnett Ave., Sunnyside, NY

Sample Description:

Work Order: 25K0794

Date Received: 11/14/2025

Field Sample #: MW-103S

Sampled: 11/12/2025 10:38

Sample ID: 25K0794-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
Tetrachloroethylene	35	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:57	EEH
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		97.5	70-130					11/19/25 20:57	
Toluene-d8		97.7	70-130					11/19/25 20:57	
4-Bromofluorobenzene		105	70-130					11/19/25 20:57	

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Project Location: 50-45 Barnett Ave., Sunnyside, NY

Sample Description:

Work Order: 25K0794

Date Received: 11/14/2025

Field Sample #: MW-104D

Sampled: 11/12/2025 11:40

Sample ID: 25K0794-04

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	100	µg/L	2	V-05	SW-846 8260D	11/18/25	11/20/25 2:27	EEH
Benzene	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
Bromochloromethane	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
Bromodichloromethane	ND	1.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
Bromoform	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
Bromomethane	ND	4.0	µg/L	2	V-05	SW-846 8260D	11/18/25	11/20/25 2:27	EEH
2-Butanone (MEK)	ND	40	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
n-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
sec-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
tert-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
Carbon Disulfide	ND	10	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
Carbon Tetrachloride	ND	10	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
Chlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
Chlorodibromomethane	ND	1.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
Chloroethane	ND	4.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
Chloroform	ND	4.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
Chloromethane	ND	4.0	µg/L	2	V-05	SW-846 8260D	11/18/25	11/20/25 2:27	EEH
Cyclohexane	ND	10	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
1,2-Dibromoethane (EDB)	ND	1.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
1,2-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
1,3-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
1,4-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
Dichlorodifluoromethane (Freon 12)	ND	4.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
1,1-Dichloroethane	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
1,2-Dichloroethane	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
1,1-Dichloroethylene	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
cis-1,2-Dichloroethylene	25	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
trans-1,2-Dichloroethylene	2.2	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
1,2-Dichloropropane	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
cis-1,3-Dichloropropene	ND	1.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
trans-1,3-Dichloropropene	ND	1.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
Ethylbenzene	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
2-Hexanone (MBK)	ND	20	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
Isopropylbenzene (Cumene)	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
p-Isopropyltoluene (p-Cymene)	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
Methyl Acetate	ND	2.0	µg/L	2	V-05	SW-846 8260D	11/18/25	11/20/25 2:27	EEH
Methyl tert-Butyl Ether (MTBE)	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
Methyl Cyclohexane	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
Methylene Chloride	ND	10	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
4-Methyl-2-pentanone (MIBK)	ND	20	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
Naphthalene	ND	4.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
n-Propylbenzene	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
Styrene	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH

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

Project Location: 50-45 Barnett Ave., Sunnyside, NY

Sample Description:

Work Order: 25K0794

Date Received: 11/14/2025

Field Sample #: MW-104D

Sampled: 11/12/2025 11:40

Sample ID: 25K0794-04

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	1.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
Tetrachloroethylene	170	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
Toluene	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
1,2,3-Trichlorobenzene	ND	10	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
1,2,4-Trichlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
1,1,1-Trichloroethane	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
1,1,2-Trichloroethane	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
Trichloroethylene	26	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
Trichlorofluoromethane (Freon 11)	ND	4.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
1,2,3-Trichloropropane	ND	4.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
1,2,4-Trimethylbenzene	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
1,3,5-Trimethylbenzene	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
Vinyl Chloride	4.1	4.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
m+p Xylene	ND	4.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
o-Xylene	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
Xylenes (total)	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:27	EEH
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		98.3	70-130					11/20/25 2:27	
Toluene-d8		98.1	70-130					11/20/25 2:27	
4-Bromofluorobenzene		104	70-130					11/20/25 2:27	

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Project Location: 50-45 Barnett Ave., Sunnyside, NY

Sample Description:

Work Order: 25K0794

Date Received: 11/14/2025

Field Sample #: MW-104S

Sampled: 11/12/2025 12:08

Sample ID: 25K0794-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1	V-05	SW-846 8260D	11/18/25	11/19/25 21:48	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	11/18/25	11/19/25 21:48	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
Chloroform	3.1	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	11/18/25	11/19/25 21:48	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
cis-1,2-Dichloroethylene	29	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
trans-1,2-Dichloroethylene	4.4	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
Methyl Acetate	ND	1.0	µg/L	1	V-05	SW-846 8260D	11/18/25	11/19/25 21:48	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH

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Project Location: 50-45 Barnett Ave., Sunnyside, NY

Sample Description:

Work Order: 25K0794

Date Received: 11/14/2025

Field Sample #: MW-104S

Sampled: 11/12/2025 12:08

Sample ID: 25K0794-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
Tetrachloroethylene	64	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
Trichloroethylene	28	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:48	EEH
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		95.4		70-130				11/19/25 21:48	
Toluene-d8		93.4		70-130				11/19/25 21:48	
4-Bromofluorobenzene		106		70-130				11/19/25 21:48	

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Project Location: 50-45 Barnett Ave., Sunnyside, NY

Sample Description:

Work Order: 25K0794

Date Received: 11/14/2025

Field Sample #: MW-5

Sampled: 11/12/2025 12:42

Sample ID: 25K0794-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1	V-05	SW-846 8260D	11/18/25	11/19/25 21:23	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	11/18/25	11/19/25 21:23	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	11/18/25	11/19/25 21:23	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
cis-1,2-Dichloroethylene	1.4	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
Methyl Acetate	ND	1.0	µg/L	1	V-05	SW-846 8260D	11/18/25	11/19/25 21:23	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH

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Project Location: 50-45 Barnett Ave., Sunnyside, NY

Sample Description:

Work Order: 25K0794

Date Received: 11/14/2025

Field Sample #: MW-5

Sampled: 11/12/2025 12:42

Sample ID: 25K0794-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
Tetrachloroethylene	17	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
Trichloroethylene	5.2	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 21:23	EEH
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		96.8	70-130					11/19/25 21:23	
Toluene-d8		92.8	70-130					11/19/25 21:23	
4-Bromofluorobenzene		101	70-130					11/19/25 21:23	

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Project Location: 50-45 Barnett Ave., Sunnyside, NY

Sample Description:

Work Order: 25K0794

Date Received: 11/14/2025

Field Sample #: EQUIPMENT_BLANK

Sampled: 11/12/2025 12:45

Sample ID: 25K0794-07

Sample Matrix: Equipment Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1	V-05	SW-846 8260D	11/18/25	11/19/25 20:07	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	11/18/25	11/19/25 20:07	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	11/18/25	11/19/25 20:07	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
Methyl Acetate	ND	1.0	µg/L	1	V-05	SW-846 8260D	11/18/25	11/19/25 20:07	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH

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Project Location: 50-45 Barnett Ave., Sunnyside, NY

