



To: File

From: Sankavi Sampath, Project Manager

Date: July 14, 2026

Subject: **Annual Groundwater Monitoring, June 2026**

Site Name: Farmingdale Plaza Cleaners **Site Code:** 130107
Address: 450 Main Street, Farmingdale, NY 11735
City: Oyster Bay **County:** Nassau

Background

The Farmingdale Plaza Cleaners site is located in Oyster Bay, Nassau County; see Figure 1. Groundwater monitoring was performed at the above-referenced site on 6/16/2026 and 6/17/2026 by the New York State Department of Environmental Conservation (Department). Eight off-site groundwater monitoring wells were sampled using a peristaltic pump, as was the method used in the last sampling event that involved the analysis of VOCs, 1,4-dioxane, and PFAS in 2025.

The primary contaminant of concern (COC) in the on-site and off-site groundwater is the volatile organic compound (VOC) tetrachloroethene (PCE). Active dry-cleaning operations lasted from 1983 to before August 2003. Investigations at the adjacent Liberty Industrial Finishing site (LIFS) indicated that there was a significant upgradient source of PCE, which was identified as the dry cleaners from investigations conducted between 2000 to 2003. The site was added to the State's Registry of Inactive Hazardous Waste Disposal Sites as a Class 2 in December 2002 and was referred to the State Superfund for a Remedial Investigation (RI) in January 2005 when the potentially responsible parties (PRPs) failed to sign an Order on Consent. The site is divided into two operable units (OUs): OU1, which covers the on-site groundwater and soil vapor contamination, and OU2, which covers the off-site groundwater contamination. A soil vapor extraction (SVE) system began operating in November 2011 as an interim remedial measure (IRM) at OU1, with monitoring starting in 2012. In the 2014 Record of Decision (ROD) for OU2, an extraction well was to be put in that would pump and convey contaminated water to the treatment system set up at LIFS as part of its remedy. However, after installing the extraction well, the water recovered did not contain the anticipated levels of PCE or its byproducts, in contrast to some of the wells upgradient; as a result, the remedy has been put on hold. From March 31 to April 2, 2025, a new permanent monitoring well, MW-49C was installed as part of site management activities in the same location as a temporary well that had a PCE concentration of 110 ppb; the location of this well had influenced the placement of the

extraction well. Depending on what is recovered, the remedy may be modified as needed.

Details of the 2026 groundwater monitoring activities are presented below. Well locations are presented in Figure 2.

Groundwater Monitoring Procedures

Groundwater samples were collected and managed in accordance with the Field Activities Plan (FAP) attached in Appendix A. The depth to water in each well was measured using a water level sensor, and a peristaltic pump was used to collect samples that were then placed in laboratory-provided containers. There were two low-flow purge setups operating concurrently.

Quality assurance/control (QA/QC) samples were obtained in accordance with the FAP. Field duplicate samples were taken at MW-28C, MW-28D, and MW-29D for PFAS, 1,4-dioxane, and VOCs respectively. Matrix Spike/Matrix Spike Duplicate samples were collected at MW-28C and MW-28D for PFAS and 1,4-dioxane respectively. Trip blank and equipment blank samples were included as well. The samples were labeled before collection and immediately stored on ice after collection until their drop-off at the Melville branch of Pace Analytical Services, a New York State Department of Health ELAP-certified laboratory. All samples were analyzed for Target Compound List (TCL) VOCs by EPA Method 8260C, PFAS by EPA Method 1633A, and 1,4-dioxane by EPA Method 8270E-SIM. The laboratory Category A deliverables is included in Appendix B.

Deviations from the Field Activities Plan

On the first day, June 16, one of the batteries ran out of power, so the pump was hooked up to the car battery instead. This happened at well MW-28C, and the well was still successfully purged and the necessary samples were taken without too much issue. The battery used in the pump at well MW-28D began to run out of power as the QA/QC samples for 1,4-dioxane were taken. As a result, two of the six QA/QC containers were left unfilled, but there is at least one full container for each QA/QC analysis requested. A battery charger was brought on the trip, and it was used to successfully charge both batteries overnight. The batteries were able to function without issue the following day.

One of the rolls of tubing brought on the trip turned out to be too big in diameter to use with the pump. As a result, more tubing of a smaller size had to be purchased from the Long Island Pine Environmental office.

Although extra batteries were brought along on the trip for the water level sensors, one of the sensors failed to turn on despite a new battery being added to it. It was concluded that the sensor itself was faulty and the remaining sensor was shared between the two groups.

Groundwater Sample Results

The analytical results for VOCs and emerging contaminants are presented in Tables 2 and 3 respectively. The site contaminants that appeared in excess of groundwater standards are depicted in Figure 3.

The highest concentration of tetrachloroethylene (PCE) was at well MW-48C, at 14 parts per billion (ppb). In addition to PCE, the well also had an exceedance of 1,2-dichlorobenzene at a concentration of 6.6 ppb. Well MW-28C also had an exceedance of PCE at 11 ppb. PCE was detected at wells MW-37C and MW-46C below the standard. Well EW had exceedances of two VOCs, benzene at 5 ppb and methyl tert-butyl ether (MTBE) at 50 ppb. This well has had exceedances of these compounds in the past as well, likely resulting from runoff from the road.

The highest exceedance and detection of a PFAS compound was PFNA at 360 parts per trillion (ppt) at well MW-48C. The well also had exceedances of PFOA at 30.7 ppt, PFHxS at 28.5 ppt, and PFOS at 23.9 ppt. PFOA and PFOS were also in exceedance at wells MW-28C and EW. MW-28D had an exceedance of PFOA at 6.33 ppt. The MS/MSD samples also had exceedances, but since they had a spiking solution added to them, this is expected and indicates that, for the most part, the groundwater matrix is not affecting the majority of compounds analyzed.

Only one well had an exceedance of 1,4-dioxane, that being MW-28C at 0.64 ppb. All other wells were non-detect for the contaminant. The MS/MSD samples also had exceedances, but, again, this is expected.

The historical results for VOCs and emerging contaminants are presented in Tables 4 and 5 respectively. Compared to last quarter, PCE concentrations have generally decreased at the site, with the exception of MW-48C. Compared to last year, they decreased or remained the same in all wells except MW-48C and MW-46C. The total PFAS concentration has increased in all wells from last year, while the concentration of 1,4-dioxane decreased in all wells from last year.

Based on the review of the QA/QC samples (duplicates and field blanks at all three wells) and the laboratory narrative provided in Appendix B, the analytical results are for the most part usable. The complete laboratory package is included in Appendix B.

Site-Wide Inspection

The wells were in generally good condition. Well EW may be in need of a new seal, and standing water was found in the manhole almost to the top of the riser. It had to be bailed out before samples could be collected.

As was the case when low-flow purge was last used at the well, MW-49C contained highly turbid groundwater. However, unlike last year, the levels were not so high that they interfered with the function of the water quality meter to read turbidity.

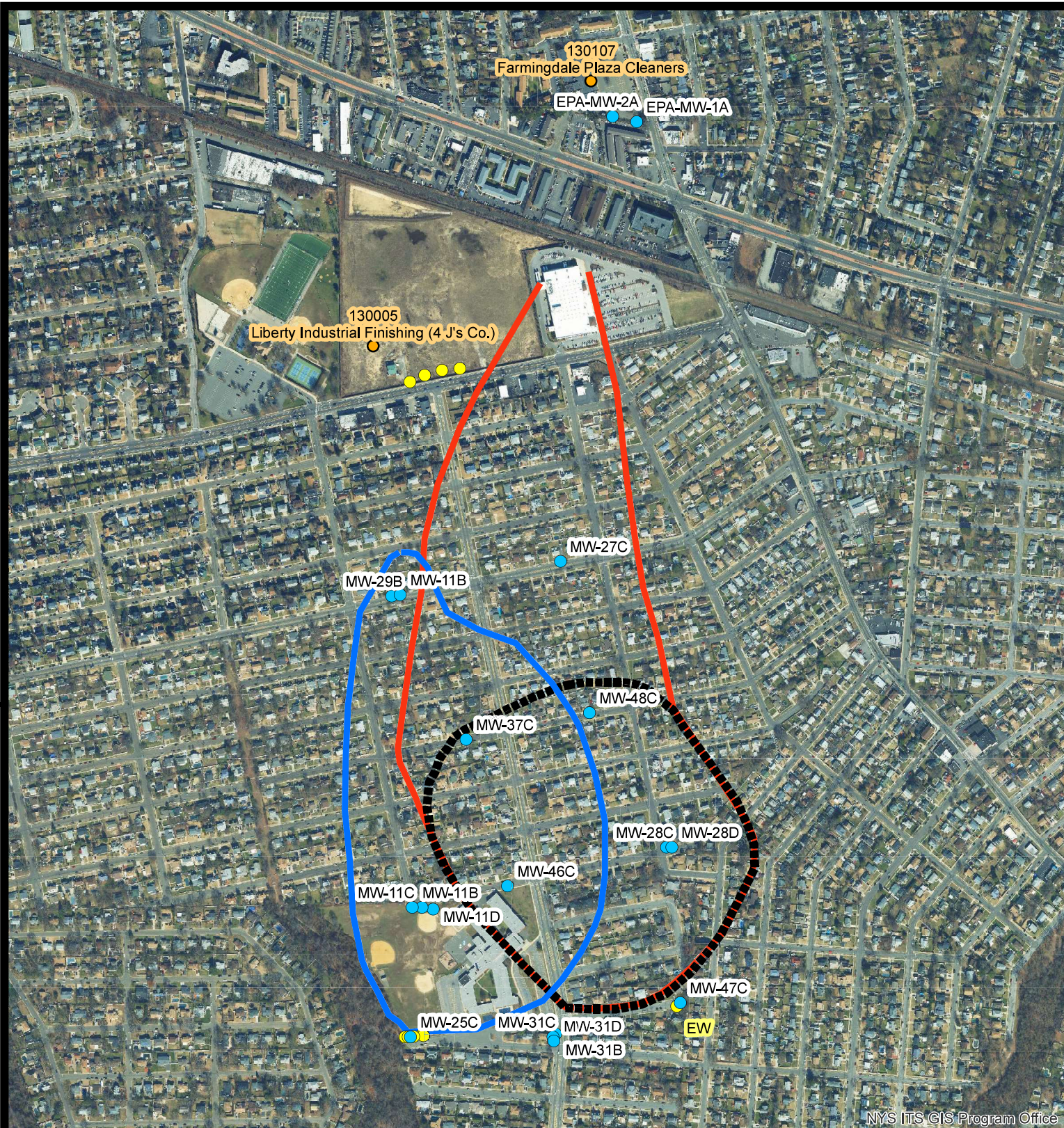
Summary and Recommendations

The concentrations of VOCs have generally decreased from last year and last quarter, with the exception of 1,2-dichlorobenzene at MW-48C and benzene and MTBE at EW. The exceedances in both wells is likely the result of infiltration of runoff from the road through the well lid. Proper closure in future sampling events should be sufficient to solve this issue.

Compared to last year, 1,4-dioxane has also decreased at all wells. Further monitoring is recommended to confirm whether this is a trend or a singular incident.

In contrast, the concentrations of PFAS, individually and in total, have increased compared to last year. Further monitoring is recommended to establish whether this is a trend or a singular incident, and whether action will need to be taken to address this issue.

MW-29D, which had been sampled in order to gage whether there was an upgradient source of PCE contamination affecting the wells downgradient of it, had no detections of VOCs. Combined with the fact that PCE concentrations have generally decreased in the other wells sampled, and it appears that there are no upgradient sources of PCE that are affecting the site. As a result, it is recommended that sampling from well MW-29D be discontinued after the Fall 2026 sampling event, provided no exceedances are discovered then.



0 350 700
Feet
1 in = 700 feet



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Figure 1: Plume Map
Farmingdale Plaza Cleaners - Farmingdale, NY
Site Number 130107

Legend

- Remediation Sites
- Monitoring Well
- Extraction Well
- Plume A 2012
- Plume B 2012
- - - Plume B 2017

well and plume extents
are approximate



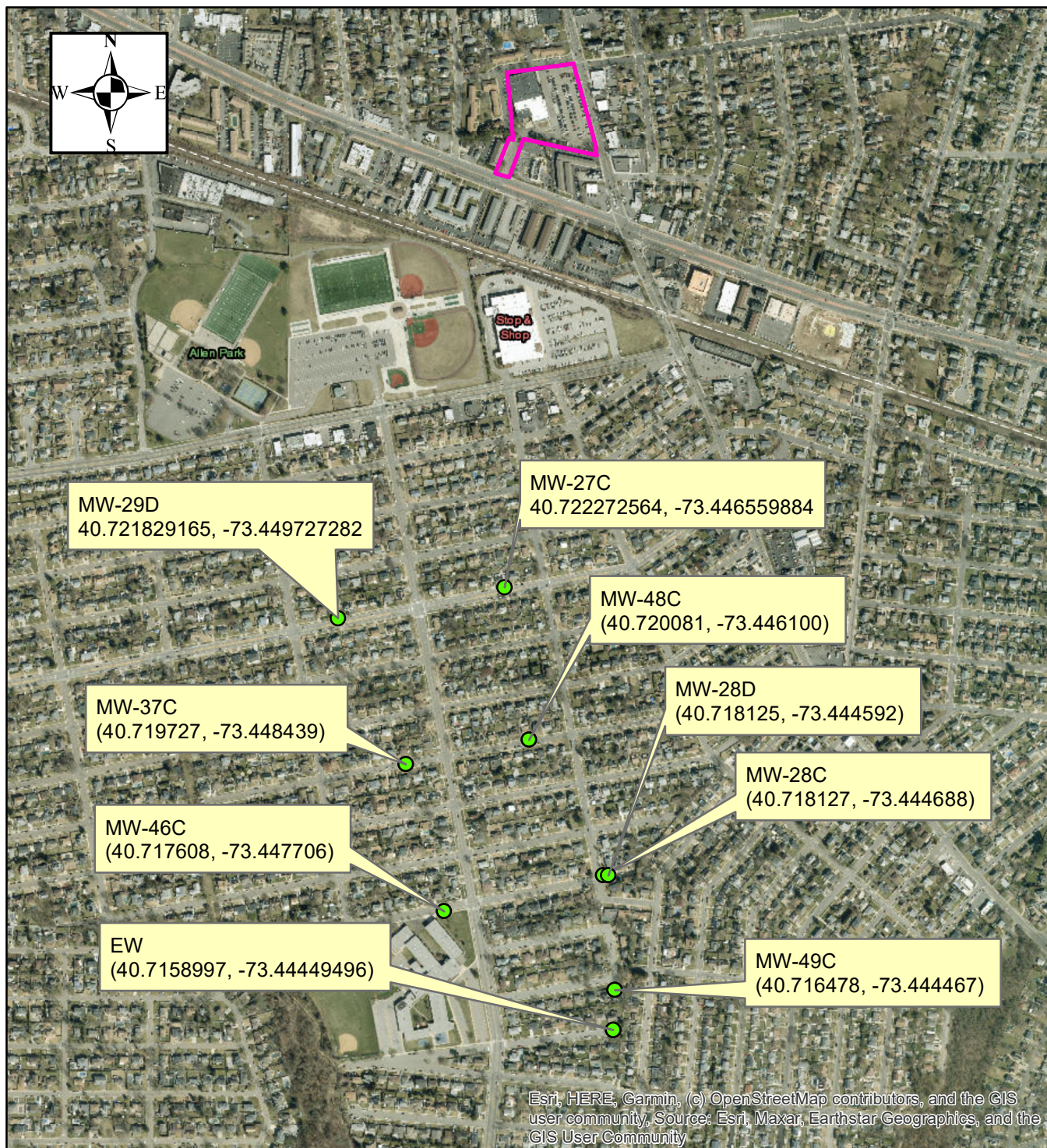
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Legend

- Remediation Sites
- Remediation Site Borders
- Extraction Well
- ⊕ Monitoring Well

0 350 700
Feet
1 in = 700 feet

Figure 2: Groundwater Results - April 2023
Farmingdale Plaza Cleaners - Farmingdale, NY
Site Number 130107



0 0.05 0.1 0.2 0.3 0.4
Miles

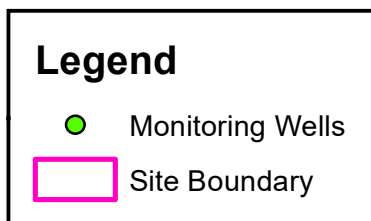
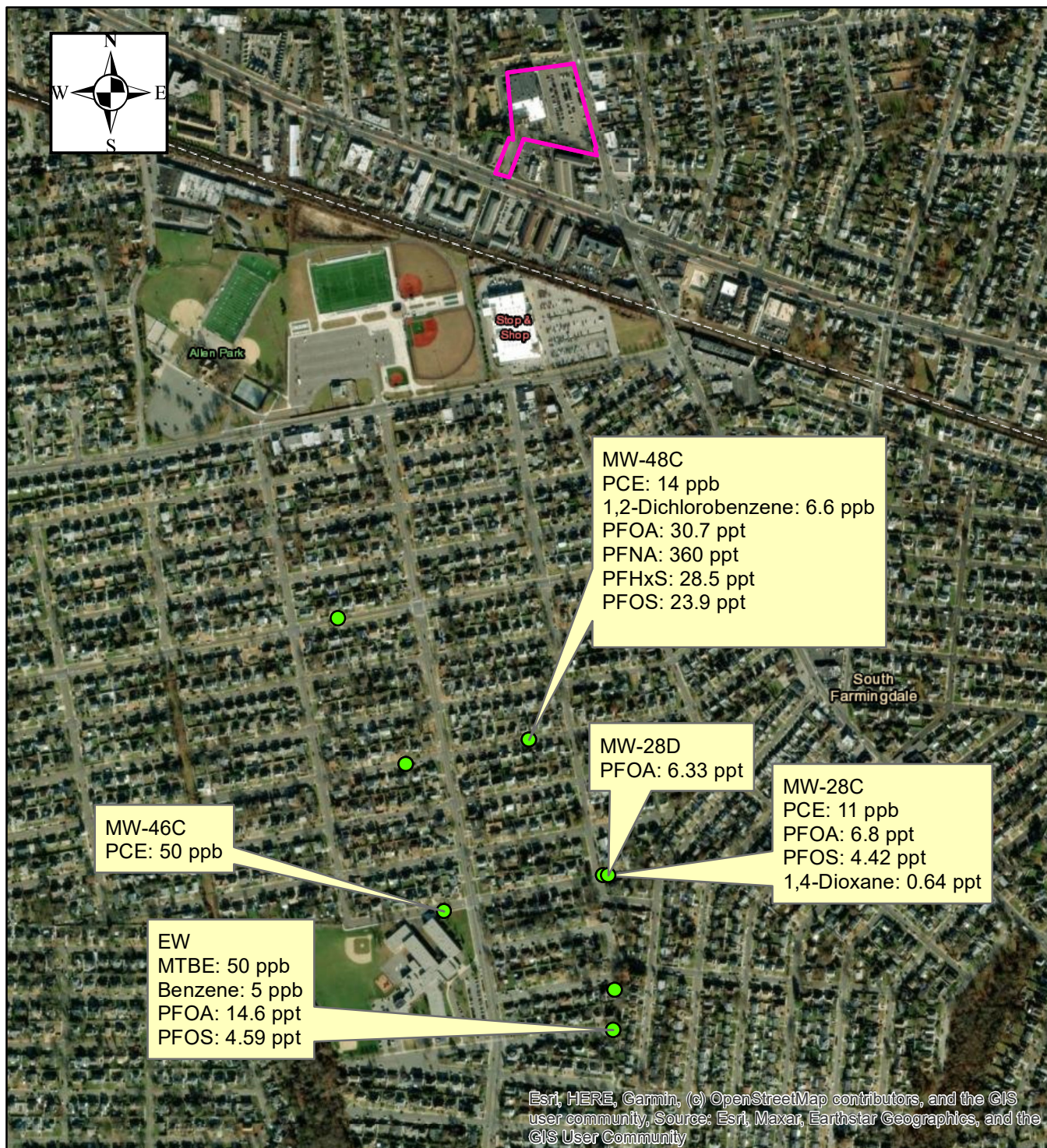


Figure 2

Monitoring Well Locations
NYSDEC Site No. 130107
Farmingdale Plaza Cleaners (OU2)



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0 0.05 0.1 0.2 0.3 0.4
Miles

Legend

- Monitoring Wells
- Site Boundary

Figure 3

VOC and Emerging Contaminants Exceedances
NYSDEC Site No. 130107
Farmingdale Plaza Cleaners (OU2)



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Table 3
Farmingdale Plaza Cleaners
Farmingdale, New York
Site Number 130107
Emerging Contaminants Results - June 2026

Location		MW-48C		MW-37C		MW-46C		MW-28C		DUP-1633		MS-1633		MSD-1633		EB-01		MW-28D		DUP-8270E		MS-8270E		MSD-8270E		MW-49C		EW	
Sample Name		20260616-MW-48C		20260616-MW-37C		20260616-MW-46C		20260616-MW-28C		20260616-DUP-1633		20260616-MS-1633		20250616-MSD-1633		20260616-EB-01		20260616-MW-28D		20260616-DUP-8270E		20260616-MS-8270E		20260616-MSD-8270E		20260616-MW-49C		20260616-EW	
Sample Date		17-Jun-26		17-Jun-26		17-Jun-26		16-Jun-26		16-Jun-26		16-Jun-26		16-Jun-26		17-Jun-26		16-Jun-26		16-Jun-26		16-Jun-26		16-Jun-26		17-Jun-26		17-Jun-26	
Compound Name	Groundwater Standards	Result	Units	Result	Units	Result	Units	Result	Units	Result	Units	Result	Units	Result	Units	Result	Units	Result	Units							Result	Units	Results	Units
PFBA	NA	14.8	ng/L	219	ng/L	55.8	ng/L	9.96	ng/L	10.6	ng/L	206	ng/L	166	ng/L	<10.8	ng/L	40.2	ng/L							13.5	ng/L	48	ng/L
PFPeA	NA	27.6	ng/L	<3.20	ng/L	<2.94	ng/L	14.4	ng/L	13.6	ng/L	117	ng/L	96.3	ng/L	<5.38	ng/L	132	ng/L							8.91	ng/L	33	ng/L
PFHxA	NA	21.1	ng/L	1.6	ng/L	<1.47	ng/L	10.3	ng/L	10.9	ng/L	62.6	ng/L	53.3	ng/L	<2.69	ng/L	90.3	ng/L							2.25	ng/L	16.3	ng/L
PFHpA	NA	18.9	ng/L	<1.60	ng/L	<1.47	ng/L	4.13	ng/L	3.86	ng/L	53.2	ng/L	43.5	ng/L	<2.69	ng/L	40.4	ng/L							<1.51	ng/L	8.2	ng/L
PFOA	2.7*, 10**, 4****	30.7	ng/L	<1.60	ng/L	<1.47	ng/L	6.8	ng/L	6.76	ng/L	60.9	ng/L	49.7	ng/L	<2.69	ng/L	6.33	ng/L							<1.51	ng/L	14.6	ng/L
PFNA	10****	360	ng/L	<1.60	ng/L	<1.47	ng/L	<1.49	ng/L	<1.48	ng/L	50	ng/L	38.1	ng/L	<2.69	ng/L	2.28	ng/L							<1.51	ng/L	<1.47	ng/L
PFDA	NA	<1.41	ng/L	<1.60	ng/L	<1.47	ng/L	<1.49	ng/L	<1.48	ng/L	54.6	ng/L	42.1	ng/L	<2.69	ng/L	1.74	ng/L							<1.51	ng/L	<1.47	ng/L
PFUnA	NA	<1.41	ng/L	<1.60	ng/L	<1.47	ng/L	<1.49	ng/L	<1.48	ng/L	53.2	ng/L	38.4	ng/L	<2.69	ng/L	<1.48	ng/L							<1.51	ng/L	<1.47	ng/L
PFDoA	NA	<1.41	ng/L	<1.60	ng/L	<1.47	ng/L	<1.49	ng/L	<1.48	ng/L	47.7	ng/L	38.6	ng/L	<2.69	ng/L	<1.48	ng/L							<1.51	ng/L	<1.47	ng/L
PFTtDA	NA	<1.41	ng/L	<1.60	ng/L	<1.47	ng/L	<1.49	ng/L	<1.48	ng/L	47.5	ng/L	36.5	ng/L	<2.69	ng/L	<1.48	ng/L							<1.51	ng/L	<1.47	ng/L
PFTeDA	NA	<1.41	ng/L	<1.60	ng/L	<1.47	ng/L	<1.49	ng/L	<1.48	ng/L	52.6	ng/L	40.7	ng/L	<2.69	ng/L	<1.48	ng/L							<1.51	ng/L	<1.47	ng/L
PFBS	NA	6.6	ng/L	<1.60	ng/L	<1.47	ng/L	<1.49	ng/L	<1.48	ng/L	47.6	ng/L	40.5	ng/L	<2.69	ng/L	4.02	ng/L							<1.51	ng/L	2.96	ng/L
PFPeS	NA	2.9	ng/L	<1.60	ng/L	<1.47	ng/L	<1.49	ng/L	<1.48	ng/L	53.2	ng/L	41.3	ng/L	<2.69	ng/L	<1.48	ng/L							<1.51	ng/L	<1.47	ng/L
PFHxS	10****	28.5	ng/L	<1.60	ng/L	<1.47	ng/L	2.29	ng/L	2.45	ng/L	48.8	ng/L	40.2	ng/L	<2.69	ng/L	1.62	ng/L							<1.51	ng/L	5.36	ng/L
PFHpS	NA	<1.41	ng/L	<1.60	ng/L	<1.47	ng/L	<1.49	ng/L	<1.48	ng/L	51	ng/L	45.1	ng/L	<2.69	ng/L	<1.48	ng/L							<1.51	ng/L	<1.47	ng/L
PFOS	6.7*, 10**, 4****	23.9	ng/L	<1.60	ng/L	<1.47	ng/L	4.42	ng/L	4.65	ng/L	53.5	ng/L	45.7	ng/L	<2.69	ng/L	1.8	ng/L							<1.51	ng/L	4.59	ng/L
PFNS	NA	<1.41	ng/L	<1.60	ng/L	<1.47	ng/L	<1.49	ng/L	<1.48	ng/L	46.6	ng/L	40	ng/L	<2.69	ng/L	<1.48	ng/L							<1.51	ng/L	<1.47	ng/L
PFDS	NA	<1.41	ng/L	<1.60	ng/L	<1.47	ng/L	<1.49	ng/L	<1.48	ng/L	42.5	ng/L	35.9	ng/L	<2.69	ng/L	<1.48	ng/L							<1.51	ng/L	<1.47	ng/L
PFDoS	NA	<1.41	ng/L	<1.60	ng/L	<1.47	ng/L	<1.49	ng/L	<1.48	ng/L	40.2	ng/L	31.6	ng/L	<2.69	ng/L	<1.48	ng/L							<1.51	ng/L	<1.47	ng/L
4:2FTS	NA	<5.66	ng/L	<6.40	ng/L	<5.88	ng/L	<5.94	ng/L	<5.91	ng/L	208	ng/L	170	ng/L	<10.8	ng/L	<5.93	ng/L							<6.04	ng/L	<5.88	ng/L
6:2FTS	NA	<5.66	ng/L	<6.40	ng/L	<5.88	ng/L	<5.94	ng/L	<5.91	ng/L	203	ng/L	172	ng/L	<10.8	ng/L	<5.93	ng/L							<6.04	ng/L	7.97	ng/L
8:2FTS	NA	<5.66	ng/L	<6.40	ng/L	<5.88	ng/L	<5.94	ng/L	<5.91	ng/L	219	ng/L	175	ng/L	<10.8	ng/L	<5.93	ng/L							<6.04	ng/L	<5.88	ng/L
PFOSA	NA	<1.41	ng/L	<1.60	ng/L	<1.47	ng/L	<1.49	ng/L	<1.48	ng/L	46.5	ng/L	39.2	ng/L	<2.69	ng/L	<1.48	ng/L							<1.51	ng/L	<1.47	ng/L
NMeFOSA	NA	<1.41	ng/L	<1.60	ng/L	<1.47	ng/L	<1.49	ng/L	<1.48	ng/L	48.8	ng/L	42.7	ng/L	<2.69	ng/L	<1.48	ng/L							<1.51	ng/L	<1.47	ng/L
NEiFOSA	NA	<1.41	ng/L	<1.60	ng/L	<1.47	ng/L	<1.49	ng/L	<1.48	ng/L	49.8	ng/L	41.6	ng/L	<2.69	ng/L	<1.48	ng/L							<1.51	ng/L	<1.47	ng/L
NMeFOSAA	NA	<1.41	ng/L	<1.60	ng/L	<1.47	ng/L	<1.49	ng/L	<1.48	ng/L	50.1	ng/L	40.9	ng/L	<2.69	ng/L	<1.48	ng/L							<1.51	ng/L	<1.47	ng/L
NEiFOSAA	NA	<1.41	ng/L	<1.60	ng/L	<1.47	ng/L	<1.49	ng/L	<1.48	ng/L	45.8	ng/L	38.5	ng/L	<2.69	ng/L	<1.48	ng/L							<1.51	ng/L	<1.47	ng/L
NMeFOSE	NA	<14.1	ng/L	<16.0	ng/L	<14.7	ng/L	<14.9	ng/L	<14.8	ng/L	486	ng/L	396	ng/L	<26.9	ng/L	<14.8	ng/L							<15.1	ng/L	<14.7	ng/L
NEiFOSE	NA	<14.1	ng/L	<16.0	ng/L	<14.7	ng/L	<14.9	ng/L	<14.8	ng/L	495	ng/L	396	ng/L	<26.9	ng/L	<14.8	ng/L							<15.1	ng/L	<14.7	ng/L
HFPO-DA	10****	<5.66	ng/L	<6.40	ng/L	<5.88	ng/L	<5.94	ng/L	<5.91	ng/L	208	ng/L	163	ng/L	<10.8	ng/L	<5.93	ng/L							<6.04	ng/L	<5.88	ng/L
ADONA	NA	<5.66	ng/L	<6.40	ng/L	<5.88	ng/L	<5.94	ng/L	<5.91	ng/L	203	ng/L	159	ng/L	<10.8	ng/L	<5.93	ng/L							<6.04	ng/L	<5.88	ng/L
9Cl-PF3ONS	NA	<5.66	ng/L	<6.40	ng/L	<5.88	ng/L	<5.94	ng/L	<5.91	ng/L	215	ng/L	188	ng/L	<10.8	ng/L	<5.93	ng/L							<6.04	ng/L	<5.88	ng/L
11Cl-PF3OUdS	NA	<5.66	ng/L	<6.40	ng/L	<5.88	ng/L	<5.94	ng/L	<5.91	ng/L	188	ng/L	157	ng/L	<10.8	ng/L	<5.93	ng/L							<6.04	ng/L	<5.88	ng/L
3:3FTCA	NA	<7.07	ng/L	<8.00	ng/L	<7.35	ng/L	<7.43	ng/L	<7.38	ng/L	192	ng/L	153	ng/L	<13.4	ng/L	<7.42	ng/L							<7.55	ng/L	<7.35	ng/L
5:3FTCA	NA	<35.4	ng/L	<40.0	ng/L	<36.7	ng/L	<37.1	ng/L	<36.9	ng/L	1360	ng/L	1130	ng/L	<67.2	ng/L	<37.1	ng/L							<37.7	ng/L	<36.7	ng/L
7:3FTCA	NA	<35.4	ng/L	<40.0	ng/L	<36.7	ng/L	<37.1	ng/L	<36.9	ng/L	1270	ng/L	951	ng/L	<67.2	ng/L	<37.1	ng/L							<37.7	ng/L	<36.7	ng/L
PFEESA	NA	<2.83	ng/L	<3.20	ng/L	<2.94	ng/L	<2.97	ng/L	<2.95	ng/L	107	ng/L	88	ng/L	<5.38	ng/L	<2.97	ng/L							<3.02	ng/L	<2.94	ng/L
PFMPA	NA	<2.83	ng/L	<3.20	ng/L	<2.94	ng/L	<2.97	ng/L	<2.95	ng/L	103	ng/L	80.5	ng/L	<5.38	ng/L	<2.97	ng/L							<3.02	ng/L	<2.94	ng/L
PFMBA	NA	<2.83	ng/L	<3.20	ng/L	<2.94	ng/L	<2.97	ng/L	<2.95	ng/L	100	ng/L	80.6	ng/L	<5.38	ng/L	<2.97	ng/L							<3.02	ng/L	<2.94	ng/L
NFDHA	NA	<2.83	ng/L	<3.20	ng/L	<2.94	ng/L	<2.97	ng/L	<2.95	ng/L	94	ng/L	78.7	ng/L	<5.38	ng/L	<2.97	ng/L							<3.02	ng/L	<2.94	ng/L
Total		535	ng/L	220.6	ng/L	55.8	ng/L	52.3	ng/L	52.82	ng/L	7080.7	ng/L	5704.2	ng/L	0	ng/L	320.69	ng/L							24.66	ng/L	140.98	ng/L
1,4-Dioxane	0.35*****	<0.20	µg/L	<0.20	µg/L	<0.20	µg/L	0.64	µg/L									<0.20	µg/L	<0.20	µg/L	3.7	µg/L	3.8	µg/L	<0.20	µg/L	<0.20	µg/L

