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2025 THIRD QUARTER GROUNDWATER MONITORING REPORT CLAREMONT POLYCHEMICAL CORPORATION SITE

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CONTENTS

1.	Introduction	4
2.	Site Background	5
2.1	Site History	5
2.2	Location	8
2.3	Site Hydrogeological Setting	8
3.	Groundwater Extraction And Treatment System	10
3.1	Groundwater Extraction and Treatment System Description	10
3.1.1	GWE&T System Extraction Wells	10
3.1.2	GWE&T System - Path of Remediation	11
3.1.3	GWE&T System Operating Permits	12
3.2	Groundwater Extraction and Treatment System Performance Evaluation	12
3.2.1	Flow Rate	12
3.2.2	Groundwater Extraction and Treatment System Contaminant Removal	13
3.2.3	Groundwater Extraction and Treatment System Discharge Monitoring	14
3.3	Plant Process Water Emerging Contaminant Sampling	15
4.	Groundwater Monitoring Program	16
4.1	Hydrologic Data	17
4.2	Groundwater Sample Collection	18
4.3	Groundwater Analytical Results	18
4.3.1	Groundwater VOC Analytical Results	18
4.3.2	Groundwater Emerging Contaminant Results	19
4.3.3	Evaluation of Plumes	20
4.3.4	Comparison to Historic Groundwater Quality	22
5.	Conclusions and Recommendations	24
5.1	Conclusions	24
5.2	Recommendations	25
6.	References	26

LIST OF TABLES

1. CPC Operable Units
2. Extraction Well Construction Details
3. Recovery Well Monthly Flow Summary for this Quarter
4. Average Daily Flow by Month for this Quarter Summary
5. VOC Mass Removed per Quarter for 2019 through 2024 (kg)
6. Average Monthly Discharge pH
7. 4Q2024 Process Water EC Exceedances
8. Monitoring Well VOC Exceedances (in µg/L)
9. Monitoring Well Emerging Contaminant Exceedances
10. PCE and TCE Concentration Trends in Select Monitoring Wells

LIST OF FIGURES

1. Site Location Figure
2. Wells Sampled
3. August 2025 Potentiometric Surface – Upper Magothy
4. August 2025 Potentiometric Surface – Middle Magothy.
5. August 2025 Potentiometric Surface – Lower Magothy
6. Chlorinated VOC Concentrations in Effluent
7. 1,4-Dioxane Exceedances in Process Samples
8. PFAS Exceedances in Process Samples
9. Chlorinated VOC Concentrations in DW-1
10. Chlorinated VOC Concentrations in SW-1
11. Chlorinated VOC Concentrations in EW-1A
12. Chlorinated VOC Concentrations in EW-5
13. Chlorinated VOC Concentrations in EW-4A
14. Chlorinated VOC Concentrations in EW-4B
15. Chlorinated VOC Concentrations in EW-4C
16. Chlorinated VOC Concentrations in EW-4D
17. Chlorinated VOC Concentrations in EW-7C
18. Chlorinated VOC Concentrations in EW-7D
19. Chlorinated VOC Concentrations in MW-10D
20. Chlorinated VOC Concentrations in EW-12D
21. Chlorinated VOC Concentrations in EW-14D
22. Chlorinated VOC Concentrations in BP-3A
23. Chlorinated VOC Concentrations in BP-3B
24. Chlorinated VOC Concentrations in BP-3C
25. Chlorinated VOC Concentrations in MW-11A
26. Chlorinated VOC Concentrations in MW-11B
27. Chlorinated VOC Concentrations in MW-7B-R
28. Chlorinated VOC Concentrations in RW-3
29. Chlorinated VOC Concentrations in RW-4
30. Chlorinated VOC Concentrations in RW-5
31. Chlorinated VOC Concentrations in Influent
32. VOC Exceedances in Sentinel Wells
33. 1,4-Dioxane Exceedances in Sentinel Wells
34. PFAS Exceedances in Sentinel Wells

- 35. August 2025 Tetrachloroethene (PCE) Plume
- 36. August 2025 Trichloroethene (TCE) Plume
- 37. Cross Section A – A'
- 38. Cross Section B – B'
- 39. Detected Chlorinated Breakdown Product

LIST OF ATTACHMENTS

- A. Synoptic Water Level Data
- B. Summary of Analytical Results
- B1. Summary of Emerging Contaminant Samples
- C. Laboratory Data Deliverable
- D. Field Documentation

1. INTRODUCTION

This quarterly groundwater monitoring report, prepared by Ramboll Americas Engineering Solutions, Inc. (Ramboll), presents groundwater sampling analytical results for the third quarter of 2025 (July through September) and supporting information on the history, groundwater extraction and treatment (GWE&T) system configuration and hydrogeologic conditions at the Claremont Polychemical Corporation Site (NYSDEC Site #130015); hereinafter referred to as "CPC" or the "Site" (**Figure 1**).

The groundwater monitoring event was historically part of the on-going site management and long-term monitoring (LTM) activities associated with Work Assignments #28 and #43 under contract to Henningson, Durham & Richardson Architecture and Engineering, P.C. (HDR). In March 2022, the quarterly collection of ground water samples and the preparation of this deliverable were transferred to WA#24, under Ramboll's contract (D009810), and includes the following:

- Brief overview of historical Site activities;
- Discussion of the on-site GWE&T system including discharge monitoring;
- Hydrological data;
- Brief description of the field activities;
- Analytical results of monitoring well sampling, specifically those for chlorinated volatile organic compounds (VOCs) including trends and plume evaluation;
- Analytical results of the six monitoring wells installed in the downgradient investigation for VOCs, and emerging contaminants including per- and polyfluoroalkyl substances (PFAS) and 1,4-dioxane; and
- Conclusions and Recommendations.

2. SITE BACKGROUND

2.1 Site History

Claremont Polychemical Corporation, a former manufacturer of pigments for plastics and inks, coated metal flakes, and vinyl stabilizers, operated at the Site from 1966 to 1980. According to the "Second Five-Year Review Report for Claremont Polychemical Corporation" prepared by the United States Environmental Protection Agency (USEPA), dated March 2014, during its operation, CPC disposed of liquid waste in three leaching basins and deposited solid wastes and treatment sludges in drums or in above ground metal tanks. The principal wastes generated were organic solvents, resins, and wash wastes (mineral spirits). A solvent recovery system (steam distillation), two pigment dust collectors and a sump were located inside the Process Building. Five concrete treatment basins, each with a capacity of 5,000 gallons which contained sediments and water, were to the west of the building. Six above ground tanks, three of which contained wastes, were located east of the building.

Other features included an underground tank farm, construction and demolition debris, drywells, and a water supply well (USEPA 2014).

In 1979, the Nassau County Department of Health (NCDH) found 2,000 to 3,000 drums of inks, resins, and organic solvents throughout the Site during a series of inspections. Inspectors identified releases associated with damaged or mishandled drums in several areas including one larger release located east of the Process Building (referred to as the "spill area"). CPC sorted and removed the drums in 1980 (USEPA 2014). In October 1980, the New York State Department of Environmental Conservation (NYSDEC) ordered CPC to commence clean-up activities at the Site. CPC did not perform the clean-up activities required by NYSDEC and CPC ceased operations at the Site in 1980 (USEPA 2014). USEPA proposed the Site for listing on the National Priorities List (NPL) in October 1984 (because of CPC's refusal to perform the clean-up) and CPC was subsequently listed on the NPL as a Superfund site in June 1986.

A Remedial Investigation Feasibility Study (RI/FS) was initiated in March 1988 under the oversight of the USEPA. Surface and subsurface soil, groundwater, underground storage tanks, and the Process Building were sampled as part of the RI. The RI/FS reports were released to the public in August 1990. The RI/FS findings indicated that on-site soils contaminated with tetrachloroethylene (PCE), located in the former "spill area", constituted a potential threat to groundwater resources. The spill area is adjacent to and east of the former Process Building. Other VOCs including 2-butanone, toluene, xylene, 1,2-Dichloroethane (DCE), trichloroethene (TCE), 1,1,1-trichloroethane (TCA), ethylbenzene, 1,2-dichloroethane (DCA), methylene chloride, and vinyl chloride were detected in groundwater at concentrations exceeding federal and state standards. USEPA issued two Records of Decision (RODs) signed in September 1989 and September 1990 and two Explanations of Significant Differences (ESDs) signed in September 2000 and April 2003 since completion of the RI/FS. The operable units (OUs) addressed by the RODs and ESDs are described in Table 1.

Table 1 – CPC Operable Units

Operable Unit	Description	Remedy
OU-1	Treatment and removal of wastes in 14 underground storage tanks	14 USTs and contents removed. Achieved cleanup levels allowing for unlimited use and unrestricted exposure.
OU-2	Wastes stabilized during the Sept. 1988 removal action	Testing, consolidation, treatment, and disposal of wastes in containers and basins performed. Achieved unlimited use and unrestricted exposure, later changed to commercial/light industrial because of remaining contamination below the building. 2003 ESD added additional remedial actions for OU-2 under the former Process Building including an SVE system and using the building’s concrete slab as a cap for cadmium contaminated soil.
OU-3	Soil contaminated with PCE at the “spill area”	Approximately 8,800 tons of PCE contaminated soils excavated, treated, and backfilled on Site. Achieved cleanup levels allowing for unlimited use and unrestricted exposure.
OU-4	Contaminated groundwater on the CPC property	Extraction and treatment of groundwater via metals precipitation, air stripping and carbon adsorption. On-site reinjection.
OU-5	Contaminated groundwater offsite of the CPC property.	Extraction and treatment of groundwater via air stripping and off-site reinjection using the Old Bethpage Landfill treatment system extraction wells south-southeast of the CPC Site.
OU-6	Decontamination of the former Process Building	Vacuuming and dusting surfaces, asbestos abatement, pressure washing walls and interior surfaces. Achieved cleanup levels allowing for unlimited use and unrestricted exposure.

A GWE&T system was installed on-site by the USEPA and United States Army Corps of Engineers (USACE) to hydraulically contain VOCs in groundwater as the OU-4 remedy. GWE&T system operation began in February 2000, reportedly pumping and treating over 400 gallons per day (gpd). SAIC Inc. (SAIC) operated and maintained the GWE&T system, collected plant effluent samples, and performed quarterly groundwater sampling at 41 wells from 2000 to May 2011. In May 2011, the project was transferred from the USACE/USEPA to the NYSDEC. NYSDEC then contracted the same scope of work as SAIC to HRP Associates, Inc. (HRP) from May 2011 to

August 2015, HDR from September 1, 2015, through February 28, 2022 and Ramboll from March 1, 2022 to present.

USEPA issued an Explanation of Significant Differences (ESD) on September 29, 2000, that the Old Bethpage Landfill's (OBL) GWE&T was inadvertently capturing the CPC OU-5 off-site groundwater plume; therefore, the OBL GWE&T would be used to capture the off-site plume instead of constructing a new treatment facility. At that time the Town of Oyster Bay owned and operated the OBL GWE&T (USEPA 2000).

The Town of Oyster Bay operated the OBL GWE&T under a Municipal Response Action Reimbursement Agreement for treating the contaminated groundwater associated with CPC OU-5 from January 1997 through January 2007, followed by a State Assistance Contract (SAC No. C303223) from January 2007 through 2017. The NYSDEC terminated the SAC with the Town of Oyster Bay in August 2016 in a Site Transfer Agreement that outlined the schedule, terms, and responsibilities of the transfer (NYSDEC 2016).