Sample Description:

Work Order: 25K0794

Date Received: 11/14/2025

Field Sample #: EQUIPMENT_BLANK

Sampled: 11/12/2025 12:45

Sample ID: 25K0794-07

Sample Matrix: Equipment Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 20:07	EEH
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		97.0	70-130					11/19/25 20:07	
Toluene-d8		97.4	70-130					11/19/25 20:07	
4-Bromofluorobenzene		106	70-130					11/19/25 20:07	

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Project Location: 50-45 Barnett Ave., Sunnyside, NY

Sample Description:

Work Order: 25K0794

Date Received: 11/14/2025

Field Sample #: TRIP_BLANK

Sampled: 11/12/2025 00:00

Sample ID: 25K0794-08

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1	V-05	SW-846 8260D	11/18/25	11/19/25 19:41	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	11/18/25	11/19/25 19:41	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	11/18/25	11/19/25 19:41	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
Methyl Acetate	ND	1.0	µg/L	1	V-05	SW-846 8260D	11/18/25	11/19/25 19:41	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH

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Project Location: 50-45 Barnett Ave., Sunnyside, NY

Sample Description:

Work Order: 25K0794

Date Received: 11/14/2025

Field Sample #: TRIP_BLANK

Sampled: 11/12/2025 00:00

Sample ID: 25K0794-08

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	11/18/25	11/19/25 19:41	EEH
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		99.9	70-130					11/19/25 19:41	
Toluene-d8		94.7	70-130					11/19/25 19:41	
4-Bromofluorobenzene		102	70-130					11/19/25 19:41	

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

Project Location: 50-45 Barnett Ave., Sunnyside, NY

Sample Description:

Work Order: 25K0794

Date Received: 11/14/2025

Field Sample #: WASTE_CHARACTER

Sampled: 11/12/2025 13:00

Sample ID: 25K0794-09

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	100	µg/L	2	V-05	SW-846 8260D	11/18/25	11/20/25 2:52	EEH
Benzene	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
Bromochloromethane	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
Bromodichloromethane	ND	1.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
Bromoform	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
Bromomethane	ND	4.0	µg/L	2	V-05	SW-846 8260D	11/18/25	11/20/25 2:52	EEH
2-Butanone (MEK)	ND	40	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
n-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
sec-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
tert-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
Carbon Disulfide	ND	10	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
Carbon Tetrachloride	ND	10	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
Chlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
Chlorodibromomethane	ND	1.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
Chloroethane	ND	4.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
Chloroform	ND	4.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
Chloromethane	ND	4.0	µg/L	2	V-05	SW-846 8260D	11/18/25	11/20/25 2:52	EEH
Cyclohexane	ND	10	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
1,2-Dibromoethane (EDB)	ND	1.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
1,2-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
1,3-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
1,4-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
Dichlorodifluoromethane (Freon 12)	ND	4.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
1,1-Dichloroethane	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
1,2-Dichloroethane	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
1,1-Dichloroethylene	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
cis-1,2-Dichloroethylene	26	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
trans-1,2-Dichloroethylene	2.5	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
1,2-Dichloropropane	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
cis-1,3-Dichloropropene	ND	1.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
trans-1,3-Dichloropropene	ND	1.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
Ethylbenzene	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
2-Hexanone (MBK)	ND	20	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
Isopropylbenzene (Cumene)	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
p-Isopropyltoluene (p-Cymene)	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
Methyl Acetate	ND	2.0	µg/L	2	V-05	SW-846 8260D	11/18/25	11/20/25 2:52	EEH
Methyl tert-Butyl Ether (MTBE)	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
Methyl Cyclohexane	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
Methylene Chloride	ND	10	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
4-Methyl-2-pentanone (MIBK)	ND	20	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
Naphthalene	ND	4.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
n-Propylbenzene	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
Styrene	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH

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

Project Location: 50-45 Barnett Ave., Sunnyside, NY

Sample Description:

Work Order: 25K0794

Date Received: 11/14/2025

Field Sample #: WASTE_CHARACTER

Sampled: 11/12/2025 13:00

Sample ID: 25K0794-09

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	1.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
Tetrachloroethylene	140	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
Toluene	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
1,2,3-Trichlorobenzene	ND	10	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
1,2,4-Trichlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
1,1,1-Trichloroethane	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
1,1,2-Trichloroethane	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
Trichloroethylene	24	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
Trichlorofluoromethane (Freon 11)	ND	4.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
1,2,3-Trichloropropane	ND	4.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
1,2,4-Trimethylbenzene	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
1,3,5-Trimethylbenzene	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
Vinyl Chloride	ND	4.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
m+p Xylene	ND	4.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
o-Xylene	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
Xylenes (total)	ND	2.0	µg/L	2		SW-846 8260D	11/18/25	11/20/25 2:52	EEH
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		96.8	70-130				11/20/25	2:52	
Toluene-d8		97.9	70-130				11/20/25	2:52	
4-Bromofluorobenzene		105	70-130				11/20/25	2:52	

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Project Location: 50-45 Barnett Ave., Sunnyside, NY

Sample Description:

Work Order: 25K0794

Date Received: 11/14/2025

Field Sample #: MW-X

Sampled: 11/12/2025 00:00

Sample ID: 25K0794-10

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	2000	µg/L	40	V-05	SW-846 8260D	11/18/25	11/20/25 3:18	EEH
Benzene	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
Bromochloromethane	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
Bromodichloromethane	ND	20	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
Bromoform	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
Bromomethane	ND	80	µg/L	40	V-05	SW-846 8260D	11/18/25	11/20/25 3:18	EEH
2-Butanone (MEK)	ND	800	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
n-Butylbenzene	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
sec-Butylbenzene	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
tert-Butylbenzene	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
Carbon Disulfide	ND	200	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
Carbon Tetrachloride	ND	200	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
Chlorobenzene	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
Chlorodibromomethane	ND	20	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
Chloroethane	ND	80	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
Chloroform	ND	80	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
Chloromethane	ND	80	µg/L	40	V-05	SW-846 8260D	11/18/25	11/20/25 3:18	EEH
Cyclohexane	ND	200	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	200	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
1,2-Dibromoethane (EDB)	ND	20	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
1,2-Dichlorobenzene	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
1,3-Dichlorobenzene	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
1,4-Dichlorobenzene	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
Dichlorodifluoromethane (Freon 12)	ND	80	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
1,1-Dichloroethane	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
1,2-Dichloroethane	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
1,1-Dichloroethylene	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
cis-1,2-Dichloroethylene	100	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
trans-1,2-Dichloroethylene	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
1,2-Dichloropropane	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
cis-1,3-Dichloropropene	ND	20	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
trans-1,3-Dichloropropene	ND	20	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
Ethylbenzene	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
2-Hexanone (MBK)	ND	400	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
Isopropylbenzene (Cumene)	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
p-Isopropyltoluene (p-Cymene)	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
Methyl Acetate	ND	40	µg/L	40	V-05	SW-846 8260D	11/18/25	11/20/25 3:18	EEH
Methyl tert-Butyl Ether (MTBE)	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
Methyl Cyclohexane	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
Methylene Chloride	ND	200	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
4-Methyl-2-pentanone (MIBK)	ND	400	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
Naphthalene	ND	80	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
n-Propylbenzene	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
Styrene	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH

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

Project Location: 50-45 Barnett Ave., Sunnyside, NY

Sample Description:

Work Order: 25K0794

Date Received: 11/14/2025

Field Sample #: MW-X

Sampled: 11/12/2025 00:00

Sample ID: 25K0794-10

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	20	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
Tetrachloroethylene	3200	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
Toluene	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
1,2,3-Trichlorobenzene	ND	200	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
1,2,4-Trichlorobenzene	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
1,1,1-Trichloroethane	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
1,1,2-Trichloroethane	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
Trichloroethylene	400	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
Trichlorofluoromethane (Freon 11)	ND	80	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
1,2,3-Trichloropropane	ND	80	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
1,2,4-Trimethylbenzene	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
1,3,5-Trimethylbenzene	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
Vinyl Chloride	ND	80	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
m+p Xylene	ND	80	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
o-Xylene	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
Xylenes (total)	ND	40	µg/L	40		SW-846 8260D	11/18/25	11/20/25 3:18	EEH
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		97.3	70-130				11/20/25	3:18	
Toluene-d8		93.7	70-130				11/20/25	3:18	
4-Bromofluorobenzene		106	70-130				11/20/25	3:18	

Sample Extraction Data

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
25K0794-01 [MW-6]	B417679	0.125	5.00	11/18/25
25K0794-02 [MW-107D]	B417679	5	5.00	11/18/25
25K0794-03 [MW-103S]	B417679	5	5.00	11/18/25
25K0794-04 [MW-104D]	B417679	2.5	5.00	11/18/25
25K0794-05 [MW-104S]	B417679	5	5.00	11/18/25
25K0794-06 [MW-5]	B417679	5	5.00	11/18/25
25K0794-07 [EQUIPMENT_BLANK]	B417679	5	5.00	11/18/25
25K0794-08 [TRIP_BLANK]	B417679	5	5.00	11/18/25
25K0794-09 [WASTE_CHARECTER]	B417679	2.5	5.00	11/18/25
25K0794-10 [MW-X]	B417679	0.125	5.00	11/18/25

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 B417679 - SW-846 5030B										
Blank (B417679-BLK1)										
					Prepared: 11/18/25 Analyzed: 11/19/25					
Acetone	ND	50	µg/L							V-05
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							V-05
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							V-05
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
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Batch B417679 - SW-846 5030B

Blank (B417679-BLK1)

Prepared: 11/18/25 Analyzed: 11/19/25

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	23.9		µg/L	25.00		95.6	70-130			
Surrogate: Toluene-d8	23.9		µg/L	25.00		95.5	70-130			
Surrogate: 4-Bromofluorobenzene	26.7		µg/L	25.00		107	70-130			

LCS (B417679-BS1)

Prepared: 11/18/25 Analyzed: 11/19/25

Acetone	78.4	50	µg/L	100.0		78.4	70-160			V-05 †
Benzene	9.53	1.0	µg/L	10.00		95.3	70-130			
Bromochloromethane	8.96	1.0	µg/L	10.00		89.6	70-130			
Bromodichloromethane	11.1	0.50	µg/L	10.00		111	70-130			
Bromoform	12.4	1.0	µg/L	10.00		124	70-130			
Bromomethane	7.93	2.0	µg/L	10.00		79.3	40-160			V-05 †
2-Butanone (MEK)	87.0	20	µg/L	100.0		87.0	40-160			†
n-Butylbenzene	11.1	1.0	µg/L	10.00		111	70-130			
sec-Butylbenzene	10.8	1.0	µg/L	10.00		108	70-130			
tert-Butylbenzene	10.5	1.0	µg/L	10.00		105	70-130			
Carbon Disulfide	94.0	5.0	µg/L	100.0		94.0	70-130			
Carbon Tetrachloride	11.2	5.0	µg/L	10.00		112	70-130			
Chlorobenzene	11.7	1.0	µg/L	10.00		117	70-130			
Chlorodibromomethane	11.6	0.50	µg/L	10.00		116	70-130			
Chloroethane	7.66	2.0	µg/L	10.00		76.6	70-130			
Chloroform	10.6	2.0	µg/L	10.00		106	70-130			
Chloromethane	8.05	2.0	µg/L	10.00		80.5	40-160			V-05 †
Cyclohexane	8.47	5.0	µg/L	10.00		84.7	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	12.4	5.0	µg/L	10.00		124	70-130			
1,2-Dibromoethane (EDB)	11.4	0.50	µg/L	10.00		114	70-130			
1,2-Dichlorobenzene	11.0	1.0	µg/L	10.00		110	70-130			
1,3-Dichlorobenzene	11.0	1.0	µg/L	10.00		110	70-130			
1,4-Dichlorobenzene	10.4	1.0	µg/L	10.00		104	70-130			
Dichlorodifluoromethane (Freon 12)	12.1	2.0	µg/L	10.00		121	40-160			†
1,1-Dichloroethane	9.43	1.0	µg/L	10.00		94.3	70-130			
1,2-Dichloroethane	10.1	1.0	µg/L	10.00		101	70-130			
1,1-Dichloroethylene	8.68	1.0	µg/L	10.00		86.8	70-130			
cis-1,2-Dichloroethylene	9.17	1.0	µg/L	10.00		91.7	70-130			
trans-1,2-Dichloroethylene	9.34	1.0	µg/L	10.00		93.4	70-130			
1,2-Dichloropropane	9.34	1.0	µg/L	10.00		93.4	70-130			
cis-1,3-Dichloropropene	10.5	0.50	µg/L	10.00		105	70-130			
trans-1,3-Dichloropropene	11.3	0.50	µg/L	10.00		113	70-130			
Ethylbenzene	11.8	1.0	µg/L	10.00		118	70-130			
2-Hexanone (MBK)	105	10	µg/L	100.0		105	70-160			†
Isopropylbenzene (Cumene)	11.5	1.0	µg/L	10.00		115	70-130			
p-Isopropyltoluene (p-Cymene)	9.87	1.0	µg/L	10.00		98.7	70-130			
Methyl Acetate	7.91	1.0	µg/L	10.00		79.1	70-130			V-05
Methyl tert-Butyl Ether (MTBE)	10.0	1.0	µg/L	10.00		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
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Batch B417679 - SW-846 5030B

LCS (B417679-BS1)