Notes
*: Standards from TOGS February 2023 Addendum
**: Standards from NYSDOH
***: Standards from USEPA Final PFAS Rule
****: Units of micrograms per liter (ug/L)
Standards Units in nanograms per liter (ng/L)

Table 4
Farmingdale Plaza Cleaners
Farmingdale, New York
Site Number: 130107

PCE Trends for MW-28C and MW-28D from March 2012 to July 2025

Sample Date	MW-28C	MW-28D	MW-37C	MW-48C	MW-46C	EW	MW-49C/PW-19	MW-29D
Mar-12	74	78	130	34			110	
Aug-15	48	42						
Apr-17	41	36		11				
Dec-17	20	40	5.2	6.5	69			
May-18	46	60						
Jan-20	35	36				2.9		
Apr-21	63	40				10		
Dec-21	30	35			60.2	5.3		
Apr-23	72	32				11		
Jun-24	35	49						
Jul-25	11	1	24	ND	ND	ND	ND	
Nov-25	9.3	0	22	0	10	0	0	
Feb-26	35	0		10	52	0		
Apr-26	12	0	0/6/12	0/6/12	21	0	0	0/6/12
Jun-26	11	0	3.8	14	1.1	0	0	0

Units in micrograms per liter (µg/L)

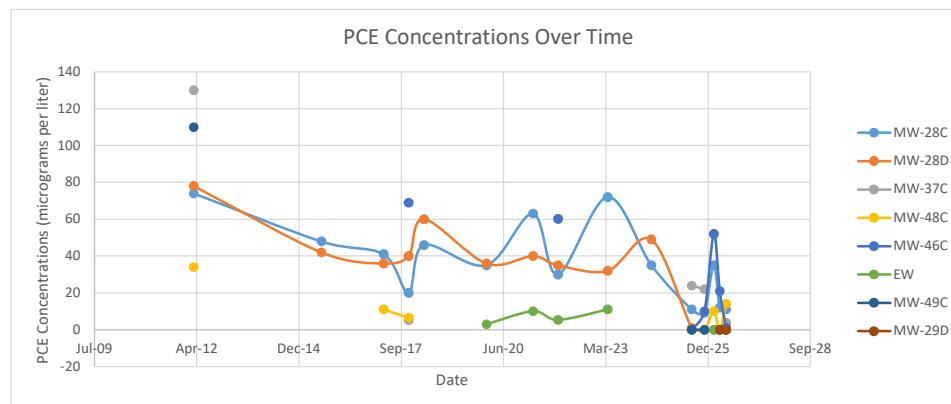


Table 5
Farmingdale Plaza Cleaners
Farmingdale, New York
Site Number: 130107
Total PFAS and 1,4-Dioxane Trends

PFAS

Sample Date	MW-28C	MW-28D	MW-37C	MW-48C	MW-46C	EW	MW-49C
May 2018	161.86	3.61	NS	NS	NS	NS	NS
July 2025	36.8	139.4	147.9	18.5	20.9	91.3	6.3
June 2026	52.3	320.69	220.6	535	55.8	140.98	24.6

Units in nanograms per liter (µg/L)

1,4-Dioxane

Sample Date	MW-28C	MW-28D	MW-37C	MW-48C	MW-46C	EW	MW-49C
May 2018	0.2	0.72	NS	NS	NS	NS	NS
July 2025	2	ND	0.84	ND	ND	0.98	0.46
June 2026	0.64	ND	ND	ND	ND	ND	ND

Units in micrograms per liter (ng/L)

Appendix A

Farmingdale Plaza Cleaners Site No. 130107 Field Activities Plan (June 2026)

Groundwater Sampling at the

Farmingdale Plaza Cleaners, OU2, DEC Site No. 130107

450 Main Street, Farmingdale, NY, 11735

DEC Project Manager: Sankavi Sampath, 518-402-9806 (office) 631-494-0870 (cell),

sankavi.sampath@dec.ny.gov

Objective: Assess current groundwater quality across the site and evaluate performance of remedy. Sample seven downgradient monitoring wells. Table 1 indicates the wells to be sampled, sample IDs and analysis. Groundwater is generally 15 feet below ground surface (ft bgs) and flows predominantly south. A monitoring well location map is attached as Figure 3.

Table 1 – Sample Collection Schedule

Normal Sample	Well ID (Coordinates)	Sample ID	QA/QC	VOCs (8620)	1,4-Dioxane (8270E-SIM)	PFAS (1633)
Off-Site	MW-48C (40.720081, -73.446100)	20260616-MW-48C		X	X	X
Off-Site	MW-37C (40.719727, -73.448439)	20260616-MW-37C		X	X	X
Off-Site	MW-46C (40.717608, -73.447706)	20260616-MW-46C		X	X	X
Off-Site	MW-28C (40.718127, -73.444688)	20260616-MW-28C	X— DUP-1633A & MS/MSD-1633A & EB-01	X	X	X
Off-Site	MW-28D (40.718125, -73.444592)	20260616-MW-28D	X – DUP-8270E & MS/MSD- 8270E	X	X	X
Off-Site	MW-49C (40.716478, -73.444467)	20260616-MW-49C		X	X	X

Off-Site	MW-29D (40.721829165, -73.449727282)	20260616-MW-29D	X – DUP-8260	X		
Off-Site	EW (40.7158997, -73.44449496)	20250616-EW		X	X	X
Normal				8	7	7
QA/QC	Duplicate	20260616-DUP- [Analytical Method]	3			
	Matrix Spike/Matrix Spike Duplicate	20260616-MS/MSD- [Analytical Method]	2			
	Equipment Blank	20260616-EB-01	1			
	Trip Blank	20260616-TB-01	1			
Totals			7			29

Samples will be analyzed for VOCs via EPA Method 8260, 1,4-Dioxane via EPA Method 8270E-SIM, and PFAS via EPA Method 1633A

QA/QC samples consist of Field Duplicates. Matrix Spike/Matrix Spike Duplicates, an Equipment Blank, and a Trip Blank

Low-Flow Purge Procedures

1. Measure the depth to water and the well depth using a water level sensor.
2. Set up the peristaltic pump and water quality meter.
3. Turn on the pump and adjust rate to 150-200 mL/min. Remove three well volumes, recording parameters every five minutes off the water quality meter until they stabilize. Repeat if necessary.
4. Detach the tube that feeds into the water quality meter and fill sample bottles from that point. Place samples into cooler with ice.
5. If no visible contamination of purge water is present, discharge to the ground surface.

From April 2026:

Monitoring Well	Casing	Well Diameter	Elevation (ft - site datum)			Depth to Water	Monitoring Well Elevation
			Total	Screen	Screen		
Identification	Construction	(inches)	Depth	Top	Bottom	(ft bgs)	(ft AMSL)
MW-48C	Flushmount	2	124.7	--	--	13.75	42.64
MW-37C	Flushmount	4	183.7	--	--	14	41.72
MW-46C	Flushmount	2	152.2	--	--	14.55	39.93
MW-28C	Flushmount	4	126.7	112	122	15.6	40.94
MW-28D	Flushmount	2	182.6	171	181	15.8	41.06
MW-49C	Flushmount	2	165.2	--	--	18.4	56.23
EW	Flushmount	6	152.1	127.5	147.5	17.5	--
MW-29D	Flushmount	2	196.7	--	--	18.25	--
NOTE: ft bgs = feet below ground surface							

Callout: 151888

Bottle Order: 570214



**Department of
Environmental
Conservation**

**Division of Environmental Remediation
Central Office**

Field Log

Site Code #: 130107	Date: 06/16-17/2026
----------------------------	----------------------------

Site Name: Farmingdale Plaza Cleaners

Location: Farmingdale, New York

DEC Project Manager: Sankavi Sampath

	AM (6/17/26)	PM (6/16/26)
Weather	Sunny	Sunny
Temperature	57°F	72°F
Wind Direction	E	E

Objective: Collect groundwater samples to monitor for VOC, PFAS, and 1,4-dioxane contamination

Description of Inspection Activities and Discussions:

6/16/2026: Arrived on site at 12:54 PM. Present at site: Sankavi Sampath, Leili Vogl, JR Pagano, Kira Bruno, and Jasmine Stefansky.

- MW-28C: Collected sample at 15:05.
 - Depth to water: 16.35 ft bgs
 - Well depth: 126 ft bgs
 - Collected PFAS Duplicate, Matrix Spike, and Matrix Spike Duplicate
- MW-28D: Collected sample at 16:05.
 - Depth to water: 16.6 ft bgs
 - Well depth: 182.65 ft bgs
 - Collected 1,4-dioxane Duplicate, Matrix Spike, and Matrix Spike Duplicate

Left site at 4:45 PM.

6/17/2026: Arrived on site at 7:40 AM.

- MW-48C: Collected sample at 10:54.

- Depth to water: 14.5 ft bgs
 - Well depth: 124.5 ft bgs
 - MW-37C: Collected sample at 11:05.
 - Depth to water: 14.9 ft bgs
 - Well depth: The group at this well forgot to record it
 - EW: Collected sample at 10:07.
 - Depth to water: 18.32 ft bgs
 - Well depth: The group at this well forgot to record it
 - Bolts holding down lid may need different wrench sizes.
 - MW-49C: Collected sample and duplicate at 9:16.
 - Depth to water: 17.95 ft bgs
 - Well depth: 166 ft bgs
 - MW-29D: Collected sample at 12:32.
 - Depth to water: 19.2 ft bgs
 - Well depth: 193.53 ft bgs
 - Collected VOC Duplicate
 - MW-46C: Collected sample at 12:52.
 - Depth to water: 15.6 ft bgs
 - Well depth: The group at this well forgot to record it
 - Equipment Blank collected 12:35 PM.
- Left site at 1:10 PM.

Health & Safety:

Level of protection: Level D, used nitrile gloves.

Site Representative: Sankavi Sampath

Date: 06/18/2026

Representative's Signature:

Sankavi Sampath

Photo Log:
Picture 1: Turbidity at MW-49C



Picture 2: Chain of Custody

A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please
define)

PCB ONLY

☐ Soxhlet

☐ Non Soxhlet

Monitoring Well Sampling Log

Well No.:

Location:

Project No.:

Casing Type:

Screen Length:

Measuring Point:

Well Diameter:

Well Depth:

Water Level:

Water Column:

1 Volume (gal.):

Purge Device:

Start Purge/

Stop Purge:

Tubing Type:

Sampling Device:

Sample Time:

Sample Personnel:

Sample Analyses:

Notes:

Gal./ft.: 1" dia. = 0.05 gal./ft., 2" dia. = 0.18 gal./ft., 4" dia. = 0.66 gal./ft., 6" dia. = 1.5 gal./ft.

Low Flow Criteria: temp $\pm 3\%$, pH ± 0.1 , cond $\pm 3\%$, redox ± 10 mv, DO & turb $\pm 10\%$, flow 100-500 ml/min.

[illegible]

issues w/ Hanna

collected 8270E Dup, MS/MSD

Note: High turbidity in well

Date: 06/17/2026
Location:

Notes: Technically MW-48 "D" in results

Well No: MW-29D

Date:

Location:

Purge Device:

Start Purge:

Stop Purge:

Tubing Type:

Sampling Device:

Sample Time:

Sample Personnel:

Sample Analyses:

Sample Analyses:

Gal./ft.: 1" dia. = 0.05 gal./ft., 2" dia. = 0.18 gal./ft., 4" dia. = 0.66 gal./ft., 6" dia. = 1.5 gal./ft.

[illegible]

423 Platt Ave.

Well No.: MW-37C

Project:

Monitoring Well Sampling Log

Date:

Location:

Project No.:

Casing Type:

Screen Length:

Measuring Point:

Well Diameter:

Well Depth:

Water Level: 14.9"

Water Column:

1 Volume (gal.):

Purge Device:

Start Purge:

Stop Purge:

Tubing Type:

Sampling Device:

Sample Time:

Sample Personnel:

Sample Analyses:

Notes:

Gal./ft.: 1" dia. = 0.05 gal./ft., 2" dia. = 0.18 gal./ft., 4" dia. = 0.66 gal./ft., 6" dia. = 1.5 gal./ft

Low Flow Criteria: temp $\pm 3\%$, pH ± 0.1 , cond $\pm 3\%$, redox ± 10 mv, DO & turb $\pm 10\%$, flow 100-500 ml/min.

[illegible]

6/17/26

Harba (State)

Initial

pH 3.75

Cond 4.22

DO 19.05

turb 0.0

Post

pH 4.0

Cond 4.48

DO 11.17

turb 0.0

13:36

~~1357~~
~~1412~~ Start
1412

Well No.: NW-28C

Date: 6/16/26

Project:

Location:

Project No.:

Purge Device:

Casing Type:

Start Purge:

Screen Length:

Stop Purge:

Measuring Point:

Tubing Type:

Well Diameter:

Sampling Device: Pen pump

Well Depth:

Sample Time:

Water Level: ~~3.5~~ 16.35

Sample Personnel:

Water Column:

Sample Analyses:

1 Volume (gal.):

Notes:

Gal./ft.: 1" dia. = 0.05 gal./ft., 2" dia. = 0.18 gal./ft., 4" dia. = 0.66 gal./ft., 6" dia. = 1.5 gal./ft.

Low Flow Criteria: temp $\pm 3\%$, pH ± 0.1 , cond $\pm 3\%$, redox ± 10 mv, DO & turb $\pm 10\%$, flow 100-500 ml/min.

[illegible]

6/16/16

13:21

Farmington site
Sankari

autocal exp 12/26

Hariba Calibration (Pine)

Initial: pH: 4.01

Post: pH 4.0

Cond: 4.55

Cond: 4.50

DO: 8.93

DO: 9.29

turb: 8.4

Turb 0.0

6/17/26

Pine Hariba

Initial

Post

pH 4.56

pH 3.99

Cond 4.49

Cond 4.48

DO ~~10.5~~ 11.9

DO 10

turb 0.8

turb 0.0

[illegible]

Appendix B

July 10, 2026

Sankavi Sampath
NYDEC_NYS Division of Environmental Remediation
625 Broadway 12th Floor
Albany, NY 12233-7012

Project Location: Farmingdale, NY
Client Job Number:
Project Number: 130107
Laboratory Work Order Number: 26F2373

Enclosed are results of analyses for samples as received by the laboratory on June 24, 2026. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Raymond J. McCarthy
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_NYS Division of Environmental Remediat
625 Broadway 12th Floor
Albany, NY 12233-7012
ATTN: Sankavi Sampath

REPORT DATE: 7/10/2026

PURCHASE ORDER NUMBER: 151888

PROJECT NUMBER: 130107

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 26F2373

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: Farmingdale, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
20260616-MW-49C	26F2373-01	Ground Water		EPA 1633A SW-846 8260D SW-846 8270D-E	NY10478; M-NY026; CT PH-435
20260616-MW-48D	26F2373-02	Ground Water		EPA 1633A SW-846 8260D SW-846 8270D-E	NY10478; M-NY026; CT PH-435
20260616-MW-29D	26F2373-03	Ground Water		SW-846 8260D	
DUP-8260	26F2373-04	Ground Water		SW-846 8260D	
Equipment Blank	26F2373-05	Equipment Blank Water		EPA 1633A	
Trip Blank	26F2373-06	Trip Blank Water		SW-846 8260D	
20260616-MW-28D	26F2373-07	Ground Water		EPA 1633A SW-846 8260D SW-846 8270D-E	NY10478; M-NY026; CT PH-435
20260616-MW-28C	26F2373-08	Ground Water		EPA 1633A SW-846 8260D SW-846 8270D-E	NY10478; M-NY026; CT PH-435
20260616-EW	26F2373-09	Ground Water		EPA 1633A SW-846 8260D SW-846 8270D-E	NY10478; M-NY026; CT PH-435
20260616-MW-37C	26F2373-10	Ground Water		EPA 1633A SW-846 8260D SW-846 8270D-E	NY10478; M-NY026; CT PH-435
20260616-MW-46C	26F2373-11	Ground Water		EPA 1633A SW-846 8260D SW-846 8270D-E	NY10478; M-NY026; CT PH-435
DUP-1633E	26F2373-12	Ground Water		EPA 1633A	
DUP-8270E	26F2373-13	Ground Water		SW-846 8270D-E	NY10478; M-NY026; CT PH-435

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

EPA 1633A

Qualifications:**D-04**

Sample extracted at a dilution due to insufficient volume provided.

Analyte & Samples(s) Qualified:

26F2373-05[Equipment Blank]

H-18

Sample was frozen to extend hold time to 90 days.

Analyte & Samples(s) Qualified:

26F2373-01RE1[20260616-MW-49C], 26F2373-02RE1[20260616-MW-48D], 26F2373-05[Equipment Blank], 26F2373-07RE1[20260616-MW-28D], 26F2373-08RE1[20260616-MW-28C], 26F2373-09RE1[20260616-EW], 26F2373-10RE1[20260616-MW-37C], 26F2373-11RE1[20260616-MW-46C], 26F2373-12RE1[DUP-1633E], B431789-MS1, B431789-MSD1

L-01

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

Analyte & Samples(s) Qualified:**11CI-PF3OUdS**

26F2373-05[Equipment Blank], B431789-BLK1, B431789-BS1, B431789-MS1, B431789-MSD1

1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FT)

26F2373-05[Equipment Blank], B431789-BLK1, B431789-BS1, B431789-MS1, B431789-MSD1

1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FT)

26F2373-05[Equipment Blank], B431789-BLK1, B431789-BS1, B431789-MS1, B431789-MSD1

1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)

26F2373-05[Equipment Blank]

2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FT)

26F2373-05[Equipment Blank], B431789-BLK1, B431789-BS1, B431789-MS1, B431789-MSD1

3-Perfluoroheptyl propanoic acid (FHpPA)(7:3FTC)

26F2373-05[Equipment Blank], B431789-BLK1, B431789-BS1, B431789-MS1, B431789-MSD1

3-Perfluoropropyl propanoic acid (FPrPA)(3:3FTC)

26F2373-05[Equipment Blank], B431789-BLK1, B431789-BS1, B431789-MS1, B431789-MSD1

4,8-Dioxa-3H-perfluorononanoic acid (ADONA)

26F2373-05[Equipment Blank], B431789-BLK1, B431789-BS1, B431789-MS1, B431789-MSD1

9CI-PF3ONS

26F2373-05[Equipment Blank], B431789-BLK1, B431789-BS1, B431789-MS1, B431789-MSD1

Hexafluoropropylene oxide dimer acid (HFPO-DA)

26F2373-05[Equipment Blank], B431789-BLK1, B431789-BS1, B431789-MS1, B431789-MSD1

N-EtFOSAA (NEtFOSAA)

26F2373-05[Equipment Blank], B431789-BLK1, B431789-BS1, B431789-MS1, B431789-MSD1

N-ethyl perfluorooctanesulfonamide (NEtFOSA)

26F2373-05[Equipment Blank], B431789-BLK1, B431789-BS1, B431789-MS1, B431789-MSD1

N-ethylperfluorooctanesulfonamidoethanol (NEtFO)

26F2373-05[Equipment Blank], B431789-BLK1, B431789-BS1, B431789-MS1, B431789-MSD1

N-MeFOSAA (NMeFOSAA)

26F2373-05[Equipment Blank], B431789-BLK1, B431789-BS1, B431789-MS1, B431789-MSD1

N-methyl perfluorooctanesulfonamide (NMeFOSA)

26F2373-05[Equipment Blank], B431789-BLK1, B431789-BS1, B431789-MS1, B431789-MSD1

N-methylperfluorooctanesulfonamidoethanol(NMeF)

26F2373-05[Equipment Blank], B431789-BLK1, B431789-BS1, B431789-MS1, B431789-MSD1

Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)

26F2373-05[Equipment Blank], B431789-BLK1, B431789-BS1, B431789-MS1, B431789-MSD1

Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)

26F2373-05[Equipment Blank], B431789-BLK1, B431789-BS1, B431789-MS1, B431789-MSD1

Perfluoro-3-methoxypropanoic acid (PFMPA)

26F2373-05[Equipment Blank], B431789-BLK1, B431789-BS1, B431789-MS1, B431789-MSD1

Perfluoro-4-methoxybutanoic acid (PFMBA)

26F2373-05[Equipment Blank], B431789-BLK1, B431789-BS1, B431789-MS1, B431789-MSD1

Perfluorobutanesulfonic acid (PFBS)

26F2373-05[Equipment Blank]

L-01

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

Analyte & Samples(s) Qualified:

Perfluorobutanoic acid (PFBA)

26F2373-05[Equipment Blank]

Perfluorodecanesulfonic acid (PFDS)

26F2373-05[Equipment Blank], B431789-BLK1, B431789-BS1, B431789-MS1, B431789-MSD1

Perfluorodecanoic acid (PFDA)

26F2373-05[Equipment Blank]

Perfluorododecanoic acid (PFDoA)

26F2373-05[Equipment Blank], B431789-BLK1, B431789-BS1, B431789-MS1, B431789-MSD1

Perfluoroheptanesulfonic acid (PFHpS)

26F2373-05[Equipment Blank], B431789-BLK1, B431789-BS1, B431789-MS1, B431789-MSD1

Perfluoroheptanoic acid (PFHpA)

26F2373-05[Equipment Blank]

Perfluorohexanesulfonic acid (PFHxS)

26F2373-05[Equipment Blank]

Perfluorohexanoic acid (PFHxA)

26F2373-05[Equipment Blank]

Perfluorononanesulfonic acid (PFNS)

26F2373-05[Equipment Blank], B431789-BLK1, B431789-BS1, B431789-MS1, B431789-MSD1

Perfluorononanoic acid (PFNA)

26F2373-05[Equipment Blank]

Perfluorooctanesulfonamide (PFOSA)

26F2373-05[Equipment Blank], B431789-BLK1, B431789-BS1, B431789-MS1, B431789-MSD1

Perfluorooctanesulfonic acid (PFOS)

26F2373-05[Equipment Blank]

Perfluorooctanoic acid (PFOA)

26F2373-05[Equipment Blank]

Perfluoropentanesulfonic acid (PFPeS)

26F2373-05[Equipment Blank]

Perfluoropentanoic acid (PFPeA)

26F2373-05[Equipment Blank]

Perfluorotetradecanoic acid (PFTeDA)

26F2373-05[Equipment Blank], B431789-BLK1, B431789-BS1, B431789-MS1, B431789-MSD1

Perfluorotridecanoic acid (PFTrDA)

26F2373-05[Equipment Blank], B431789-BLK1, B431789-BS1, B431789-MS1, B431789-MSD1

Perfluoroundecanoic acid (PFUnA)

26F2373-05[Equipment Blank], B431789-BLK1, B431789-BS1, B431789-MS1, B431789-MSD1

L-05

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

Analyte & Samples(s) Qualified:

1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)

B431789-BLK1, B431789-BS1, B431789-MS1, B431789-MSD1

Perfluorobutanesulfonic acid (PFBS)

B431789-BLK1, B431789-BS1, B431789-MS1, B431789-MSD1

Perfluorobutanoic acid (PFBA)

B431789-BLK1, B431789-BS1, B431789-MS1, B431789-MSD1

Perfluorodecanoic acid (PFDA)

B431789-BLK1, B431789-BS1, B431789-MS1, B431789-MSD1

Perfluoroheptanoic acid (PFHpA)

B431789-BLK1, B431789-BS1, B431789-MS1, B431789-MSD1

Perfluorohexanesulfonic acid (PFHxS)

B431789-BLK1, B431789-BS1, B431789-MS1, B431789-MSD1

Perfluorohexanoic acid (PFHxA)

B431789-BLK1, B431789-BS1, B431789-MS1, B431789-MSD1

Perfluorononanoic acid (PFNA)

B431789-BLK1, B431789-BS1, B431789-MS1, B431789-MSD1

Perfluorooctanesulfonic acid (PFOS)

B431789-BLK1, B431789-BS1, B431789-MS1, B431789-MSD1

Perfluorooctanoic acid (PFOA)

B431789-BLK1, B431789-BS1, B431789-MS1, B431789-MSD1

Perfluoropentanesulfonic acid (PFPeS)

B431789-BLK1, B431789-BS1, B431789-MS1, B431789-MSD1

Perfluoropentanoic acid (PFPeA)

B431789-BLK1, B431789-BS1, B431789-MS1, B431789-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:

1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)

B431789-MS1, B431789-MSD1

1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)

B431789-MS1, B431789-MSD1

2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTS)

B431789-MS1, B431789-MSD1

Hexafluoropropylene oxide dimer acid (HFPO-DA)

B431789-MS1, B431789-MSD1

N-ethylperfluorooctanesulfonamidoethanol (NEtFO)

B431789-MS1, B431789-MSD1

Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)

B431789-MS1, B431789-MSD1

Perfluoro-3-methoxypropanoic acid (PFMPA)

B431789-MS1, B431789-MSD1

Perfluoropentanoic acid (PFPeA)

B431789-MS1, B431789-MSD1

MS-23

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 outside of the method specified criteria. Reduced precision anticipated for any reported result for this compound.

Analyte & Samples(s) Qualified:

Perfluorodecanoic acid (PFDA)

B431789-MS1, B431789-MSD1

Perfluoropentanesulfonic acid (PFPeS)

B431789-MS1, B431789-MSD1

Perfluorotetradecanoic acid (PFTeDA)

B431789-MS1, B431789-MSD1

Perfluoroundecanoic acid (PFUnA)

B431789-MS1, B431789-MSD1

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PF-17

Extracted Internal Standard recovery is outside of control limits. Data is not significantly affected since associated analyte is not detected and bias is on the high side.

Analyte & Samples(s) Qualified:

13C2-6:2FTS

S136985-CCB2, S136986-CCB1, S136986-CCB2, S136986-CCB3, S136990-CCB1, S136990-CCB3

13C2-8:2FTS

S136985-CCB3, S136986-CCB1, S136986-CCB2, S136986-CCB3, S136990-CCB1, S136990-CCB3

1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)

S136985-CCB3, S136986-CCB1, S136986-CCB2, S136986-CCB3, S136990-CCB1, S136990-CCB3

1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)

S136985-CCB2, S136986-CCB1, S136986-CCB2, S136986-CCB3, S136990-CCB1, S136990-CCB3

R-06

Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.