NYSDEC's Division of Environmental Remediation (DER) issued Work Assignment (WA# 28) to HDR for CPC OU-5, the purpose being to transfer operations, maintenance, and monitoring of the OBL/CPC OU-5 GWE&T from Town of Oyster Bay's consultant Lockwood, Kessler & Barlett, Inc. (LKB) to HDR. In October 2016, the OU-4 GWE&T was shut down, and HDR took over the operation of the OBL/OU-5 GWE&T. At that time, NYSDEC had also given the Town of Oyster Bay permission to discontinue treatment for the OBL plume which involved shutting down recovery wells RW-1 and RW-2. HDR continued operations, maintenance, and monitoring activities (collectively Site Management or SM) for CPC OU-5 consisting of former OBL GWE&T recovery wells RW-3, RW-4, and RW-5 for the period October 1, 2016 through February 28, 2018. A series of amendments (#1 through #3) were subsequently approved which allowed for HDR to continue operations and maintenance through February 28, 2022. On March 1, 2022, SM was transferred to Ramboll via WA#24, under Ramboll's contract (D009810).

In 2018 a RI downgradient from the Site was performed by HDR. This RI was conducted to further delineate the extent of off-site VOC contamination in the underlying aquifers and to evaluate the potential for contamination to reach downgradient public supply wells. The investigation involved installation of six vertical profile borings (VPBs) with push ahead groundwater sampling up to 450 ft. below ground surface (bgs), and installation and sampling of six permanent monitoring wells. The RI field activities were conducted in two phases from July 2018 through November 2018 for the installation of the first four VPBs south southeast of the CPC Site, and December 2019 through January 2020 for two VPBs to the south southwest.

All groundwater samples were analyzed for Target Compound List (TCL) VOCs by USEPA method 8260; 1,4-dioxane by USEPA Method 8270 SIM; Perfluorooctanesulfonic acid (PFOS), Perfluorooctanoic acid (PFOA), and 19 other perfluorinated compounds by modified EPA Method 537. Groundwater samples collected during the RI contained elevated concentrations of VOCs and the emerging contaminants PFOS, PFOA, and 1,4-dioxane. Refer to the Final Remedial Investigation Report Claremont Polychemical RI/FS Offsite Groundwater Plume (March 2019) for additional details. The six monitoring wells associated with the RI were added to the Claremont OU5 well program in March 2020.

2.2 Location

The CPC site is located on a 9.5-acre parcel in an industrial section of Old Bethpage, Nassau County, New York (**Figure 1**). The former 35,000 square foot Process Building, demolished in 2012, was the only building historically on the property. The concrete slab from this building remains. The 5,200 square foot GWE&T system building was constructed as part of the OU-4 remedy. The OU-4 GWE&T system was shut down on October 1, 2016 and has not been in operation since that time.

The OU-5 GWE&T system is located across the street at 150 Winding Road within the Town of Oyster Bay Solid Waste Disposal Complex (OBSWDC). The OU-5 GWE&T system includes a groundwater recovery system, water conveyance system, discharge system, monitoring wells, air stripper, and a 3,100 square foot facility for monitoring and controlling the system. The treated effluent discharges to Recharge Basin No. 1 located west of the OBL. Secondary discharge is directed to Recharge Basin No. 33 west of the Bethpage State Park Black Course for golf course irrigation in the summer (**Figure 2**). The five extraction/recovery well pump houses (RW-1, RW-2, RW-3, RW-4, and RW-5) are located on the Bethpage Black Course (**Figure 2**).

The CPC Site lies approximately 800 feet west of the border between Nassau and Suffolk Counties and is accessed via Winding Road on the property's western border. Adjacent properties include (**Figure 1**):

- South and Southeast – Bethpage State Park and golf course;
- East – State University of New York (SUNY) - Farmingdale Campus;
- West – OBSWDC and OU-5 GWE&T; and
- North – Commercial and Light Industrial.

The OBSWDC includes the closed OBL, solid waste transfer operations and the OU-5 GWE&T system currently operated by Ramboll under contract to NYSDEC. The Nassau County Fireman's Training Center (FTC), which has also contributed to soil and groundwater contamination in the area, is located approximately 500 feet south of the OBL portion of the OBSWDC. FTC had a GWE&T system that ceased operations in 2013 having achieved the cleanup objectives. The closest residences are approximately one-half mile from the Site, immediately west of the OBL. The nearest public supply well is located 3,500 feet northwest of the Site.

2.3 Site Hydrogeological Setting

The CPC site is underlain primarily by sand with interbedded, discontinuous silt and lignitic clay lenses. Upper glacial aquifer deposits that are observed are mostly absent in the area, rather the Magothy Formation is the uppermost geologic unit with a thickness of approximately 750 feet. The Raritan clay below acts as a barrier between the Magothy and Lloyd aquifers.

The "Claremont Polychemical Superfund Site Long-Term Groundwater Monitoring Old Bethpage, New York" report dated December 2001 prepared by SAIC indicated historical gradients ranging from 0.001-0.002 feet/foot and horizontal flow velocities of 0.43 feet/day or 157 feet/year (Ebasco, 1990). Historically, groundwater contour maps produced from wells screened in both the upper glacial aquifer and the deeper Magothy aquifer depict a south-southeast flow direction across the site. The recent CPC contour maps are generally consistent with previous maps produced from the CPC monitoring well network and from investigations by others. The current

hydrogeologic conditions and groundwater contour mapping (**Figures 3, 4 and 5**) are discussed in **Section 4.1**.

3. GROUNDWATER EXTRACTION AND TREATMENT SYSTEM

A description of the GWE&T system and a review of its contaminant recovery and hydraulic control effectiveness are provided below.

3.1 Groundwater Extraction and Treatment System Description

The OU-5 GWE&T system was originally designed to capture and treat organic contaminants associated with the contaminated groundwater plume identified because of the disposal of hazardous substances at the Old Bethpage Landfill site (NYSDEC Site No. 130001). The system consists of groundwater recovery through three extraction wells, water conveyance, treatment via an air stripper and discharge to recharge basins. Each of the system components are discussed below.

3.1.1 GWE&T System Extraction Wells

The groundwater collection system originally consisted of five extraction wells known as RW-1, RW-2, RW-3, RW-4, and RW-5 approximately 800 feet apart from each other in Bethpage State Park Black Golf Course south of the CPC site (**Figure 2**). The recovery wells were designed with the total maximum pumping capacity of 1.76 million gpd and a designed flow of 1.5 million gpd to the treatment system (LKB, 1993). **Table 2** provides extraction well screen intervals and total depths.

Table 2 – Extraction Well Construction Details

Well	Total Depth (ft bgs)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)
RW-1*	280	185	265
RW-2*	290	230	271
RW-3	275	163	255
RW-4	270	147	250
RW-5	283	153	263

*RW-1 and RW-2 captured the OBL plume which has been remediated. These wells are no longer online or operated for purposes of groundwater remediation.

Recovery wells RW-1 and RW-2 were petitioned to be discontinued by the Town of Oyster Bay prior to the transition to HDR operating the OU-5 GWE&T (Town of Oyster Bay, 2016). These recovery wells historically had non-detectable or very low values for total VOCs and did not capture the CPC off-site plume. The individual VOC results were lower than their Consent Decree and Class GA standards as stated in the LKB Quarterly Remedial Action Report dated June 2016. On October 2, 2016 at the direction of the NYSDEC, RW-1 and RW-2 were taken off-line.

Prior to October 2017, the system’s average influent flow rate was 628 gallons per minute (gpm), or 904,396 gpd, and the average effluent flow rate was 624 gpm, or 899,233 gpd. In October 2017, pump failures stemming from a possible power surge resulted in substantial system downtime and, thus, decreased average flow rates for influent (539 gpm, or 775,450 gpd) and

effluent (532 gpm, or 765,700 gpd). The suspected power surge also caused process control issues that precluded automatic operation of the system. As such, the system was run manually and only during working hours from November 2017 through July 2018. The restricted operation of the system in manual mode, along with the process alarms and interlock gauges not functioning required oversight of the facility while online. In early July, NYSDEC instructed HDR to add a second shift operator to accommodate NYS Parks, Recreation and Historic Preservation (Parks) request for additional irrigation water for the golf course. Recovery wells RW-1 and RW-2 were brought on-line to increase the water level in Recharge Basin 33 from which Parks obtain site irrigation water. On September 6, 2018, the control system was fully functional, and RW-1 and RW-2 were taken off-line.

In September 2018, the process control system, controls, and alarm system became fully functional which allowed the treatment system to operate without onsite staff supervision. The recovery wells currently run in automatic mode with remote start up, and the process pumps are operated in fully automatic mode.

Under current conditions, the PLC and the control system are stable and fully functional. Flows from the individual recovery wells are remotely read, transmitted, and totaled.

Refer to the Monthly O&M reports for July through September 2025 for details on the status of GWE&T system upgrades, issues encountered, and impacts on system operations and performance. Average daily system flow rates during the third quarter of 2025 were 686 gpm in July, 690 gpm in August, and 696 gpm in September.

3.1.2 GWE&T System - Path of Remediation

Groundwater is currently pumped from three extraction wells (designated RW-3, RW-4, and RW-5) that were installed in 1992 at what was then the leading edge of the off-site VOC plume from the OBL. The combined flow from the extraction wells is directed through common conveyance piping to the air stripper wet-well. A triplex pump arrangement delivers the collected groundwater into the top of the air stripper, which contains packing media. As the groundwater passes through and saturates the packing, it contacts air that is directed from the bottom of the air stripper via the blower. Dissolved VOCs pass from the liquid phase (groundwater) into the gas phase (air) and exit the stripper through an exhaust stack. Non-volatile organic compounds and inorganic contaminants, if any, are not removed by the treatment system.

A GAC treatability study was conducted between April 26, 2024 through September 17, 2024 in an effort to evaluate treatment of PFAS in extracted groundwater. A temporary GAC treatment system was installed on the effluent end of the air stripper prior to effluent being directed into a receiving wet-well. Results associated with the GAC treatability study will be detailed under separate cover in a forthcoming Treatability Study Report.

Air stripper effluent directed into the receiving wet-well is then delivered to two recharge basins. Recharge Basin No. 1 contains a system of eight diffusion wells and is located upgradient of the OBL. Recharge Basin No. 33 receives effluent in the summer that is used beneficially for watering the golf course.

The GWE&T system is staffed by a plant manager/operator working 40-hour weeks, and an autodialer (telemetry unit) is installed to contact the plant manager in case of plant alarms. Typical response time to any alarms is 30 minutes. The plant manager can monitor the plant remotely from the FactoryTalk View Site Edition Client control system and adjust the system operations as needed.

3.1.3 GWE&T System Operating Permits

Water Permit

The OU-5 GWE&T operates under a State Pollutant Discharge Elimination System (SPDES) permit equivalency dated October 24, 2012 which was valid until May 11, 2016. A permit equivalency renewal application was submitted to the NYSDEC Bureau of Water Permits on March 30, 2016 and is pending approval. Effluent Limitations and Monitoring Requirements outlined in the permit are enforced by the NYSDEC Division of Environmental Remediation, Remedial Bureau E.