Prepared: 11/18/25 Analyzed: 11/19/25

Methyl Cyclohexane	10.1	1.0	µg/L	10.00		101	70-130			
Methylene Chloride	8.87	5.0	µg/L	10.00		88.7	70-130			
4-Methyl-2-pentanone (MIBK)	104	10	µg/L	100.0		104	70-160			†
Naphthalene	9.89	2.0	µg/L	10.00		98.9	40-130			†
n-Propylbenzene	11.7	1.0	µg/L	10.00		117	70-130			
Styrene	10.8	1.0	µg/L	10.00		108	70-130			
1,1,2,2-Tetrachloroethane	11.2	0.50	µg/L	10.00		112	70-130			
Tetrachloroethylene	11.4	1.0	µg/L	10.00		114	70-130			
Toluene	10.6	1.0	µg/L	10.00		106	70-130			
1,2,3-Trichlorobenzene	9.75	5.0	µg/L	10.00		97.5	70-130			
1,2,4-Trichlorobenzene	9.99	1.0	µg/L	10.00		99.9	70-130			
1,1,1-Trichloroethane	10.9	1.0	µg/L	10.00		109	70-130			
1,1,2-Trichloroethane	11.2	1.0	µg/L	10.00		112	70-130			
Trichloroethylene	11.2	1.0	µg/L	10.00		112	70-130			
Trichlorofluoromethane (Freon 11)	11.6	2.0	µg/L	10.00		116	70-130			
1,2,3-Trichloropropane	12.6	2.0	µg/L	10.00		126	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2	1.0	µg/L	10.00		102	70-130			
1,2,4-Trimethylbenzene	10.4	1.0	µg/L	10.00		104	70-130			
1,3,5-Trimethylbenzene	11.5	1.0	µg/L	10.00		115	70-130			
Vinyl Chloride	8.39	2.0	µg/L	10.00		83.9	40-160			†
m+p Xylene	24.5	2.0	µg/L	20.00		123	70-130			
o-Xylene	12.2	1.0	µg/L	10.00		122	70-130			
Xylenes (total)	36.7	1.0	µg/L	30.00		122	0-200			
Surrogate: 1,2-Dichloroethane-d4	24.3		µg/L	25.00		97.1	70-130			
Surrogate: Toluene-d8	23.4		µg/L	25.00		93.4	70-130			
Surrogate: 4-Bromofluorobenzene	26.9		µg/L	25.00		107	70-130			

LCS Dup (B417679-BS1)

Prepared: 11/18/25 Analyzed: 11/19/25

Acetone	70.1	50	µg/L	100.0		70.1	70-160	11.2	25	V-05	†
Benzene	9.50	1.0	µg/L	10.00		95.0	70-130	0.315	25		
Bromochloromethane	8.79	1.0	µg/L	10.00		87.9	70-130	1.92	25		
Bromodichloromethane	10.9	0.50	µg/L	10.00		109	70-130	1.90	25		
Bromoform	11.0	1.0	µg/L	10.00		110	70-130	11.2	25		
Bromomethane	7.56	2.0	µg/L	10.00		75.6	40-160	4.78	25	V-05	†
2-Butanone (MEK)	81.6	20	µg/L	100.0		81.6	40-160	6.35	25		†
n-Butylbenzene	10.8	1.0	µg/L	10.00		108	70-130	2.92	25		
sec-Butylbenzene	10.7	1.0	µg/L	10.00		107	70-130	0.466	25		
tert-Butylbenzene	10.7	1.0	µg/L	10.00		107	70-130	1.51	25		
Carbon Disulfide	92.7	5.0	µg/L	100.0		92.7	70-130	1.39	25		
Carbon Tetrachloride	11.4	5.0	µg/L	10.00		114	70-130	2.30	25		
Chlorobenzene	11.3	1.0	µg/L	10.00		113	70-130	3.49	25		
Chlorodibromomethane	11.0	0.50	µg/L	10.00		110	70-130	5.24	25		
Chloroethane	8.09	2.0	µg/L	10.00		80.9	70-130	5.46	25		
Chloroform	10.5	2.0	µg/L	10.00		105	70-130	0.379	25		
Chloromethane	8.22	2.0	µg/L	10.00		82.2	40-160	2.09	25	V-05	†
Cyclohexane	7.94	5.0	µg/L	10.00		79.4	70-130	6.46	25		
1,2-Dibromo-3-chloropropane (DBCP)	10.4	5.0	µg/L	10.00		104	70-130	17.7	25		
1,2-Dibromoethane (EDB)	10.6	0.50	µg/L	10.00		106	70-130	7.52	25		
1,2-Dichlorobenzene	10.8	1.0	µg/L	10.00		108	70-130	1.10	25		
1,3-Dichlorobenzene	10.7	1.0	µg/L	10.00		107	70-130	3.13	25		
1,4-Dichlorobenzene	10.6	1.0	µg/L	10.00		106	70-130	1.71	25		
Dichlorodifluoromethane (Freon 12)	12.0	2.0	µg/L	10.00		120	40-160	1.16	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 B417679 - SW-846 5030B										
LCS Dup (B417679-BSD1)										
					Prepared: 11/18/25 Analyzed: 11/19/25					
1,1-Dichloroethane	9.07	1.0	µg/L	10.00		90.7	70-130	3.89	25	
1,2-Dichloroethane	9.35	1.0	µg/L	10.00		93.5	70-130	7.81	25	
1,1-Dichloroethylene	9.08	1.0	µg/L	10.00		90.8	70-130	4.50	25	
cis-1,2-Dichloroethylene	9.18	1.0	µg/L	10.00		91.8	70-130	0.109	25	
trans-1,2-Dichloroethylene	9.15	1.0	µg/L	10.00		91.5	70-130	2.06	25	
1,2-Dichloropropane	8.64	1.0	µg/L	10.00		86.4	70-130	7.79	25	
cis-1,3-Dichloropropene	10.3	0.50	µg/L	10.00		103	70-130	1.54	25	
trans-1,3-Dichloropropene	10.6	0.50	µg/L	10.00		106	70-130	6.31	25	
Ethylbenzene	11.5	1.0	µg/L	10.00		115	70-130	2.40	25	
2-Hexanone (MBK)	90.9	10	µg/L	100.0		90.9	70-160	14.7	25	†
Isopropylbenzene (Cumene)	11.0	1.0	µg/L	10.00		110	70-130	4.62	25	
p-Isopropyltoluene (p-Cymene)	9.96	1.0	µg/L	10.00		99.6	70-130	0.908	25	
Methyl Acetate	7.06	1.0	µg/L	10.00		70.6	70-130	11.4	25	V-05
Methyl tert-Butyl Ether (MTBE)	9.82	1.0	µg/L	10.00		98.2	70-130	2.32	25	
Methyl Cyclohexane	9.92	1.0	µg/L	10.00		99.2	70-130	1.60	25	
Methylene Chloride	8.50	5.0	µg/L	10.00		85.0	70-130	4.26	25	
4-Methyl-2-pentanone (MIBK)	93.5	10	µg/L	100.0		93.5	70-160	10.2	25	†
Naphthalene	8.94	2.0	µg/L	10.00		89.4	40-130	10.1	25	†
n-Propylbenzene	11.1	1.0	µg/L	10.00		111	70-130	5.79	25	
Styrene	10.4	1.0	µg/L	10.00		104	70-130	3.77	25	
1,1,2,2-Tetrachloroethane	10.5	0.50	µg/L	10.00		105	70-130	6.46	25	
Tetrachloroethylene	11.1	1.0	µg/L	10.00		111	70-130	2.58	25	
Toluene	10.4	1.0	µg/L	10.00		104	70-130	1.24	25	
1,2,3-Trichlorobenzene	9.24	5.0	µg/L	10.00		92.4	70-130	5.37	25	
1,2,4-Trichlorobenzene	9.96	1.0	µg/L	10.00		99.6	70-130	0.301	25	
1,1,1-Trichloroethane	11.1	1.0	µg/L	10.00		111	70-130	2.55	25	
1,1,2-Trichloroethane	10.4	1.0	µg/L	10.00		104	70-130	6.95	25	
Trichloroethylene	11.1	1.0	µg/L	10.00		111	70-130	0.539	25	
Trichlorofluoromethane (Freon 11)	11.8	2.0	µg/L	10.00		118	70-130	1.96	25	
1,2,3-Trichloropropane	11.2	2.0	µg/L	10.00		112	70-130	11.5	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4	1.0	µg/L	10.00		104	70-130	2.04	25	
1,2,4-Trimethylbenzene	10.4	1.0	µg/L	10.00		104	70-130	0.578	25	
1,3,5-Trimethylbenzene	11.0	1.0	µg/L	10.00		110	70-130	4.55	25	
Vinyl Chloride	8.65	2.0	µg/L	10.00		86.5	40-160	3.05	25	†
m+p Xylene	24.0	2.0	µg/L	20.00		120	70-130	2.39	25	
o-Xylene	11.9	1.0	µg/L	10.00		119	70-130	2.66	25	
Xylenes (total)	35.8	1.0	µg/L	30.00		119	0-200	2.48		
Surrogate: 1,2-Dichloroethane-d4	24.0		µg/L	25.00		95.8	70-130			
Surrogate: Toluene-d8	23.8		µg/L	25.00		95.4	70-130			
Surrogate: 4-Bromofluorobenzene	26.6		µg/L	25.00		107	70-130			