Analyte & Samples(s) Qualified:

3-Perfluoroheptyl propanoic acid (FHpPA)(7:3FTC)

B431789-MS1, B431789-MSD1

Perfluorononanoic acid (PFNA)

B431789-MS1, B431789-MSD1

Perfluorotridecanoic acid (PFTrDA)

B431789-MS1, B431789-MSD1

S-29

Extracted Internal Standard is outside of control limits.

Analyte & Samples(s) Qualified:

13C4-PFBA

26F2373-09RE1[20260616-EW], 26F2373-10RE1[20260616-MW-37C]

13C5-PFPeA

26F2373-10RE1[20260616-MW-37C]

3-Perfluoropropyl propanoic acid (FPrPA)(3:3FTC)

26F2373-10RE1[20260616-MW-37C]

D3-NMeFOSAA

26F2373-02RE1[20260616-MW-48D]

N-MeFOSAA (NMeFOSAA)

26F2373-02RE1[20260616-MW-48D]

Perfluoro-3-methoxypropanoic acid (PFMPA)

26F2373-09RE1[20260616-EW], 26F2373-10RE1[20260616-MW-37C]

Perfluoro-4-methoxybutanoic acid (PFMBA)

26F2373-10RE1[20260616-MW-37C]

Perfluorobutanoic acid (PFBA)

26F2373-09RE1[20260616-EW], 26F2373-10RE1[20260616-MW-37C]

Perfluoropentanoic acid (PFPeA)

26F2373-10RE1[20260616-MW-37C]

Z-01

Non-extracted internal standard compound recovery <50%. Possible high bias present on associated extracted internal standard recoveries.

Analyte & Samples(s) Qualified:

13C3-PFBA

26F2373-01RE1[20260616-MW-49C]

13C4-PFBA

26F2373-01RE1[20260616-MW-49C]

EPA 8270E SIM

Qualifications:

H3

Sample was received or analysis requested beyond the recognized method holding time.

Analyte & Samples(s) Qualified:

1,4-Dioxane (p-Dioxane)

2489838, 2489839, 26F2373-01[20260616-MW-49C], 26F2373-02[20260616-MW-48D], 26F2373-07[20260616-MW-28D], 26F2373-08[20260616-MW-28C], 26F2373-09[20260616-EW], 26F2373-10[20260616-MW-37C], 26F2373-11[20260616-MW-46C], 26F2373-13[DUP-8270E]

**M1**

Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

Analyte & Samples(s) Qualified:**1,4-Dioxane (p-Dioxane)**

2489838, 2489839, 26F2373-07[20260616-MW-28D]

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:**Naphthalene**

26F2373-01[20260616-MW-49C], 26F2373-02[20260616-MW-48D], 26F2373-03[20260616-MW-29D], 26F2373-04[DUP-8260], 26F2373-06[Trip Blank],
26F2373-07[20260616-MW-28D], 26F2373-08[20260616-MW-28C], 26F2373-09[20260616-EW], 26F2373-10[20260616-MW-37C], 26F2373- 11[20260616-MW-46C],
B431057-BLK1, B431057-BS1, B431057-BSD1, S136641-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:**Carbon Disulfide**

B431057-BS1, B431057-BSD1, S136641-CCV1

The results of analyses reported only relate to samples submitted to Pace Analytical Services, LLC - East Longmeadow, Ma, for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Meghan E. Kelley
Reporting Specialist

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

Project Location: Farmingdale, NY

Sample Description:

Work Order: 26F2373

Date Received: 6/24/2026

Field Sample #: 20260616-MW-49C

Sampled: 6/17/2026 09:16

Sample ID: 26F2373-01

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	6/25/26	6/26/26 16:05	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	6/25/26	6/26/26 16:05	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH

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Project Location: Farmingdale, NY

Sample Description:

Work Order: 26F2373

Date Received: 6/24/2026

Field Sample #: 20260616-MW-49C

Sampled: 6/17/2026 09:16

Sample ID: 26F2373-01

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	6/25/26	6/26/26 16:05	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:05	EEH
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	98.9	70-130							
Toluene-d8	98.3	70-130							
4-Bromofluorobenzene	102	70-130							

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Project Location: Farmingdale, NY

Sample Description:

Work Order: 26F2373

Date Received: 6/24/2026

Field Sample #: 20260616-MW-49C

Sampled: 6/17/2026 09:16

Sample ID: 26F2373-01

Sample Matrix: Ground Water

Sample Flags: H-18

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	13.5	6.04	ng/L	1		EPA 1633A	7/9/26	7/9/26 16:57	AMS
Perfluoropentanoic acid (PFPeA)	8.91	3.02	ng/L	1		EPA 1633A	7/9/26	7/9/26 16:57	AMS
Perfluorohexanoic acid (PFHxA)	2.25	1.51	ng/L	1		EPA 1633A	7/9/26	7/9/26 16:57	AMS
Perfluoroheptanoic acid (PFHpA)	ND	1.51	ng/L	1		EPA 1633A	7/9/26	7/9/26 16:57	AMS
Perfluorooctanoic acid (PFOA)	ND	1.51	ng/L	1		EPA 1633A	7/9/26	7/9/26 16:57	AMS
Perfluorononanoic acid (PFNA)	ND	1.51	ng/L	1		EPA 1633A	7/9/26	7/9/26 16:57	AMS
Perfluorodecanoic acid (PFDA)	ND	1.51	ng/L	1		EPA 1633A	7/9/26	7/9/26 16:57	AMS
Perfluoroundecanoic acid (PFUnA)	ND	1.51	ng/L	1		EPA 1633A	7/9/26	7/9/26 16:57	AMS
Perfluorododecanoic acid (PFDoA)	ND	1.51	ng/L	1		EPA 1633A	7/9/26	7/9/26 16:57	AMS
Perfluorotridecanoic acid (PFTrDA)	ND	1.51	ng/L	1		EPA 1633A	7/9/26	7/9/26 16:57	AMS
Perfluorotetradecanoic acid (PFTeDA)	ND	1.51	ng/L	1		EPA 1633A	7/9/26	7/9/26 16:57	AMS
Perfluorobutanesulfonic acid (PFBS)	ND	1.51	ng/L	1		EPA 1633A	7/9/26	7/9/26 16:57	AMS
Perfluoropentanesulfonic acid (PFPeS)	ND	1.51	ng/L	1		EPA 1633A	7/9/26	7/9/26 16:57	AMS
Perfluorohexanesulfonic acid (PFHxS)	ND	1.51	ng/L	1		EPA 1633A	7/9/26	7/9/26 16:57	AMS
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.51	ng/L	1		EPA 1633A	7/9/26	7/9/26 16:57	AMS
Perfluorooctanesulfonic acid (PFOS)	ND	1.51	ng/L	1		EPA 1633A	7/9/26	7/9/26 16:57	AMS
Perfluorononanesulfonic acid (PFNS)	ND	1.51	ng/L	1		EPA 1633A	7/9/26	7/9/26 16:57	AMS
Perfluorodecanesulfonic acid (PFDS)	ND	1.51	ng/L	1		EPA 1633A	7/9/26	7/9/26 16:57	AMS
Perfluorododecanesulfonic acid (PFDoS)	ND	1.51	ng/L	1		EPA 1633A	7/9/26	7/9/26 16:57	AMS
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	6.04	ng/L	1		EPA 1633A	7/9/26	7/9/26 16:57	AMS
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	6.04	ng/L	1		EPA 1633A	7/9/26	7/9/26 16:57	AMS
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	6.04	ng/L	1		EPA 1633A	7/9/26	7/9/26 16:57	AMS
Perfluorooctanesulfonamide (PFOSA)	ND	1.51	ng/L	1		EPA 1633A	7/9/26	7/9/26 16:57	AMS
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	1.51	ng/L	1		EPA 1633A	7/9/26	7/9/26 16:57	AMS
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	1.51	ng/L	1		EPA 1633A	7/9/26	7/9/26 16:57	AMS
N-MeFOSAA (NMeFOSAA)	ND	1.51	ng/L	1		EPA 1633A	7/9/26	7/9/26 16:57	AMS
N-EtFOSAA (NEtFOSAA)	ND	1.51	ng/L	1		EPA 1633A	7/9/26	7/9/26 16:57	AMS
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	15.1	ng/L	1		EPA 1633A	7/9/26	7/9/26 16:57	AMS
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	15.1	ng/L	1		EPA 1633A	7/9/26	7/9/26 16:57	AMS
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	6.04	ng/L	1		EPA 1633A	7/9/26	7/9/26 16:57	AMS
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	ND	6.04	ng/L	1		EPA 1633A	7/9/26	7/9/26 16:57	AMS
9Cl-PF3ONS	ND	6.04	ng/L	1		EPA 1633A	7/9/26	7/9/26 16:57	AMS
11Cl-PF3OUdS	ND	6.04	ng/L	1		EPA 1633A	7/9/26	7/9/26 16:57	AMS
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	ND	7.55	ng/L	1		EPA 1633A	7/9/26	7/9/26 16:57	AMS
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	ND	37.7	ng/L	1		EPA 1633A	7/9/26	7/9/26 16:57	AMS
3-Perfluoroheptyl propanoic acid (FHPrPA) (7:3FTCA)	ND	37.7	ng/L	1		EPA 1633A	7/9/26	7/9/26 16:57	AMS
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.02	ng/L	1		EPA 1633A	7/9/26	7/9/26 16:57	AMS
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	3.02	ng/L	1		EPA 1633A	7/9/26	7/9/26 16:57	AMS

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Project Location: Farmingdale, NY

Sample Description:

Work Order: 26F2373

Date Received: 6/24/2026

Field Sample #: 20260616-MW-49C

Sampled: 6/17/2026 09:16

Sample ID: 26F2373-01

Sample Matrix: Ground Water

Sample Flags: H-18

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	3.02	ng/L	1		EPA 1633A	7/9/26	7/9/26 16:57	AMS
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	3.02	ng/L	1		EPA 1633A	7/9/26	7/9/26 16:57	AMS
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
13C4-PFBA	76.3	5-130	Z-01						
13C5-PFPeA	98.6	40-130							
13C5-PFHxA	90.7	40-130							
13C4-PFHpA	94.3	40-130							
13C8-PFOA	95.4	40-130							
13C9-PFNA	71.9	40-130							
13C6-PFDA	89.6	40-130							
13C7-PFUnA	85.0	30-130							
13C2-PFDoA	72.6	10-130							
13C2-PFTeDA	64.4	10-130							
13C3-PFBS	75.2	40-135							
13C3-PFHxS	79.1	40-130							
13C8-PFOS	76.7	40-130							
13C2-4:2FTS	88.5	40-200							
13C2-6:2FTS	110	40-200							
13C2-8:2FTS	113	40-300							
13C8-PFOSA	60.7	40-130							
D3-NMeFOSA	48.6	10-130							
D5-NEtFOSA	54.0	10-130							
D3-NMeFOSAA	58.8	40-170							
D5-NEtFOSAA	61.0	25-135							
D7-NMeFOSE	53.1	10-130							
D9-NEtFOSE	60.1	10-130							
13C3-HFPO-DA	92.2	40-130							



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

Project Location: Farmingdale, NY

Sample Description:

Work Order: 26F2373

Date Received: 6/24/2026

Field Sample #: 20260616-MW-49C

Sampled: 6/17/2026 09:16

Sample ID: 26F2373-01

Sample Matrix: Ground Water

8270 Water 14DX by SIM MSSV

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane (p-Dioxane)	ND	0.20	ug/L	1	U, H3	EPA 8270E SIM	7/1/26	7/2/26 16:48	JMD
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,4-Dioxane-d8 (S)	37	22-115						7/2/26 16:48	

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

Project Location: Farmingdale, NY

Sample Description:

Work Order: 26F2373

Date Received: 6/24/2026

Field Sample #: 20260616-MW-48D

Sampled: 6/17/2026 10:54

Sample ID: 26F2373-02

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	6/25/26	6/26/26 16:32	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
1,2-Dichlorobenzene	6.6	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
1,4-Dichlorobenzene	1.2	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	6/25/26	6/26/26 16:32	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH

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

Project Location: Farmingdale, NY

Sample Description:

Work Order: 26F2373

Date Received: 6/24/2026

Field Sample #: 20260616-MW-48D

Sampled: 6/17/2026 10:54

Sample ID: 26F2373-02

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	6/25/26	6/26/26 16:32	EEH
Tetrachloroethylene	14	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
Trichloroethylene	1.6	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:32	EEH
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	99.4	70-130							
Toluene-d8	99.9	70-130							
4-Bromofluorobenzene	92.5	70-130							

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

Project Location: Farmingdale, NY

Sample Description:

Work Order: 26F2373

Date Received: 6/24/2026

Field Sample #: 20260616-MW-48D

Sampled: 6/17/2026 10:54

Sample ID: 26F2373-02

Sample Matrix: Ground Water

Sample Flags: H-18

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	14.8	5.66	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:06	AMS
Perfluoropentanoic acid (PFPeA)	27.6	2.83	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:06	AMS
Perfluorohexanoic acid (PFHxA)	21.1	1.41	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:06	AMS
Perfluoroheptanoic acid (PFHpA)	18.9	1.41	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:06	AMS
Perfluorooctanoic acid (PFOA)	30.7	1.41	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:06	AMS
Perfluorononanoic acid (PFNA)	360	1.41	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:06	AMS
Perfluorodecanoic acid (PFDA)	ND	1.41	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:06	AMS
Perfluoroundecanoic acid (PFUnA)	ND	1.41	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:06	AMS
Perfluorododecanoic acid (PFDoA)	ND	1.41	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:06	AMS
Perfluorotridecanoic acid (PFTrDA)	ND	1.41	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:06	AMS
Perfluorotetradecanoic acid (PFTeDA)	ND	1.41	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:06	AMS
Perfluorobutanesulfonic acid (PFBS)	6.60	1.41	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:06	AMS
Perfluoropentanesulfonic acid (PFPeS)	2.90	1.41	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:06	AMS
Perfluorohexanesulfonic acid (PFHxS)	28.5	1.41	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:06	AMS
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.41	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:06	AMS
Perfluorooctanesulfonic acid (PFOS)	23.9	1.41	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:06	AMS
Perfluorononanesulfonic acid (PFNS)	ND	1.41	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:06	AMS
Perfluorodecanesulfonic acid (PFDS)	ND	1.41	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:06	AMS
Perfluorododecanesulfonic acid (PFDoS)	ND	1.41	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:06	AMS
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	5.66	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:06	AMS
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	5.66	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:06	AMS
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	5.66	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:06	AMS
Perfluorooctanesulfonamide (PFOSA)	ND	1.41	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:06	AMS
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	1.41	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:06	AMS
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	1.41	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:06	AMS
N-MeFOSAA (NMeFOSAA)	ND	1.41	ng/L	1	S-29	EPA 1633A	7/9/26	7/9/26 17:06	AMS
N-EtFOSAA (NEtFOSAA)	ND	1.41	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:06	AMS
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	14.1	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:06	AMS
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	14.1	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:06	AMS
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	5.66	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:06	AMS
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	5.66	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:06	AMS
9Cl-PF3ONS	ND	5.66	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:06	AMS
11Cl-PF3OUdS	ND	5.66	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:06	AMS
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	ND	7.07	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:06	AMS
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	ND	35.4	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:06	AMS
3-Perfluoroheptyl propanoic acid (FHPrPA) (7:3FTCA)	ND	35.4	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:06	AMS
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.83	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:06	AMS
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	2.83	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:06	AMS

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

Project Location: Farmingdale, NY

Sample Description:

Work Order: 26F2373

Date Received: 6/24/2026

Field Sample #: 20260616-MW-48D

Sampled: 6/17/2026 10:54

Sample ID: 26F2373-02

Sample Matrix: Ground Water

Sample Flags: H-18

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	2.83	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:06	AMS
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.83	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:06	AMS
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
13C4-PFBA	74.1	5-130						7/9/26 17:06	
13C5-PFPeA	91.8	40-130						7/9/26 17:06	
13C5-PFHxA	85.0	40-130						7/9/26 17:06	
13C4-PFHpA	94.0	40-130						7/9/26 17:06	
13C8-PFOA	88.0	40-130						7/9/26 17:06	
13C9-PFNA	72.1	40-130						7/9/26 17:06	
13C6-PFDA	73.3	40-130						7/9/26 17:06	
13C7-PFUnA	64.6	30-130						7/9/26 17:06	
13C2-PFDoA	58.9	10-130						7/9/26 17:06	
13C2-PFTeDA	56.1	10-130						7/9/26 17:06	
13C3-PFBS	67.6	40-135						7/9/26 17:06	
13C3-PFHxS	74.3	40-130						7/9/26 17:06	
13C8-PFOS	69.1	40-130						7/9/26 17:06	
13C2-4:2FTS	45.3	40-200						7/9/26 17:06	
13C2-6:2FTS	56.1	40-200						7/9/26 17:06	
13C2-8:2FTS	79.5	40-300						7/9/26 17:06	
13C8-PFOSA	53.8	40-130						7/9/26 17:06	
D3-NMeFOSA	33.1	10-130						7/9/26 17:06	
D5-NEtFOSA	32.4	10-130						7/9/26 17:06	
D3-NMeFOSAA	38.2	*	40-170		S-29			7/9/26 17:06	
D5-NEtFOSAA	41.6	25-135						7/9/26 17:06	
D7-NMeFOSE	43.9	10-130						7/9/26 17:06	
D9-NEtFOSE	39.6	10-130						7/9/26 17:06	
13C3-HFPO-DA	95.8	40-130						7/9/26 17:06	



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

Project Location: Farmingdale, NY

Sample Description:

Work Order: 26F2373

Date Received: 6/24/2026

Field Sample #: 20260616-MW-48D

Sampled: 6/17/2026 10:54

Sample ID: 26F2373-02

Sample Matrix: Ground Water

8270 Water 14DX by SIM MSSV

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane (p-Dioxane)	ND	0.20	ug/L	1	U, H3	EPA 8270E SIM	7/1/26	7/2/26 17:06	JMD
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,4-Dioxane-d8 (S)	35	22-115						7/2/26 17:06	

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

Project Location: Farmingdale, NY

Sample Description:

Work Order: 26F2373

Date Received: 6/24/2026

Field Sample #: 20260616-MW-29D

Sampled: 6/17/2026 12:32

Sample ID: 26F2373-03

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	6/25/26	6/26/26 16:58	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	6/25/26	6/26/26 16:58	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH

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

Project Location: Farmingdale, NY

Sample Description:

Work Order: 26F2373

Date Received: 6/24/2026

Field Sample #: 20260616-MW-29D

Sampled: 6/17/2026 12:32

Sample ID: 26F2373-03

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	6/25/26	6/26/26 16:58	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 16:58	EEH
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	92.4	70-130							
Toluene-d8	102	70-130							
4-Bromofluorobenzene	87.8	70-130							

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

Project Location: Farmingdale, NY

Sample Description:

Work Order: 26F2373

Date Received: 6/24/2026

Field Sample #: DUP-8260

Sampled: 6/17/2026 00:00

Sample ID: 26F2373-04

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	6/25/26	6/26/26 17:25	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	6/25/26	6/26/26 17:25	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH

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

Project Location: Farmingdale, NY

Sample Description:

Work Order: 26F2373

Date Received: 6/24/2026

Field Sample #: DUP-8260

Sampled: 6/17/2026 00:00

Sample ID: 26F2373-04

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	6/25/26	6/26/26 17:25	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:25	EEH
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	99.7	70-130							
Toluene-d8	98.9	70-130							
4-Bromofluorobenzene	97.8	70-130							

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

Project Location: Farmingdale, NY

Sample Description:

Work Order: 26F2373

Date Received: 6/24/2026

Field Sample #: Equipment Blank

Sampled: 6/17/2026 00:00

Sample ID: 26F2373-05

Sample Matrix: Equipment Blank Water

Sample Flags: D-04, H-18

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	ND	10.8	ng/L	1	L-01	EPA 1633A	7/8/26	7/8/26 23:50	CML
Perfluoropentanoic acid (PFPeA)	ND	5.38	ng/L	1	L-01	EPA 1633A	7/8/26	7/8/26 23:50	CML
Perfluorohexanoic acid (PFHxA)	ND	2.69	ng/L	1	L-01	EPA 1633A	7/8/26	7/8/26 23:50	CML
Perfluoroheptanoic acid (PFHpA)	ND	2.69	ng/L	1	L-01	EPA 1633A	7/8/26	7/8/26 23:50	CML
Perfluorooctanoic acid (PFOA)	ND	2.69	ng/L	1	L-01	EPA 1633A	7/8/26	7/8/26 23:50	CML
Perfluorononanoic acid (PFNA)	ND	2.69	ng/L	1	L-01	EPA 1633A	7/8/26	7/8/26 23:50	CML
Perfluorodecanoic acid (PFDA)	ND	2.69	ng/L	1	L-01	EPA 1633A	7/8/26	7/8/26 23:50	CML
Perfluoroundecanoic acid (PFUnA)	ND	2.69	ng/L	1	L-01	EPA 1633A	7/8/26	7/8/26 23:50	CML
Perfluorododecanoic acid (PFDoA)	ND	2.69	ng/L	1	L-01	EPA 1633A	7/8/26	7/8/26 23:50	CML
Perfluorotridecanoic acid (PFTrDA)	ND	2.69	ng/L	1	L-01	EPA 1633A	7/8/26	7/8/26 23:50	CML
Perfluorotetradecanoic acid (PFTeDA)	ND	2.69	ng/L	1	L-01	EPA 1633A	7/8/26	7/8/26 23:50	CML
Perfluorobutanesulfonic acid (PFBS)	ND	2.69	ng/L	1	L-01	EPA 1633A	7/8/26	7/8/26 23:50	CML
Perfluoropentanesulfonic acid (PFPeS)	ND	2.69	ng/L	1	L-01	EPA 1633A	7/8/26	7/8/26 23:50	CML
Perfluorohexanesulfonic acid (PFHxS)	ND	2.69	ng/L	1	L-01	EPA 1633A	7/8/26	7/8/26 23:50	CML
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.69	ng/L	1	L-01	EPA 1633A	7/8/26	7/8/26 23:50	CML
Perfluorooctanesulfonic acid (PFOS)	ND	2.69	ng/L	1	L-01	EPA 1633A	7/8/26	7/8/26 23:50	CML
Perfluorononanesulfonic acid (PFNS)	ND	2.69	ng/L	1	L-01	EPA 1633A	7/8/26	7/8/26 23:50	CML
Perfluorodecanesulfonic acid (PFDS)	ND	2.69	ng/L	1	L-01	EPA 1633A	7/8/26	7/8/26 23:50	CML
Perfluorododecanesulfonic acid (PFDoS)	ND	2.69	ng/L	1	L-01	EPA 1633A	7/8/26	7/8/26 23:50	CML
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	10.8	ng/L	1	L-01	EPA 1633A	7/8/26	7/8/26 23:50	CML
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	10.8	ng/L	1	L-01	EPA 1633A	7/8/26	7/8/26 23:50	CML
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	10.8	ng/L	1	L-01	EPA 1633A	7/8/26	7/8/26 23:50	CML
Perfluorooctanesulfonamide (PFOSA)	ND	2.69	ng/L	1	L-01	EPA 1633A	7/8/26	7/8/26 23:50	CML
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	2.69	ng/L	1	L-01	EPA 1633A	7/8/26	7/8/26 23:50	CML
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	2.69	ng/L	1	L-01	EPA 1633A	7/8/26	7/8/26 23:50	CML
N-MeFOSAA (NMeFOSAA)	ND	2.69	ng/L	1	L-01	EPA 1633A	7/8/26	7/8/26 23:50	CML
N-EtFOSAA (NEtFOSAA)	ND	2.69	ng/L	1	L-01	EPA 1633A	7/8/26	7/8/26 23:50	CML
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	26.9	ng/L	1	L-01	EPA 1633A	7/8/26	7/8/26 23:50	CML
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	26.9	ng/L	1	L-01	EPA 1633A	7/8/26	7/8/26 23:50	CML
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	10.8	ng/L	1	L-01	EPA 1633A	7/8/26	7/8/26 23:50	CML
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	ND	10.8	ng/L	1	L-01	EPA 1633A	7/8/26	7/8/26 23:50	CML
9Cl-PF3ONS	ND	10.8	ng/L	1	L-01	EPA 1633A	7/8/26	7/8/26 23:50	CML
11Cl-PF3OUdS	ND	10.8	ng/L	1	L-01	EPA 1633A	7/8/26	7/8/26 23:50	CML
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	ND	13.4	ng/L	1	L-01	EPA 1633A	7/8/26	7/8/26 23:50	CML
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	ND	67.2	ng/L	1	L-01	EPA 1633A	7/8/26	7/8/26 23:50	CML
3-Perfluoroheptyl propanoic acid (FHPrPA) (7:3FTCA)	ND	67.2	ng/L	1	L-01	EPA 1633A	7/8/26	7/8/26 23:50	CML
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	5.38	ng/L	1	L-01	EPA 1633A	7/8/26	7/8/26 23:50	CML
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	5.38	ng/L	1	L-01	EPA 1633A	7/8/26	7/8/26 23:50	CML

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

Project Location: Farmingdale, NY

Sample Description:

Work Order: 26F2373

Date Received: 6/24/2026

Field Sample #: Equipment Blank

Sampled: 6/17/2026 00:00

Sample ID: 26F2373-05

Sample Matrix: Equipment Blank Water

Sample Flags: D-04, H-18

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	5.38	ng/L	1	L-01	EPA 1633A	7/8/26	7/8/26 23:50	CML
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	5.38	ng/L	1	L-01	EPA 1633A	7/8/26	7/8/26 23:50	CML
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
13C4-PFBA	59.2	5-130						7/8/26 23:50	
13C5-PFPeA	74.5	40-130						7/8/26 23:50	
13C5-PFHxA	70.1	40-130						7/8/26 23:50	
13C4-PFHpA	68.2	40-130						7/8/26 23:50	
13C8-PFOA	66.5	40-130						7/8/26 23:50	
13C9-PFNA	62.9	40-130						7/8/26 23:50	
13C6-PFDA	66.5	40-130						7/8/26 23:50	
13C7-PFUnA	59.9	30-130						7/8/26 23:50	
13C2-PFDoA	62.3	10-130						7/8/26 23:50	
13C2-PFTeDA	56.3	10-130						7/8/26 23:50	
13C3-PFBS	59.5	40-135						7/8/26 23:50	
13C3-PFHxS	59.1	40-130						7/8/26 23:50	
13C8-PFOS	61.5	40-130						7/8/26 23:50	
13C2-4:2FTS	58.8	40-200						7/8/26 23:50	
13C2-6:2FTS	54.7	40-200						7/8/26 23:50	
13C2-8:2FTS	74.3	40-300						7/8/26 23:50	
13C8-PFOSA	52.1	40-130						7/8/26 23:50	
D3-NMeFOSA	38.5	10-130						7/8/26 23:50	
D5-NEtFOSA	39.2	10-130						7/8/26 23:50	
D3-NMeFOSAA	47.8	40-170						7/8/26 23:50	
D5-NEtFOSAA	46.2	25-135						7/8/26 23:50	
D7-NMeFOSE	50.9	10-130						7/8/26 23:50	
D9-NEtFOSE	49.8	10-130						7/8/26 23:50	
13C3-HFPO-DA	74.7	40-130						7/8/26 23:50	

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Project Location: Farmingdale, NY

Sample Description:

Work Order: 26F2373

Date Received: 6/24/2026

Field Sample #: Trip Blank

Sampled: 6/17/2026 00:00

Sample ID: 26F2373-06

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	6/25/26	6/26/26 14:19	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	6/25/26	6/26/26 14:19	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH

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

Project Location: Farmingdale, NY

Sample Description:

Work Order: 26F2373

Date Received: 6/24/2026

Field Sample #: Trip Blank

Sampled: 6/17/2026 00:00

Sample ID: 26F2373-06

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	6/25/26	6/26/26 14:19	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 14:19	EEH
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	99.4	70-130						6/26/26 14:19	
Toluene-d8	99.6	70-130						6/26/26 14:19	
4-Bromofluorobenzene	96.0	70-130						6/26/26 14:19	

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Project Location: Farmingdale, NY

Sample Description:

Work Order: 26F2373

Date Received: 6/24/2026

Field Sample #: 20260616-MW-28D

Sampled: 6/16/2026 16:05

Sample ID: 26F2373-07

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	6/25/26	6/26/26 17:51	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
cis-1,2-Dichloroethylene	1.5	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	6/25/26	6/26/26 17:51	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH

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Project Location: Farmingdale, NY

Sample Description:

Work Order: 26F2373

Date Received: 6/24/2026

Field Sample #: 20260616-MW-28D

Sampled: 6/16/2026 16:05

Sample ID: 26F2373-07

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	6/25/26	6/26/26 17:51	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 17:51	EEH
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	98.2	70-130							
Toluene-d8	97.8	70-130							
4-Bromofluorobenzene	87.2	70-130							

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Project Location: Farmingdale, NY

Sample Description:

Work Order: 26F2373

Date Received: 6/24/2026

Field Sample #: 20260616-MW-28D

Sampled: 6/16/2026 16:05

Sample ID: 26F2373-07

Sample Matrix: Ground Water

Sample Flags: H-18

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	40.2	5.93	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:15	AMS
Perfluoropentanoic acid (PFPeA)	132	2.97	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:15	AMS
Perfluorohexanoic acid (PFHxA)	90.3	1.48	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:15	AMS
Perfluoroheptanoic acid (PFHpA)	40.4	1.48	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:15	AMS
Perfluorooctanoic acid (PFOA)	6.33	1.48	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:15	AMS
Perfluorononanoic acid (PFNA)	2.28	1.48	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:15	AMS
Perfluorodecanoic acid (PFDA)	1.74	1.48	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:15	AMS
Perfluoroundecanoic acid (PFUnA)	ND	1.48	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:15	AMS
Perfluorododecanoic acid (PFDoA)	ND	1.48	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:15	AMS
Perfluorotridecanoic acid (PFTrDA)	ND	1.48	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:15	AMS
Perfluorotetradecanoic acid (PFTeDA)	ND	1.48	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:15	AMS
Perfluorobutanesulfonic acid (PFBS)	4.02	1.48	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:15	AMS
Perfluoropentanesulfonic acid (PFPeS)	ND	1.48	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:15	AMS
Perfluorohexanesulfonic acid (PFHxS)	1.62	1.48	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:15	AMS
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.48	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:15	AMS
Perfluorooctanesulfonic acid (PFOS)	1.80	1.48	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:15	AMS
Perfluorononanesulfonic acid (PFNS)	ND	1.48	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:15	AMS
Perfluorodecanesulfonic acid (PFDS)	ND	1.48	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:15	AMS
Perfluorododecanesulfonic acid (PFDoS)	ND	1.48	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:15	AMS
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	5.93	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:15	AMS
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	5.93	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:15	AMS
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	5.93	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:15	AMS
Perfluorooctanesulfonamide (PFOSA)	ND	1.48	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:15	AMS
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	1.48	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:15	AMS
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	1.48	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:15	AMS
N-MeFOSAA (NMeFOSAA)	ND	1.48	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:15	AMS
N-EtFOSAA (NEtFOSAA)	ND	1.48	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:15	AMS
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	14.8	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:15	AMS
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	14.8	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:15	AMS
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	5.93	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:15	AMS
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	5.93	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:15	AMS
9Cl-PF3ONS	ND	5.93	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:15	AMS
11Cl-PF3OUdS	ND	5.93	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:15	AMS
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	ND	7.42	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:15	AMS
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	ND	37.1	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:15	AMS
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	ND	37.1	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:15	AMS
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.97	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:15	AMS
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	2.97	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:15	AMS

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

Project Location: Farmingdale, NY

Sample Description:

Work Order: 26F2373

Date Received: 6/24/2026

Field Sample #: 20260616-MW-28D

Sampled: 6/16/2026 16:05

Sample ID: 26F2373-07

Sample Matrix: Ground Water

Sample Flags: H-18

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	2.97	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:15	AMS
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.97	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:15	AMS
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
13C4-PFBA	75.3	5-130						7/9/26 17:15	
13C5-PFPeA	85.0	40-130						7/9/26 17:15	
13C5-PFHxA	90.3	40-130						7/9/26 17:15	
13C4-PFHpA	93.8	40-130						7/9/26 17:15	
13C8-PFOA	90.9	40-130						7/9/26 17:15	
13C9-PFNA	75.0	40-130						7/9/26 17:15	
13C6-PFDA	84.9	40-130						7/9/26 17:15	
13C7-PFUnA	78.5	30-130						7/9/26 17:15	
13C2-PFDoA	71.0	10-130						7/9/26 17:15	
13C2-PFTeDA	66.6	10-130						7/9/26 17:15	
13C3-PFBS	70.8	40-135						7/9/26 17:15	
13C3-PFHxS	75.6	40-130						7/9/26 17:15	
13C8-PFOS	73.8	40-130						7/9/26 17:15	
13C2-4:2FTS	107	40-200						7/9/26 17:15	
13C2-6:2FTS	96.6	40-200						7/9/26 17:15	
13C2-8:2FTS	109	40-300						7/9/26 17:15	
13C8-PFOSA	68.1	40-130						7/9/26 17:15	
D3-NMeFOSA	39.5	10-130						7/9/26 17:15	
D5-NEtFOSA	40.4	10-130						7/9/26 17:15	
D3-NMeFOSAA	65.3	40-170						7/9/26 17:15	
D5-NEtFOSAA	59.6	25-135						7/9/26 17:15	
D7-NMeFOSE	50.5	10-130						7/9/26 17:15	
D9-NEtFOSE	44.8	10-130						7/9/26 17:15	
13C3-HFPO-DA	91.1	40-130						7/9/26 17:15	



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Project Location: Farmingdale, NY

Sample Description:

Work Order: 26F2373

Date Received: 6/24/2026

Field Sample #: 20260616-MW-28D

Sampled: 6/16/2026 16:05

Sample ID: 26F2373-07

Sample Matrix: Ground Water

8270 Water 14DX by SIM MSSV

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane (p-Dioxane)	ND	0.20	ug/L	1	U, H3, M1	EPA 8270E SIM	7/1/26	7/2/26 17:24	JMD
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,4-Dioxane-d8 (S)	33	22-115						7/2/26 17:24	

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

Project Location: Farmingdale, NY

Sample Description:

Work Order: 26F2373

Date Received: 6/24/2026

Field Sample #: 20260616-MW-28C

Sampled: 6/16/2026 15:05

Sample ID: 26F2373-08

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	6/25/26	6/26/26 18:18	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
Methyl tert-Butyl Ether (MTBE)	2.0	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	6/25/26	6/26/26 18:18	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH

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

Project Location: Farmingdale, NY

Sample Description:

Work Order: 26F2373

Date Received: 6/24/2026

Field Sample #: 20260616-MW-28C

Sampled: 6/16/2026 15:05

Sample ID: 26F2373-08

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	6/25/26	6/26/26 18:18	EEH
Tetrachloroethylene	11	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
Trichloroethylene	1.2	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:18	EEH
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	91.2	70-130							
Toluene-d8	98.1	70-130							
4-Bromofluorobenzene	95.0	70-130							

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

Project Location: Farmingdale, NY

Sample Description:

Work Order: 26F2373

Date Received: 6/24/2026

Field Sample #: 20260616-MW-28C

Sampled: 6/16/2026 15:05

Sample ID: 26F2373-08

Sample Matrix: Ground Water

Sample Flags: H-18

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	9.96	5.94	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:25	AMS
Perfluoropentanoic acid (PFPeA)	14.4	2.97	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:25	AMS
Perfluorohexanoic acid (PFHxA)	10.3	1.49	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:25	AMS
Perfluoroheptanoic acid (PFHpA)	4.13	1.49	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:25	AMS
Perfluorooctanoic acid (PFOA)	6.80	1.49	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:25	AMS
Perfluorononanoic acid (PFNA)	ND	1.49	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:25	AMS
Perfluorodecanoic acid (PFDA)	ND	1.49	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:25	AMS
Perfluoroundecanoic acid (PFUnA)	ND	1.49	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:25	AMS
Perfluorododecanoic acid (PFDoA)	ND	1.49	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:25	AMS
Perfluorotridecanoic acid (PFTrDA)	ND	1.49	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:25	AMS
Perfluorotetradecanoic acid (PFTeDA)	ND	1.49	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:25	AMS
Perfluorobutanesulfonic acid (PFBS)	ND	1.49	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:25	AMS
Perfluoropentanesulfonic acid (PFPeS)	ND	1.49	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:25	AMS
Perfluorohexanesulfonic acid (PFHxS)	2.29	1.49	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:25	AMS
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.49	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:25	AMS
Perfluorooctanesulfonic acid (PFOS)	4.42	1.49	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:25	AMS
Perfluorononanesulfonic acid (PFNS)	ND	1.49	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:25	AMS
Perfluorodecanesulfonic acid (PFDS)	ND	1.49	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:25	AMS
Perfluorododecanesulfonic acid (PFDoS)	ND	1.49	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:25	AMS
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	5.94	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:25	AMS
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	5.94	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:25	AMS
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	5.94	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:25	AMS
Perfluorooctanesulfonamide (PFOSA)	ND	1.49	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:25	AMS
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	1.49	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:25	AMS
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	1.49	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:25	AMS
N-MeFOSAA (NMeFOSAA)	ND	1.49	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:25	AMS
N-EtFOSAA (NEtFOSAA)	ND	1.49	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:25	AMS
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	14.9	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:25	AMS
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	14.9	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:25	AMS
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	5.94	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:25	AMS
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	5.94	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:25	AMS
9Cl-PF3ONS	ND	5.94	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:25	AMS
11Cl-PF3OUdS	ND	5.94	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:25	AMS
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	ND	7.43	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:25	AMS
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	ND	37.1	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:25	AMS
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	ND	37.1	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:25	AMS
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.97	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:25	AMS
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	2.97	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:25	AMS

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

Project Location: Farmingdale, NY

Sample Description:

Work Order: 26F2373

Date Received: 6/24/2026

Field Sample #: 20260616-MW-28C

Sampled: 6/16/2026 15:05

Sample ID: 26F2373-08

Sample Matrix: Ground Water

Sample Flags: H-18

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	2.97	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:25	AMS
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.97	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:25	AMS
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
13C4-PFBA	75.1	5-130						7/9/26 17:25	
13C5-PFPeA	89.2	40-130						7/9/26 17:25	
13C5-PFHxA	91.2	40-130						7/9/26 17:25	
13C4-PFHpA	91.8	40-130						7/9/26 17:25	
13C8-PFOA	91.1	40-130						7/9/26 17:25	
13C9-PFNA	72.0	40-130						7/9/26 17:25	
13C6-PFDA	82.3	40-130						7/9/26 17:25	
13C7-PFUnA	71.3	30-130						7/9/26 17:25	
13C2-PFDoA	59.4	10-130						7/9/26 17:25	
13C2-PFTeDA	61.9	10-130						7/9/26 17:25	
13C3-PFBS	72.8	40-135						7/9/26 17:25	
13C3-PFHxS	72.0	40-130						7/9/26 17:25	
13C8-PFOS	72.4	40-130						7/9/26 17:25	
13C2-4:2FTS	68.1	40-200						7/9/26 17:25	
13C2-6:2FTS	69.0	40-200						7/9/26 17:25	
13C2-8:2FTS	100	40-300						7/9/26 17:25	
13C8-PFOSA	63.4	40-130						7/9/26 17:25	
D3-NMeFOSA	34.4	10-130						7/9/26 17:25	
D5-NEtFOSA	32.1	10-130						7/9/26 17:25	
D3-NMeFOSAA	52.9	40-170						7/9/26 17:25	
D5-NEtFOSAA	61.4	25-135						7/9/26 17:25	
D7-NMeFOSE	44.6	10-130						7/9/26 17:25	
D9-NEtFOSE	41.4	10-130						7/9/26 17:25	
13C3-HFPO-DA	90.7	40-130						7/9/26 17:25	



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Project Location: Farmingdale, NY

Sample Description:

Work Order: 26F2373

Date Received: 6/24/2026

Field Sample #: 20260616-MW-28C

Sampled: 6/16/2026 15:05

Sample ID: 26F2373-08

Sample Matrix: Ground Water

8270 Water 14DX by SIM MSSV

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane (p-Dioxane)	0.64	0.20	ug/L	1	H3	EPA 8270E SIM	7/1/26	7/2/26 18:19	JMD
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,4-Dioxane-d8 (S)	31	22-115						7/2/26 18:19	

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

Project Location: Farmingdale, NY

Sample Description:

Work Order: 26F2373

Date Received: 6/24/2026

Field Sample #: 20260616-EW

Sampled: 6/17/2026 10:07

Sample ID: 26F2373-09

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	6/25/26	6/26/26 18:44	EEH
Benzene	5.0	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
1,1-Dichloroethane	1.3	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
Methyl tert-Butyl Ether (MTBE)	50	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	6/25/26	6/26/26 18:44	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH

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

Project Location: Farmingdale, NY

Sample Description:

Work Order: 26F2373

Date Received: 6/24/2026

Field Sample #: 20260616-EW

Sampled: 6/17/2026 10:07

Sample ID: 26F2373-09

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	6/25/26	6/26/26 18:44	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 18:44	EEH
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	89.3	70-130							
Toluene-d8	97.3	70-130							
4-Bromofluorobenzene	99.6	70-130							

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

Project Location: Farmingdale, NY

Sample Description:

Work Order: 26F2373

Date Received: 6/24/2026

Field Sample #: 20260616-EW

Sampled: 6/17/2026 10:07

Sample ID: 26F2373-09

Sample Matrix: Ground Water

Sample Flags: H-18

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	48.0	5.88	ng/L	1	S-29	EPA 1633A	7/9/26	7/9/26 17:34	AMS
Perfluoropentanoic acid (PFPeA)	33.0	2.94	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:34	AMS
Perfluorohexanoic acid (PFHxA)	16.3	1.47	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:34	AMS
Perfluoroheptanoic acid (PFHpA)	8.20	1.47	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:34	AMS
Perfluorooctanoic acid (PFOA)	14.6	1.47	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:34	AMS
Perfluorononanoic acid (PFNA)	ND	1.47	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:34	AMS
Perfluorodecanoic acid (PFDA)	ND	1.47	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:34	AMS
Perfluoroundecanoic acid (PFUnA)	ND	1.47	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:34	AMS
Perfluorododecanoic acid (PFDoA)	ND	1.47	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:34	AMS
Perfluorotridecanoic acid (PFTrDA)	ND	1.47	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:34	AMS
Perfluorotetradecanoic acid (PFTeDA)	ND	1.47	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:34	AMS
Perfluorobutanesulfonic acid (PFBS)	2.96	1.47	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:34	AMS
Perfluoropentanesulfonic acid (PFPeS)	ND	1.47	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:34	AMS
Perfluorohexanesulfonic acid (PFHxS)	5.36	1.47	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:34	AMS
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.47	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:34	AMS
Perfluorooctanesulfonic acid (PFOS)	4.59	1.47	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:34	AMS
Perfluorononanesulfonic acid (PFNS)	ND	1.47	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:34	AMS
Perfluorodecanesulfonic acid (PFDS)	ND	1.47	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:34	AMS
Perfluorododecanesulfonic acid (PFDoS)	ND	1.47	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:34	AMS
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	5.88	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:34	AMS
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	7.97	5.88	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:34	AMS
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	5.88	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:34	AMS
Perfluorooctanesulfonamide (PFOSA)	ND	1.47	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:34	AMS
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	1.47	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:34	AMS
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	1.47	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:34	AMS
N-MeFOSAA (NMeFOSAA)	ND	1.47	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:34	AMS
N-EtFOSAA (NEtFOSAA)	ND	1.47	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:34	AMS
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	14.7	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:34	AMS
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	14.7	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:34	AMS
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	5.88	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:34	AMS
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	5.88	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:34	AMS
9Cl-PF3ONS	ND	5.88	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:34	AMS
11Cl-PF3OUdS	ND	5.88	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:34	AMS
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	ND	7.35	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:34	AMS
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	ND	36.7	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:34	AMS
3-Perfluoroheptyl propanoic acid (FHPrPA) (7:3FTCA)	ND	36.7	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:34	AMS
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.94	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:34	AMS
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	2.94	ng/L	1	S-29	EPA 1633A	7/9/26	7/9/26 17:34	AMS

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

Project Location: Farmingdale, NY

Sample Description:

Work Order: 26F2373

Date Received: 6/24/2026

Field Sample #: 20260616-EW

Sampled: 6/17/2026 10:07

Sample ID: 26F2373-09

Sample Matrix: Ground Water

Sample Flags: H-18

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	2.94	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:34	AMS
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.94	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:34	AMS
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
13C4-PFBA	4.07	*	5-130		S-29		7/9/26	17:34	
13C5-PFPeA	47.9		40-130				7/9/26	17:34	
13C5-PFHxA	92.6		40-130				7/9/26	17:34	
13C4-PFHpA	102		40-130				7/9/26	17:34	
13C8-PFOA	91.9		40-130				7/9/26	17:34	
13C9-PFNA	83.5		40-130				7/9/26	17:34	
13C6-PFDA	101		40-130				7/9/26	17:34	
13C7-PFUnA	92.1		30-130				7/9/26	17:34	
13C2-PFDoA	86.5		10-130				7/9/26	17:34	
13C2-PFTeDA	60.4		10-130				7/9/26	17:34	
13C3-PFBS	71.4		40-135				7/9/26	17:34	
13C3-PFHxS	79.0		40-130				7/9/26	17:34	
13C8-PFOS	80.6		40-130				7/9/26	17:34	
13C2-4:2FTS	106		40-200				7/9/26	17:34	
13C2-6:2FTS	121		40-200				7/9/26	17:34	
13C2-8:2FTS	138		40-300				7/9/26	17:34	
13C8-PFOSA	77.2		40-130				7/9/26	17:34	
D3-NMeFOSA	65.8		10-130				7/9/26	17:34	
D5-NEtFOSA	58.0		10-130				7/9/26	17:34	
D3-NMeFOSAA	78.2		40-170				7/9/26	17:34	
D5-NEtFOSAA	76.2		25-135				7/9/26	17:34	
D7-NMeFOSE	47.1		10-130				7/9/26	17:34	
D9-NEtFOSE	32.9		10-130				7/9/26	17:34	
13C3-HFPO-DA	94.9		40-130				7/9/26	17:34	



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

Project Location: Farmingdale, NY

Sample Description:

Work Order: 26F2373

Date Received: 6/24/2026

Field Sample #: 20260616-EW

Sampled: 6/17/2026 10:07

Sample ID: 26F2373-09

Sample Matrix: Ground Water

8270 Water 14DX by SIM MSSV

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane (p-Dioxane)	ND	0.20	ug/L	1	U, H3	EPA 8270E SIM	7/1/26	7/2/26 18:37	JMD
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,4-Dioxane-d8 (S)	32	22-115						7/2/26 18:37	

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

Project Location: Farmingdale, NY

Sample Description:

Work Order: 26F2373

Date Received: 6/24/2026

Field Sample #: 20260616-MW-37C

Sampled: 6/17/2026 11:05

Sample ID: 26F2373-10

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	6/25/26	6/26/26 19:11	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	6/25/26	6/26/26 19:11	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH

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

Project Location: Farmingdale, NY

Sample Description:

Work Order: 26F2373

Date Received: 6/24/2026

Field Sample #: 20260616-MW-37C

Sampled: 6/17/2026 11:05

Sample ID: 26F2373-10

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	6/25/26	6/26/26 19:11	EEH
Tetrachloroethylene	3.8	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
Toluene	1.2	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:11	EEH
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	89.5	70-130						6/26/26 19:11	
Toluene-d8	99.3	70-130						6/26/26 19:11	
4-Bromofluorobenzene	92.1	70-130						6/26/26 19:11	

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

Project Location: Farmingdale, NY

Sample Description:

Work Order: 26F2373

Date Received: 6/24/2026

Field Sample #: 20260616-MW-37C

Sampled: 6/17/2026 11:05

Sample ID: 26F2373-10

Sample Matrix: Ground Water

Sample Flags: H-18

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	219	6.40	ng/L	1	S-29	EPA 1633A	7/9/26	7/9/26 17:43	AMS
Perfluoropentanoic acid (PFPeA)	ND	3.20	ng/L	1	S-29	EPA 1633A	7/9/26	7/9/26 17:43	AMS
Perfluorohexanoic acid (PFHxA)	1.60	1.60	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:43	AMS
Perfluoroheptanoic acid (PFHpA)	ND	1.60	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:43	AMS
Perfluorooctanoic acid (PFOA)	ND	1.60	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:43	AMS
Perfluorononanoic acid (PFNA)	ND	1.60	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:43	AMS
Perfluorodecanoic acid (PFDA)	ND	1.60	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:43	AMS
Perfluoroundecanoic acid (PFUnA)	ND	1.60	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:43	AMS
Perfluorododecanoic acid (PFDoA)	ND	1.60	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:43	AMS
Perfluorotridecanoic acid (PFTrDA)	ND	1.60	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:43	AMS
Perfluorotetradecanoic acid (PFTeDA)	ND	1.60	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:43	AMS
Perfluorobutanesulfonic acid (PFBS)	ND	1.60	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:43	AMS
Perfluoropentanesulfonic acid (PFPeS)	ND	1.60	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:43	AMS
Perfluorohexanesulfonic acid (PFHxS)	ND	1.60	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:43	AMS
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.60	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:43	AMS
Perfluorooctanesulfonic acid (PFOS)	ND	1.60	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:43	AMS
Perfluorononanesulfonic acid (PFNS)	ND	1.60	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:43	AMS
Perfluorodecanesulfonic acid (PFDS)	ND	1.60	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:43	AMS
Perfluorododecanesulfonic acid (PFDoS)	ND	1.60	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:43	AMS
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	6.40	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:43	AMS
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	6.40	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:43	AMS
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	6.40	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:43	AMS
Perfluorooctanesulfonamide (PFOSA)	ND	1.60	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:43	AMS
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	1.60	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:43	AMS
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	1.60	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:43	AMS
N-MeFOSAA (NMeFOSAA)	ND	1.60	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:43	AMS
N-EtFOSAA (NEtFOSAA)	ND	1.60	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:43	AMS
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	16.0	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:43	AMS
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	16.0	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:43	AMS
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	6.40	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:43	AMS
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	6.40	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:43	AMS
9Cl-PF3ONS	ND	6.40	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:43	AMS
11Cl-PF3OUdS	ND	6.40	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:43	AMS
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	ND	8.00	ng/L	1	S-29	EPA 1633A	7/9/26	7/9/26 17:43	AMS
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	ND	40.0	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:43	AMS
3-Perfluoroheptyl propanoic acid (FHPrPA) (7:3FTCA)	ND	40.0	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:43	AMS
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.20	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:43	AMS
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	3.20	ng/L	1	S-29	EPA 1633A	7/9/26	7/9/26 17:43	AMS

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

Project Location: Farmingdale, NY

Sample Description:

Work Order: 26F2373

Date Received: 6/24/2026

Field Sample #: 20260616-MW-37C

Sampled: 6/17/2026 11:05

Sample ID: 26F2373-10

Sample Matrix: Ground Water

Sample Flags: H-18

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	3.20	ng/L	1	S-29	EPA 1633A	7/9/26	7/9/26 17:43	AMS
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	3.20	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:43	AMS
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
13C4-PFBA	2.27	*	5-130		S-29		7/9/26	17:43	
13C5-PFPeA	19.3	*	40-130		S-29		7/9/26	17:43	
13C5-PFHxA	84.7		40-130				7/9/26	17:43	
13C4-PFHpA	97.1		40-130				7/9/26	17:43	
13C8-PFOA	97.5		40-130				7/9/26	17:43	
13C9-PFNA	76.5		40-130				7/9/26	17:43	
13C6-PFDA	96.1		40-130				7/9/26	17:43	
13C7-PFUnA	88.3		30-130				7/9/26	17:43	
13C2-PFDoA	77.9		10-130				7/9/26	17:43	
13C2-PFTeDA	66.0		10-130				7/9/26	17:43	
13C3-PFBS	60.2		40-135				7/9/26	17:43	
13C3-PFHxS	78.7		40-130				7/9/26	17:43	
13C8-PFOS	74.0		40-130				7/9/26	17:43	
13C2-4:2FTS	67.8		40-200				7/9/26	17:43	
13C2-6:2FTS	86.3		40-200				7/9/26	17:43	
13C2-8:2FTS	108		40-300				7/9/26	17:43	
13C8-PFOSA	69.9		40-130				7/9/26	17:43	
D3-NMeFOSA	63.4		10-130				7/9/26	17:43	
D5-NEtFOSA	59.9		10-130				7/9/26	17:43	
D3-NMeFOSAA	59.8		40-170				7/9/26	17:43	
D5-NEtFOSAA	60.0		25-135				7/9/26	17:43	
D7-NMeFOSE	44.4		10-130				7/9/26	17:43	
D9-NEtFOSE	41.3		10-130				7/9/26	17:43	
13C3-HFPO-DA	86.8		40-130				7/9/26	17:43	



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

Project Location: Farmingdale, NY

Sample Description:

Work Order: 26F2373

Date Received: 6/24/2026

Field Sample #: 20260616-MW-37C

Sampled: 6/17/2026 11:05

Sample ID: 26F2373-10

Sample Matrix: Ground Water

8270 Water 14DX by SIM MSSV

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane (p-Dioxane)	ND	0.20	ug/L	1	U, H3	EPA 8270E SIM	7/1/26	7/2/26 18:55	JMD
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,4-Dioxane-d8 (S)	34	22-115						7/2/26 18:55	

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

Project Location: Farmingdale, NY

Sample Description:

Work Order: 26F2373

Date Received: 6/24/2026

Field Sample #: 20260616-MW-46C

Sampled: 6/17/2026 12:52

Sample ID: 26F2373-11

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	6/25/26	6/26/26 19:37	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	6/25/26	6/26/26 19:37	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH

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

Project Location: Farmingdale, NY

Sample Description:

Work Order: 26F2373

Date Received: 6/24/2026

Field Sample #: 20260616-MW-46C

Sampled: 6/17/2026 12:52

Sample ID: 26F2373-11

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	6/25/26	6/26/26 19:37	EEH
Tetrachloroethylene	1.1	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/25/26	6/26/26 19:37	EEH
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	92.8	70-130						6/26/26 19:37	
Toluene-d8	97.9	70-130						6/26/26 19:37	
4-Bromofluorobenzene	86.3	70-130						6/26/26 19:37	

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Project Location: Farmingdale, NY

Sample Description:

Work Order: 26F2373

Date Received: 6/24/2026

Field Sample #: 20260616-MW-46C

Sampled: 6/17/2026 12:52

Sample ID: 26F2373-11

Sample Matrix: Ground Water

Sample Flags: H-18

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	55.8	5.88	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:52	AMS
Perfluoropentanoic acid (PFPeA)	ND	2.94	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:52	AMS
Perfluorohexanoic acid (PFHxA)	ND	1.47	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:52	AMS
Perfluoroheptanoic acid (PFHpA)	ND	1.47	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:52	AMS
Perfluorooctanoic acid (PFOA)	ND	1.47	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:52	AMS
Perfluorononanoic acid (PFNA)	ND	1.47	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:52	AMS
Perfluorodecanoic acid (PFDA)	ND	1.47	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:52	AMS
Perfluoroundecanoic acid (PFUnA)	ND	1.47	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:52	AMS
Perfluorododecanoic acid (PFDoA)	ND	1.47	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:52	AMS
Perfluorotridecanoic acid (PFTrDA)	ND	1.47	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:52	AMS
Perfluorotetradecanoic acid (PFTeDA)	ND	1.47	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:52	AMS
Perfluorobutanesulfonic acid (PFBS)	ND	1.47	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:52	AMS
Perfluoropentanesulfonic acid (PFPeS)	ND	1.47	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:52	AMS
Perfluorohexanesulfonic acid (PFHxS)	ND	1.47	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:52	AMS
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.47	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:52	AMS
Perfluorooctanesulfonic acid (PFOS)	ND	1.47	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:52	AMS
Perfluorononanesulfonic acid (PFNS)	ND	1.47	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:52	AMS
Perfluorodecanesulfonic acid (PFDS)	ND	1.47	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:52	AMS
Perfluorododecanesulfonic acid (PFDoS)	ND	1.47	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:52	AMS
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	5.88	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:52	AMS
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	5.88	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:52	AMS
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	5.88	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:52	AMS
Perfluorooctanesulfonamide (PFOSA)	ND	1.47	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:52	AMS
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	1.47	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:52	AMS
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	1.47	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:52	AMS
N-MeFOSAA (NMeFOSAA)	ND	1.47	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:52	AMS
N-EtFOSAA (NEtFOSAA)	ND	1.47	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:52	AMS
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	14.7	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:52	AMS
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	14.7	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:52	AMS
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	5.88	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:52	AMS
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	5.88	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:52	AMS
9Cl-PF3ONS	ND	5.88	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:52	AMS
11Cl-PF3OUdS	ND	5.88	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:52	AMS
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	ND	7.35	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:52	AMS
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	ND	36.7	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:52	AMS
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	ND	36.7	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:52	AMS
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.94	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:52	AMS
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	2.94	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:52	AMS

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

Project Location: Farmingdale, NY

Sample Description:

Work Order: 26F2373

Date Received: 6/24/2026

Field Sample #: 20260616-MW-46C

Sampled: 6/17/2026 12:52

Sample ID: 26F2373-11

Sample Matrix: Ground Water

Sample Flags: H-18

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	2.94	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:52	AMS
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.94	ng/L	1		EPA 1633A	7/9/26	7/9/26 17:52	AMS
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
13C4-PFBA	72.9	5-130						7/9/26 17:52	
13C5-PFPeA	87.7	40-130						7/9/26 17:52	
13C5-PFHxA	93.7	40-130						7/9/26 17:52	
13C4-PFHpA	97.3	40-130						7/9/26 17:52	
13C8-PFOA	93.9	40-130						7/9/26 17:52	
13C9-PFNA	76.9	40-130						7/9/26 17:52	
13C6-PFDA	90.5	40-130						7/9/26 17:52	
13C7-PFUnA	83.9	30-130						7/9/26 17:52	
13C2-PFDoA	77.8	10-130						7/9/26 17:52	
13C2-PFTeDA	62.2	10-130						7/9/26 17:52	
13C3-PFBS	76.4	40-135						7/9/26 17:52	
13C3-PFHxS	79.0	40-130						7/9/26 17:52	
13C8-PFOS	73.6	40-130						7/9/26 17:52	
13C2-4:2FTS	102	40-200						7/9/26 17:52	
13C2-6:2FTS	110	40-200						7/9/26 17:52	
13C2-8:2FTS	119	40-300						7/9/26 17:52	
13C8-PFOSA	68.3	40-130						7/9/26 17:52	
D3-NMeFOSA	36.4	10-130						7/9/26 17:52	
D5-NEtFOSA	30.3	10-130						7/9/26 17:52	
D3-NMeFOSAA	72.6	40-170						7/9/26 17:52	
D5-NEtFOSAA	67.4	25-135						7/9/26 17:52	
D7-NMeFOSE	44.3	10-130						7/9/26 17:52	
D9-NEtFOSE	38.9	10-130						7/9/26 17:52	
13C3-HFPO-DA	92.8	40-130						7/9/26 17:52	