Air Permit

An air permit is not required for the GWE&T system operation since 6 NYCRR Part 375-1.7 states that “no permit is required when the substantive compliance is achieved as indicated by the NYSDEC approval of the workplan.” Emissions from the air stripper have historically been negligible and are compliant with air guideline concentrations.

3.2 Groundwater Extraction and Treatment System Performance Evaluation

3.2.1 Flow Rate

Since startup, the OU-4 GWE&T system treated more than approximately 2.97 billion gallons of groundwater associated with the CPC site until operation was suspended and transitioned to the OU-5 plant. The OU-5 GWE&T system historically operated at a rate of approximately one million gpd. Daily flow readings are provided in the O&M reports submitted monthly to NYSDEC (refer to the September 2025 O&M report for the most recent data). A summary of the flow in each recovery well is included in the table below.

Table 3 – Recovery Well Monthly Flow Summary for this Quarter

Location	July Total Flow (gallons)	August Total Flow (gallons)	September Total Flow (gallons)
RW-1*	0	0	0
RW-2*	0	0	0
RW-3	10,221,000	10,870,000	8,961,000
RW-4	8,651,000	9,796,000	8,702,000
RW-5	9,935,000	10,805,000	8,843,000
Total Influent	29,503,000	32,240,000	27,178,000
Total Effluent	28,883,000	31,803,000	26,596,000

Location	July Total Flow (gallons)	August Total Flow (gallons)	September Total Flow (gallons)
*Recovery wells RW-1 and RW-2 were taken offline at the conclusion of the Remedial System Optimization evaluation. Flows associated with RW-1 and RW-2 are from monthly operational tests.			

The volume of treated water discharged by the GWE&T system to the recharge basins is determined daily from readings of the magnetic flow meter on the plant effluent line. The difference between the total influent and total effluent is due to a calibration error in the existing flow meters. The recharge basins are designed to receive 1.5 million gpd of effluent.

During the third quarter of 2025, the system processed approximately 87,282,000 million gallons with the following average daily flow rates:

Table 4 – Average Daily Flow by Month for this Quarter Summary

Month (2024)	Average Daily Flow (gallons per day)
July	921,969
August	1,007,500
September	937,172
Quarterly Average	955,547

3.2.2 Groundwater Extraction and Treatment System Contaminant Removal

To quantify the treatment system contaminant removal rate, available GWE&T system influent and effluent analytical results from monthly operation and maintenance records were reviewed. The OU-4 GWE&T system removed 947 kg cumulatively (combined mass of TCE, PCE and 1,1-DCE) from 2002 until October 2016, when it was taken offline. Most of the mass removed by the OU-4 GWE&T system was TCE (749 kilograms or 1,651 pounds) and PCE (170 kilograms or 375 pounds).

Since October 1, 2016, approximately 746.06 kilograms (1,644.78 pounds) of TCE, 98.02 kilograms (216.09 pounds) of PCE, and 14.60 kilograms (32.19 pounds) of 1,1-DCE have been removed by the OU-5 system (as of the 2025 third quarter process sampling event which was performed in September 2025).

The previous OU-5 operator (prior to October 1, 2016) did not calculate VOC load or track the contaminants of concern cumulatively over time. The LKB reports did not include historical data for daily flow rates.

Table 5 – VOC Mass Removed per Quarter for 2019 through 2025 (kg)

Year	Quarter	OU-4 GWE&T	OU-5 GWE&T
Pre 2019	-	947*	215.35
2019	Q1	Offline	38.75
	Q2	Offline	32.54
	Q3	Offline	36.95
	Q4	Offline	49.64
2020	Q1	Offline	8.35
	Q2	Offline	30.72
	Q3	Offline	37.09
	Q4	Offline	36.25
2021	Q1	Offline	34.11
	Q2	Offline	35.51
	Q3	Offline	25.43
	Q4	Offline	30.21
2022	Q1	Offline	27.69
	Q2	Offline	36.39
	Q3	Offline	3.71
	Q4	Offline	4.04
2023	Q1	Offline	5.75
	Q2	Offline	6.94
	Q3	Offline	12.72
	Q4	Offline	13.30
2024	Q1	Offline	28.54
	Q2	Offline	10.93
	Q3	Offline	11.87
	Q4	Offline	20.84
2025	Q1	Offline	23.31
	Q2	Offline	21.70
	Q3	Offline	20.19
Cumulative Total		947*	858.81
*Cumulative totals presented for OU-4 are from 2002 through 2016.			
**Cumulative totals presented for OU-5 are from October 1 st , 2016 to present and include TCE, PCE, and 1,1-DCE.			

3.2.3 Groundwater Extraction and Treatment System Discharge Monitoring

Effluent samples are collected and analyzed quarterly for: VOCs, base neutral acid (BNA) semi-volatile list, metals, total dissolved solids (TDS), total Kjeldahl nitrogen (TKN), cyanide, and anions. Effluent data for select VOC compounds (PCE, TCE, and 1,1-DCE) and semi-volatiles (BNA) are analyzed to evaluate compliance with effluent discharge limits. **Figure 6** shows that effluent concentrations for the main contaminants, PCE and TCE, were below permissible discharge limits of 5 µg/L at the OU-5 GWE&T system during the third quarter of 2025. In addition, the effluent concentrations of detected parameters, were under permissible levels:

barium (82.6 µg/L), manganese (115 µg/L), total nitrogen (4.8 mg/L), and total dissolved solids (290 mg/L) during the third quarter of 2025 when sampled in September. The addition of emerging contaminant sampling to system monitoring is detailed in the following section. All other constituents monitored for discharge requirements met their respective discharge limitations, as indicated in the monthly O&M reports relevant to this quarter, or do not have a corresponding discharge limitation.

System effluent pH remained within the required limitations (6.5 to 8.5 su) for this quarter with the following average monthly readings:

Table 6 – Average Monthly Discharge pH

	July	August	September
Average Effluent pH (su)	6.86	7.26	7.52

Refer to the Monthly O&M reports for additional information on remediation system performance and daily operations.

3.3 Plant Process Water Emerging Contaminant Sampling

On December 15, 2020, plant influent, effluent, and active recovery wells (RW-3, RW-4, and RW-5) were sampled for 1,4-dioxane by method 8270 SIM and PFAS by modified USEPA Method 537. Samples were submitted to Eurofins TestAmerica, of Edison, New Jersey, an NYSDOH ELAP-approved laboratory (#12028).

Samples were collected from sample ports off the pump discharges at each recovery well and the plant’s influent and effluent conveyance, after flushing the port and valve with several gallons of water. Process water was collected directly into the laboratory supplied glassware.

Five samples were collected from the plant’s influent, effluent, and active recovery wells. Recovery well locations are shown on **Figure 2**.

1,4-dioxane was detected in all five samples and at concentrations exceeding the standard of 1 µg/L.

PFOS was detected at concentrations exceeding its criteria in four of the five samples except in the sample from RW-4 which was detected below the criteria. PFOA was detected in all five samples. Numerous other PFAS compounds were detected but did not exceed their individual criteria. The sum of PFAS compounds did not exceed criteria. Full results for the emerging contaminant sampling of plant process water are presented in Attachment A2 of the 2020 Fourth Quarter Groundwater Monitoring Report (HDR, 2020).

At the direction of the NYSDEC in an August 17, 2022 email, analysis of PFAS and 1,4-dioxane were added to monthly sampling for both influent and effluent for the foreseeable future.

Samples were collected from sample ports at the plant’s influent and effluent conveyance, after flushing the port and valve with several gallons of water, directly into the laboratory supplied glassware. Samples were analyzed by Pace Analytical, of East Longmeadow, MA, an NYSDOH-

ELAP approved laboratory. 1,4-Dioxane samples were analyzed utilizing USEPA Method 8270 SIM. PFAS samples were analyzed utilizing USEPA Method 1633, in accordance with the *NYSDEC Sampling, Analysis, and Assessment of Per- and Polyfluoralkyl Substances (PFAS) Under NYSDEC’s Part 375 Remediation Programs* (April 2023).

In agreement with NYSDEC, active recovery wells (RW-3, RW-4, and RW-5) were sampled on June 19, 2025 for both PFAS (USEPA Method 1633) and 1,4-dioxane (USEPA Method 8270 SIM) to update results previously collected on December 15, 2020.

Detected concentrations for compounds that exceeded their respective evaluation criteria or standards for the third quarter of 2025 are shown in the summary table below. **Figure 7** depicts 1,4-dioxane results exceeding comparison criteria. **Figure 8** depicts the PFOS and PFOA results exceeding comparison criteria.

NOTE: Criteria presented in the following table represent current standards, guidance values, or other evaluation criteria.

Table 7– 3Q2025 Process Water EC Exceedances

EC Exceedances		1,4-D	PFOS	PFOA
Criteria:		0.35 ^(a)	2.7 ^(a)	6.7 ^(a)
Reporting Unit:		(µg/L)	(ng/L)	
Influent	July 2025	<u>21</u>	<u>15</u>	<u>45</u>
	August 2025	<u>18</u>	<u>16</u>	<u>48</u>
	September 2025	<u>17</u>	<u>15.9</u>	<u>46.4</u>
Effluent (PD-009)	July 2025	<u>19</u>	<u>14</u>	<u>44</u>
	August 2025	<u>18</u>	<u>15</u>	<u>49</u>
	September 2025	<u>17</u>	<u>17</u>	<u>47.7</u>

Bold and underlined results indicate exceedance of the criteria indicated as follows:

- a) For 1,4-dioxane and PFAS compounds: NYSDEC’s Division of Water Technical, and Operational Guidance Series (TOGS) (1.1.1) Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations dated June 1998 and last updated in February 2023.

Abbreviations: 1,4-D – 1,4-Dioxane; PFOS – Perfluorooctanesulfonic acid; PFOA – Perfluorooctanoic acid; NS – not sampled; ND – not detected; J – estimated value; µg/L – micrograms per liter, ng/L – nanograms per liter.

4. GROUNDWATER MONITORING PROGRAM

A network of 55 monitoring wells is used to monitor groundwater quality and effectiveness of the GWE&T system (**Figure 2**). The groundwater monitoring program includes wells on the CPC property (OU-4) and off the CPC property (OU-5).

OU-4 monitoring wells included in the network are:

- DW-1, DW-2, EW-5, SW-1 and WT-01.

OU-5 monitoring wells included in the network are:

- BP-3A, BP-3B, BP-3C, EW-1A, EW-1B, EW-1C, EW-2A, EW-2B, EW-2C, EW-2D, EW-4A, EW-4B, EW-4C, EW-4D, EW-7C, EW-7D, EW-11D, EW-12D, EW-14D, LF-1, M-30B-R, MW-5B, MW-6A, MW-6B, MW-6C, MW-6D, MW-6E, MW-6F, MW-7B-R, MW-8A, MW-8B, MW-8C, MW-9B, MW-9C, MW-10D, MW-11A, MW-11B, and OBS-1.

Following approval from the NYSDEC on August 21, 2019, an additional six wells from the western extent of the study area were added to the program. These wells are:

- BP-5B, BP-5C, BP-12B, BP-12C, BP-13B, and BP-13C.

In February 2020, an additional six downgradient monitoring wells were added to the quarterly monitoring:

- MW-CPC-36, MW-CPC-37, MW-CPC-38, MW-CPC-39, MW-CPC-40, and MW-CPC-41.