Matrix Spike (B417679-MS1)										
Source: 25K0794-01				Prepared: 11/18/25 Analyzed: 11/20/25						
Acetone	2560	2000	µg/L	4000	ND	63.9 *	70-130			MS-09, V-05
Benzene	376	40	µg/L	400.0	ND	94.0	70-130			
Bromochloromethane	345	40	µg/L	400.0	ND	86.2	70-130			
Bromodichloromethane	438	20	µg/L	400.0	ND	110	70-130			
Bromoform	426	40	µg/L	400.0	ND	107	70-130			
Bromomethane	377	80	µg/L	400.0	ND	94.3	70-130			V-05
2-Butanone (MEK)	2910	800	µg/L	4000	ND	72.6	70-130			
n-Butylbenzene	398	40	µg/L	400.0	ND	99.5	70-130			
sec-Butylbenzene	405	40	µg/L	400.0	ND	101	70-130			
tert-Butylbenzene	409	40	µg/L	400.0	ND	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 B417679 - SW-846 5030B										
Matrix Spike (B417679-MS1)	Source: 25K0794-01			Prepared: 11/18/25 Analyzed: 11/20/25						
Carbon Disulfide	3670	200	µg/L	4000	ND	91.8	70-130			
Carbon Tetrachloride	457	200	µg/L	400.0	ND	114	70-130			
Chlorobenzene	444	40	µg/L	400.0	ND	111	70-130			
Chlorodibromomethane	431	20	µg/L	400.0	ND	108	70-130			
Chloroethane	318	80	µg/L	400.0	ND	79.6	70-130			
Chloroform	416	80	µg/L	400.0	ND	104	70-130			
Chloromethane	338	80	µg/L	400.0	ND	84.6	70-130			V-05
Cyclohexane	332	200	µg/L	400.0	ND	83.0	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	375	200	µg/L	400.0	ND	93.8	70-130			
1,2-Dibromoethane (EDB)	423	20	µg/L	400.0	ND	106	70-130			
1,2-Dichlorobenzene	412	40	µg/L	400.0	ND	103	70-130			
1,3-Dichlorobenzene	391	40	µg/L	400.0	ND	97.8	70-130			
1,4-Dichlorobenzene	408	40	µg/L	400.0	ND	102	70-130			
Dichlorodifluoromethane (Freon 12)	460	80	µg/L	400.0	ND	115	70-130			
1,1-Dichloroethane	375	40	µg/L	400.0	ND	93.7	70-130			
1,2-Dichloroethane	392	40	µg/L	400.0	ND	98.1	70-130			
1,1-Dichloroethylene	340	40	µg/L	400.0	ND	84.9	70-130			
cis-1,2-Dichloroethylene	467	40	µg/L	400.0	118	87.3	70-130			
trans-1,2-Dichloroethylene	362	40	µg/L	400.0	ND	90.6	70-130			
1,2-Dichloropropane	366	40	µg/L	400.0	ND	91.6	70-130			
cis-1,3-Dichloropropene	380	20	µg/L	400.0	ND	95.1	70-130			
trans-1,3-Dichloropropene	404	20	µg/L	400.0	ND	101	70-130			
Ethylbenzene	452	40	µg/L	400.0	ND	113	70-130			
2-Hexanone (MBK)	3770	400	µg/L	4000	ND	94.2	70-130			
Isopropylbenzene (Cumene)	444	40	µg/L	400.0	ND	111	70-130			
p-Isopropyltoluene (p-Cymene)	371	40	µg/L	400.0	ND	92.8	70-130			
Methyl Acetate	270	40	µg/L	400.0	ND	67.4	* 70-130			MS-09, V-05
Methyl tert-Butyl Ether (MTBE)	372	40	µg/L	400.0	ND	93.1	70-130			
Methyl Cyclohexane	382	40	µg/L	400.0	ND	95.6	70-130			
Methylene Chloride	332	200	µg/L	400.0	ND	83.0	70-130			
4-Methyl-2-pentanone (MIBK)	3880	400	µg/L	4000	ND	97.1	70-130			
Naphthalene	347	80	µg/L	400.0	ND	86.8	70-130			
n-Propylbenzene	452	40	µg/L	400.0	ND	113	70-130			
Styrene	406	40	µg/L	400.0	ND	102	70-130			
1,1,1,2-Tetrachloroethane	424	20	µg/L	400.0	ND	106	70-130			
Tetrachloroethylene	4040	40	µg/L	400.0	3460	145	* 70-130			MS-19
Toluene	432	40	µg/L	400.0	ND	108	70-130			
1,2,3-Trichlorobenzene	368	200	µg/L	400.0	ND	91.9	70-130			
1,2,4-Trichlorobenzene	364	40	µg/L	400.0	ND	91.0	70-130			
1,1,1-Trichloroethane	456	40	µg/L	400.0	ND	114	70-130			
1,1,2-Trichloroethane	408	40	µg/L	400.0	ND	102	70-130			
Trichloroethylene	894	40	µg/L	400.0	448	112	70-130			
Trichlorofluoromethane (Freon 11)	462	80	µg/L	400.0	ND	115	70-130			
1,2,3-Trichloropropane	449	80	µg/L	400.0	ND	112	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	396	40	µg/L	400.0	ND	99.0	70-130			
1,2,4-Trimethylbenzene	390	40	µg/L	400.0	ND	97.6	70-130			
1,3,5-Trimethylbenzene	444	40	µg/L	400.0	ND	111	70-130			
Vinyl Chloride	346	80	µg/L	400.0	ND	86.5	70-130			
m+p Xylene	902	80	µg/L	800.0	ND	113	70-130			
o-Xylene	473	40	µg/L	400.0	ND	118	70-130			
Xylenes (total)	1380	40	µg/L	1200	ND	115	0-200			