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Project Location: Farmingdale, NY

Sample Description:

Work Order: 26F2373

Date Received: 6/24/2026

Field Sample #: 20260616-MW-46C

Sampled: 6/17/2026 12:52

Sample ID: 26F2373-11

Sample Matrix: Ground Water

8270 Water 14DX by SIM MSSV

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane (p-Dioxane)	ND	0.20	ug/L	1	U, H3	EPA 8270E SIM	7/1/26	7/2/26 19:13	JMD
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,4-Dioxane-d8 (S)	37	22-115						7/2/26 19:13	

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Project Location: Farmingdale, NY

Sample Description:

Work Order: 26F2373

Date Received: 6/24/2026

Field Sample #: DUP-1633E

Sampled: 6/16/2026 00:00

Sample ID: 26F2373-12

Sample Matrix: Ground Water

Sample Flags: H-18

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	10.6	5.91	ng/L	1		EPA 1633A	7/9/26	7/9/26 18:01	AMS
Perfluoropentanoic acid (PFPeA)	13.6	2.95	ng/L	1		EPA 1633A	7/9/26	7/9/26 18:01	AMS
Perfluorohexanoic acid (PFHxA)	10.9	1.48	ng/L	1		EPA 1633A	7/9/26	7/9/26 18:01	AMS
Perfluoroheptanoic acid (PFHpA)	3.86	1.48	ng/L	1		EPA 1633A	7/9/26	7/9/26 18:01	AMS
Perfluorooctanoic acid (PFOA)	6.76	1.48	ng/L	1		EPA 1633A	7/9/26	7/9/26 18:01	AMS
Perfluorononanoic acid (PFNA)	ND	1.48	ng/L	1		EPA 1633A	7/9/26	7/9/26 18:01	AMS
Perfluorodecanoic acid (PFDA)	ND	1.48	ng/L	1		EPA 1633A	7/9/26	7/9/26 18:01	AMS
Perfluoroundecanoic acid (PFUnA)	ND	1.48	ng/L	1		EPA 1633A	7/9/26	7/9/26 18:01	AMS
Perfluorododecanoic acid (PFDoA)	ND	1.48	ng/L	1		EPA 1633A	7/9/26	7/9/26 18:01	AMS
Perfluorotridecanoic acid (PFTrDA)	ND	1.48	ng/L	1		EPA 1633A	7/9/26	7/9/26 18:01	AMS
Perfluorotetradecanoic acid (PFTeDA)	ND	1.48	ng/L	1		EPA 1633A	7/9/26	7/9/26 18:01	AMS
Perfluorobutanesulfonic acid (PFBS)	ND	1.48	ng/L	1		EPA 1633A	7/9/26	7/9/26 18:01	AMS
Perfluoropentanesulfonic acid (PFPeS)	ND	1.48	ng/L	1		EPA 1633A	7/9/26	7/9/26 18:01	AMS
Perfluorohexanesulfonic acid (PFHxS)	2.45	1.48	ng/L	1		EPA 1633A	7/9/26	7/9/26 18:01	AMS
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.48	ng/L	1		EPA 1633A	7/9/26	7/9/26 18:01	AMS
Perfluorooctanesulfonic acid (PFOS)	4.65	1.48	ng/L	1		EPA 1633A	7/9/26	7/9/26 18:01	AMS
Perfluorononanesulfonic acid (PFNS)	ND	1.48	ng/L	1		EPA 1633A	7/9/26	7/9/26 18:01	AMS
Perfluorodecanesulfonic acid (PFDS)	ND	1.48	ng/L	1		EPA 1633A	7/9/26	7/9/26 18:01	AMS
Perfluorododecanesulfonic acid (PFDoS)	ND	1.48	ng/L	1		EPA 1633A	7/9/26	7/9/26 18:01	AMS
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	5.91	ng/L	1		EPA 1633A	7/9/26	7/9/26 18:01	AMS
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	5.91	ng/L	1		EPA 1633A	7/9/26	7/9/26 18:01	AMS
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	5.91	ng/L	1		EPA 1633A	7/9/26	7/9/26 18:01	AMS
Perfluorooctanesulfonamide (PFOSA)	ND	1.48	ng/L	1		EPA 1633A	7/9/26	7/9/26 18:01	AMS
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	1.48	ng/L	1		EPA 1633A	7/9/26	7/9/26 18:01	AMS
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	1.48	ng/L	1		EPA 1633A	7/9/26	7/9/26 18:01	AMS
N-MeFOSAA (NMeFOSAA)	ND	1.48	ng/L	1		EPA 1633A	7/9/26	7/9/26 18:01	AMS
N-EtFOSAA (NEtFOSAA)	ND	1.48	ng/L	1		EPA 1633A	7/9/26	7/9/26 18:01	AMS
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	14.8	ng/L	1		EPA 1633A	7/9/26	7/9/26 18:01	AMS
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	14.8	ng/L	1		EPA 1633A	7/9/26	7/9/26 18:01	AMS
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	5.91	ng/L	1		EPA 1633A	7/9/26	7/9/26 18:01	AMS
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	5.91	ng/L	1		EPA 1633A	7/9/26	7/9/26 18:01	AMS
9Cl-PF3ONS	ND	5.91	ng/L	1		EPA 1633A	7/9/26	7/9/26 18:01	AMS
11Cl-PF3OUdS	ND	5.91	ng/L	1		EPA 1633A	7/9/26	7/9/26 18:01	AMS
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	ND	7.38	ng/L	1		EPA 1633A	7/9/26	7/9/26 18:01	AMS
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	ND	36.9	ng/L	1		EPA 1633A	7/9/26	7/9/26 18:01	AMS
3-Perfluoroheptyl propanoic acid (FHPrPA) (7:3FTCA)	ND	36.9	ng/L	1		EPA 1633A	7/9/26	7/9/26 18:01	AMS
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.95	ng/L	1		EPA 1633A	7/9/26	7/9/26 18:01	AMS
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	2.95	ng/L	1		EPA 1633A	7/9/26	7/9/26 18:01	AMS

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

Project Location: Farmingdale, NY

Sample Description:

Work Order: 26F2373

Date Received: 6/24/2026

Field Sample #: DUP-1633E

Sampled: 6/16/2026 00:00

Sample ID: 26F2373-12

Sample Matrix: Ground Water

Sample Flags: H-18

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	2.95	ng/L	1		EPA 1633A	7/9/26	7/9/26 18:01	AMS
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.95	ng/L	1		EPA 1633A	7/9/26	7/9/26 18:01	AMS
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
13C4-PFBA	78.9	5-130						7/9/26 18:01	
13C5-PFPeA	99.1	40-130						7/9/26 18:01	
13C5-PFHxA	94.5	40-130						7/9/26 18:01	
13C4-PFHpA	98.3	40-130						7/9/26 18:01	
13C8-PFOA	91.3	40-130						7/9/26 18:01	
13C9-PFNA	76.5	40-130						7/9/26 18:01	
13C6-PFDA	81.0	40-130						7/9/26 18:01	
13C7-PFUnA	72.6	30-130						7/9/26 18:01	
13C2-PFDoA	67.8	10-130						7/9/26 18:01	
13C2-PFTeDA	66.9	10-130						7/9/26 18:01	
13C3-PFBS	78.4	40-135						7/9/26 18:01	
13C3-PFHxS	80.2	40-130						7/9/26 18:01	
13C8-PFOS	72.4	40-130						7/9/26 18:01	
13C2-4:2FTS	81.1	40-200						7/9/26 18:01	
13C2-6:2FTS	77.9	40-200						7/9/26 18:01	
13C2-8:2FTS	106	40-300						7/9/26 18:01	
13C8-PFOSA	66.2	40-130						7/9/26 18:01	
D3-NMeFOSA	36.6	10-130						7/9/26 18:01	
D5-NEtFOSA	34.2	10-130						7/9/26 18:01	
D3-NMeFOSAA	56.8	40-170						7/9/26 18:01	
D5-NEtFOSAA	61.5	25-135						7/9/26 18:01	
D7-NMeFOSE	48.0	10-130						7/9/26 18:01	
D9-NEtFOSE	43.6	10-130						7/9/26 18:01	
13C3-HFPO-DA	101	40-130						7/9/26 18:01	



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Project Location: Farmingdale, NY

Sample Description:

Work Order: 26F2373

Date Received: 6/24/2026

Field Sample #: DUP-8270E

Sampled: 6/16/2026 00:00

Sample ID: 26F2373-13

Sample Matrix: Ground Water

8270 Water 14DX by SIM MSSV

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane (p-Dioxane)	ND	0.20	ug/L	1	U, H3	EPA 8270E SIM	7/1/26	7/2/26 19:32	JMD
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,4-Dioxane-d8 (S)	33	22-115						7/2/26 19:32	

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

Sample Extraction Data

Prep Method:EPA 3510C **Analytical Method:**EPA 8270E SIM

Media :

Lab Number [Field ID]	Batch	Initial []	Final []	Date
26F2373-01 [20260616-MW-49C]	462069			07/01/26
26F2373-02 [20260616-MW-48D]	462069			07/01/26
26F2373-07 [20260616-MW-28D]	462069			07/01/26
26F2373-08 [20260616-MW-28C]	462069			07/01/26
26F2373-09 [20260616-EW]	462069			07/01/26
26F2373-10 [20260616-MW-37C]	462069			07/01/26
26F2373-11 [20260616-MW-46C]	462069			07/01/26
26F2373-13 [DUP-8270E]	462069			07/01/26

Sample Extraction Data

Prep Method:EPA 1633 **Analytical Method:**EPA 1633A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
26F2373-05 [Equipment Blank]	B431789	149	4.00	07/08/26

Prep Method:EPA 1633 **Analytical Method:**EPA 1633A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
26F2373-01RE1 [20260616-MW-49C]	B432003	265	4.00	07/09/26
26F2373-02RE1 [20260616-MW-48D]	B432003	283	4.00	07/09/26
26F2373-07RE1 [20260616-MW-28D]	B432003	270	4.00	07/09/26
26F2373-08RE1 [20260616-MW-28C]	B432003	269	4.00	07/09/26
26F2373-09RE1 [20260616-EW]	B432003	272	4.00	07/09/26
26F2373-10RE1 [20260616-MW-37C]	B432003	261	4.00	07/09/26
26F2373-11RE1 [20260616-MW-46C]	B432003	272	4.00	07/09/26
26F2373-12RE1 [DUP-1633E]	B432003	271	4.00	07/09/26

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
26F2373-01 [20260616-MW-49C]	B431057	5	5.00	06/25/26
26F2373-02 [20260616-MW-48D]	B431057	5	5.00	06/25/26
26F2373-03 [20260616-MW-29D]	B431057	5	5.00	06/25/26
26F2373-04 [DUP-8260]	B431057	5	5.00	06/25/26
26F2373-06 [Trip Blank]	B431057	5	5.00	06/25/26
26F2373-07 [20260616-MW-28D]	B431057	5	5.00	06/25/26
26F2373-08 [20260616-MW-28C]	B431057	5	5.00	06/25/26
26F2373-09 [20260616-EW]	B431057	5	5.00	06/25/26
26F2373-10 [20260616-MW-37C]	B431057	5	5.00	06/25/26
26F2373-11 [20260616-MW-46C]	B431057	5	5.00	06/25/26

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 B431057 - SW-846 5030B

Blank (B431057-BLK1)

Prepared: 06/25/26 Analyzed: 06/26/26

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							

V-05

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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 B431057 - SW-846 5030B
Blank (B431057-BLK1)

Prepared: 06/25/26 Analyzed: 06/26/26

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	22.4		µg/L	25.00		89.7	70-130			
Surrogate: Toluene-d8	24.6		µg/L	25.00		98.3	70-130			
Surrogate: 4-Bromofluorobenzene	21.8		µg/L	25.00		87.4	70-130			

LCS (B431057-BS1)

Prepared: 06/25/26 Analyzed: 06/26/26

Acetone	80.0	50	µg/L	100.0		80.0	70-160			†
Benzene	11.6	1.0	µg/L	10.00		116	70-130			
Bromochloromethane	11.8	1.0	µg/L	10.00		118	70-130			
Bromodichloromethane	10.2	0.50	µg/L	10.00		102	70-130			
Bromoform	8.26	1.0	µg/L	10.00		82.6	70-130			
Bromomethane	11.3	2.0	µg/L	10.00		113	40-160			†
2-Butanone (MEK)	98.1	20	µg/L	100.0		98.1	40-160			†
n-Butylbenzene	9.07	1.0	µg/L	10.00		90.7	70-130			
sec-Butylbenzene	10.9	1.0	µg/L	10.00		109	70-130			
tert-Butylbenzene	11.3	1.0	µg/L	10.00		113	70-130			
Carbon Disulfide	121	5.0	µg/L	100.0		121	70-130			V-20
Carbon Tetrachloride	10.0	5.0	µg/L	10.00		100	70-130			
Chlorobenzene	10.6	1.0	µg/L	10.00		106	70-130			
Chlorodibromomethane	9.30	0.50	µg/L	10.00		93.0	70-130			
Chloroethane	9.64	2.0	µg/L	10.00		96.4	70-130			
Chloroform	10.9	2.0	µg/L	10.00		109	70-130			
Chloromethane	9.23	2.0	µg/L	10.00		92.3	40-160			†
Cyclohexane	10.8	5.0	µg/L	10.00		108	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	9.19	5.0	µg/L	10.00		91.9	70-130			
1,2-Dibromoethane (EDB)	10.2	0.50	µg/L	10.00		102	70-130			
1,2-Dichlorobenzene	10.6	1.0	µg/L	10.00		106	70-130			
1,3-Dichlorobenzene	10.5	1.0	µg/L	10.00		105	70-130			
1,4-Dichlorobenzene	9.49	1.0	µg/L	10.00		94.9	70-130			
Dichlorodifluoromethane (Freon 12)	11.3	2.0	µg/L	10.00		113	40-160			†
1,1-Dichloroethane	11.1	1.0	µg/L	10.00		111	70-130			
1,2-Dichloroethane	9.72	1.0	µg/L	10.00		97.2	70-130			
1,1-Dichloroethylene	9.11	1.0	µg/L	10.00		91.1	70-130			
cis-1,2-Dichloroethylene	11.1	1.0	µg/L	10.00		111	70-130			
trans-1,2-Dichloroethylene	10.7	1.0	µg/L	10.00		107	70-130			
1,2-Dichloropropane	10.6	1.0	µg/L	10.00		106	70-130			
cis-1,3-Dichloropropene	11.3	0.50	µg/L	10.00		113	70-130			
trans-1,3-Dichloropropene	10.8	0.50	µg/L	10.00		108	70-130			
Ethylbenzene	10.9	1.0	µg/L	10.00		109	70-130			
2-Hexanone (MBK)	85.3	10	µg/L	100.0		85.3	70-160			†
Isopropylbenzene (Cumene)	10.6	1.0	µg/L	10.00		106	70-130			
p-Isopropyltoluene (p-Cymene)	10.8	1.0	µg/L	10.00		108	70-130			
Methyl Acetate	7.71	1.0	µg/L	10.00		77.1	70-130			
Methyl tert-Butyl Ether (MTBE)	10.2	1.0	µg/L	10.00		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
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Batch B431057 - SW-846 5030B
LCS (B431057-BS1)

Prepared: 06/25/26 Analyzed: 06/26/26

Methyl Cyclohexane	11.5	1.0	µg/L	10.00		115	70-130			
Methylene Chloride	10.2	5.0	µg/L	10.00		102	70-130			
4-Methyl-2-pentanone (MIBK)	90.3	10	µg/L	100.0		90.3	70-160			†
Naphthalene	5.29	2.0	µg/L	10.00		52.9	40-130			V-05 †
n-Propylbenzene	10.4	1.0	µg/L	10.00		104	70-130			
Styrene	10.4	1.0	µg/L	10.00		104	70-130			
1,1,2,2-Tetrachloroethane	9.03	0.50	µg/L	10.00		90.3	70-130			
Tetrachloroethylene	10.6	1.0	µg/L	10.00		106	70-130			
Toluene	10.8	1.0	µg/L	10.00		108	70-130			
1,2,3-Trichlorobenzene	8.43	5.0	µg/L	10.00		84.3	70-130			
1,2,4-Trichlorobenzene	8.52	1.0	µg/L	10.00		85.2	70-130			
1,1,1-Trichloroethane	10.6	1.0	µg/L	10.00		106	70-130			
1,1,2-Trichloroethane	10.5	1.0	µg/L	10.00		105	70-130			
Trichloroethylene	10.8	1.0	µg/L	10.00		108	70-130			
Trichlorofluoromethane (Freon 11)	9.32	2.0	µg/L	10.00		93.2	70-130			
1,2,3-Trichloropropane	7.66	2.0	µg/L	10.00		76.6	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.67	1.0	µg/L	10.00		86.7	70-130			
1,2,4-Trimethylbenzene	11.2	1.0	µg/L	10.00		112	70-130			
1,3,5-Trimethylbenzene	10.6	1.0	µg/L	10.00		106	70-130			
Vinyl Chloride	10.8	2.0	µg/L	10.00		108	40-160			†
m+p Xylene	21.6	2.0	µg/L	20.00		108	70-130			
o-Xylene	11.1	1.0	µg/L	10.00		111	70-130			
Xylenes (total)	32.7	1.0	µg/L	30.00		109	0-200			
Surrogate: 1,2-Dichloroethane-d4	24.0		µg/L	25.00		96.0	70-130			
Surrogate: Toluene-d8	24.9		µg/L	25.00		99.6	70-130			
Surrogate: 4-Bromofluorobenzene	23.2		µg/L	25.00		92.8	70-130			

LCS Dup (B431057-BSD1)

Prepared: 06/25/26 Analyzed: 06/26/26

Acetone	76.4	50	µg/L	100.0		76.4	70-160	4.63	25	†
Benzene	11.9	1.0	µg/L	10.00		119	70-130	3.32	25	
Bromochloromethane	11.8	1.0	µg/L	10.00		118	70-130	0.338	25	
Bromodichloromethane	10.4	0.50	µg/L	10.00		104	70-130	2.23	25	
Bromoform	8.03	1.0	µg/L	10.00		80.3	70-130	2.82	25	
Bromomethane	11.6	2.0	µg/L	10.00		116	40-160	2.54	25	†
2-Butanone (MEK)	94.9	20	µg/L	100.0		94.9	40-160	3.32	25	†
n-Butylbenzene	10.2	1.0	µg/L	10.00		102	70-130	11.3	25	
sec-Butylbenzene	11.0	1.0	µg/L	10.00		110	70-130	0.916	25	
tert-Butylbenzene	11.9	1.0	µg/L	10.00		119	70-130	4.92	25	
Carbon Disulfide	116	5.0	µg/L	100.0		116	70-130	4.74	25	V-20
Carbon Tetrachloride	10.1	5.0	µg/L	10.00		101	70-130	0.994	25	
Chlorobenzene	10.9	1.0	µg/L	10.00		109	70-130	3.16	25	
Chlorodibromomethane	9.34	0.50	µg/L	10.00		93.4	70-130	0.429	25	
Chloroethane	10.4	2.0	µg/L	10.00		104	70-130	7.10	25	
Chloroform	11.1	2.0	µg/L	10.00		111	70-130	1.54	25	
Chloromethane	10.1	2.0	µg/L	10.00		101	40-160	8.61	25	†
Cyclohexane	11.2	5.0	µg/L	10.00		112	70-130	3.10	25	
1,2-Dibromo-3-chloropropane (DBCP)	8.28	5.0	µg/L	10.00		82.8	70-130	10.4	25	
1,2-Dibromoethane (EDB)	10.2	0.50	µg/L	10.00		102	70-130	0.980	25	
1,2-Dichlorobenzene	11.1	1.0	µg/L	10.00		111	70-130	4.98	25	
1,3-Dichlorobenzene	10.7	1.0	µg/L	10.00		107	70-130	1.41	25	
1,4-Dichlorobenzene	10.1	1.0	µg/L	10.00		101	70-130	5.93	25	
Dichlorodifluoromethane (Freon 12)	11.5	2.0	µg/L	10.00		115	40-160	1.92	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 B431057 - SW-846 5030B										
LCS Dup (B431057-BSD1)										
Prepared: 06/25/26 Analyzed: 06/26/26										
1,1-Dichloroethane	11.1	1.0	µg/L	10.00		111	70-130	0.630	25	
1,2-Dichloroethane	10.0	1.0	µg/L	10.00		100	70-130	3.04	25	
1,1-Dichloroethylene	9.30	1.0	µg/L	10.00		93.0	70-130	2.06	25	
cis-1,2-Dichloroethylene	11.6	1.0	µg/L	10.00		116	70-130	4.66	25	
trans-1,2-Dichloroethylene	11.0	1.0	µg/L	10.00		110	70-130	2.40	25	
1,2-Dichloropropane	11.0	1.0	µg/L	10.00		110	70-130	4.35	25	
cis-1,3-Dichloropropene	11.5	0.50	µg/L	10.00		115	70-130	1.23	25	
trans-1,3-Dichloropropene	10.8	0.50	µg/L	10.00		108	70-130	0.369	25	
Ethylbenzene	11.0	1.0	µg/L	10.00		110	70-130	0.820	25	
2-Hexanone (MBK)	85.1	10	µg/L	100.0		85.1	70-160	0.235	25	†
Isopropylbenzene (Cumene)	10.9	1.0	µg/L	10.00		109	70-130	3.17	25	
p-Isopropyltoluene (p-Cymene)	11.3	1.0	µg/L	10.00		113	70-130	4.98	25	
Methyl Acetate	7.94	1.0	µg/L	10.00		79.4	70-130	2.94	25	
Methyl tert-Butyl Ether (MTBE)	10.3	1.0	µg/L	10.00		103	70-130	0.880	25	
Methyl Cyclohexane	12.1	1.0	µg/L	10.00		121	70-130	5.17	25	
Methylene Chloride	10.5	5.0	µg/L	10.00		105	70-130	2.51	25	
4-Methyl-2-pentanone (MIBK)	89.5	10	µg/L	100.0		89.5	70-160	0.912	25	†
Naphthalene	4.98	2.0	µg/L	10.00		49.8	40-130	6.04	25	V-05 †
n-Propylbenzene	10.8	1.0	µg/L	10.00		108	70-130	3.97	25	
Styrene	10.6	1.0	µg/L	10.00		106	70-130	2.19	25	
1,1,2,2-Tetrachloroethane	9.13	0.50	µg/L	10.00		91.3	70-130	1.10	25	
Tetrachloroethylene	10.9	1.0	µg/L	10.00		109	70-130	2.23	25	
Toluene	11.0	1.0	µg/L	10.00		110	70-130	2.11	25	
1,2,3-Trichlorobenzene	8.32	5.0	µg/L	10.00		83.2	70-130	1.31	25	
1,2,4-Trichlorobenzene	8.46	1.0	µg/L	10.00		84.6	70-130	0.707	25	
1,1,1-Trichloroethane	10.9	1.0	µg/L	10.00		109	70-130	2.60	25	
1,1,2-Trichloroethane	10.5	1.0	µg/L	10.00		105	70-130	0.00	25	
Trichloroethylene	11.5	1.0	µg/L	10.00		115	70-130	5.83	25	
Trichlorofluoromethane (Freon 11)	9.74	2.0	µg/L	10.00		97.4	70-130	4.41	25	
1,2,3-Trichloropropane	8.21	2.0	µg/L	10.00		82.1	70-130	6.93	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.82	1.0	µg/L	10.00		88.2	70-130	1.72	25	
1,2,4-Trimethylbenzene	11.6	1.0	µg/L	10.00		116	70-130	3.16	25	
1,3,5-Trimethylbenzene	11.0	1.0	µg/L	10.00		110	70-130	3.89	25	
Vinyl Chloride	11.4	2.0	µg/L	10.00		114	40-160	5.14	25	†
m+p Xylene	21.6	2.0	µg/L	20.00		108	70-130	0.139	25	
o-Xylene	11.0	1.0	µg/L	10.00		110	70-130	0.726	25	
Xylenes (total)	32.6	1.0	µg/L	30.00		108	0-200	0.337		
Surrogate: 1,2-Dichloroethane-d4	24.2		µg/L	25.00		96.8	70-130			
Surrogate: Toluene-d8	25.4		µg/L	25.00		101	70-130			
Surrogate: 4-Bromofluorobenzene	24.5		µg/L	25.00		98.1	70-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B431789 - EPA 1633										
Blank (B431789-BLK1)										
Prepared & Analyzed: 07/08/26										
Perfluorobutanoic acid (PFBA)	ND	6.40	ng/L							L-05
Perfluoropentanoic acid (PFPeA)	ND	3.20	ng/L							L-05
Perfluorohexanoic acid (PFHxA)	ND	1.60	ng/L							L-05
Perfluoroheptanoic acid (PFHpA)	ND	1.60	ng/L							L-05
Perfluorooctanoic acid (PFOA)	ND	1.60	ng/L							L-05
Perfluorononanoic acid (PFNA)	ND	1.60	ng/L							L-05
Perfluorodecanoic acid (PFDA)	ND	1.60	ng/L							L-05
Perfluoroundecanoic acid (PFUnA)	ND	1.60	ng/L							L-01
Perfluorododecanoic acid (PFDoA)	ND	1.60	ng/L							L-01
Perfluorotridecanoic acid (PFTrDA)	ND	1.60	ng/L							L-01
Perfluorotetradecanoic acid (PFTeDA)	ND	1.60	ng/L							L-01
Perfluorobutanesulfonic acid (PFBS)	ND	1.60	ng/L							L-05
Perfluoropentanesulfonic acid (PFPeS)	ND	1.60	ng/L							L-05
Perfluorohexanesulfonic acid (PFHxS)	ND	1.60	ng/L							L-05
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.60	ng/L							L-01
Perfluorooctanesulfonic acid (PFOS)	ND	1.60	ng/L							L-05
Perfluorononanesulfonic acid (PFNS)	ND	1.60	ng/L							L-01
Perfluorodecanesulfonic acid (PFDS)	ND	1.60	ng/L							L-01
Perfluorododecanesulfonic acid (PFDoS)	ND	1.60	ng/L							
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	6.40	ng/L							L-01
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	6.40	ng/L							L-05
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	6.40	ng/L							L-01
Perfluorooctanesulfonamide (PFOSA)	ND	1.60	ng/L							L-01
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	1.60	ng/L							L-01
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	1.60	ng/L							L-01
N-MeFOSAA (NMeFOSAA)	ND	1.60	ng/L							L-01
N-EtFOSAA (NEtFOSAA)	ND	1.60	ng/L							L-01
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	16.0	ng/L							L-01
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	16.0	ng/L							L-01
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	6.40	ng/L							L-01
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	6.40	ng/L							L-01
9Cl-PF3ONS	ND	6.40	ng/L							L-01
11Cl-PF3OUdS	ND	6.40	ng/L							L-01
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	ND	8.00	ng/L							L-01
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	ND	40.0	ng/L							L-01
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	ND	40.0	ng/L							L-01
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	3.20	ng/L							L-01
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	3.20	ng/L							L-01
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	3.20	ng/L							L-01
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	3.20	ng/L							L-01
Surrogate: 13C4-PFBA	121		ng/L	160.1		75.7	5-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B431789 - EPA 1633

Blank (B431789-BLK1)

Prepared & Analyzed: 07/08/26

Surrogate: 13C5-PFPeA	73.8		ng/L	79.86		92.4	40-130			
Surrogate: 13C5-PFHxA	35.5		ng/L	40.35		87.9	40-130			
Surrogate: 13C4-PFHpA	35.0		ng/L	39.91		87.6	40-130			
Surrogate: 13C8-PFOA	35.8		ng/L	40.53		88.2	40-130			
Surrogate: 13C9-PFNA	14.1		ng/L	20.11		70.3	40-130			
Surrogate: 13C6-PFDA	18.1		ng/L	20.26		89.2	40-130			
Surrogate: 13C7-PFUnA	15.3		ng/L	19.76		77.6	30-130			
Surrogate: 13C2-PFDoA	16.8		ng/L	19.77		84.9	10-130			
Surrogate: 13C2-PFTeDA	16.2		ng/L	20.22		80.0	10-130			
Surrogate: 13C3-PFBS	30.0		ng/L	39.99		74.9	40-135			
Surrogate: 13C3-PFHxS	30.1		ng/L	39.81		75.7	40-130			
Surrogate: 13C8-PFOS	29.8		ng/L	40.35		73.7	40-130			
Surrogate: 13C2-4:2FTS	70.9		ng/L	80.08		88.5	40-200			
Surrogate: 13C2-6:2FTS	75.5		ng/L	79.66		94.8	40-200			
Surrogate: 13C2-8:2FTS	84.4		ng/L	80.08		105	40-300			
Surrogate: 13C8-PFOA	28.0		ng/L	40.21		69.7	40-130			
Surrogate: D3-NMeFOSA	23.8		ng/L	40.21		59.1	10-130			
Surrogate: D5-NEtFOSA	24.2		ng/L	40.13		60.2	10-130			
Surrogate: D3-NMeFOSAA	63.4		ng/L	80.00		79.3	40-170			
Surrogate: D5-NEtFOSAA	56.9		ng/L	80.48		70.7	25-135			
Surrogate: D7-NMeFOSE	297		ng/L	403.0		73.7	10-130			
Surrogate: D9-NEtFOSE	257		ng/L	398.6		64.5	10-130			
Surrogate: 13C3-HFPO-DA	152		ng/L	161.4		94.2	40-130			

LCS (B431789-BS1)