A description of the groundwater sampling event and results is provided below.

4.1 Hydrologic Data

The network of approximately 120 gauged wells includes wells that are not in the quarterly sampling program. Measurements from 66 wells collected by Ramboll are combined with data provided by Nassau County. Measurements collected by Ramboll and Nassau County are provided in **Attachment A** and groundwater contours are provided in **Figures 3, 4, and 5**. The synoptic groundwater level measurement for this quarter was performed on August 5, 2025. It should be noted that wells BP-6A, BP-8A, BP-8B, BP-8C, BP-9C, BP-11, BP-15B, BP-15C, MW-6A (insufficient water), ORW-1, ORW-4, and U-6A were not accessible during this synoptic round.

The average water table elevation across the OU-5 site for this quarter's synoptic measurement event was 59.38 feet (vertical datum NAVD88) as measured by Ramboll. Depths to groundwater (DTW) in August 2025 ranged from 20.14 feet (well MW-CPC-41) to 103.46 feet (well EW-11D) below ground surface (bgs) (see **Attachment A**). Potentiometric surface elevations at each well were calculated for each well by subtracting the DTW from the top of casing elevation. Groundwater elevations, grouping wells by the aquifer unit they are screened in, were used to develop and interpret potentiometric contours of the upper (water table), middle, and lower Magothy aquifers.

Groundwater flow direction is predominantly south-southeast at the water table (**Figure 3**), middle Magothy (**Figure 4**), and in the lower Magothy (**Figure 5**). In the vicinity of BP-13, MW-CPC-40, and MW-CPC-41 within the lower Magothy aquifer there is a south-southwest component to groundwater flow. Overall, groundwater elevations and the inferred groundwater flow directions are consistent with previous quarterly observations.

4.2 Groundwater Sample Collection

The monitoring well groundwater samples were collected for this quarter between August 4 and August 7, 2025. In total, Ramboll sampled 54 of the 55 CPC monitoring network wells. No sample was collected at MW-6A due to insufficient water.

Fifty groundwater samples were collected using passive diffusion bags (PDBs) inserted at mid-point in the screens in each monitoring well. Each PDB bag was retrieved, pierced with a decontaminated sharp object and the water inside was collected in VOC vials with septum caps, and preserved with hydrochloric acid (HCl). The VOC vials are labeled, recorded on a chain of custody, and placed in a cooler with ice.

Groundwater samples from the downgradient six MW-CPC series wells (MW-CPC-##) were collected using the low-flow sampling method "USEPA Low Stress (Low Flow) Purging and Sampling Procedure for the Collection of Groundwater Samples from monitoring Wells" dated January 19, 2010. The intake of the Geo-Tech PFC free portable bladder pump was installed at the mid-point of the screened zone or biased to a depth where a higher VOC concentration was observed during the VPB sampling. Monitoring wells were purged until low-flow parameters (turbidity, dissolved oxygen, specific conductivity, temperature, pH, and oxidation/reduction potential) stabilized in accordance with USEPA's low-flow method protocols. A list of sampled wells and analytical results are presented in **Table 8** and **Attachments B** and **B1** at the end of this report (see **Attachment C** for full lab deliverable). Low-flow sampling logs, chains of custody (COC), and PFC daily checklists are provided in **Attachment D**.

A total of 60 samples (including three field duplicates, two trip blanks, and one equipment blank) were collected and submitted to Pace Analytical, of East Longmeadow, MA, an NYSDOH-ELAP approved laboratory. With exception to the equipment blank, each sample was analyzed for VOCs via USEPA Method 8260. Of the aforementioned samples, nine samples (including one field duplicate, one trip blank, and one equipment blank [PFAS only]), collected from the MW-CPC wells, were also analyzed for PFAS by modified USEPA Method 1633 and 1,4-dioxane by method 8270 SIM.

4.3 Groundwater Analytical Results

4.3.1 Groundwater VOC Analytical Results

Third quarter 2025 groundwater sampling event VOC exceedances are summarized in **Table 8** and are plotted in trend charts provided as **Figures 9** through **31**; treatment system effluent and influent water sampling results are shown in trend charts on **Figures 9** and **31**, respectively. The six downgradient MW-CPC monitoring well VOC exceedances are summarized on **Figure 32**. Water classification GA standards and guidance values obtained from Table 1 of NYSDEC's *Division of Water Technical, and Operational Guidance Series (TOGS) (1.1.1) Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations* dated June 1998 and subsequent addenda were used to evaluate VOC results. TOGS 1.1.1 incorporates 6 NYCRR Part 703.5 Class GA groundwater criteria and supplements with additional guidance values.

In addition to the results below, acetone was detected above the NYSDEC TOGS 1.1.1. guidance value of 50 µg/L in 46 field samples (including one field duplicate) collected from PDBs, as

provided in **Attachment B**. Acetone was not detected in downgradient MW-CPC monitoring wells.

Table 8 – Monitoring Well VOC Exceedances (in µg/L)

	PCE	TCE	cis-1,2-DCE	VC	1,2-DCA	1,1-DCA	Benzene
Criteria:	5	5	5	2	0.6	5	1
EW-11D	37	120	4.3	< 2 U	< 1 U	2.8	< 1 U
EW-12D	24 D	330 D	4.7 D	< 8 U	< 4 U	< 4 U	< 4 U
EW-14D	< 1 U	11	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U
EW-4A	29	4.1	52	< 2 U	< 1 U	< 1 U	< 1 U
EW-4C	2.5	29	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U
EW-7C	16 D	250 D	3.5 D	< 4 U	< 2 U	< 2 U	< 2 U
MW-10D	8.5	78	7.8	< 2 U	< 1 U	< 1 U	< 1 U
MW-11A	8.8	9.4	92	< 2 U	< 1 U	13	< 1 U
MW-11B	2.8	5.8	36	2.9	1.7	19	1.9
MW-6C	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U	1.8
MW-7B-R	3.8	170	2.3	< 2 U	< 1 U	< 1 U	< 1 U
MW-8A	5.8	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U
MW-CPC-36	27	10	55	< 2 U	< 1 U	1.3	59
MW-CPC-37	< 1 U	< 1 U	9.8	4.1	< 1 U	2.3	< 1 U
MW-CPC-40	< 1 U	2.5	< 1 U	< 2 U	< 1 U	5.6	< 1 U
SW-1	170 D	20 D	27 D	< 4 U	< 2 U	< 2 U	< 2 U

Result values presented in µg/L. ND – not detected above the reporting limit; J – estimated value; D – diluted. Bold, underlined results are exceedances of the NYSDEC Part 703 Class GA criteria, which is incorporated into the TOGS 1.1.1 (June 1998 and subsequent addenda). See **Attachment B** for complete analytical results and comparison criteria. Abbreviations: PCE – tetrachloroethylene; TCE – trichloroethylene; cis-1,2-DCE – cis-1,2- dichloroethylene; VC – vinyl chloride, 1,2-DCA – 1,2-dichloroethane, 1,1-DCA – 1,1-dichloroethane; 1,4-DCB – 1,4-dichlorobenzene.

4.3.2 Groundwater Emerging Contaminant Results

In the third quarter 2025, the six downgradient MW-CPC series monitoring wells (**Figure 2**) were analyzed for the emerging contaminants 1,4-dioxane and the PFAS group of contaminants.

The criteria used to evaluate 1,4-dioxane, PFOS, and PFOA is the NYSDEC 2023 Addendum to NYSDEC’s *Division of Water Technical, and Operational Guidance Series (TOGS) (1.1.1) Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations* dated June 1998 Maximum Allowable Concentration of 0.35 µg/L, 2.7 ng/L, and 6.7 ng/L, respectively.

Detected concentrations of compounds exceeding their respective criteria as listed above are shown on **Figures 33 and 34, Attachment B1**, and summarized in the table below.

Table 9 – Monitoring Well Emerging Contaminant Exceedances

	1,4-D	PFOS	PFOA
Criteria:	0.35 (a)	2.7 (a)	6.7 (a)
Reporting Unit:	(µg/L)	(ng/L)	
MW-CPC-36	<u>7.1</u>	<u>155</u>	<u>150</u>
MW-CPC-37	<u>24</u>	<u>39.9</u>	<u>95.2</u>
MW-CPC-38	<u>0.72</u>	<1.6 U	<1.6 U
MW-CPC-40	<u>2.7</u>	<1.5 U	<1.5 U
MW-CPC-41	<u>2.8</u>	<u>18.9</u>	<u>28.2</u>

No detected concentrations of the compounds presented above exceeded their respective criteria in the samples from MW-CPC-39. Bold and underlined results indicate exceedance of the criteria indicated as follows:

- a) For 1,4-dioxane and PFAS compounds: NYSDEC’s Division of Water Technical, and Operational Guidance Series (TOGS) (1.1.1) Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations dated June 1998 and last updated in February 2023.

Abbreviations: 1,4-D – 1,4-Dioxane; PFOS – Perfluorooctanesulfonic acid; PFOA – Perfluorooctanoic acid; ND – not detected; J – estimated value. B – analyte found in associated blank as well as in the sample µg/L – micrograms per liter, ng/L – nanograms per liter.

4.3.3 Evaluation of Plumes

Figures 35 and 36 depict the horizontal plume location with approximated isoconcentration lines for PCE and TCE in plan view. The groundwater contamination distribution was further evaluated by creating sample location pie charts depicting the relative contributions of the chlorinated VOC contaminants PCE, TCE, 1,1-dichloroethene, trans-1,2- dichloroethene, cis-1,2-dichloroethylene, and vinyl chloride to their sum in cross section (**Figures 37 and 38**) and plan view (**Figure 39**). The horizontal and vertical distribution of PCE and TCE continues to demonstrate a shallow PCE plume comingled with a deeper TCE plume.

OU-4 on-site plume. This plume originates on the CPC site with the highest PCE concentrations historically measured at well SW-1, a water table well. Currently, the on-site plume is predominantly PCE with concentrations an order of magnitude greater than those of TCE. In 2015, PCE showed an increasing trend in well SW-1, with spikes in the second quarter (210 µg/L) and in the fourth (190 µg/L) of that year. However, in 2016 the PCE concentration steadily decreased from 150 µg/L during the first quarter down to 30 µg/L in the fourth. SW-1 was not sampled between the fourth quarter of 2016 and the second quarter of 2019, due to it becoming dry and subsequent low water levels. The PDB in SW-1, which was in the well since the fourth quarter of 2016, was submerged in the first and second quarter of 2019, due to an increase in the water table elevation. It was subsequently sampled in the second quarter of 2019 and had the highest concentration of PCE (180 µg/L) out of all on-site wells. The PCE concentration in SW-1 has generally increased since 2019. PCE concentrations decreased throughout 2022 into 2023 with a high of 500 µg/L observed in the first quarter 2022 and a low of 86 µg/L observed in the second quarter of 2023. PCE concentrations at SW-1 increased from the third quarter of 2023 through the second quarter of 2025 and then dropped in the third quarter of 2025. While

remaining an order of magnitude lower than PCE, TCE has consistently mirrored these quarterly PCE variations. Overall, the PCE and TCE trends at SW-1 are increasing (**Figure 10**).