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 B417679 - SW-846 5030B										
Matrix Spike (B417679-MS1) Source: 25K0794-01 Prepared: 11/18/25 Analyzed: 11/20/25										
Surrogate: 1,2-Dichloroethane-d4	24.8		µg/L	25.00		99.0	70-130			
Surrogate: Toluene-d8	24.3		µg/L	25.00		97.4	70-130			
Surrogate: 4-Bromofluorobenzene	26.7		µg/L	25.00		107	70-130			
Matrix Spike Dup (B417679-MSD1) Source: 25K0794-01 Prepared: 11/18/25 Analyzed: 11/20/25										
Acetone	2490	2000	µg/L	4000	ND	62.3 *	70-130	2.63	30	MS-09, V-05
Benzene	360	40	µg/L	400.0	ND	90.1	70-130	4.24	30	
Bromochloromethane	360	40	µg/L	400.0	ND	90.0	70-130	4.31	30	
Bromodichloromethane	457	20	µg/L	400.0	ND	114	70-130	4.11	30	
Bromoform	416	40	µg/L	400.0	ND	104	70-130	2.37	30	
Bromomethane	326	80	µg/L	400.0	ND	81.5	70-130	14.6	30	V-05
2-Butanone (MEK)	3080	800	µg/L	4000	ND	76.9	70-130	5.66	30	
n-Butylbenzene	430	40	µg/L	400.0	ND	108	70-130	7.82	30	
sec-Butylbenzene	424	40	µg/L	400.0	ND	106	70-130	4.63	30	
tert-Butylbenzene	424	40	µg/L	400.0	ND	106	70-130	3.46	30	
Carbon Disulfide	3730	200	µg/L	4000	ND	93.3	70-130	1.60	30	
Carbon Tetrachloride	465	200	µg/L	400.0	ND	116	70-130	1.82	30	
Chlorobenzene	470	40	µg/L	400.0	ND	118	70-130	5.68	30	
Chlorodibromomethane	429	20	µg/L	400.0	ND	107	70-130	0.465	30	
Chloroethane	330	80	µg/L	400.0	ND	82.4	70-130	3.46	30	
Chloroform	428	80	µg/L	400.0	ND	107	70-130	2.94	30	
Chloromethane	342	80	µg/L	400.0	ND	85.4	70-130	0.941	30	V-05
Cyclohexane	318	200	µg/L	400.0	ND	79.4	70-130	4.43	30	
1,2-Dibromo-3-chloropropane (DBCP)	398	200	µg/L	400.0	ND	99.6	70-130	6.00	30	
1,2-Dibromoethane (EDB)	420	20	µg/L	400.0	ND	105	70-130	0.664	30	
1,2-Dichlorobenzene	423	40	µg/L	400.0	ND	106	70-130	2.68	30	
1,3-Dichlorobenzene	422	40	µg/L	400.0	ND	106	70-130	7.58	30	
1,4-Dichlorobenzene	426	40	µg/L	400.0	ND	106	70-130	4.41	30	
Dichlorodifluoromethane (Freon 12)	461	80	µg/L	400.0	ND	115	70-130	0.261	30	
1,1-Dichloroethane	367	40	µg/L	400.0	ND	91.7	70-130	2.16	30	
1,2-Dichloroethane	396	40	µg/L	400.0	ND	99.1	70-130	1.01	30	
1,1-Dichloroethylene	359	40	µg/L	400.0	ND	89.7	70-130	5.50	30	
cis-1,2-Dichloroethylene	465	40	µg/L	400.0	118	86.8	70-130	0.429	30	
trans-1,2-Dichloroethylene	364	40	µg/L	400.0	ND	90.9	70-130	0.331	30	
1,2-Dichloropropane	370	40	µg/L	400.0	ND	92.6	70-130	1.09	30	
cis-1,3-Dichloropropene	403	20	µg/L	400.0	ND	101	70-130	5.72	30	
trans-1,3-Dichloropropene	386	20	µg/L	400.0	ND	96.6	70-130	4.35	30	
Ethylbenzene	474	40	µg/L	400.0	ND	118	70-130	4.75	30	
2-Hexanone (MBK)	3450	400	µg/L	4000	ND	86.4	70-130	8.67	30	
Isopropylbenzene (Cumene)	476	40	µg/L	400.0	ND	119	70-130	6.78	30	
p-Isopropyltoluene (p-Cymene)	402	40	µg/L	400.0	ND	101	70-130	8.07	30	
Methyl Acetate	251	40	µg/L	400.0	ND	62.8 *	70-130	7.07	30	MS-09, V-05
Methyl tert-Butyl Ether (MTBE)	373	40	µg/L	400.0	ND	93.2	70-130	0.107	30	
Methyl Cyclohexane	380	40	µg/L	400.0	ND	94.9	70-130	0.735	30	
Methylene Chloride	329	200	µg/L	400.0	ND	82.2	70-130	0.969	30	
4-Methyl-2-pentanone (MIBK)	3480	400	µg/L	4000	ND	87.0	70-130	10.9	30	
Naphthalene	333	80	µg/L	400.0	ND	83.2	70-130	4.24	30	
n-Propylbenzene	456	40	µg/L	400.0	ND	114	70-130	1.06	30	
Styrene	425	40	µg/L	400.0	ND	106	70-130	4.43	30	
1,1,2,2-Tetrachloroethane	384	20	µg/L	400.0	ND	96.1	70-130	9.89	30	
Tetrachloroethylene	4050	40	µg/L	400.0	3460	148 *	70-130	0.267	30	MS-19
Toluene	428	40	µg/L	400.0	ND	107	70-130	0.929	30	