Prepared & Analyzed: 07/08/26

Perfluorobutanoic acid (PFBA)	274	6.40	ng/L	158.6		173	*	70-140		L-05
Perfluoropentanoic acid (PFPeA)	140	3.20	ng/L	81.58		171	*	65-135		L-05
Perfluorohexanoic acid (PFHxA)	71.6	1.60	ng/L	40.78		175	*	70-145		L-05
Perfluoroheptanoic acid (PFHpA)	71.3	1.60	ng/L	40.59		176	*	70-150		L-05
Perfluorooctanoic acid (PFOA)	73.2	1.60	ng/L	40.64		180	*	70-150		L-05
Perfluorononanoic acid (PFNA)	65.5	1.60	ng/L	40.00		164	*	70-150		L-05
Perfluorodecanoic acid (PFDA)	68.0	1.60	ng/L	40.22		169	*	70-140		L-05
Perfluoroundecanoic acid (PFUnA)	74.5	1.60	ng/L	40.32		185	*	70-145		L-01
Perfluorododecanoic acid (PFDoA)	68.5	1.60	ng/L	40.40		169	*	70-140		L-01
Perfluorotridecanoic acid (PFTeDA)	72.9	1.60	ng/L	40.50		180	*	65-140		L-01
Perfluorotetradecanoic acid (PFTeDA)	77.4	1.60	ng/L	40.34		192	*	60-140		L-01
Perfluorobutanesulfonic acid (PFBS)	68.8	1.60	ng/L	40.40		170	*	60-145		L-05
Perfluoropentanesulfonic acid (PFPeS)	77.9	1.60	ng/L	40.66		192	*	65-140		L-05
Perfluorohexanesulfonic acid (PFHxS)	68.8	1.60	ng/L	40.66		169	*	65-145		L-05
Perfluoroheptanesulfonic acid (PFHpS)	72.4	1.60	ng/L	40.32		180	*	70-150		L-01
Perfluorooctanesulfonic acid (PFOS)	65.2	1.60	ng/L	40.00		163	*	55-150		L-05
Perfluorononanesulfonic acid (PFNS)	65.3	1.60	ng/L	40.13		163	*	65-145		L-01
Perfluorodecanesulfonic acid (PFDS)	60.7	1.60	ng/L	40.29		151	*	60-145		L-01
Perfluorododecanesulfonic acid (PFDoS)	58.7	1.60	ng/L	40.70		144		50-145		
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	300	6.40	ng/L	161.6		185	*	70-145		L-01
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	279	6.40	ng/L	158.4		176	*	65-155		L-05
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	303	6.40	ng/L	160.3		189	*	60-150		L-01
Perfluorooctanesulfonamide (PFOSA)	65.8	1.60	ng/L	40.02		164	*	70-145		L-01
N-methyl perfluorooctanesulfonamide (NMeFOSA)	68.8	1.60	ng/L	40.77		169	*	60-150		L-01

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QUALITY CONTROL
Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B431789 - EPA 1633										
LCS (B431789-BS1)										
Prepared & Analyzed: 07/08/26										
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	67.2	1.60	ng/L	40.29		167	* 65-145			L-01
N-MeFOSAA (NMeFOSAA)	66.7	1.60	ng/L	40.74		164	* 50-140			L-01
N-EtFOSAA (NEtFOSAA)	73.5	1.60	ng/L	40.00		184	* 70-145			L-01
N-methylperfluorooctanesulfonamidoethanol(NMeFOSE)	700	16.0	ng/L	399.0		175	* 70-145			L-01
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	713	16.0	ng/L	400.0		178	* 70-135			L-01
Hexafluoropropylene oxide dimer acid (HFPO-DA)	291	6.40	ng/L	161.3		181	* 70-140			L-01
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	308	6.40	ng/L	160.3		192	* 65-145			L-01
9Cl-PF3ONS	291	6.40	ng/L	161.9		180	* 70-155			L-01
11Cl-PF3OUdS	280	6.40	ng/L	160.5		175	* 55-160			L-01
3-Perfluoropropyl propanoic acid (FPrPA)(3:3FTCA)	270	8.00	ng/L	200.0		135	* 65-130			L-01
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	1830	40.0	ng/L	998.7		183	* 70-135			L-01
3-Perfluoroheptyl propanoic acid (FHpPA)(7:3FTCA)	1660	40.0	ng/L	1011		164	* 50-145			L-01
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)	146	3.20	ng/L	80.80		180	* 70-140			L-01
Perfluoro-3-methoxypropanoic acid (PFMPA)	138	3.20	ng/L	80.05		172	* 55-140			L-01
Perfluoro-4-methoxybutanoic acid (PFMBA)	138	3.20	ng/L	80.78		171	* 60-150			L-01
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	139	3.20	ng/L	79.10		176	* 50-150			L-01
Surrogate: 13C4-PFBA	84.5		ng/L	160.1		52.8	5-130			
Surrogate: 13C5-PFPeA	49.7		ng/L	79.86		62.2	40-130			
Surrogate: 13C5-PFHxA	24.3		ng/L	40.35		60.2	40-130			
Surrogate: 13C4-PFHpA	23.5		ng/L	39.91		58.9	40-130			
Surrogate: 13C8-PFOA	24.6		ng/L	40.53		60.7	40-130			
Surrogate: 13C9-PFNA	10.9		ng/L	20.11		54.4	40-130			
Surrogate: 13C6-PFDA	13.2		ng/L	20.26		65.3	40-130			
Surrogate: 13C7-PFUnA	10.9		ng/L	19.76		55.2	30-130			
Surrogate: 13C2-PFDoA	11.9		ng/L	19.77		60.1	10-130			
Surrogate: 13C2-PFTeDA	11.0		ng/L	20.22		54.4	10-130			
Surrogate: 13C3-PFBS	21.3		ng/L	39.99		53.3	40-135			
Surrogate: 13C3-PFHxS	20.1		ng/L	39.81		50.4	40-130			
Surrogate: 13C8-PFOS	21.2		ng/L	40.35		52.5	40-130			
Surrogate: 13C2-4:2FTS	50.7		ng/L	80.08		63.4	40-200			
Surrogate: 13C2-6:2FTS	50.7		ng/L	79.66		63.6	40-200			
Surrogate: 13C2-8:2FTS	60.6		ng/L	80.08		75.6	40-300			
Surrogate: 13C8-PFOSA	18.9		ng/L	40.21		46.9	40-130			
Surrogate: D3-NMeFOSA	16.8		ng/L	40.21		41.8	10-130			
Surrogate: D5-NEtFOSA	17.4		ng/L	40.13		43.3	10-130			
Surrogate: D3-NMeFOSAA	44.1		ng/L	80.00		55.2	40-170			
Surrogate: D5-NEtFOSAA	38.6		ng/L	80.48		47.9	25-135			
Surrogate: D7-NMeFOSE	191		ng/L	403.0		47.5	10-130			
Surrogate: D9-NEtFOSE	172		ng/L	398.6		43.2	10-130			
Surrogate: 13C3-HFPO-DA	101		ng/L	161.4		62.8	40-130			
MRL Check (B431789-MRL1)										
Prepared: 07/08/26 Analyzed: 07/09/26										
Perfluorobutanoic acid (PFBA)	11.2	6.40	ng/L	12.68		88.5	70-140			
Perfluoropentanoic acid (PFPeA)	6.62	3.20	ng/L	6.527		101	65-135			

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QUALITY CONTROL
Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B431789 - EPA 1633										
MRL Check (B431789-MRL1)										
Prepared: 07/08/26 Analyzed: 07/09/26										
Perfluorohexanoic acid (PFHxA)	3.01	1.60	ng/L	3.263		92.1	70-145			
Perfluoroheptanoic acid (PFHpA)	3.23	1.60	ng/L	3.247		99.5	70-150			
Perfluorooctanoic acid (PFOA)	3.15	1.60	ng/L	3.251		96.8	70-150			
Perfluorononanoic acid (PFNA)	3.73	1.60	ng/L	3.200		117	70-150			
Perfluorodecanoic acid (PFDA)	3.26	1.60	ng/L	3.218		101	70-140			
Perfluoroundecanoic acid (PFUnA)	3.12	1.60	ng/L	3.226		96.7	70-145			
Perfluorododecanoic acid (PFDoA)	2.77	1.60	ng/L	3.232		85.6	70-140			
Perfluorotridecanoic acid (PFTrDA)	2.72	1.60	ng/L	3.240		83.9	65-140			
Perfluorotetradecanoic acid (PFTeDA)	3.22	1.60	ng/L	3.227		99.7	60-140			
Perfluorobutanesulfonic acid (PFBS)	3.11	1.60	ng/L	3.232		96.2	60-145			
Perfluoropentanesulfonic acid (PFPeS)	3.59	1.60	ng/L	3.252		110	65-140			
Perfluorohexanesulfonic acid (PFHxS)	3.54	1.60	ng/L	3.252		109	65-145			
Perfluoroheptanesulfonic acid (PFHpS)	3.61	1.60	ng/L	3.226		112	70-150			
Perfluorooctanesulfonic acid (PFOS)	2.90	1.60	ng/L	3.200		90.5	55-150			
Perfluorononanesulfonic acid (PFNS)	3.10	1.60	ng/L	3.210		96.4	65-145			
Perfluorodecanesulfonic acid (PFDS)	3.15	1.60	ng/L	3.223		97.6	60-145			
Perfluorododecanesulfonic acid (PFDoS)	3.17	1.60	ng/L	3.256		97.4	50-145			
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	12.9	6.40	ng/L	12.93		100	70-145			
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	12.0	6.40	ng/L	12.67		94.6	65-155			
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	11.4	6.40	ng/L	12.83		88.5	60-150			
Perfluorooctanesulfonamide (PFOSA)	3.13	1.60	ng/L	3.201		97.8	70-145			
N-methyl perfluorooctanesulfonamide (NMeFOSA)	3.19	1.60	ng/L	3.261		97.8	60-150			
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	2.94	1.60	ng/L	3.223		91.3	65-145			
N-MeFOSAA (NMeFOSAA)	3.09	1.60	ng/L	3.259		94.7	50-140			
N-EtFOSAA (NEtFOSAA)	3.05	1.60	ng/L	3.200		95.4	70-145			
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	30.6	16.0	ng/L	31.92		96.0	70-145			
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	32.5	16.0	ng/L	32.00		102	70-135			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13.7	6.40	ng/L	12.90		106	70-140			
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	13.0	6.40	ng/L	12.83		101	65-145			
9Cl-PF3ONS	14.2	6.40	ng/L	12.95		109	0-200			
11Cl-PF3OUDS	13.5	6.40	ng/L	12.84		105	55-160			
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	11.3	8.00	ng/L	16.00		70.9	65-130			
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	75.0	40.0	ng/L	79.90		93.9	70-135			
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	65.6	40.0	ng/L	80.91		81.1	50-145			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	6.54	3.20	ng/L	6.464		101	70-140			
Perfluoro-3-methoxypropanoic acid (PFMPA)	6.26	3.20	ng/L	6.404		97.8	55-140			
Perfluoro-4-methoxybutanoic acid (PFMBA)	6.25	3.20	ng/L	6.463		96.7	60-150			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	5.36	3.20	ng/L	6.328		84.8	50-150			
Surrogate: 13C4-PFBA	123		ng/L	160.1		77.1	5-130			
Surrogate: 13C5-PFPeA	73.7		ng/L	79.86		92.3	40-130			
Surrogate: 13C5-PFHxA	37.0		ng/L	40.35		91.6	40-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B431789 - EPA 1633

MRL Check (B431789-MRL1)

Prepared: 07/08/26 Analyzed: 07/09/26

Surrogate: 13C4-PFHpA	37.4		ng/L	39.91		93.7	40-130			
Surrogate: 13C8-PFOA	37.4		ng/L	40.53		92.3	40-130			
Surrogate: 13C9-PFNA	15.2		ng/L	20.11		75.7	40-130			
Surrogate: 13C6-PFDA	17.8		ng/L	20.26		87.8	40-130			
Surrogate: 13C7-PFUnA	16.1		ng/L	19.76		81.3	30-130			
Surrogate: 13C2-PFDoA	16.7		ng/L	19.77		84.5	10-130			
Surrogate: 13C2-PFTeDA	16.1		ng/L	20.22		79.6	10-130			
Surrogate: 13C3-PFBS	30.2		ng/L	39.99		75.6	40-135			
Surrogate: 13C3-PFHxS	31.4		ng/L	39.81		78.8	40-130			
Surrogate: 13C8-PFOS	30.0		ng/L	40.35		74.3	40-130			
Surrogate: 13C2-4:2FTS	72.2		ng/L	80.08		90.1	40-200			
Surrogate: 13C2-6:2FTS	72.3		ng/L	79.66		90.8	40-200			
Surrogate: 13C2-8:2FTS	91.8		ng/L	80.08		115	40-300			
Surrogate: 13C8-PFOSA	27.5		ng/L	40.21		68.5	40-130			
Surrogate: D3-NMeFOSA	21.9		ng/L	40.21		54.4	10-130			
Surrogate: D5-NEtFOSA	22.2		ng/L	40.13		55.3	10-130			
Surrogate: D3-NMeFOSAA	64.1		ng/L	80.00		80.2	40-170			
Surrogate: D5-NEtFOSAA	56.8		ng/L	80.48		70.6	25-135			
Surrogate: D7-NMeFOSE	260		ng/L	403.0		64.5	10-130			
Surrogate: D9-NEtFOSE	245		ng/L	398.6		61.4	10-130			
Surrogate: 13C3-HFPO-DA	156		ng/L	161.4		96.8	40-130			

Matrix Spike (B431789-MS1)

Source: 26F2373-08

Prepared & Analyzed: 07/08/26

H-18

Perfluorobutanoic acid (PFBA)	206	5.65	ng/L	139.9	9.80	140	70-140			L-05
Perfluoropentanoic acid (PFPeA)	117	2.82	ng/L	71.98	15.6	141	* 65-135			MS-22, L-05
Perfluorohexanoic acid (PFHxA)	62.6	1.41	ng/L	35.98	11.8	141	70-145			L-05
Perfluoroheptanoic acid (PFHpA)	53.2	1.41	ng/L	35.81	4.65	136	70-150			L-05
Perfluorooctanoic acid (PFOA)	60.9	1.41	ng/L	35.85	7.74	148	70-150			L-05
Perfluorononanoic acid (PFNA)	50.0	1.41	ng/L	35.29	1.18	138	70-150			L-05, R-06
Perfluorodecanoic acid (PFDA)	54.6	1.41	ng/L	35.49	0.659	152	* 70-140			L-05, MS-23
Perfluoroundecanoic acid (PFUnA)	53.2	1.41	ng/L	35.57	ND	150	* 70-145			MS-23, L-01
Perfluorododecanoic acid (PFDoA)	47.7	1.41	ng/L	35.64	ND	134	70-140			L-01
Perfluorotridecanoic acid (PFTrDA)	47.5	1.41	ng/L	35.73	ND	133	65-140			L-01, R-06
Perfluorotetradecanoic acid (PFTeDA)	52.6	1.41	ng/L	35.59	ND	148	* 60-140			L-01, MS-23
Perfluorobutanesulfonic acid (PFBS)	47.6	1.41	ng/L	35.64	ND	134	60-145			L-05
Perfluoropentanesulfonic acid (PFPeS)	53.2	1.41	ng/L	35.87	ND	148	* 65-140			L-05, MS-23
Perfluorohexanesulfonic acid (PFHxS)	48.8	1.41	ng/L	35.87	2.04	130	65-145			L-05
Perfluoroheptanesulfonic acid (PFHpS)	51.0	1.41	ng/L	35.57	ND	143	70-150			L-01
Perfluorooctanesulfonic acid (PFOS)	53.5	1.41	ng/L	35.29	5.07	137	55-150			L-05
Perfluorononanesulfonic acid (PFNS)	46.6	1.41	ng/L	35.40	ND	132	65-145			L-01
Perfluorodecanesulfonic acid (PFDS)	42.5	1.41	ng/L	35.54	ND	120	60-145			L-01
Perfluorododecanesulfonic acid (PFDoS)	40.2	1.41	ng/L	35.91	ND	112	50-145			
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	208	5.65	ng/L	142.6	ND	146	* 70-145			L-01, MS-22
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	203	5.65	ng/L	139.7	ND	145	65-155			L-05
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	219	5.65	ng/L	141.4	ND	155	* 60-150			L-01, MS-22
Perfluorooctanesulfonamide (PFOSA)	46.5	1.41	ng/L	35.30	0.576	130	70-145			L-01
N-methyl perfluorooctanesulfonamide (NMeFOSA)	48.8	1.41	ng/L	35.97	ND	136	60-150			L-01
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	49.8	1.41	ng/L	35.54	ND	140	65-145			L-01
N-MeFOSAA (NMeFOSAA)	50.1	1.41	ng/L	35.94	ND	139	50-140			L-01

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QUALITY CONTROL

Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B431789 - EPA 1633										
Matrix Spike (B431789-MS1)	Source: 26F2373-08			Prepared & Analyzed: 07/08/26					H-18	
N-EtFOSAA (NEtFOSAA)	45.8	1.41	ng/L	35.29	ND	130	70-145			L-01
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	486	14.1	ng/L	352.0	ND	138	70-145			L-01
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	495	14.1	ng/L	352.9	ND	140	* 70-135			L-01, MS-22
Hexafluoropropylene oxide dimer acid (HFPO-DA)	208	5.65	ng/L	142.3	ND	146	* 70-140			L-01, MS-22
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	203	5.65	ng/L	141.4	ND	144	65-145			L-01
9Cl-PF3ONS	215	5.65	ng/L	142.9	ND	151	70-155			L-01
11Cl-PF3OUDS	188	5.65	ng/L	141.6	ND	133	55-160			L-01
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	192	7.06	ng/L	176.4	ND	109	65-130			L-01
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA) (5:3FTCA)	1360	35.3	ng/L	881.1	ND	154	* 70-135			L-01, MS-22
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	1270	35.3	ng/L	892.3	ND	143	50-145			L-01, R-06
Perfluoro(2-ethoxyethane)sulfonic acid (PFESA)	107	2.82	ng/L	71.28	ND	150	* 70-140			L-01, MS-22
Perfluoro-3-methoxypropanoic acid (PFMPA)	103	2.82	ng/L	70.62	ND	146	* 55-140			L-01, MS-22
Perfluoro-4-methoxybutanoic acid (PFMBA)	100	2.82	ng/L	71.27	ND	141	60-150			L-01
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	94.0	2.82	ng/L	69.79	ND	135	50-150			L-01
Surrogate: 13C4-PFBA	89.9		ng/L	141.2		63.7	5-130			
Surrogate: 13C5-PFPeA	53.1		ng/L	70.46		75.3	40-130			
Surrogate: 13C5-PFHxA	26.7		ng/L	35.60		75.0	40-130			
Surrogate: 13C4-PFHpA	27.7		ng/L	35.21		78.6	40-130			
Surrogate: 13C8-PFOA	27.1		ng/L	35.76		75.7	40-130			
Surrogate: 13C9-PFNA	10.8		ng/L	17.74		60.7	40-130			
Surrogate: 13C6-PFDA	11.9		ng/L	17.87		66.5	40-130			
Surrogate: 13C7-PFUnA	11.0		ng/L	17.43		63.3	30-130			
Surrogate: 13C2-PFDoA	10.7		ng/L	17.44		61.5	10-130			
Surrogate: 13C2-PFTeDA	9.22		ng/L	17.84		51.7	10-130			
Surrogate: 13C3-PFBS	22.6		ng/L	35.28		64.0	40-135			
Surrogate: 13C3-PFHxS	21.3		ng/L	35.12		60.6	40-130			
Surrogate: 13C8-PFOS	21.9		ng/L	35.60		61.4	40-130			
Surrogate: 13C2-4:2FTS	51.9		ng/L	70.65		73.5	40-200			
Surrogate: 13C2-6:2FTS	44.3		ng/L	70.28		63.1	40-200			
Surrogate: 13C2-8:2FTS	53.3		ng/L	70.65		75.5	40-300			
Surrogate: 13C8-PFOA	19.8		ng/L	35.47		55.8	40-130			
Surrogate: D3-NMeFOSA	14.7		ng/L	35.47		41.5	10-130			
Surrogate: D5-NEtFOSA	14.8		ng/L	35.40		41.8	10-130			
Surrogate: D3-NMeFOSAA	37.5		ng/L	70.58		53.1	40-170			
Surrogate: D5-NEtFOSAA	40.1		ng/L	71.00		56.4	25-135			
Surrogate: D7-NMeFOSE	171		ng/L	355.5		48.2	10-130			
Surrogate: D9-NEtFOSE	156		ng/L	351.6		44.4	10-130			
Surrogate: 13C3-HFPO-DA	110		ng/L	142.4		77.6	40-130			
Matrix Spike Dup (B431789-MSD1)	Source: 26F2373-08			Prepared & Analyzed: 07/08/26					H-18	
Perfluorobutanoic acid (PFBA)	166	6.04	ng/L	149.7	9.80	105	70-140	21.3	25	L-05
Perfluoropentanoic acid (PFPeA)	96.3	3.02	ng/L	77.02	15.6	105	65-135	19.5	25	L-05, MS-22
Perfluorohexanoic acid (PFHxA)	53.3	1.51	ng/L	38.50	11.8	108	70-145	16.1	25	L-05
Perfluoroheptanoic acid (PFHpA)	43.5	1.51	ng/L	38.32	4.65	101	70-150	20.2	25	L-05
Perfluorooctanoic acid (PFOA)	49.7	1.51	ng/L	38.36	7.74	109	70-150	20.2	25	L-05

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QUALITY CONTROL

Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B431789 - EPA 1633										
Matrix Spike Dup (B431789-MSD1)	Source: 26F2373-08			Prepared & Analyzed: 07/08/26					H-18	
Perfluorononanoic acid (PFNA)	38.1	1.51	ng/L	37.76	1.18	97.8	70-150	26.9 *	25	L-05, R-06
Perfluorodecanoic acid (PFDA)	42.1	1.51	ng/L	37.97	0.659	109	70-140	25.7 *	25	MS-23, L-05
Perfluoroundecanoic acid (PFUnA)	38.4	1.51	ng/L	38.06	ND	101	70-145	32.2 *	25	L-01, MS-23
Perfluorododecanoic acid (PFDoA)	38.6	1.51	ng/L	38.14	ND	101	70-140	21.2	25	L-01
Perfluorotridecanoic acid (PFTTrDA)	36.5	1.51	ng/L	38.23	ND	95.4	65-140	26.4 *	25	L-01, R-06
Perfluorotetradecanoic acid (PFTeDA)	40.7	1.51	ng/L	38.08	ND	107	60-140	25.6 *	25	L-01, MS-23
Perfluorobutanesulfonic acid (PFBS)	40.5	1.51	ng/L	38.14	ND	106	60-145	16.3	25	L-05
Perfluoropentanesulfonic acid (PFPeS)	41.3	1.51	ng/L	38.38	ND	108	65-140	25.1 *	25	L-05, MS-23
Perfluorohexanesulfonic acid (PFHxS)	40.2	1.51	ng/L	38.38	2.04	99.5	65-145	19.4	25	L-05
Perfluoroheptanesulfonic acid (PFHpS)	45.1	1.51	ng/L	38.06	ND	118	70-150	12.3	25	L-01
Perfluorooctanesulfonic acid (PFOS)	45.7	1.51	ng/L	37.76	5.07	108	55-150	15.8	25	L-05
Perfluorononanesulfonic acid (PFNS)	40.0	1.51	ng/L	37.88	ND	106	65-145	15.2	25	L-01
Perfluorodecanesulfonic acid (PFDS)	35.9	1.51	ng/L	38.03	ND	94.4	60-145	16.8	25	L-01
Perfluorododecanesulfonic acid (PFDoS)	31.6	1.51	ng/L	38.42	ND	82.3	50-145	24.0	25	
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	170	6.04	ng/L	152.6	ND	112	70-145	20.1	25	L-01, MS-22
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	172	6.04	ng/L	149.5	ND	115	65-155	16.1	25	L-05
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	175	6.04	ng/L	151.3	ND	116	60-150	22.1	25	L-01, MS-22
Perfluorooctanesulfonamide (PFOSA)	39.2	1.51	ng/L	37.78	0.576	102	70-145	17.0	25	L-01
N-methyl perfluorooctanesulfonamide (NMeFOSA)	42.7	1.51	ng/L	38.49	ND	111	60-150	13.1	25	L-01
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	41.6	1.51	ng/L	38.03	ND	109	65-145	18.0	25	L-01
N-MeFOSAA (NMeFOSAA)	40.9	1.51	ng/L	38.45	ND	106	50-140	20.3	25	L-01
N-EtFOSAA (NEtFOSAA)	38.5	1.51	ng/L	37.76	ND	102	70-145	17.3	25	L-01
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	396	15.1	ng/L	376.7	ND	105	70-145	20.3	25	L-01
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	396	15.1	ng/L	377.6	ND	105	70-135	22.2	25	L-01, MS-22
Hexafluoropropylene oxide dimer acid (HFPO-DA)	163	6.04	ng/L	152.2	ND	107	70-140	24.0	25	L-01, MS-22
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	159	6.04	ng/L	151.3	ND	105	65-145	24.7	25	L-01
9Cl-PF3ONS	188	6.04	ng/L	152.9	ND	123	70-155	13.4	25	L-01
11Cl-PF3OUdS	157	6.04	ng/L	151.5	ND	103	55-160	18.1	25	L-01
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	153	7.55	ng/L	188.8	ND	81.2	65-130	22.3	25	L-01
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	1130	37.8	ng/L	942.8	ND	120	70-135	18.4	25	L-01, MS-22
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	951	37.8	ng/L	954.7	ND	99.7	50-145	28.9 *	25	L-01, R-06
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	88.0	3.02	ng/L	76.28	ND	115	70-140	19.4	25	L-01, MS-22
Perfluoro-3-methoxypropanoic acid (PFMPA)	80.5	3.02	ng/L	75.57	ND	106	55-140	24.8	25	L-01, MS-22
Perfluoro-4-methoxybutanoic acid (PFMBA)	80.6	3.02	ng/L	76.26	ND	106	60-150	21.7	25	L-01
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	78.7	3.02	ng/L	74.67	ND	105	50-150	17.8	25	L-01
Surrogate: 13C4-PFBA	107		ng/L	151.1		71.0	5-130			
Surrogate: 13C5-PFPeA	63.6		ng/L	75.39		84.4	40-130			
Surrogate: 13C5-PFHxA	30.7		ng/L	38.09		80.6	40-130			
Surrogate: 13C4-PFHpA	32.8		ng/L	37.68		87.1	40-130			
Surrogate: 13C8-PFOA	31.8		ng/L	38.26		83.0	40-130			
Surrogate: 13C9-PFNA	13.2		ng/L	18.99		69.4	40-130			

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QUALITY CONTROL
Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B431789 - EPA 1633
Matrix Spike Dup (B431789-MSD1) **Source: 26F2373-08** Prepared & Analyzed: 07/08/26 **H-18**

Surrogate: 13C6-PFDA	15.9		ng/L	19.12		83.3	40-130			
Surrogate: 13C7-PFUnA	14.3		ng/L	18.65		76.6	30-130			
Surrogate: 13C2-PFDoA	13.9		ng/L	18.66		74.4	10-130			
Surrogate: 13C2-PFTeDA	12.3		ng/L	19.09		64.6	10-130			
Surrogate: 13C3-PFBS	25.4		ng/L	37.75		67.3	40-135			
Surrogate: 13C3-PFHxS	25.3		ng/L	37.58		67.2	40-130			
Surrogate: 13C8-PFOS	25.0		ng/L	38.09		65.5	40-130			
Surrogate: 13C2-4:2FTS	55.4		ng/L	75.60		73.3	40-200			
Surrogate: 13C2-6:2FTS	48.6		ng/L	75.20		64.7	40-200			
Surrogate: 13C2-8:2FTS	58.8		ng/L	75.60		77.7	40-300			
Surrogate: 13C8-PFOSA	22.4		ng/L	37.96		59.1	40-130			
Surrogate: D3-NMeFOSA	16.9		ng/L	37.96		44.5	10-130			
Surrogate: D5-NEtFOSA	17.4		ng/L	37.88		45.9	10-130			
Surrogate: D3-NMeFOSAA	45.1		ng/L	75.52		59.7	40-170			
Surrogate: D5-NEtFOSAA	42.7		ng/L	75.97		56.3	25-135			
Surrogate: D7-NMeFOSE	200		ng/L	380.4		52.5	10-130			
Surrogate: D9-NEtFOSE	182		ng/L	376.2		48.3	10-130			
Surrogate: 13C3-HFPO-DA	135		ng/L	152.3		88.7	40-130			

Batch B432003 - EPA 1633
Blank (B432003-BLK1) Prepared & Analyzed: 07/09/26

Perfluorobutanoic acid (PFBA)	ND	6.40	ng/L	
Perfluoropentanoic acid (PFPeA)	ND	3.20	ng/L	
Perfluorohexanoic acid (PFHxA)	ND	1.60	ng/L	
Perfluoroheptanoic acid (PFHpA)	ND	1.60	ng/L	
Perfluorooctanoic acid (PFOA)	ND	1.60	ng/L	
Perfluorononanoic acid (PFNA)	ND	1.60	ng/L	
Perfluorodecanoic acid (PFDA)	ND	1.60	ng/L	
Perfluoroundecanoic acid (PFUnA)	ND	1.60	ng/L	
Perfluorododecanoic acid (PFDoA)	ND	1.60	ng/L	
Perfluorotridecanoic acid (PFTTrDA)	ND	1.60	ng/L	
Perfluorotetradecanoic acid (PFTeDA)	ND	1.60	ng/L	
Perfluorobutanesulfonic acid (PFBS)	ND	1.60	ng/L	
Perfluoropentanesulfonic acid (PFPeS)	ND	1.60	ng/L	
Perfluorohexanesulfonic acid (PFHxS)	ND	1.60	ng/L	
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.60	ng/L	
Perfluorooctanesulfonic acid (PFOS)	ND	1.60	ng/L	
Perfluorononanesulfonic acid (PFNS)	ND	1.60	ng/L	
Perfluorodecanesulfonic acid (PFDS)	ND	1.60	ng/L	
Perfluorododecanesulfonic acid (PFDoS)	ND	1.60	ng/L	
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	6.40	ng/L	
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	6.40	ng/L	
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	6.40	ng/L	
Perfluorooctanesulfonamide (PFOSA)	ND	1.60	ng/L	
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	1.60	ng/L	
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	1.60	ng/L	
N-MeFOSAA (NMeFOSAA)	ND	1.60	ng/L	
N-EtFOSAA (NEtFOSAA)	ND	1.60	ng/L	