Off-site plume upgradient of CPC site. This plume contains VOCs from upgradient sources such as Former Aluminum Louvre (FAL). The plume can be detected as far upgradient as the EW-7-series well cluster and stretches southeast into OU5 as far as well MW-7B-R. The FAL (OU-1) and off-site (OU-2) investigations were completed in 2015, with the most recent Record of Decision (ROD) for OU-2 issued in March 2019. Groundwater containing VOCs, primarily TCE, migrated from FAL to beneath the Bethpage State Park Black Golf Course. The source area at FAL is at the east side of the facility and a large storm water recharge basin at Winding Road and Old Bethpage-Sweethollow Road is thought to influence shallow groundwater flow direction beneath FAL in an easterly direction. The FAL plume contains TCE, PCE, and 1,1,1-TCA and flows south-southeast after it moves off-site. When it reaches the CPC site, the FAL plume is found to the east of the CPC source areas.

The plume is predominantly TCE, with TCE concentrations typically an order of magnitude greater than those of PCE in EW-7C (**Figure 17**). TCE-dominant wells include EW-4B, EW-4C, EW-7C, EW-11D, EW-12D, EW-14D, MW-7B-R, and MW-10D. MW-7B-R TCE concentrations have been trending downward since the OU-4 plant was shut down (**Figure 27**). Despite an overall upward trend of TCE concentrations in EW-12D, TCE has been relatively stable since the plant shutdown (**Figure 20**). While an overall slightly decreasing trend has been observed at EW-7C, a slight upward trend was observed from the end of 2019 through the fourth quarter in 2022 (**Figure 17**).

Well EW-14D. Groundwater contamination at EW-14D is typically TCE dominant, similar to the off-site, upgradient plume. The PCE concentration is typically below the groundwater quality standard of 5 µg/L (see **Figure 21**). Well EW-14D has the greatest variability in TCE concentrations. However, the overall TCE trend is decreasing.

Southern Area. This location is centered on the BP-3 series wells (BP-3A, B, and C) south of the CPC site and downgradient of the extraction wells (**Figures 22 through 24**). The PCE concentrations at BP-3B and BP-3C are historically higher than those of TCE. Both BP-3B and BP-3C also have exceedances above standard for cis-1,2-DCE. Trends for PCE, TCE, and cis-1,2-DCE at BP-3B and BP-3C are decreasing.

Cross Sections. Two cross section figures depict the contaminants of concern along two transects (**Figures 37 and 38**). Cross section A-A' (**Figure 37**) begins at DW-1 and continues along the direction of groundwater flow (south-southeast) to the BP-3 series wells. The PCE-dominant plume is at a higher elevation than the TCE-dominant plume in the vicinity of the CPC site and moves south-southeast to well MW-08A. PCE is detected deeper in the BP-3-series wells, which are the farthest downgradient wells from the CPC site.

Cross section B-B' (**Figure 38**) begins east of A-A' at the EW-7-series wells and continues along the direction of groundwater flow to well MW-7B-R. PCE concentrations observed in wells in this cross section are below the 5 µg/L standard in the EW-2 series wells, DW-2, EW-4B, EW-4C, EW-4D, EW-5, EW-7D, and MW-7B-R. TCE concentrations observed in wells in this cross section are

below the 5 µg/L standard in the EW-2 series wells and at wells DW-2, EW-4D, EW-5, and EW-7D.

4.3.4 Comparison to Historic Groundwater Quality

Figures 7 through 29 illustrate the historic trends for VOC concentrations in multiple wells. The following table summarizes the concentration trends of PCE and TCE in each of the wells.

Table 10 – PCE and TCE Concentration Trends in Select Monitoring Wells

Well	Screen Depth ⁽¹⁾	Location	PCE Trend	TCE Trend	Figure
CPC Plume Wells					
DW-1	93-98	South-southwest of CPC	Increasing	Decreasing	Figure 9
SW-1	65-70	South-southwest of CPC	Increasing	Increasing	Figure 10
EW-1A	65-75	Southwest of CPC	Slightly decreasing	Decreasing	Figure 11
EW-5	165-175	South-southeast of CPC	Decreasing	Decreasing	Figure 12
Off-Site Plume(s) Wells					
EW-4A	100-115	East of CPC	Increasing	Increasing	Figure 13
EW-4B	120-130	East of CPC	Slightly decreasing	Slightly decreasing	Figure 14
EW-4C	145-155	East of CPC	Decreasing	Slightly decreasing	Figure 15
EW-4D	285-295	East of CPC	Decreasing	Decreasing	Figure 16
EW-7C	189-199	Upgradient, North of CPC	Stable	Slightly decreasing	Figure 17
EW-7D	273-283	Upgradient, North of CPC	Decreasing	Decreasing	Figure 18
MW-10D	346-351	Southeast of CPC	Slightly increasing	Increasing	Figure 19
EW-12D	209-219	East of CPC	Increasing	Increasing	Figure 20
EW-14D	185-195	Southeast of CPC	Decreasing	Decreasing	Figure 21
BP-3A	54-74	South-southeast of CPC	Decreasing	Decreasing	Figure 22

Well	Screen Depth⁽¹⁾	Location	PCE Trend	TCE Trend	Figure
BP-3B	215-235	South-southeast of CPC	Decreasing	Decreasing	Figure 23
BP-3C	280-300	South-southeast of CPC	Decreasing	Decreasing	Figure 24
MW-11A	140-145	South-southeast of CPC	Increasing	Increasing	Figure 25
MW-11B	240-245	South-southeast of CPC	Increasing	Increasing	Figure 26
MW-7B-R	230-235	South-southeast of CPC	Decreasing	Decreasing	Figure 27
Extraction Wells and OU5 Plant Influent					
RW-3	163-255	Extraction well south-southeast of CPC	Decreasing	Stable	Figure 28
RW-4	147-250	Extraction well south-southeast of CPC	Decreasing	Decreasing	Figure 29
RW-5	153-263	Extraction well south-southeast of CPC	Decreasing	Decreasing	Figure 30
OU5 Plant Influent	NA	Plant influent	Slightly decreasing	Increasing	Figure 31

(1) Screen depths given in feet below ground surface.

Decreasing trends indicate mass removal from groundwater in the area around the well. Increasing and stable trends indicate partial capture and/or additional source(s) contributing to groundwater contamination in the area of the well.

5. CONCLUSIONS AND RECOMMENDATIONS

5.1 Conclusions

The third quarter of 2025 groundwater monitoring event at the CPC site covered the on-site plume (OU-4), off-site plume (OU-5), and the downgradient area covered by the MW-CPC series monitoring wells. Analysis of the data has resulted in the following conclusions:

- A groundwater plume of VOCs, primarily PCE, originates proximate to the former CPC Process Building (on-site plume). Recent data obtained from OU-4 monitoring well SW-1, indicates localized PCE concentrations have increased since the cessation of OU-4 pumping in 2016. However, the Remedial System Optimization (RSO) report for the OU-5 GWE&T concluded that the combined capture zone of recovery wells RW-3, RW-4 and RW-5 captures the estimated width of the OU-4 plume migrating directly south from the CPC Site (HDR, 2019).
- An off-site, upgradient plume consisting mostly of TCE originates to the north or northwest of the former CPC site. The TCE contamination was only partially captured by the CPC OU-4 GWE&T system. Similarly, the combined capture zone of OU-5 recovery wells RW-3, RW-4 and RW-5 is not sufficient to capture the upgradient TCE plume, only extending about 200 feet to the east of RW-4, the eastern-most recovery well based on the RSO report finding (HDR, 2019).
- The OU-5 GWE&T system influent concentrations of PCE, TCE, and cis-1,2-DCE decreased between the second and third quarters of 2022 when recovery wells RW-4 and RW-5 were inoperable. However, influent concentrations generally increased from the third quarter of 2022 through the third quarter of 2025. Overall, TCE shows an increasing trend while trends for both PCE and cis-1,2-DCE are decreasing (see **Figure 31**). A total of 20.19 kilograms (44.50 pounds) of PCE, TCE, and 1,1-DCE combined were removed during the third quarter 2025 via operation of the OU-5 GWE&T system. See **Table 5** for specific removal quantities.
- Contaminant concentrations in effluent groundwater samples collected during the reporting period met discharge limits.
- The results from the third quarter 2025 groundwater sampling event show the following VOC compounds detected above the NYSDEC Part 703 Class GA groundwater criteria: PCE, TCE, cis-1,2-DCE, VC, 1,1-DCE, 1,2-DCA, 1,1,1 TCA, acetone, and benzene.
- BP-3: HDR previously concluded that the current OU-5 recovery well network is not capable of capturing groundwater contamination around the BP-3 series of wells (as indicated by the fluctuation of PCE concentrations at the time, and that it is possible that contaminant mass is migrating beneath the limited influence of the combined capture zones of RW-3, RW-4, and RW-5 in the deeper aquifer. However, overall trends of PCE, TCE, cis-1,2-DCE, VC, and 1,1,1 TCA are decreasing which suggests that capture is likely.
- TCE concentrations at MW-7B-R have continued to show a decline since treatment was transferred from the OU-4 facility to the OU-5 facility. TCE concentrations are approximately one order of magnitude lower than concentrations following the shutdown of OU-4 (see **Figure 27**). This reduction is likely due to the OU-5 recovery wells intercepting the contaminant mass, given the well's position downgradient of the OU-5 recovery wells.
- The direction of groundwater flow at the site remains predominately south-southeast with no regionally significant changes observed in flow direction during operation of the OU-4 GWE&T system or since operation ceased.
- The results from the third quarter 2025 groundwater sampling event show 1,4-dioxane was detected above the NYSDOH Maximum Contaminant Level of 0.35 µg/L at five of the

downgradient MW-CPC series monitoring wells: MW-CPC-36, MW-CPC- 37, MW-CPC-38, MW-CPC-40, and MW-CPC-41. The highest result values were found in MW-CPC-36 and MW-CPC-37 which are upgradient from a public water supply well N-07852 (**Figure 33**).

- PFOS and PFOA continue to be the dominant PFAS compounds detected at the MW-CPC series of wells. Exceedances are limited to MW-CPC-36, MW-CPC-37, and MW-CPC-41, which are located approximately upgradient to side gradient of the public water supply wells (**Figure 34**). Total PFAS results remain highest in MW-CPC-36.
- Resumption of monthly sampling of OU5 plant influent and effluent for emerging contaminants began in August 2022. As discussed in **Section 3.1.2.**, a GAC treatability study was conducted between April 26, 2024 through September 17, 2024 in an effort to evaluate treatment of PFAS in extracted groundwater. Results associated with the GAC treatability study will be detailed under separate cover in a forthcoming Treatability Study Report.

5.2 Recommendations

- Evaluate defective, non-functioning, and critical components of the conveyance and treatment system to confirm the capacity of the piping system, condition of conveyance vaults, adequacy of treatment and recharge, and potential modifications as deemed necessary. Perform repairs to components adversely affecting current capacity and treatment (e.g. replacing defective air inlets on conveyance line).
- Determine vertical extent of TVOC contamination and depth of clay units at the location of the recovery wells and horizontal and vertical extent of the plume to the east by installing vertical profile borings (VPB) between RW-3 and RW-4 and east of monitoring well EW-14D.
- Based on the findings of the VPB investigation, upgrade and/or expand the system with additional extraction wells. Upgrade via installation of new pumps/motors in one or more of the existing recovery wells to increase pumping capacity and extend capture to the east. Install one or two new extraction wells screened deeper and further east.
- Recovery wells RW-1 and RW-2 should remain offline.
- Upgrade or replace the GWE&T system to treat 1,4-dioxane and PFAS compounds found to be present above New York State's applicable standards.