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 B417679 - SW-846 5030B										
Matrix Spike Dup (B417679-MSD1)										
		Source: 25K0794-01			Prepared: 11/18/25 Analyzed: 11/20/25					
1,2,3-Trichlorobenzene	354	200	µg/L	400.0	ND	88.4	70-130	3.88	30	
1,2,4-Trichlorobenzene	371	40	µg/L	400.0	ND	92.8	70-130	1.96	30	
1,1,1-Trichloroethane	462	40	µg/L	400.0	ND	116	70-130	1.39	30	
1,1,2-Trichloroethane	430	40	µg/L	400.0	ND	108	70-130	5.15	30	
Trichloroethylene	879	40	µg/L	400.0	448	108	70-130	1.67	30	
Trichlorofluoromethane (Freon 11)	468	80	µg/L	400.0	ND	117	70-130	1.46	30	
1,2,3-Trichloropropane	437	80	µg/L	400.0	ND	109	70-130	2.62	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	396	40	µg/L	400.0	ND	99.0	70-130	0.00	30	
1,2,4-Trimethylbenzene	400	40	µg/L	400.0	ND	99.9	70-130	2.33	30	
1,3,5-Trimethylbenzene	447	40	µg/L	400.0	ND	112	70-130	0.539	30	
Vinyl Chloride	343	80	µg/L	400.0	ND	85.7	70-130	0.929	30	
m+p Xylene	952	80	µg/L	800.0	ND	119	70-130	5.35	20	
o-Xylene	471	40	µg/L	400.0	ND	118	70-130	0.508	30	
Xylenes (total)	1420	40	µg/L	1200	ND	119	0-200	3.37		
Surrogate: 1,2-Dichloroethane-d4	24.1		µg/L	25.00		96.3	70-130			
Surrogate: Toluene-d8	24.2		µg/L	25.00		96.9	70-130			
Surrogate: 4-Bromofluorobenzene	27.0		µg/L	25.00		108	70-130			

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.
MS-09	Matrix spike recovery and/or matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
MS-19	Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.
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.

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260D in Water</i>	
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
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

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260D in Water</i>	
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

25K0794

Doc # 380 Rev 1_03242017

https://www.pacelabs.com/

CHAIN OF CUSTODY RECORD (New York)

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



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

Company Name: NYSDEC/LaBella
Address: 225 Atlantic Ave., Patchogue, NY (631) 447-6400
Project Name: Former Cleaners Products Supply
Project Location: 50-45 Barnett Ave., Sunnyside, NY
Project Number: NYSDEC Site #241123
Project Manager: DEC: Kyle Forster, LaBella: Steve Goetz
Pace Analytical Quote Name/Number
Invoice Recipient: NYSDEC
Sampled By: LaBella

Requested Turnaround Time
 7-Day 10-Day
 Due Date: NYSDEC Standard TAT
Rush-Approval Required
 1-Day 3-Day
 2-Day 4-Day
Data Delivery
 Format: PDF EXCEL
 Other:
 CLP Like Data Pkg Required:
 Email To:
 Fax To #:

of Containers
 2 Preservation Code
 3 Container Code
Dissolved Metals Samples
 Field Filtered
 Lab to Filter
Orthophosphate Samples
 Field Filtered
 Lab to Filter

Pace Analytical Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	Matrix Code	Conc Code
	MW-6	11/12/25 8:50	9:36	X		BW	U
	MW-107D	10:38	11:40				
	MW-103S	12:08	12:42				
	MW-104D	12:45					
	MW-104S						
	MW-5						
	EQUIPMENT - BLANK						
	TREP - BLANK						
	WASTE - CHARACTERIZED						
	MW-X						

ANALYSIS REQUESTED

EPA Method 8260, DER TCL

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)

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



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

Deliverables
 Enhanced Data Package
 NYSDEC EQUIS EDD
 EQUIS (Standard) EDD
 NY Regulatory EDD
 NY Regs Hits-Only EDD

Project Entity
 Government
 Federal
 City
 Municipality
 21 J
 Brownfield
 MWRA
 School
 MBTA
 WRTA
 AHA-LAP, LLC
 Chromatogram
 AHA-LAP, LLC

Other: NELAC and AHA-LAP, LLC Accredited

Comments: Category A deliverables requested.

Relinquished by: (signature) [Signature] Date/Time: 11/12/25
Received by: (signature) [Signature] Date/Time: 11/12/25
Relinquished by: (signature) [Signature] Date/Time: 11/13/25 08:30
Received by: (signature) [Signature] Date/Time: 11/13/25 8:30
Relinquished by: (signature) [Signature] Date/Time: 11/13/25 11:45
Received by: (signature) [Signature] Date/Time: 11/13/25 22:30

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

Sample ID	Soils				Ambers Glass				Plastics										Viials							Other
	16 (oz)	8 (oz)	4 (oz)	2 (oz)	1L	250mL	100 (mL)	Other	1L	500mL	250mL	80 (mL)	Encore	8oz	Other	Unp.	HCl	MeOH	DI	NaHSO ₄	H ₂ SO ₄	Asc. Acid	20mL			
1	C/A	C/A	C/A	C/A	Unp.	Unp.	H ₂ SO ₄	Unp.	Unp.	H ₂ SO ₄	Unp.	Unp.	5g	Unp.	Bac/Col	Unp.	Unp.	HCl	MeOH	DI	NaHSO ₄	H ₂ SO ₄	Asc. Acid	HCl		
2																		3								
3																		3								
4																		3								
5																		3								
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Appendix C: QA/QC Analytical Results

Former Cleaners Products Supply
 50-45 Barnett Avenue
 Sunnyside, NY
 NYSDEC Site #241123



Environmental
 Assessment &
 Remediations
 A LaBella Company

Groundwater Analytical Results (µg/L)
 Relative Percent Difference, May 2025

Location		Date Collected	Tetrachloroethene	Trichloroethylene	cis-1,2-Dichloroethene
Original Sample	MW-6	05/21/25	7,800	430	110
Blind Duplicate	MW-X	05/21/25	8,400	410	100
Relative Percent Difference			7.4%	4.8%	9.5%

Notes:

Analytes not included above were reported below laboratory reporting limits.