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QUALITY CONTROL

Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B432003 - EPA 1633										
Blank (B432003-BLK1)										
Prepared & Analyzed: 07/09/26										
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	16.0	ng/L							
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	16.0	ng/L							
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	6.40	ng/L							
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	6.40	ng/L							
9Cl-PF3ONS	ND	6.40	ng/L							
11Cl-PF3OUdS	ND	6.40	ng/L							
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	ND	8.00	ng/L							
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	40.0	ng/L							
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	ND	40.0	ng/L							
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	3.20	ng/L							
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	3.20	ng/L							
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	3.20	ng/L							
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	3.20	ng/L							
Surrogate: 13C4-PFBA	140		ng/L	160.1		87.7	5-130			
Surrogate: 13C5-PFPeA	86.0		ng/L	79.86		108	40-130			
Surrogate: 13C5-PFHxA	42.0		ng/L	40.35		104	40-130			
Surrogate: 13C4-PFHpA	43.4		ng/L	39.91		109	40-130			
Surrogate: 13C8-PFOA	43.6		ng/L	40.53		107	40-130			
Surrogate: 13C9-PFNA	16.9		ng/L	20.11		84.3	40-130			
Surrogate: 13C6-PFDA	18.6		ng/L	20.26		91.7	40-130			
Surrogate: 13C7-PFUnA	15.5		ng/L	19.76		78.5	30-130			
Surrogate: 13C2-PFDoA	16.2		ng/L	19.77		81.9	10-130			
Surrogate: 13C2-PFTeDA	16.4		ng/L	20.22		81.0	10-130			
Surrogate: 13C3-PFBS	34.0		ng/L	39.99		85.1	40-135			
Surrogate: 13C3-PFHxS	33.1		ng/L	39.81		83.2	40-130			
Surrogate: 13C8-PFOS	32.6		ng/L	40.35		80.9	40-130			
Surrogate: 13C2-4:2FTS	76.3		ng/L	80.08		95.2	40-200			
Surrogate: 13C2-6:2FTS	76.7		ng/L	79.66		96.3	40-200			
Surrogate: 13C2-8:2FTS	96.9		ng/L	80.08		121	40-300			
Surrogate: 13C8-PFOSA	29.5		ng/L	40.21		73.4	40-130			
Surrogate: D3-NMeFOSA	25.6		ng/L	40.21		63.6	10-130			
Surrogate: D5-NEtFOSA	25.8		ng/L	40.13		64.4	10-130			
Surrogate: D3-NMeFOSAA	62.1		ng/L	80.00		77.6	40-170			
Surrogate: D5-NEtFOSAA	58.7		ng/L	80.48		72.9	25-135			
Surrogate: D7-NMeFOSE	304		ng/L	403.0		75.3	10-130			
Surrogate: D9-NEtFOSE	288		ng/L	398.6		72.4	10-130			
Surrogate: 13C3-HFPO-DA	171		ng/L	161.4		106	40-130			
LCS (B432003-BS1)										
Prepared & Analyzed: 07/09/26										
Perfluorobutanoic acid (PFBA)	164	6.40	ng/L	158.6		104	70-140			
Perfluoropentanoic acid (PFPeA)	84.6	3.20	ng/L	81.58		104	65-135			
Perfluorohexanoic acid (PFHxA)	43.0	1.60	ng/L	40.78		105	70-145			
Perfluoroheptanoic acid (PFHpA)	42.4	1.60	ng/L	40.59		104	70-150			
Perfluorooctanoic acid (PFOA)	41.8	1.60	ng/L	40.64		103	70-150			
Perfluorononanoic acid (PFNA)	40.1	1.60	ng/L	40.00		100	70-150			

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QUALITY CONTROL

Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B432003 - EPA 1633										
LCS (B432003-BS1)										
Prepared & Analyzed: 07/09/26										
Perfluorodecanoic acid (PFDA)	40.5	1.60	ng/L	40.22		101	70-140			
Perfluoroundecanoic acid (PFUnA)	44.0	1.60	ng/L	40.32		109	70-145			
Perfluorododecanoic acid (PFDoA)	40.6	1.60	ng/L	40.40		101	70-140			
Perfluorotridecanoic acid (PFTrDA)	46.0	1.60	ng/L	40.50		114	65-140			
Perfluorotetradecanoic acid (PFTeDA)	44.5	1.60	ng/L	40.34		110	60-140			
Perfluorobutanesulfonic acid (PFBS)	41.8	1.60	ng/L	40.40		104	60-145			
Perfluoropentanesulfonic acid (PFPeS)	43.1	1.60	ng/L	40.66		106	65-140			
Perfluorohexanesulfonic acid (PFHxS)	39.9	1.60	ng/L	40.66		98.0	65-145			
Perfluoroheptanesulfonic acid (PFHpS)	47.1	1.60	ng/L	40.32		117	70-150			
Perfluorooctanesulfonic acid (PFOS)	40.6	1.60	ng/L	40.00		102	55-150			
Perfluorononanesulfonic acid (PFNS)	39.9	1.60	ng/L	40.13		99.5	65-145			
Perfluorodecanesulfonic acid (PFDS)	37.0	1.60	ng/L	40.29		91.8	60-145			
Perfluorododecanesulfonic acid (PFDoS)	41.1	1.60	ng/L	40.70		101	50-145			
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	182	6.40	ng/L	161.6		112	70-145			
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	173	6.40	ng/L	158.4		109	65-155			
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	166	6.40	ng/L	160.3		103	60-150			
Perfluorooctanesulfonamide (PFOSA)	40.7	1.60	ng/L	40.02		102	70-145			
N-methyl perfluorooctanesulfonamide (NMeFOSA)	39.8	1.60	ng/L	40.77		97.7	60-150			
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	41.9	1.60	ng/L	40.29		104	65-145			
N-MeFOSAA (NMeFOSAA)	40.5	1.60	ng/L	40.74		99.4	50-140			
N-EtFOSAA (NEtFOSAA)	39.7	1.60	ng/L	40.00		99.2	70-145			
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	433	16.0	ng/L	399.0		109	70-145			
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	428	16.0	ng/L	400.0		107	70-135			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	175	6.40	ng/L	161.3		108	70-140			
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	179	6.40	ng/L	160.3		112	65-145			
9Cl-PF3ONS	183	6.40	ng/L	161.9		113	70-155			
11Cl-PF3OUdS	167	6.40	ng/L	160.5		104	55-160			
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	225	8.00	ng/L	200.0		112	65-130			
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	1130	40.0	ng/L	998.7		113	70-135			
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	1100	40.0	ng/L	1011		109	50-145			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	86.9	3.20	ng/L	80.80		108	70-140			
Perfluoro-3-methoxypropanoic acid (PFMPA)	86.2	3.20	ng/L	80.05		108	55-140			
Perfluoro-4-methoxybutanoic acid (PFMBA)	83.5	3.20	ng/L	80.78		103	60-150			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	74.5	3.20	ng/L	79.10		94.2	50-150			
Surrogate: 13C4-PFBA	120		ng/L	160.1		75.0	5-130			
Surrogate: 13C5-PFPeA	70.9		ng/L	79.86		88.8	40-130			
Surrogate: 13C5-PFHxA	35.2		ng/L	40.35		87.3	40-130			
Surrogate: 13C4-PFHpA	35.3		ng/L	39.91		88.6	40-130			
Surrogate: 13C8-PFOA	35.9		ng/L	40.53		88.5	40-130			
Surrogate: 13C9-PFNA	14.4		ng/L	20.11		71.7	40-130			
Surrogate: 13C6-PFDA	17.1		ng/L	20.26		84.6	40-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B432003 - EPA 1633

LCS (B432003-BS1)

Prepared & Analyzed: 07/09/26

Surrogate: 13C7-PFUnA	14.5		ng/L	19.76		73.3	30-130			
Surrogate: 13C2-PFDoA	13.8		ng/L	19.77		69.6	10-130			
Surrogate: 13C2-PFTeDA	14.8		ng/L	20.22		73.3	10-130			
Surrogate: 13C3-PFBS	30.0		ng/L	39.99		75.1	40-135			
Surrogate: 13C3-PFHxS	29.8		ng/L	39.81		74.8	40-130			
Surrogate: 13C8-PFOS	29.7		ng/L	40.35		73.7	40-130			
Surrogate: 13C2-4:2FTS	69.1		ng/L	80.08		86.3	40-200			
Surrogate: 13C2-6:2FTS	63.0		ng/L	79.66		79.1	40-200			
Surrogate: 13C2-8:2FTS	85.2		ng/L	80.08		106	40-300			
Surrogate: 13C8-PFOA	26.1		ng/L	40.21		64.9	40-130			
Surrogate: D3-NMeFOA	23.5		ng/L	40.21		58.5	10-130			
Surrogate: D5-NEtFOA	23.5		ng/L	40.13		58.5	10-130			
Surrogate: D3-NMeFOSAA	60.5		ng/L	80.00		75.6	40-170			
Surrogate: D5-NEtFOSAA	62.6		ng/L	80.48		77.7	25-135			
Surrogate: D7-NMeFOSE	267		ng/L	403.0		66.4	10-130			
Surrogate: D9-NEtFOSE	258		ng/L	398.6		64.7	10-130			
Surrogate: 13C3-HFPO-DA	144		ng/L	161.4		89.5	40-130			

MRL Check (B432003-MRL1)

Prepared & Analyzed: 07/09/26

Perfluorobutanoic acid (PFBA)	11.3	6.40	ng/L	12.68		89.3	0-200			
Perfluoropentanoic acid (PFPeA)	5.95	3.20	ng/L	6.527		91.2	0-200			
Perfluorohexanoic acid (PFHxA)	3.16	1.60	ng/L	3.263		97.0	0-200			
Perfluoroheptanoic acid (PFHpA)	3.20	1.60	ng/L	3.247		98.4	0-200			
Perfluorooctanoic acid (PFOA)	3.07	1.60	ng/L	3.251		94.5	0-200			
Perfluorononanoic acid (PFNA)	2.83	1.60	ng/L	3.200		88.4	0-200			
Perfluorodecanoic acid (PFDA)	2.79	1.60	ng/L	3.218		86.8	0-200			
Perfluoroundecanoic acid (PFUnA)	2.99	1.60	ng/L	3.226		92.6	0-200			
Perfluorododecanoic acid (PFDoA)	2.99	1.60	ng/L	3.232		92.4	0-200			
Perfluorotridecanoic acid (PFTTrDA)	3.26	1.60	ng/L	3.240		101	0-200			
Perfluorotetradecanoic acid (PFTeDA)	3.16	1.60	ng/L	3.227		98.0	0-200			
Perfluorobutanesulfonic acid (PFBS)	3.27	1.60	ng/L	3.232		101	0-200			
Perfluoropentanesulfonic acid (PFPeS)	3.11	1.60	ng/L	3.252		95.6	0-200			
Perfluorohexanesulfonic acid (PFHxS)	3.65	1.60	ng/L	3.252		112	0-200			
Perfluoroheptanesulfonic acid (PFHpS)	2.83	1.60	ng/L	3.226		87.7	0-200			
Perfluorooctanesulfonic acid (PFOS)	3.02	1.60	ng/L	3.200		94.4	0-200			
Perfluorononanesulfonic acid (PFNS)	3.32	1.60	ng/L	3.210		104	0-200			
Perfluorodecanesulfonic acid (PFDS)	2.93	1.60	ng/L	3.223		90.9	0-200			
Perfluorododecanesulfonic acid (PFDoS)	2.68	1.60	ng/L	3.256		82.2	0-200			
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	13.2	6.40	ng/L	12.93		102	0-200			
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	13.6	6.40	ng/L	12.67		108	0-200			
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	11.8	6.40	ng/L	12.83		91.9	0-200			
Perfluorooctanesulfonamide (PFOSA)	3.11	1.60	ng/L	3.201		97.0	0-200			
N-methyl perfluorooctanesulfonamide (NMeFOA)	3.62	1.60	ng/L	3.261		111	0-200			
N-ethyl perfluorooctanesulfonamide (NEtFOA)	4.00	1.60	ng/L	3.223		124	0-200			
N-MeFOSAA (NMeFOSAA)	2.91	1.60	ng/L	3.259		89.4	0-200			
N-EtFOSAA (NEtFOSAA)	2.83	1.60	ng/L	3.200		88.6	0-200			
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	31.2	16.0	ng/L	31.92		97.6	0-200			
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	33.0	16.0	ng/L	32.00		103	0-200			

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QUALITY CONTROL
Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B432003 - EPA 1633
MRL Check (B432003-MRL1)

Prepared & Analyzed: 07/09/26

Hexafluoropropylene oxide dimer acid (HFPO-DA)	12.9	6.40	ng/L	12.90		99.9	0-200			
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	12.6	6.40	ng/L	12.83		98.5	0-200			
9Cl-PF3ONS	13.4	6.40	ng/L	12.95		103	0-200			
11Cl-PF3OUdS	12.2	6.40	ng/L	12.84		94.7	0-200			
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	19.7	8.00	ng/L	16.00		123	0-200			
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	83.7	40.0	ng/L	79.90		105	0-200			
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	83.9	40.0	ng/L	80.91		104	0-200			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)	6.18	3.20	ng/L	6.464		95.7	0-200			
Perfluoro-3-methoxypropanoic acid (PFMPA)	6.09	3.20	ng/L	6.404		95.2	0-200			
Perfluoro-4-methoxybutanoic acid (PFMBA)	6.31	3.20	ng/L	6.463		97.7	0-200			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	5.15	3.20	ng/L	6.328		81.4	0-200			
Surrogate: 13C4-PFBA	125		ng/L	160.1		78.4	5-130			
Surrogate: 13C5-PFPeA	73.0		ng/L	79.86		91.4	40-130			
Surrogate: 13C5-PFHxA	36.6		ng/L	40.35		90.6	40-130			
Surrogate: 13C4-PFHpA	36.6		ng/L	39.91		91.8	40-130			
Surrogate: 13C8-PFOA	35.9		ng/L	40.53		88.5	40-130			
Surrogate: 13C9-PFNA	14.6		ng/L	20.11		72.6	40-130			
Surrogate: 13C6-PFDA	16.8		ng/L	20.26		82.7	40-130			
Surrogate: 13C7-PFUnA	14.0		ng/L	19.76		70.8	30-130			
Surrogate: 13C2-PFDoA	13.4		ng/L	19.77		67.7	10-130			
Surrogate: 13C2-PFTeDA	14.9		ng/L	20.22		73.6	10-130			
Surrogate: 13C3-PFBS	28.8		ng/L	39.99		72.0	40-135			
Surrogate: 13C3-PFHxS	29.2		ng/L	39.81		73.4	40-130			
Surrogate: 13C8-PFOS	28.1		ng/L	40.35		69.6	40-130			
Surrogate: 13C2-4:2FTS	68.0		ng/L	80.08		84.9	40-200			
Surrogate: 13C2-6:2FTS	61.1		ng/L	79.66		76.8	40-200			
Surrogate: 13C2-8:2FTS	86.9		ng/L	80.08		109	40-300			
Surrogate: 13C8-PFOSA	24.5		ng/L	40.21		60.9	40-130			
Surrogate: D3-NMeFOSA	20.5		ng/L	40.21		51.1	10-130			
Surrogate: D5-NEtFOSA	21.6		ng/L	40.13		53.9	10-130			
Surrogate: D3-NMeFOSAA	56.6		ng/L	80.00		70.8	40-170			
Surrogate: D5-NEtFOSAA	56.8		ng/L	80.48		70.6	25-135			
Surrogate: D7-NMeFOSE	243		ng/L	403.0		60.2	10-130			
Surrogate: D9-NEtFOSE	229		ng/L	398.6		57.6	10-130			
Surrogate: 13C3-HFPO-DA	153		ng/L	161.4		94.8	40-130			

Matrix Spike (B432003-MS1)

Source: 26F2373-08RE1

Prepared & Analyzed: 07/09/26

Perfluorobutanoic acid (PFBA)	164	6.03	ng/L	149.5	9.96	103	70-140			
Perfluoropentanoic acid (PFPeA)	95.3	3.02	ng/L	76.92	14.4	105	65-135			
Perfluorohexanoic acid (PFHxA)	51.3	1.51	ng/L	38.45	10.3	107	70-145			
Perfluoroheptanoic acid (PFHpA)	43.5	1.51	ng/L	38.27	4.13	103	70-150			
Perfluorooctanoic acid (PFOA)	45.7	1.51	ng/L	38.32	6.80	101	70-150			
Perfluorononanoic acid (PFNA)	41.3	1.51	ng/L	37.71	1.26	106	70-150			
Perfluorodecanoic acid (PFDA)	42.8	1.51	ng/L	37.92	0.848	111	70-140			
Perfluoroundecanoic acid (PFUnA)	44.1	1.51	ng/L	38.01	ND	116	70-145			
Perfluorododecanoic acid (PFDoA)	43.0	1.51	ng/L	38.09	ND	113	70-140			
Perfluorotridecanoic acid (PFTTrDA)	44.7	1.51	ng/L	38.18	ND	117	65-140			

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QUALITY CONTROL
Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B432003 - EPA 1633										
Matrix Spike (B432003-MS1)										
Source: 26F2373-08RE1										
Prepared & Analyzed: 07/09/26										
Perfluorotetradecanoic acid (PFTeDA)	40.3	1.51	ng/L	38.03	ND	106	60-140			
Perfluorobutanesulfonic acid (PFBS)	38.7	1.51	ng/L	38.09	ND	102	60-145			
Perfluoropentanesulfonic acid (PFPeS)	40.1	1.51	ng/L	38.33	ND	105	65-140			
Perfluorohexanesulfonic acid (PFHxS)	40.5	1.51	ng/L	38.33	2.29	99.7	65-145			
Perfluoroheptanesulfonic acid (PFHpS)	44.5	1.51	ng/L	38.01	ND	117	70-150			
Perfluorooctanesulfonic acid (PFOS)	42.8	1.51	ng/L	37.71	4.42	102	55-150			
Perfluorononanesulfonic acid (PFNS)	35.0	1.51	ng/L	37.83	ND	92.4	65-145			
Perfluorodecanesulfonic acid (PFDS)	32.6	1.51	ng/L	37.98	ND	85.8	60-145			
Perfluorododecanesulfonic acid (PFDoS)	33.3	1.51	ng/L	38.38	ND	86.8	50-145			
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	169	6.03	ng/L	152.4	ND	111	70-145			
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	165	6.03	ng/L	149.3	ND	111	65-155			
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	167	6.03	ng/L	151.1	ND	110	60-150			
Perfluorooctanesulfonamide (PFOSA)	37.9	1.51	ng/L	37.73	ND	100	70-145			
N-methyl perfluorooctanesulfonamide (NMeFOSA)	40.5	1.51	ng/L	38.44	ND	105	60-150			
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	42.9	1.51	ng/L	37.98	ND	113	65-145			
N-MeFOSAA (NMeFOSAA)	38.7	1.51	ng/L	38.41	1.16	97.7	50-140			
N-EtFOSAA (NEtFOSAA)	41.3	1.51	ng/L	37.71	ND	110	70-145			
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	409	15.1	ng/L	376.2	ND	109	70-145			
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	423	15.1	ng/L	377.1	ND	112	70-135			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	157	6.03	ng/L	152.1	ND	103	70-140			
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	164	6.03	ng/L	151.1	ND	109	65-145			
9Cl-PF3ONS	165	6.03	ng/L	152.7	ND	108	70-155			
11Cl-PF3OUdS	142	6.03	ng/L	151.3	ND	94.0	55-160			
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	205	7.54	ng/L	188.6	ND	109	65-130			
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	1200	37.7	ng/L	941.6	ND	128	70-135			
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	1100	37.7	ng/L	953.5	ND	115	50-145			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	86.5	3.02	ng/L	76.18	ND	113	70-140			
Perfluoro-3-methoxypropanoic acid (PFMPA)	82.3	3.02	ng/L	75.47	ND	109	55-140			
Perfluoro-4-methoxybutanoic acid (PFMBA)	83.3	3.02	ng/L	76.16	ND	109	60-150			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	72.3	3.02	ng/L	74.58	ND	97.0	50-150			
Surrogate: 13C4-PFBA	112		ng/L	150.9		74.5	5-130			
Surrogate: 13C5-PFPeA	67.7		ng/L	75.30		89.9	40-130			
Surrogate: 13C5-PFHxA	33.0		ng/L	38.04		86.8	40-130			
Surrogate: 13C4-PFHpA	35.6		ng/L	37.63		94.6	40-130			
Surrogate: 13C8-PFOA	34.7		ng/L	38.21		90.9	40-130			
Surrogate: 13C9-PFNA	13.1		ng/L	18.96		69.2	40-130			
Surrogate: 13C6-PFDA	14.3		ng/L	19.10		75.1	40-130			
Surrogate: 13C7-PFUnA	12.1		ng/L	18.63		64.8	30-130			
Surrogate: 13C2-PFDoA	11.3		ng/L	18.64		60.7	10-130			
Surrogate: 13C2-PFTeDA	12.3		ng/L	19.07		64.6	10-130			
Surrogate: 13C3-PFBS	26.4		ng/L	37.70		70.0	40-135			

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QUALITY CONTROL

Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B432003 - EPA 1633

Matrix Spike (B432003-MS1)

Source: 26F2373-08RE1

Prepared & Analyzed: 07/09/26

Surrogate: 13C3-PFHxS	27.1		ng/L	37.53		72.3	40-130			
Surrogate: 13C8-PFOS	26.1		ng/L	38.04		68.6	40-130			
Surrogate: 13C2-4:2FTS	54.2		ng/L	75.50		71.8	40-200			
Surrogate: 13C2-6:2FTS	54.4		ng/L	75.10		72.4	40-200			
Surrogate: 13C2-8:2FTS	71.3		ng/L	75.50		94.4	40-300			
Surrogate: 13C8-PFOSA	23.2		ng/L	37.91		61.2	40-130			
Surrogate: D3-NMeFOSA	14.0		ng/L	37.91		37.0	10-130			
Surrogate: D5-NEtFOSA	12.6		ng/L	37.83		33.3	10-130			
Surrogate: D3-NMeFOSAA	40.2		ng/L	75.42		53.3	40-170			
Surrogate: D5-NEtFOSAA	44.6		ng/L	75.88		58.8	25-135			
Surrogate: D7-NMeFOSE	179		ng/L	379.9		47.1	10-130			
Surrogate: D9-NEtFOSE	166		ng/L	375.8		44.3	10-130			
Surrogate: 13C3-HFPO-DA	144		ng/L	152.1		94.4	40-130			

Matrix Spike Dup (B432003-MSD1)

Source: 26F2373-08RE1

Prepared & Analyzed: 07/09/26

Perfluorobutanoic acid (PFBA)	168	6.40	ng/L	153.8	9.96	102	70-140	2.10	25	
Perfluoropentanoic acid (PFPeA)	94.5	3.20	ng/L	79.15	14.4	101	65-135	0.886	25	
Perfluorohexanoic acid (PFHxA)	50.3	1.60	ng/L	39.57	10.3	101	70-145	1.93	25	
Perfluoroheptanoic acid (PFHpA)	43.4	1.60	ng/L	39.38	4.13	99.7	70-150	0.338	25	
Perfluorooctanoic acid (PFOA)	45.3	1.60	ng/L	39.43	6.80	97.6	70-150	0.833	25	
Perfluorononanoic acid (PFNA)	42.3	1.60	ng/L	38.81	1.26	106	70-150	2.49	25	
Perfluorodecanoic acid (PFDA)	40.3	1.60	ng/L	39.02	0.848	101	70-140	5.95	25	
Perfluoroundecanoic acid (PFUnA)	42.1	1.60	ng/L	39.12	ND	108	70-145	4.62	25	
Perfluorododecanoic acid (PFDoA)	39.1	1.60	ng/L	39.19	ND	99.8	70-140	9.43	25	
Perfluorotridecanoic acid (PFTTrDA)	39.9	1.60	ng/L	39.29	ND	102	65-140	11.5	25	
Perfluorotetradecanoic acid (PFTeDA)	41.7	1.60	ng/L	39.13	ND	106	60-140	3.35	25	
Perfluorobutanesulfonic acid (PFBS)	39.3	1.60	ng/L	39.19	ND	100	60-145	1.37	25	
Perfluoropentanesulfonic acid (PFPeS)	37.6	1.60	ng/L	39.44	ND	95.3	65-140	6.50	25	
Perfluorohexanesulfonic acid (PFHxS)	37.2	1.60	ng/L	39.44	2.29	88.4	65-145	8.60	25	
Perfluoroheptanesulfonic acid (PFHpS)	44.4	1.60	ng/L	39.12	ND	114	70-150	0.113	25	
Perfluorooctanesulfonic acid (PFOS)	43.7	1.60	ng/L	38.81	4.42	101	55-150	2.18	25	
Perfluorononanesulfonic acid (PFNS)	35.1	1.60	ng/L	38.93	ND	90.1	65-145	0.340	25	
Perfluorodecanesulfonic acid (PFDS)	33.4	1.60	ng/L	39.09	ND	85.4	60-145	2.34	25	
Perfluorododecanesulfonic acid (PFDoS)	33.5	1.60	ng/L	39.49	ND	84.7	50-145	0.466	25	
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	169	6.40	ng/L	156.8	ND	108	70-145	0.164	25	
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	154	6.40	ng/L	153.6	ND	101	65-155	6.71	25	
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	166	6.40	ng/L	155.5	ND	106	60-150	0.528	25	
Perfluorooctanesulfonamide (PFOSA)	38.1	1.60	ng/L	38.82	ND	98.0	70-145	0.376	25	
N-methyl perfluorooctanesulfonamide (NMeFOSA)	41.8	1.60	ng/L	39.55	ND	106	60-150	3.26	25	
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	42.0	1.60	ng/L	39.09	ND	107	65-145	2.17	25	
N-MeFOSAA (NMeFOSAA)	38.5	1.60	ng/L	39.52	1.16	94.6	50-140	0.367	25	
N-EtFOSAA (NEtFOSAA)	39.2	1.60	ng/L	38.81	ND	101	70-145	5.19	25	
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	425	16.0	ng/L	387.1	ND	110	70-145	3.91	25	
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	403	16.0	ng/L	388.1	ND	104	70-135	4.73	25	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	159	6.40	ng/L	156.5	ND	102	70-140	1.74	25	
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	164	6.40	ng/L	155.5	ND	106	65-145	0.0675	25	

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QUALITY CONTROL
Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B432003 - EPA 1633										
Matrix Spike Dup (B432003-MSD1)		Source: 26F2373-08RE1		Prepared & Analyzed: 07/09/26						
9Cl-PF3ONS	167	6.40	ng/L	157.1	ND	106	70-155	1.04	25	
11Cl-PF3OUdS	144	6.40	ng/L	155.7	ND	92.7	55-160	1.47	25	
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	196	8.00	ng/L	194.0	ND	101	65-130	4.43	25	
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	1130	40.0	ng/L	968.9	ND	117	70-135	6.39	25	
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	1080	40.0	ng/L	981.2	ND	110	50-145	1.73	25	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	86.7	3.20	ng/L	78.39	ND	111	70-140	0.304	25	
Perfluoro-3-methoxypropanoic acid (PFMPA)	83.1	3.20	ng/L	77.66	ND	107	55-140	1.04	25	
Perfluoro-4-methoxybutanoic acid (PFMBA)	79.4	3.20	ng/L	78.37	ND	101	60-150	4.83	25	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	73.6	3.20	ng/L	76.74	ND	95.9	50-150	1.75	25	
Surrogate: 13C4-PFBA	120		ng/L	155.3		77.4	5-130			
Surrogate: 13C5-PFPeA	75.1		ng/L	77.48		97.0	40-130			
Surrogate: 13C5-PFHxA	35.7		ng/L	39.15		91.1	40-130			
Surrogate: 13C4-PFHpA	38.3		ng/L	38.72		98.8	40-130			
Surrogate: 13C8-PFOA	36.7		ng/L	39.32		93.2	40-130			
Surrogate: 13C9-PFNA	15.0		ng/L	19.51		76.8	40-130			
Surrogate: 13C6-PFDA	16.6		ng/L	19.65		84.5	40-130			
Surrogate: 13C7-PFUnA	13.3		ng/L	19.17		69.5	30-130			
Surrogate: 13C2-PFDoA	13.3		ng/L	19.18		69.3	10-130			
Surrogate: 13C2-PFTeDA	13.0		ng/L	19.62		66.5	10-130			
Surrogate: 13C3-PFBS	28.0		ng/L	38.80		72.0	40-135			
Surrogate: 13C3-PFHxS	30.9		ng/L	38.62		79.9	40-130			
Surrogate: 13C8-PFOS	28.9		ng/L	39.15		73.9	40-130			
Surrogate: 13C2-4:2FTS	57.2		ng/L	77.69		73.6	40-200			
Surrogate: 13C2-6:2FTS	60.4		ng/L	77.28		78.2	40-200			
Surrogate: 13C2-8:2FTS	79.5		ng/L	77.69		102	40-300			
Surrogate: 13C8-PFOSA	26.4		ng/L	39.01		67.7	40-130			
Surrogate: D3-NMeFOSA	14.0		ng/L	39.01		36.0	10-130			
Surrogate: D5-NEtFOSA	14.8		ng/L	38.93		37.9	10-130			
Surrogate: D3-NMeFOSAA	44.7		ng/L	77.61		57.7	40-170			
Surrogate: D5-NEtFOSAA	47.3		ng/L	78.08		60.6	25-135			
Surrogate: D7-NMeFOSE	200		ng/L	390.9		51.1	10-130			
Surrogate: D9-NEtFOSE	195		ng/L	386.7		50.4	10-130			
Surrogate: 13C3-HFPO-DA	153		ng/L	156.5		97.6	40-130			