6. REFERENCES

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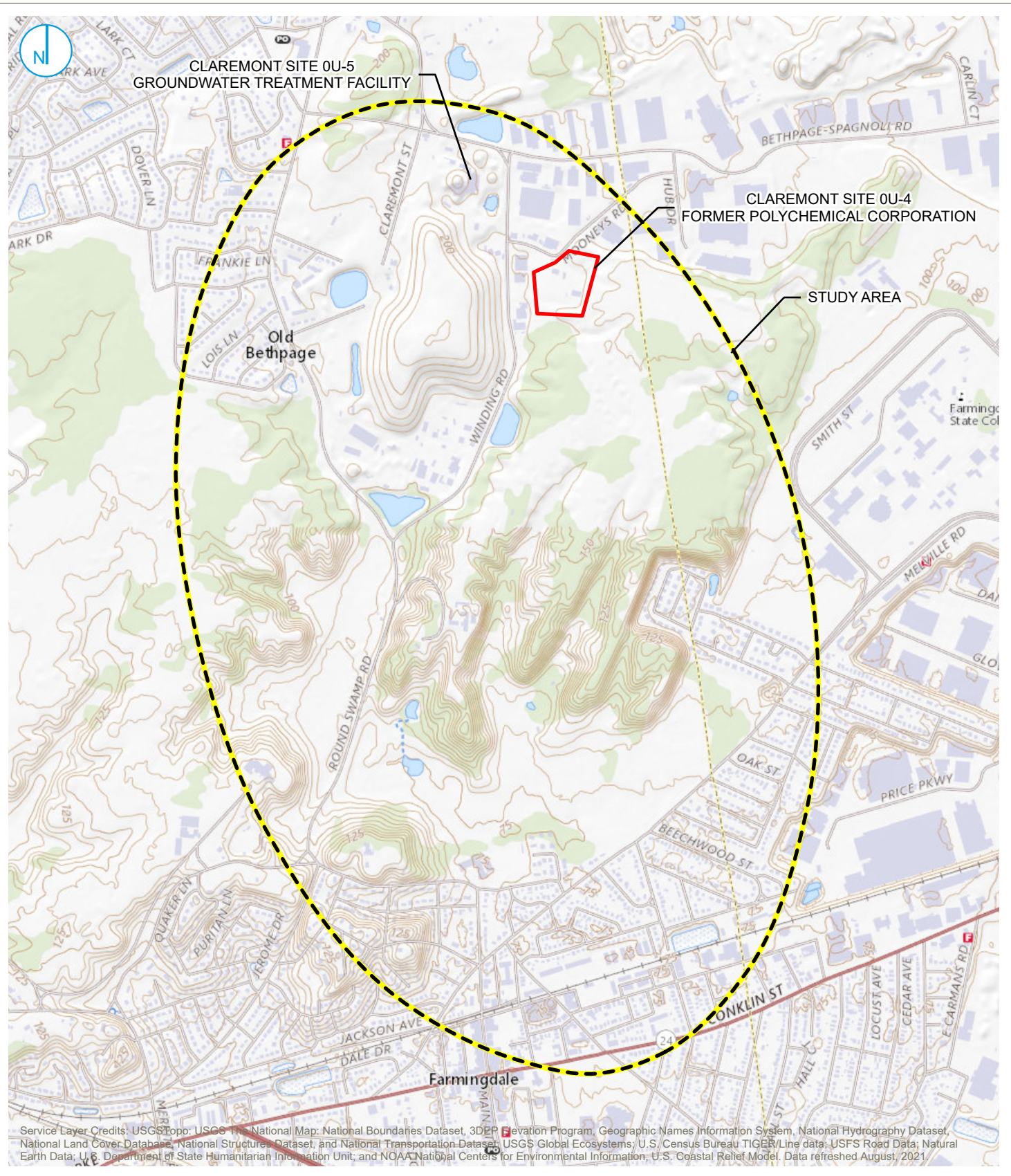
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FIGURES

K:\INYS-DEC-1087815\Standards\GIS\Claremont_Pro\Claremont_Polychemical.aprx\Claremont_Site_Location

PROJECT: 1690001940101703 | DATED: 4/26/2022 | DESIGNER: SSOULE



Service Layer Credits: USGS Topo; USGS The National Map; National Boundaries Dataset; 3DEP Elevation Program; Geographic Names Information System; National Hydrography Dataset; National Land Cover Database; National Structures Dataset; and National Transportation Dataset; USGS Global Ecosystems; U.S. Census Bureau TIGER/Line data; USFS Road Data; Natural Earth Data; U.S. Department of State Humanitarian Information Unit; and NOAA National Centers for Environmental Information; U.S. Coastal Relief Model. Data refreshed August, 2021