Former Cleaners Products Supply
 50-45 Barnett Avenue
 Sunnyside, NY
 NYSDEC Site #241123



Environmental
 Assessment &
 Remediations
 A LaBella Company

QA/QC Analytical Results (µg/L), May 2025
 Pace Analytical Services

Sample ID	EQUIP BLANK	TRIP_BLANK
Date Collected	05/21/25	05/21/25
Tetrachloroethene	<1	<1
Trichloroethylene	<1	<1
cis-1,2-Dichloroethene	<1	<1
1,1 Dichloroethane	<1	<1
1,1 Dichloroethene	<1	<1
1,1,1 Trichloroethane	<1	<1
1,1,2 Trichloroethane	<1	<1
1,1,1,2,2 Tetrachloroethane	<0.5	<0.5
1,2 Dibromoethane	<0.5	<0.5
1,2 Dichlorobenzene	<1	<1
1,2 Dichloroethane	<1	<1
1,2 Dichloropropane	<1	<1
1,2,3 Trichlorobenzene	<5	<5
1,2,3 Trichloropropane	<2	<2
1,2,4 Trichlorobenzene	<1	<1
1,2,4 Trimethylbenzene	<1	<1
1,3 Dichlorobenzene	<1	<1
1,3,5 Trimethylbenzene	<1	<1
1,4 Dichlorobenzene	<1	<1
2-Hexanone	<10	<10
4-Methyl-2-Pentanone	<10	<10
Acetone	<50	<50
Benzene	<1	<1
Bromochloromethane	<1	<1
Bromodichloromethane	<0.5	<0.5
Bromoform	<1	<1
Bromomethane	<2	<2
c 1,3 Dichloropropene	<0.5	<0.5
Carbon Disulfide	<5	<5
Carbon Tetrachloride	<5	<5
Chlorobenzene	<1	<1
Chloroethane	<2	<2
Chloroform	<2	<2
Chloromethane	<2	<2
Cyclohexane	<5	<5
Cyclohexane, methyl-	<1	<1

Former Cleaners Products Supply
 50-45 Barnett Avenue
 Sunnyside, NY
 NYSDEC Site #241123



Environmental
 Assessment &
 Remediations
 A LaBella Company

QA/QC Analytical Results (µg/L), May 2025
 Pace Analytical Services

Sample ID	EQUIP BLANK	TRIP_BLANK
Date Collected	05/21/25	05/21/25
Dibromochloromethane	<0.5	<0.5
Dibromochloropropane	<5	<5
Dichlorodifluoromethane	<2	<2
Ethylbenzene	<1	<1
Freon 113	<1	<1
Isopropylbenzene	<1	<1
m + p Xylene	<2	<2
Methyl acetate	<1	<1
Methyl Ethyl Ketone	<20	<20
Methylene Chloride	<5	<5
n Butylbenzene	<1	<1
n Propylbenzene	<1	<1
Naphthalene	<2	<2
o-Xylene	<1	<1
p Isopropyltoluene	<1	<1
s Butylbenzene	<1	<1
Styrene	<1	<1
t 1,3 Dichloropropene	<0.5	<0.5
t Butylbenzene	<1	<1
t butylmethylether	<1	<1
Toluene	<1	<1
trans-1,2-Dichloroethene	<1	<1
Trichlorofluoromethane	<2	<2
Vinyl Chloride	<2	<2
Xylenes Total	<1	<1
Total BTEX	<4	<4

Former Cleaners Products Supply
 50-45 Barnett Avenue
 Sunnyside, NY
 NYSDEC Site #241123



Environmental
 Assessment &
 Remediations
 A LaBella Company

Groundwater Analytical Results ($\mu\text{g/L}$)
 Relative Percent Difference, November 2025

Location		Date Collected	Tetrachloroethene	Trichloroethylene	cis-1,2-Dichloroethene
Original Sample	MW-6	11/12/25	3,500	450	120
Blind Duplicate	MW-X	11/12/25	3,200	400	100
Relative Percent Difference			9.0%	11.8%	18.2%

Notes:

Analytes not included above were reported below laboratory reporting limits.

Former Cleaners Products Supply
 50-45 Barnett Avenue
 Sunnyside, NY
 NYSDEC Site #241123



Environmental
 Assessment &
 Remediations
 A LaBella Company

QA/QC Analytical Results (µg/L), November 2025

Pace Analytical Services

Sample ID	EQUIP BLANK	TRIP_BLANK
Date_Collected	11/12/25	11/12/25
Tetrachloroethene	<1	<1
Trichloroethylene	<1	<1
cis-1,2-Dichloroethene	<1	<1
1,1 Dichloroethane	<1	<1
1,1 Dichloroethene	<1	<1
1,1,1 Trichloroethane	<1	<1
1,1,2 Trichloroethane	<1	<1
1,1,2,2 Tetrachloroethane	<0.5	<0.5
1,2 Dibromoethane	<0.5	<0.5
1,2 Dichlorobenzene	<1	<1
1,2 Dichloroethane	<1	<1
1,2 Dichloropropane	<1	<1
1,2,3 Trichlorobenzene	<5	<5
1,2,3 Trichloropropane	<2	<2
1,2,4 Trichlorobenzene	<1	<1
1,2,4 Trimethylbenzene	<1	<1
1,3 Dichlorobenzene	<1	<1
1,3,5 Trimethylbenzene	<1	<1
1,4 Dichlorobenzene	<1	<1
2-Hexanone	<10	<10
4-Methyl-2-Pentanone	<10	<10
Acetone	<50	<50
Benzene	<1	<1
Bromochloromethane	<1	<1
Bromodichloromethane	<0.5	<0.5
Bromoform	<1	<1
Bromomethane	<2	<2
c 1,3 Dichloropropene	<0.5	<0.5
Carbon Disulfide	<5	<5
Carbon Tetrachloride	<5	<5
Chlorobenzene	<1	<1
Chloroethane	<2	<2
Chloroform	<2	<2
Chloromethane	<2	<2
Cyclohexane	<5	<5
Cyclohexane, methyl-	<1	<1
Dibromochloromethane	<0.5	<0.5
Dibromochloropropane	<5	<5
Dichlorodifluoromethane	<2	<2
Ethylbenzene	<1	<1
Freon 113	<1	<1

Former Cleaners Products Supply
 50-45 Barnett Avenue
 Sunnyside, NY
 NYSDEC Site #241123



Environmental
 Assessment &
 Remediations
 A LaBella Company

QA/QC Analytical Results (µg/L), November 2025

Pace Analytical Services

Sample ID	EQUIP BLANK	TRIP_BLANK
Date_Collected	11/12/25	11/12/25
Isopropylbenzene	<1	<1
m + p Xylene	<2	<2
Methyl acetate	<1	<1
Methyl Ethyl Ketone	<20	<20
Methylene Chloride	<5	<5
n Butylbenzene	<1	<1
n Propylbenzene	<1	<1
Naphthalene	<2	<2
o-Xylene	<1	<1
p Isopropyltoluene	<1	<1
s Butylbenzene	<1	<1
Styrene	<1	<1
t 1,3 Dichloropropene	<0.5	<0.5
t Butylbenzene	<1	<1
t butylmethylether	<1	<1
Toluene	<1	<1
trans-1,2-Dichloroethene	<1	<1
Trichlorofluoromethane	<2	<2
Vinyl Chloride	<2	<2
Xylenes Total	<1	<1
Total BTEX	<4	<4