QUALITY CONTROL

8270 Water 14DX by SIM MSSV - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 462069 - EPA 3510C										
BLANK (2487652) Prepared: 07/01/26 Analyzed: 07/02/26										
1,4-Dioxane (p-Dioxane)	ND	0.20	ug/L				-			
Surrogate: 1,4-Dioxane-d8 (S)	0.0038		ug/L	0.010		38	22-115			
LCS (2487653) Prepared: 07/01/26 Analyzed: 07/02/26										
1,4-Dioxane (p-Dioxane)	4.3	0.20	ug/L	10.0		43	13-74			
Surrogate: 1,4-Dioxane-d8 (S)	0.0036		ug/L	0.010		36	22-115			
MS (2489838) Source: 20260616-MW-26D Prepared: 07/01/26 Analyzed: 07/02/26										
1,4-Dioxane (p-Dioxane)	3.7	0.20	ug/L	10.0	0	37	* 40-160			H3, M1
Surrogate: 1,4-Dioxane-d8 (S)	0.0036		ug/L	0.010		36	22-115			
MSD (2489839) Source: 20260616-MW-26D Prepared: 07/01/26 Analyzed: 07/02/26										
1,4-Dioxane (p-Dioxane)	3.8	0.20	ug/L	10.0	0	38	* 40-160	20		H3, M1
Surrogate: 1,4-Dioxane-d8 (S)	0.0034		ug/L	0.010	0.00357	34	22-115			

FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
D-04	Sample extracted at a dilution due to insufficient volume provided.
H-18	Sample was frozen to extend hold time to 90 days.
H3	Sample was received or analysis requested beyond the recognized method holding time.
L-01	Laboratory fortified blank/laboratory control sample recovery outside of control limits. Data validation is not affected since all results are "not detected" for all samples in this batch for this compound and bias is on the high side.
L-05	Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the high side.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
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-23	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 outside of the method specified criteria. Reduced precision anticipated for any reported result for this compound.
PF-17	Extracted Internal Standard recovery is outside of control limits. Data is not significantly affected since associated analyte is not detected and bias is on the high side.
R-06	Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.
S-29	Extracted Internal Standard is outside of control limits.
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.
Z-01	Non-extracted internal standard compound recovery <50%. Possible high bias present on associated extracted internal standard recoveries.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>EPA 1633A in Water</i>	
Perfluorobutanoic acid (PFBA)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluoropentanoic acid (PFPeA)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluorohexanoic acid (PFHxA)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluoroheptanoic acid (PFHpA)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluorooctanoic acid (PFOA)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluorononanoic acid (PFNA)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluorodecanoic acid (PFDA)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluoroundecanoic acid (PFUnA)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluorododecanoic acid (PFDoA)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluorotridecanoic acid (PFTrDA)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluorotetradecanoic acid (PFTeDA)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluorobutanesulfonic acid (PFBS)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluoropentanesulfonic acid (PFPeS)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluorohexanesulfonic acid (PFHxS)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluoroheptanesulfonic acid (PFHpS)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluorooctanesulfonic acid (PFOS)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluorononanesulfonic acid (PFNS)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluorodecanesulfonic acid (PFDS)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluorododecanesulfonic acid (PFDoS)	NY,NH,VA,PA,WV,LA,ME,CT
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	NY,NH,VA,PA,WV,LA,ME,CT
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	NY,NH,VA,PA,WV,LA,ME,CT
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluorooctanesulfonamide (PFOSA)	NY,NH,VA,PA,WV,LA,ME,CT
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NY,NH,VA,PA,WV,LA,ME,CT
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NY,NH,VA,PA,WV,LA,ME,CT
N-MeFOSAA (NMeFOSAA)	NY,NH,VA,PA,WV,LA,ME,CT
N-EtFOSAA (NEtFOSAA)	NY,NH,VA,PA,WV,LA,ME,CT
N-methylperfluorooctanesulfonamidoethanol(NMeFOSE)	NY,NH,VA,PA,WV,LA,ME,CT
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	NY,NH,VA,PA,WV,LA,ME,CT
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NY,NH,VA,PA,WV,LA,ME,CT
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NY,NH,VA,PA,WV,LA,ME,CT
9Cl-PF3ONS	NY,NH,VA,PA,WV,LA,ME,CT
11Cl-PF3OUdS	NY,NH,VA,PA,WV,LA,ME,CT
3-Perfluoropropyl propanoic acid (FPrPA)(3:3FTCA)	NY,NH,VA,PA,WV,LA,ME,CT
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	NY,NH,VA,PA,WV,LA,ME,CT
3-Perfluoroheptyl propanoic acid (FHpPA)(7:3FTCA)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluoro-3-methoxypropanoic acid (PFMPA)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluoro-4-methoxybutanoic acid (PFMBA)	NY,NH,VA,PA,WV,LA,ME,CT
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NY,NH,VA,PA,WV,LA,ME,CT
<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

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CERTIFICATIONS

Certified Analyses included in this Report

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

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

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Water	
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	04/1/2027
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2027
NJ	New Jersey DEP	MA007	06/30/2027
ME	State of Maine	MA00100	06/9/2027
VA	Commonwealth of Virginia	460217	09/30/2026
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2027
WV	West Virginia DEP Division of Water and Waste Management	419	08/31/2026
LA	State of Louisiana Dept. of Env. Quality Office of Env. Services	05130	06/30/2027



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

Company Name: NYS DEC

Consultant: NYS DEC

Consultant Address: 625 Broadway, Albany, NY 12233

Consultant Phone: 518-402-1980

Project Location: Farmingdale Plaza, Farmingdale, NY

Callout Number: 15188

Site/Spill Number: 150107

Project Manager: Sankari Samanth

Pace Analytical Quote Name/Number: 5702-14

Invoice Recipient: NYS DEC

Sampled By: Sankari Samanth

Client Sample ID / Description

Beginning Date/Time

Ending Date/Time

Composite

Grab

Matrix Code

Conc Code

Requesting Date/Time

Requesting Date/Time

Requesting Date/Time

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Comments:

Highway bridge at MW-49C

Relinquished by: (signature) *Sankari Samanth*

Received by: (signature) *NYS DEC*

Relinquished by: (signature) *NYS DEC*

Received by: (signature) *NYS DEC*

Relinquished by: (signature) *NYS DEC*

Received by: (signature) *NYS DEC*

Relinquished by: (signature) *NYS DEC*

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Received by: (signature) *NYS DEC*

Program & Regulatory Information

AWQ STDS

NY TOGS

NY CP-51

NYC Sewer Discharge

Part 360 GW (Landfill)

NY Restricted Use

NY Unrestricted Use

NY Part 375

Other:

Enhanced Data Package

NYSDEC EQUIS EDD

EQUIS (Standard) EDD

NY Regulatory EDD

NY Regs Hits-Only EDD

Other:



NEAC and AHA-LAP, LLC Accredited

Other:

Relinquished by: (signature) *Sankari Samanth*

Received by: (signature) *NYS DEC*

Relinquished by: (signature) *NYS DEC*

Received by: (signature) *NYS DEC*

Relinquished by: (signature) *NYS DEC*

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CHARTER OF CONDUCT RECORD (New York)

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

Company Name: NY SDEC

Consultant Address: 625 Broadway, Albany, NY 12233

Consultant Phone: 518-402-9806

Facility Name: Farmington State Prison

Project Location: Farmington State Prison

Callout Number: 120101

Site/Spill Number: 120101

Project Manager: Sankar Samarth

Pace Analytical Quote Name/Number: SIO 214

Invoice Recipient: NY SDEC

Sampled By: Sankar Samarth

Due Date: DEC Standard 30-calendar day

Format: PDF EXCEL

Other: CLP Like (Level 4) Data Pkg Required:

Email To: Sankar Samarth

Fax To #:

Pace Analytical Work Order	Client Sample ID / Description	Beginning Date / Time	Ending Date / Time	Composite	Grab	Matrix Code	Conc Code
7	20260616-MW-26D	6/16/26 16:05	6/16/26 16:05	X	X	GW	U
8	20260616-MW-26C	6/16/26 15:05	6/16/26 15:05	X	X	GW	U
9	20260616-EW	6/16/26 10:05	6/16/26 10:05	X	X	GW	U
10	20260616-MW-37C	6/17/26 11:05	6/17/26 11:05	X	X	GW	U
11	20260616-MW-46C	6/17/26 12:52	6/17/26 12:52	X	X	GW	U
12	DUP-1633A	6/16/26 16:05	6/16/26 16:05	X	X	GW	U
13	DUP-6220E	6/16/26 16:05	6/16/26 16:05	X	X	GW	U
14	MSMSD-1633A	6/16/26 15:05	6/16/26 15:05	X	X	GW	U
15	MSMSD-1633A	6/16/26 15:05	6/16/26 15:05	X	X	GW	U
16	MSMSD-1633A	6/16/26 16:05	6/16/26 16:05	X	X	GW	U

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

Relinquished by: (signature)	Date/Time: 6/17/26 14:00
Received by: (signature)	Date/Time: 6/17/26 14:03
Relinquished by: (signature)	Date/Time: 6/17/26 18:00
Received by: (signature)	Date/Time: 6/17/26 19:20
Relinquished by: (signature)	Date/Time: 6/17/26 22:00
Received by: (signature)	Date/Time: 6/17/26 22:00

Relinquished by: (signature)	Date/Time: 6/17/26 14:00
Received by: (signature)	Date/Time: 6/17/26 14:03
Relinquished by: (signature)	Date/Time: 6/17/26 18:00
Received by: (signature)	Date/Time: 6/17/26 19:20
Relinquished by: (signature)	Date/Time: 6/17/26 22:00
Received by: (signature)	Date/Time: 6/17/26 22:00

Relinquished by: (signature)	Date/Time: 6/17/26 14:00
Received by: (signature)	Date/Time: 6/17/26 14:03
Relinquished by: (signature)	Date/Time: 6/17/26 18:00
Received by: (signature)	Date/Time: 6/17/26 19:20
Relinquished by: (signature)	Date/Time: 6/17/26 22:00
Received by: (signature)	Date/Time: 6/17/26 22:00

Relinquished by: (signature)	Date/Time: 6/17/26 14:00
Received by: (signature)	Date/Time: 6/17/26 14:03
Relinquished by: (signature)	Date/Time: 6/17/26 18:00
Received by: (signature)	Date/Time: 6/17/26 19:20
Relinquished by: (signature)	Date/Time: 6/17/26 22:00
Received by: (signature)	Date/Time: 6/17/26 22:00

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

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	C / A	C / A	C / A	C / A	Unp.	HCl	H ₂ SO ₄	Unp.	Phos.	HCl	H ₂ SO ₄	Unp.	H ₂ SO ₄	Unp.	H ₂ SO ₄	HN0 ₃	Amm. Ace	NaOH	NaOH+ZnAce	Unp.	25g	5g	Unp.	Bag		Bac/ Col	Unp.	HCl	MeOH	DI	NaHSO ₄	H ₂ SO ₄	Asc. Acid	Unp.	HCl																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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July 06, 2026

Raymond McCarthy
Pace East Longmeadow
39 Spruce St.
East Longmeadow, MA 01028

RE: Project: 26F2373
Pace Project No.: 70433367

Dear Raymond McCarthy:

Enclosed are the analytical results for sample(s) received by the laboratory on July 01, 2026. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Melville

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Alexandria Correa
alexandria.correa@pacelabs.com
(516) 370-6000
Project Manager

Enclosures

cc: Robby Cavers, Pace East Longmeadow
Lisa Worthington, Pace East Longmeadow
elon reports, Pace East Longmeadow



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 26F2373
Pace Project No.: 70433367

Pace Analytical Services, LLC - Melville, NY

575 Broad Hollow Rd, Melville, NY 11747
Delaware Certification # NY 10478
Massachusetts Certification #: M-NY026
New Jersey Certification #: NY158
Pennsylvania Certification #: 68-00350
Texas Certification #: T104704582
Vermont Certification #: VT-10478

Connecticut Certification #: PH-0435
Maryland Certification #: 208
New Hampshire Certification #: 2987
New York Certification #: 10478 Primary Accrediting Body
Rhode Island Certification #: LAO00340
Florida Certification #: E871198

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 26F2373
Pace Project No.: 70433367

Method: EPA 8270E SIM
Description: 8270 MSSV 1,4 Dioxane by SIM
Client: Pace East Longmeadow, MA
Date: July 06, 2026

General Information:

8 samples were analyzed for EPA 8270E SIM by Pace Analytical Services Melville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

H3: Sample was received or analysis requested beyond the recognized method holding time.

- 20260616-EW (Lab ID: 70433367005)
- 20260616-MW-26C (Lab ID: 70433367004)
- 20260616-MW-26D (Lab ID: 70433367003)
- 20260616-MW-37C (Lab ID: 70433367006)
- 20260616-MW-46C (Lab ID: 70433367007)
- 20260616-MW-48D (Lab ID: 70433367002)
- 20260616-MW-49C (Lab ID: 70433367001)
- DUP-8270E (Lab ID: 70433367008)

Sample Preparation:

The samples were prepared in accordance with EPA 3510C with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Extracted Internal Standards:

All extracted internal standards were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 462069

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 70433367003

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 2489838)
 - 1,4-Dioxane (p-Dioxane)
- MSD (Lab ID: 2489839)
 - 1,4-Dioxane (p-Dioxane)

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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Date: 07/06/2026 11:41 AM



PROJECT NARRATIVE

Project: 26F2373
Pace Project No.: 70433367

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 26F2373
Pace Project No.: 70433367

Sample: 20260616-MW-49C Lab ID: 70433367001 Collected: 06/17/26 09:16 Received: 07/01/26 06:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV 1,4 Dioxane by SIM								
Analytical Method: EPA 8270E SIM Preparation Method: EPA 3510C Pace Analytical Services - Melville								
1,4-Dioxane (p-Dioxane)	<0.20	ug/L	0.20	1	07/01/26 07:00	07/02/26 16:48	123-91-1	H3
Surrogates								
1,4-Dioxane-d8 (S)	37	%	22-115	1	07/01/26 07:00	07/02/26 16:48		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 26F2373
Pace Project No.: 70433367

Sample: 20260616-MW-48D Lab ID: 70433367002 Collected: 06/17/26 10:54 Received: 07/01/26 06:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV 1,4 Dioxane by SIM								
Analytical Method: EPA 8270E SIM Preparation Method: EPA 3510C Pace Analytical Services - Melville								
1,4-Dioxane (p-Dioxane)	<0.20	ug/L	0.20	1	07/01/26 07:00	07/02/26 17:06	123-91-1	H3
Surrogates								
1,4-Dioxane-d8 (S)	35	%	22-115	1	07/01/26 07:00	07/02/26 17:06		

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ANALYTICAL RESULTS

Project: 26F2373
Pace Project No.: 70433367

Sample: 20260616-MW-26D Lab ID: 70433367003 Collected: 06/17/26 16:05 Received: 07/01/26 06:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV 1,4 Dioxane by SIM								
Analytical Method: EPA 8270E SIM Preparation Method: EPA 3510C Pace Analytical Services - Melville								
1,4-Dioxane (p-Dioxane)	<0.20	ug/L	0.20	1	07/01/26 07:00	07/02/26 17:24	123-91-1	H3,M1
Surrogates								
1,4-Dioxane-d8 (S)	33	%	22-115	1	07/01/26 07:00	07/02/26 17:24		

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ANALYTICAL RESULTS

Project: 26F2373
Pace Project No.: 70433367

Sample: 20260616-MW-26C Lab ID: 70433367004 Collected: 06/17/26 15:05 Received: 07/01/26 06:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV 1,4 Dioxane by SIM								
Analytical Method: EPA 8270E SIM Preparation Method: EPA 3510C Pace Analytical Services - Melville								
1,4-Dioxane (p-Dioxane)	0.64	ug/L	0.20	1	07/01/26 07:00	07/02/26 18:19	123-91-1	H3
Surrogates								
1,4-Dioxane-d8 (S)	31	%	22-115	1	07/01/26 07:00	07/02/26 18:19		

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ANALYTICAL RESULTS

Project: 26F2373
Pace Project No.: 70433367

Sample: 20260616-EW Lab ID: 70433367005 Collected: 06/17/26 10:07 Received: 07/01/26 06:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV 1,4 Dioxane by SIM								
Analytical Method: EPA 8270E SIM Preparation Method: EPA 3510C Pace Analytical Services - Melville								
1,4-Dioxane (p-Dioxane)	<0.20	ug/L	0.20	1	07/01/26 07:00	07/02/26 18:37	123-91-1	H3
Surrogates								
1,4-Dioxane-d8 (S)	32	%	22-115	1	07/01/26 07:00	07/02/26 18:37		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 26F2373
Pace Project No.: 70433367

Sample: 20260616-MW-37C Lab ID: 70433367006 Collected: 06/17/26 11:05 Received: 07/01/26 06:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV 1,4 Dioxane by SIM								
Analytical Method: EPA 8270E SIM Preparation Method: EPA 3510C Pace Analytical Services - Melville								
1,4-Dioxane (p-Dioxane)	<0.20	ug/L	0.20	1	07/01/26 07:00	07/02/26 18:55	123-91-1	H3
Surrogates								
1,4-Dioxane-d8 (S)	34	%	22-115	1	07/01/26 07:00	07/02/26 18:55		

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ANALYTICAL RESULTS

Project: 26F2373
Pace Project No.: 70433367

Sample: 20260616-MW-46C Lab ID: 70433367007 Collected: 06/17/26 12:52 Received: 07/01/26 06:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV 1,4 Dioxane by SIM								
Analytical Method: EPA 8270E SIM Preparation Method: EPA 3510C Pace Analytical Services - Melville								
1,4-Dioxane (p-Dioxane)	<0.20	ug/L	0.20	1	07/01/26 07:00	07/02/26 19:13	123-91-1	H3
Surrogates								
1,4-Dioxane-d8 (S)	37	%	22-115	1	07/01/26 07:00	07/02/26 19:13		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 26F2373
Pace Project No.: 70433367

Sample: DUP-8270E Lab ID: 70433367008 Collected: 06/16/26 00:00 Received: 07/01/26 06:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV 1,4 Dioxane by SIM								
Analytical Method: EPA 8270E SIM Preparation Method: EPA 3510C Pace Analytical Services - Melville								
1,4-Dioxane (p-Dioxane)	<0.20	ug/L	0.20	1	07/01/26 07:00	07/02/26 19:32	123-91-1	H3
Surrogates								
1,4-Dioxane-d8 (S)	33	%	22-115	1	07/01/26 07:00	07/02/26 19:32		

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QUALITY CONTROL DATA

Project: 26F2373

Pace Project No.: 70433367

QC Batch 462069

QC Batch Method: EPA 3510C

Analysis Method: EPA 8270E SIM

Analysis Description: 8270 Water 14DX by SIM MSSV

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70433367001, 70433367002, 70433367003, 70433367004, 70433367005, 70433367006, 70433367007, 70433367008

METHOD BLANK: 2487652

Matrix: Water

Associated Lab Samples: 70433367001, 70433367002, 70433367003, 70433367004, 70433367005, 70433367006, 70433367007, 70433367008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,4-Dioxane (p-Dioxane)	ug/L	<0.20	0.20	07/02/26 15:35	
1,4-Dioxane-d8 (S)	%	38	22-115	07/02/26 15:35	

LABORATORY CONTROL SAMPLE: 2487653

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dioxane (p-Dioxane)	ug/L	10	4.3	43	13-74	
1,4-Dioxane-d8 (S)	%			36	22-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2489838

2489839

Parameter	Units	70433367003 Result	MS Spike Conc.	MS Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,4-Dioxane (p-Dioxane)	ug/L	<0.20	10	10	3.7	3.8	37	38	40-160	1	H3,M1
1,4-Dioxane-d8 (S)	%						36	34	22-115		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALIFIERS

Project: 26F2373
Pace Project No.: 70433367

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.
ND - Not Detected at or above adjusted reporting limit.
TNTC - Too Numerous To Count
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.
MDL - Adjusted Method Detection Limit.
PQL - Practical Quantitation Limit.
RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.
S - Surrogate
1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
LCS(D) - Laboratory Control Sample (Duplicate)
MS(D) - Matrix Spike (Duplicate)
DUP - Sample Duplicate
RPD - Relative Percent Difference
NC - Not Calculable.
SG - Silica Gel - Clean-Up
U - Indicates the compound was analyzed for, but not detected.
N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.
Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.
Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.
TNI - The NELAC Institute.

ANALYTE QUALIFIERS

H3	Sample was received or analysis requested beyond the recognized method holding time.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 26F2373
Pace Project No.: 70433367

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70433367001	20260616-MW-49C	EPA 3510C	462069	EPA 8270E SIM	462184
70433367002	20260616-MW-48D	EPA 3510C	462069	EPA 8270E SIM	462184
70433367003	20260616-MW-26D	EPA 3510C	462069	EPA 8270E SIM	462184
70433367004	20260616-MW-26C	EPA 3510C	462069	EPA 8270E SIM	462184
70433367005	20260616-EW	EPA 3510C	462069	EPA 8270E SIM	462184
70433367006	20260616-MW-37C	EPA 3510C	462069	EPA 8270E SIM	462184
70433367007	20260616-MW-46C	EPA 3510C	462069	EPA 8270E SIM	462184
70433367008	DUP-8270E	EPA 3510C	462069	EPA 8270E SIM	462184

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W0#: 70433367



70433367

TRACT CHAIN OF CUSTODY

Pace New England

26F2373

ELITE

SENDING LABORATORY:

Pace New England
39 Spruce Street
East Longmeadow, MA 01028
Phone: 413.525.2332
Fax: 413.525.6405
Project Manager: Raymond J. McCarthy

RECEIVING LABORATORY:

Pace Melville, NY
575 Broad Hollow Road
Melville, NY 11747
Phone: (516) 370-6000
Fax: -

Project Location: New York

PWSID#:

Analysis	Sample Name	Due	Expires	Comments
Sample ID: 26F2373-01 20260616-MW-49C				
S-Miscellaneous 1		Water	Sampled: 06/17/26 09:16	
		07/09/26 14:00	07/01/26 09:16	1,4 Dioxane with 100ml containers
<i>Containers Supplied:</i>				
100 mL Amber (C)	100 mL Amber (D)			
Sample ID: 26F2373-02 20260616-MW-48D				
S-Miscellaneous 1		Water	Sampled: 06/17/26 10:54	
		07/09/26 14:00	07/01/26 10:54	1,4 Dioxane with 100ml containers
<i>Containers Supplied:</i>				
100 mL Amber (C)	100 mL Amber (D)			
Sample ID: 26F2373-07 20260616-MW-26D				
S-Miscellaneous 1		Water	Sampled: 06/17/26 16:05	MS/MSD
		07/09/26 14:00	07/01/26 16:05	1,4 Dioxane with 100ml containers, MS/MSD
<i>Containers Supplied:</i>				
100 mL Amber (C)	100 mL Amber (D)	100 mL Amber (E)	100 mL Amber (F)	
Sample ID: 26F2373-08 20260616-MW-26C				
S-Miscellaneous 1		Water	Sampled: 06/17/26 15:05	MS/MSD
		07/09/26 14:00	07/01/26 15:05	1,4 Dioxane with 100ml containers
<i>Containers Supplied:</i>				
100 mL Amber (G)	100 mL Amber (H)			
Sample ID: 26F2373-09 20260616-EW				
S-Miscellaneous 1		Water	Sampled: 06/17/26 10:07	
		07/09/26 14:00	07/01/26 10:07	1,4 Dioxane with 100ml containers
<i>Containers Supplied:</i>				
100 mL Amber (C)	100 mL Amber (D)			
Sample ID: 26F2373-10 20260616-MW-37C				
S-Miscellaneous 1		Water	Sampled: 06/17/26 11:05	
		07/09/26 14:00	07/01/26 11:05	1,4 Dioxane with 100ml containers
<i>Containers Supplied:</i>				
100 mL Amber (C)	100 mL Amber (D)			

Dangyan

Released By

6/30/26

Date

Relly PWR

Received By

6-30-26 19:38

Date

Released By

Relly PWR 6-30-26 22:26

Date

NE PaceLI 7/1/26 6:00 1.6°C

Received By

Date

ELITE

SUBCONTRACT CHAIN OF CUSTODY

Pace New England

26F2373

ELITE

Analysis	Sample Name	Due	Expires	Comments
Sample ID: 26F2373-11 20260616-MW-46C				
		Water	Sampled: 06/17/26 12:52	
S-Miscellaneous 1		07/09/26 14:00	07/01/26 12:52	1,4 Dioxane with 100ml containers
<i>Containers Supplied:</i>				
100 mL Amber (C)	100 mL Amber (D)			
Sample ID: 26F2373-13 DUP-8270E				
		Water	Sampled: 06/16/26 00:00	
S-Miscellaneous 1		07/09/26 14:00	06/30/26 00:00	1,4 Dioxane with 100ml containers
<i>Containers Supplied:</i>				
100 mL Amber (A)	100 mL Amber (B)			

Danajah

Released By

6/30/26

Date

Relin P. Niles

Received By

6-30-26 19:38

Date

Relin P. Niles

6-30-26 22:26

Date

NF PACE LI 7/1/26 6:00 1.6°C

Received By

Date

Released By

DC#_Title: ENV-FRM-MELV-0024 v08_SCUR

Effective Date: 5/12/2026

WO# : 70433361**PM: ALC****Due Date: 07/13/26**

Client Name:

Pace-CON

Project #

CLIENT: Pace-CONCourier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☒ Pace ☐ Other

Tracking #:

Custody Seal on Cooler/Box Present: ☐ Yes ☒ No Seals intact: ☐ Yes ☒ No Temperature Blank Present: ☐ Yes ☒ NoPacking Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ Ziploc ☐ None ☐ Other Type of Ice: ☒ Wet ☐ Blue ☐ NoneThermometer Used: **1.6** Correction Factor: **1.0** ☒ Samples on ice, cooling process has begunCooler Temperature(°C): **1.6** Cooler Temperature Corrected(°C): **1.6** Date/Time 5035A kits placed in freezer

Temp should be above freezing to 6.0°C

USDA Regulated Soil ☒ N/A, water sample)Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ Yes ☐ NoDid samples originate from a foreign source including Hawaii and Puerto Rico)? ☐ Yes ☐ No**If Yes to either question, fill out a Regulated Soil Checklist (ENV-FRM-MELV-0076) and include with SCUR/COC paperwork.****Date and Initials of person examining contents:**

	COMMENTS:
Chain of Custody Present: ☒ Yes ☐ No	1.
Chain of Custody Filled Out: ☒ Yes ☐ No	2.
Chain of Custody Relinquished: ☒ Yes ☐ No	3.
Sampler Name & Signature on COC: ☒ Yes ☐ No ☐ N/A	4.
Samples Arrived within Hold Time: ☒ Yes ☐ No	5.
Short Hold Time Analysis (<72hr): ☐ Yes ☒ No	6.
Rush Turn Around Time Requested: ☐ Yes ☒ No	7.
Sufficient Volume: (Triple volume provided for MS/MSD) ☒ Yes ☐ No	8.
Correct Containers Used: ☒ Yes ☐ No	9.
-Pace Containers Used: ☒ Yes ☐ No	10.
Containers Intact: ☒ Yes ☐ No	11.
Filtered volume received for Dissolved tests ☐ Yes ☐ No ☐ N/A	12.
Sample Labels match COC: ☒ Yes ☐ No	
-Includes date/time/ID/Analysis Matrix: SL WT OIL OTHER	

Date and Initials of person checking preservation:

All containers needing preservation have been checked? ☐ Yes ☐ No ☐ N/A	13.	☐ HNO ₃ ☐ H ₂ SO ₄ ☐ NaOH ☐ HCl
pH paper Lot #	Sample #	
All containers needing preservation are found to be in compliance with method recommendation? (HNO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide, ☐ Yes ☐ No ☐ N/A)		
NAOH>12 Cyanide)		
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water).		
Per Method, VOA pH is checked after analysis	Initial when completed:	Lot # of added preservative:
Samples checked for dechlorination: ☐ Yes ☐ No ☐ N/A	14.	Date/Time preservative added:
KI starch test strips Lot #		
Residual chlorine strips Lot #	Positive for Res. Chlorine? Y N	
SM 4500 CN samples checked for sulfide? ☐ Yes ☐ No ☐ N/A	15.	
Lead Acetate Strips Lot #	Positive for Sulfide? Y N	
Headspace in ALK Bottle (>6mm): ☐ Yes ☐ No ☐ N/A	16.	
Headspace in VOA Vials (>6mm): ☐ Yes ☐ No ☐ N/A	17.	
Trip Blank Present: ☐ Yes ☐ No ☐ N/A		
Trip Blank Custody Seals Present ☐ Yes ☐ No ☐ N/A		

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted:

Date/Time:

Comments/ Resolution:

* PM (Project Manager) review (which includes the SCUR) is documented electronically in LIMS.