Map Scale: 1:24,000 | Map Center: 73°26'43"W 40°44'53"N

SITE LOCATION

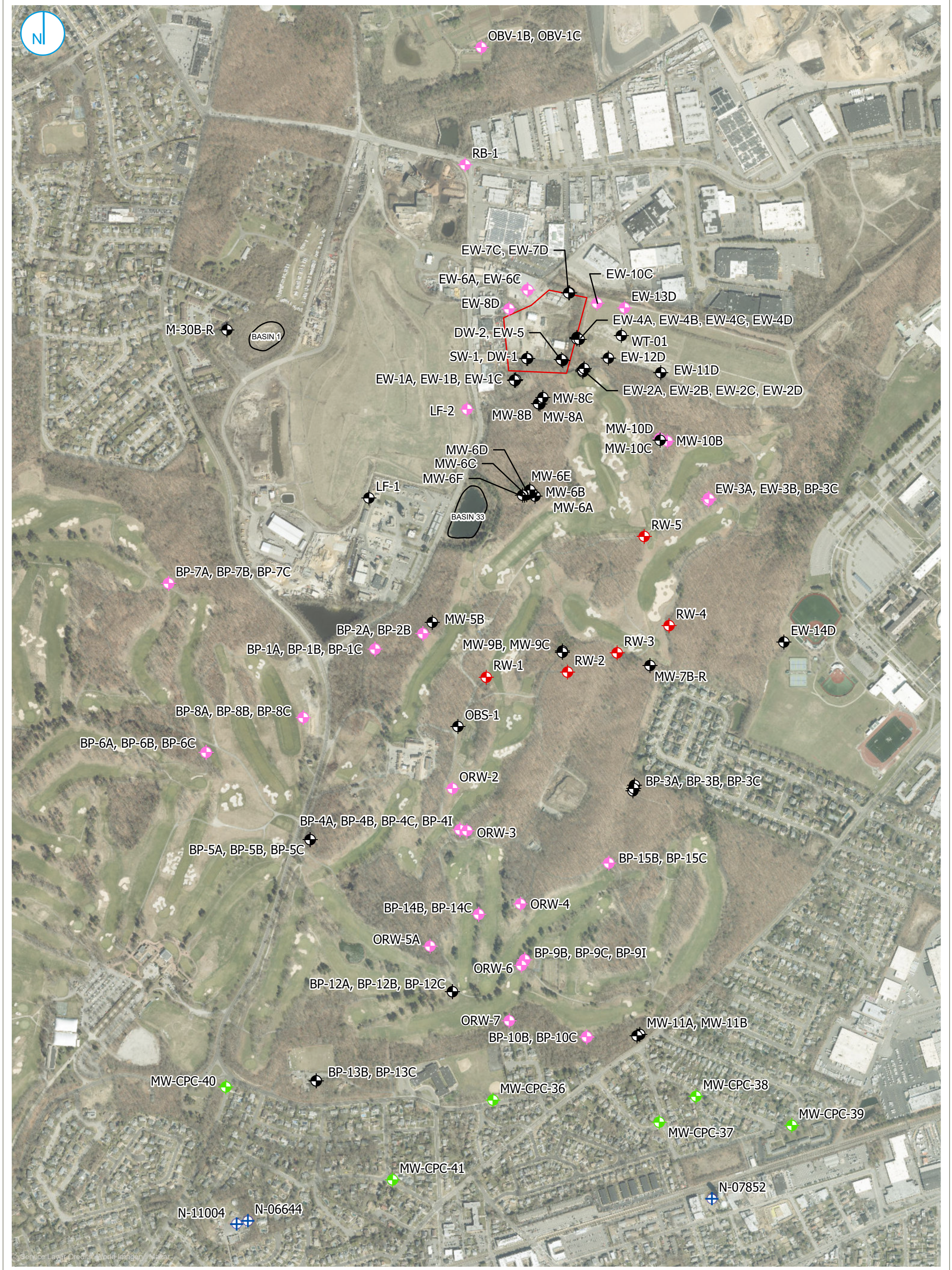
FIGURE 01



**CLAREMONT
POLYCHEMICAL CORPORATION**
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY





MONITORING WELL
 GAUGED ONLY
 GAUGED AND SAMPLED

SENTINEL WELL GAUGED AND SAMPLED
 RECOVERY WELL
 MUNICIPAL WELL

RECHARGE BASIN
 SITE BOUNDARY

WELLS SAMPLED

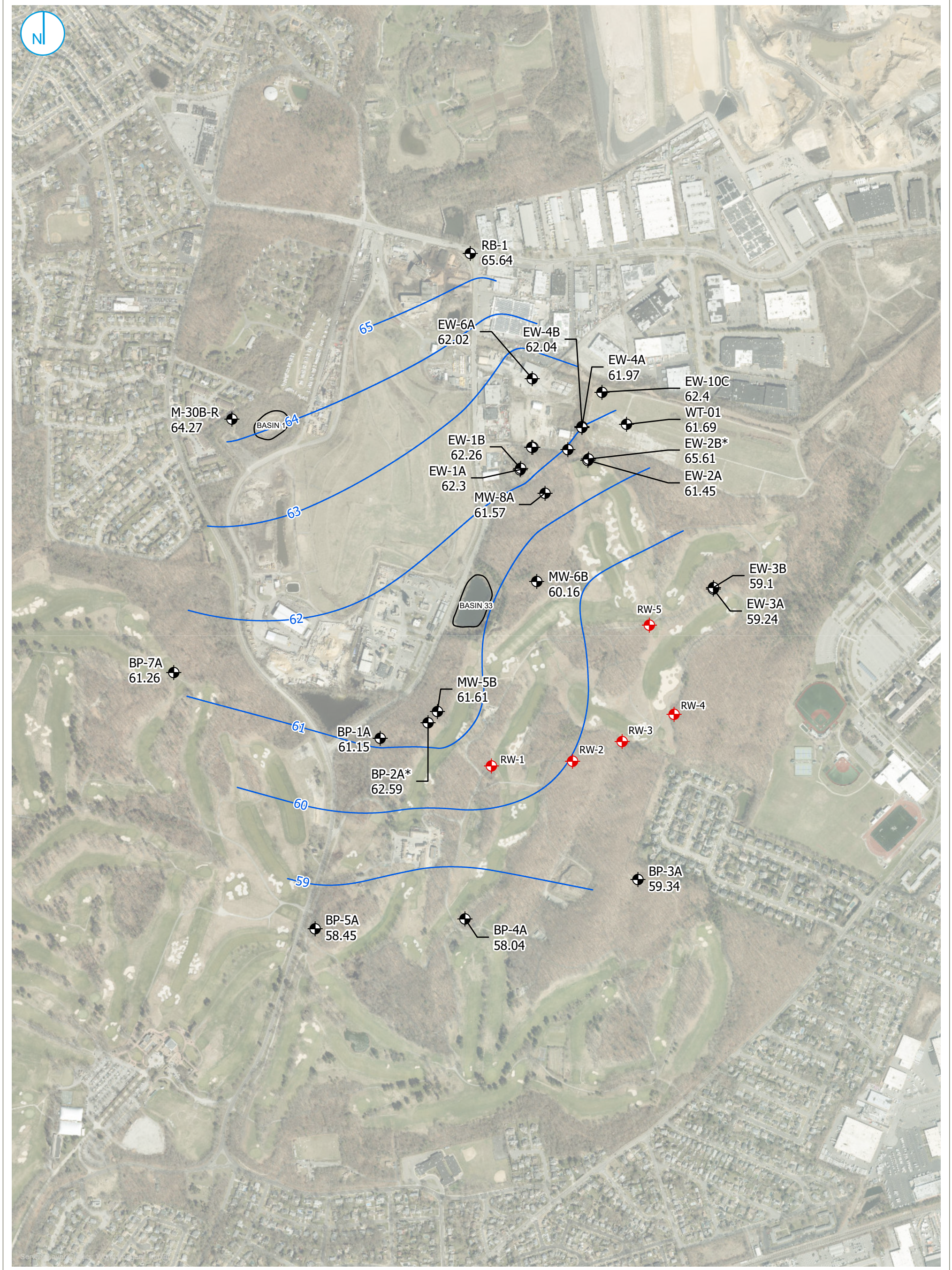
FIGURE 02





0 400 800 Feet

CLAREMONT POLYCHEMICAL CORPORATION
 505 WINDING ROAD
 OLD BETHPAGE, NEW YORK

RAMBOLL AMERICAS
 ENGINEERING SOLUTIONS, INC.
 A RAMBOLL COMPANY





-  MONITORING WELL
-  RECOVERY WELL
-  POTENTIOMETRIC CONTOUR
-  RECHARGE BASIN



Notes
 - * - Wells BP-2A and EW-2B were excluded from contour drawing.
 - All elevations recorded in feet in NAVD 88.

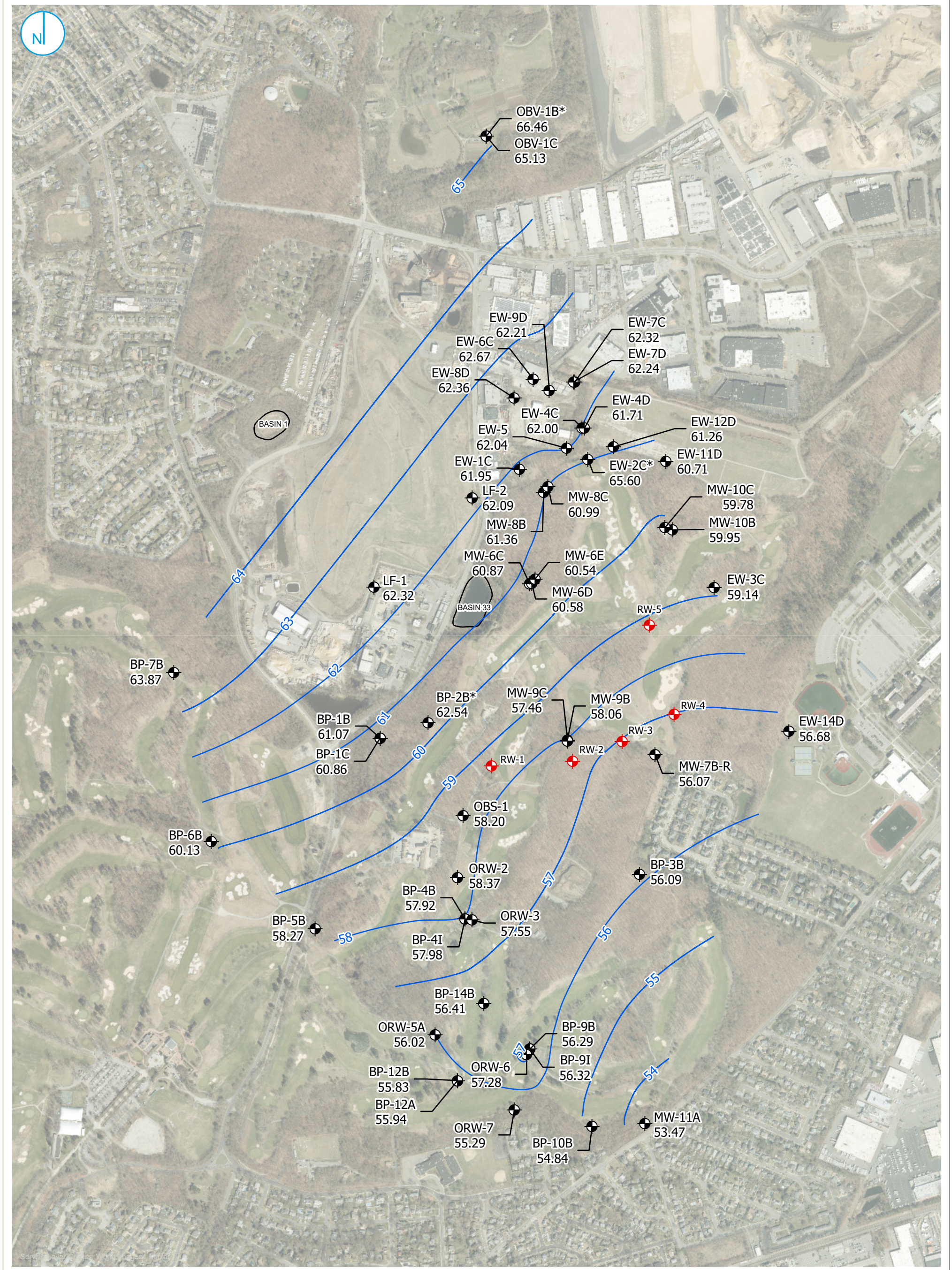
**AUGUST 2025
 POTENTIOMETRIC CONTOURS
 UPPER MAGOTHY**

FIGURE 03

CLAREMONT POLYCHEMICAL CORPORATION
 505 WINDING ROAD
 OLD BETHPAGE, NEW YORK

RAMBOLL AMERICAS
 ENGINEERING SOLUTIONS, INC.
 A RAMBOLL COMPANY





**AUGUST 2025
 POTENTIOMETRIC CONTOURS
 MIDDLE MAGOTHY**

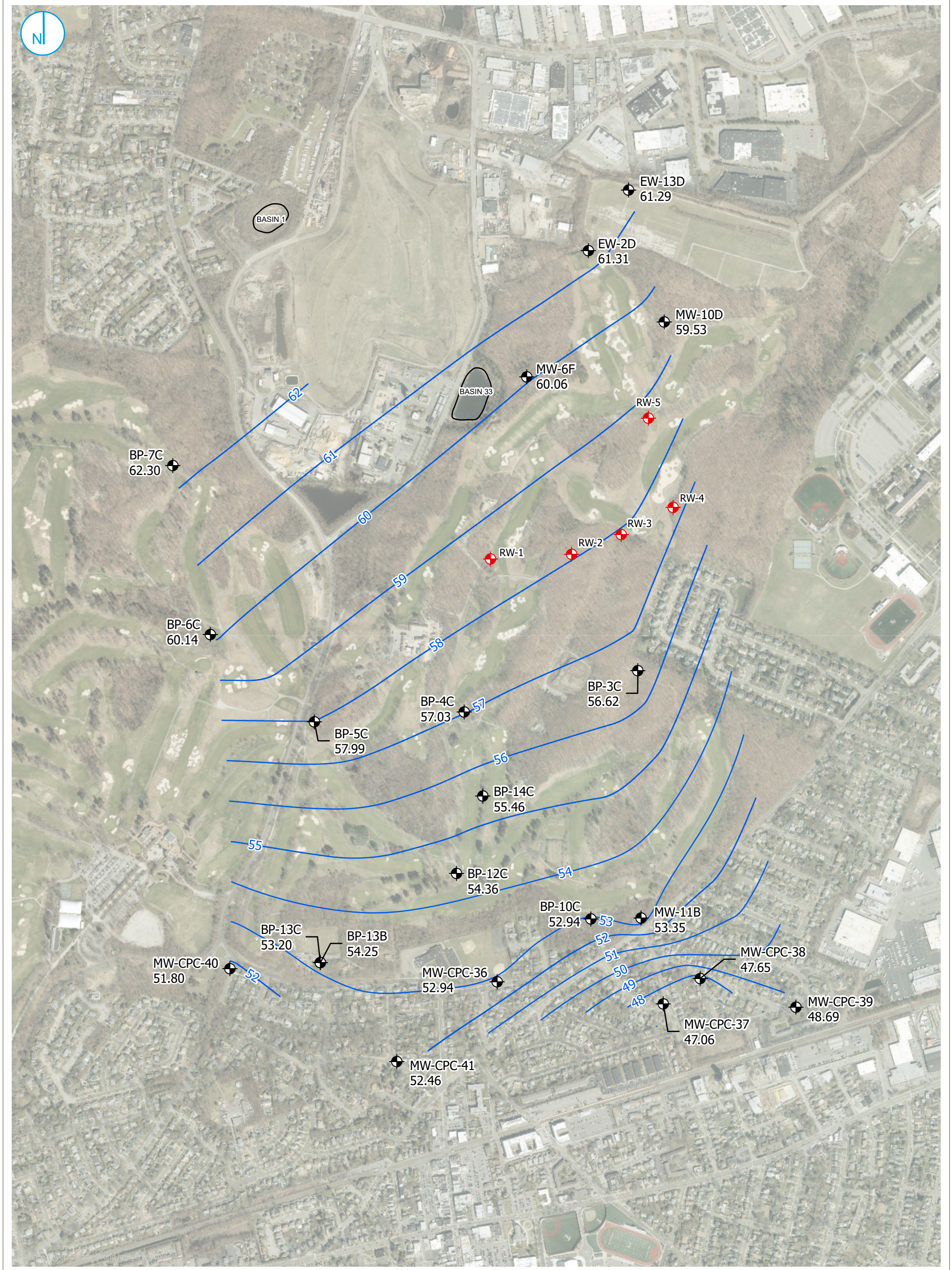
FIGURE 04

0 400 800
 Feet

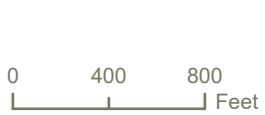
CLAREMONT POLYCHEMICAL CORPORATION
 505 WINDING ROAD
 OLD BETHPAGE, NEW YORK

RAMBOLL AMERICAS
 ENGINEERING SOLUTIONS, INC.
 A RAMBOLL COMPANY





- MONITORING WELL
- RECOVERY WELL
- POTENTIOMETRIC CONTOUR
- RECHARGE BASIN



Notes
 - All elevations recorded in feet in NAVD 88.

**AUGUST 2025
 POTENTIOMETRIC CONTOURS
 LOWER MAGOTHY**

FIGURE 05

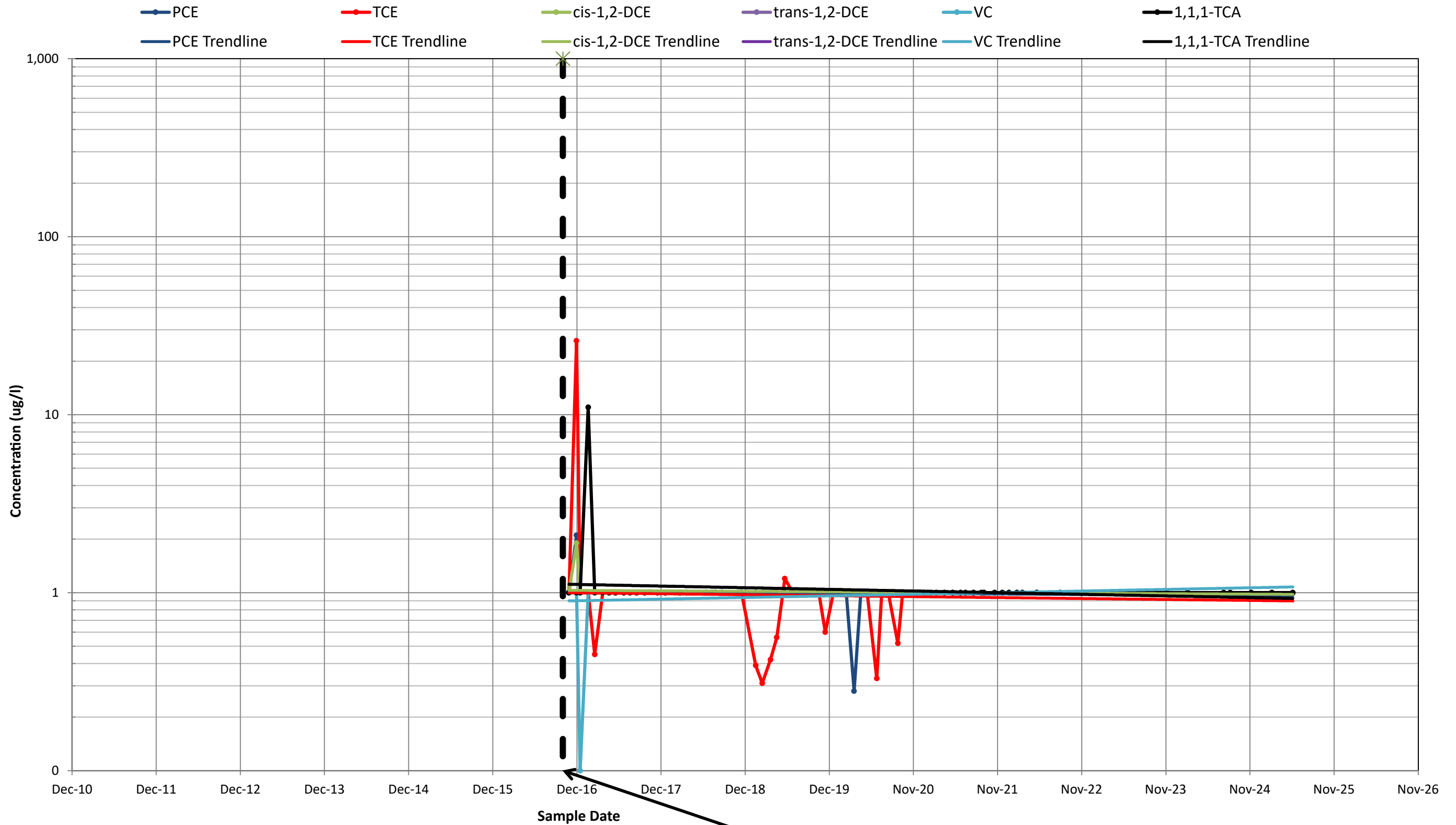
CLAREMONT POLYCHEMICAL CORPORATION
 505 WINDING ROAD
 OLD BETHPAGE, NEW YORK

RAMBOLL AMERICAS
 ENGINEERING SOLUTIONS, INC.
 A RAMBOLL COMPANY



K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_3Q2025\Claremont_Polychemical_3Q2025 aprx\Fig06-Chlorinated_VOC_Effluent

PROJECT: 1940101703 | DATED: 9/24/2025 | DESIGNER: SSOULLE



NYSDEC 703 Class GA: PCE, TCE, trans-1,2-DCE, cis-1,2-DCE, 1,1,1-DCE = 5 ug/l; VC = 2 ug/l;
Detection limits used to display non-detect results. How some reporting limits were generated is unknown.

*On-site groundwater extraction and treatment transitioned from the OU4 treatment facility to the OU5 treatment facility as of October 1, 2016.

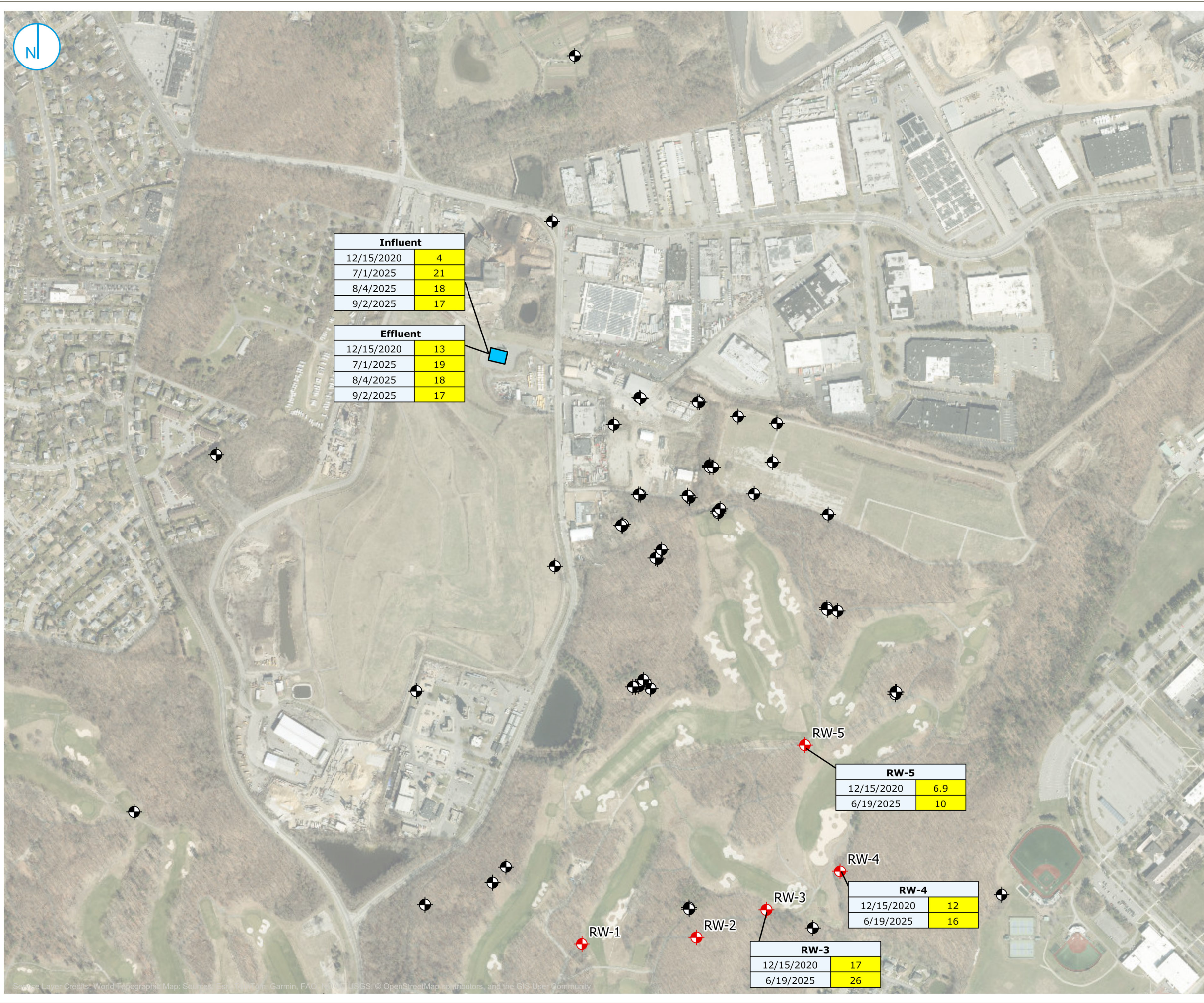
CHLORINATED VOC CONCENTRATIONS EFFLUENT

FIGURE 06

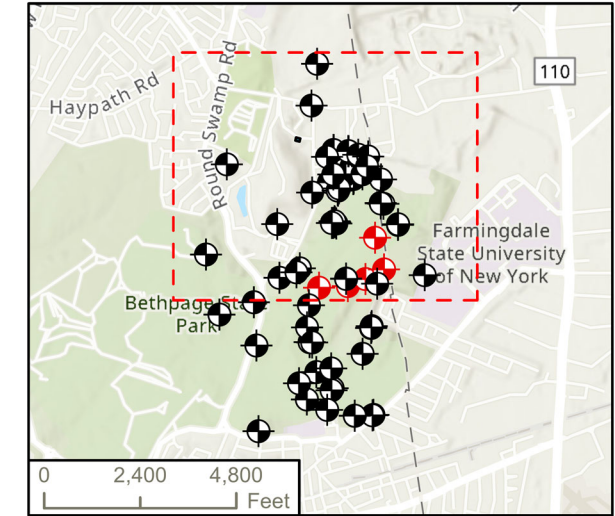
RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK





Source Layer Credits: World Topographic Map; Source: Esri, DeLorme, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community



- MONITORING WELL (GAUGED)
- RECOVERY WELL
- TREATMENT BUILDING

Process Sample Results Notes:

- 1,4-Dioxane was compared to the NYSDEC "Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. Division of Water Technical and Operational Guidance Series (1.1.1)." Last updated February 2023. Criteria shown on table below.
- Exceedance of relevant criteria indicated by yellow highlighting in the data box on the map.
- Final, validated data presented on figure.
- X / X - Indicates primary / duplicate results.
- All results presented in ug/L.

Standards / Criteria:	ug/L
1,4-Dioxane	0.35

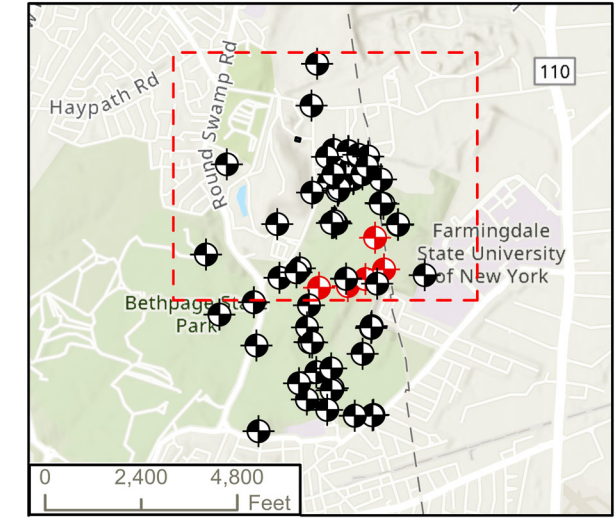
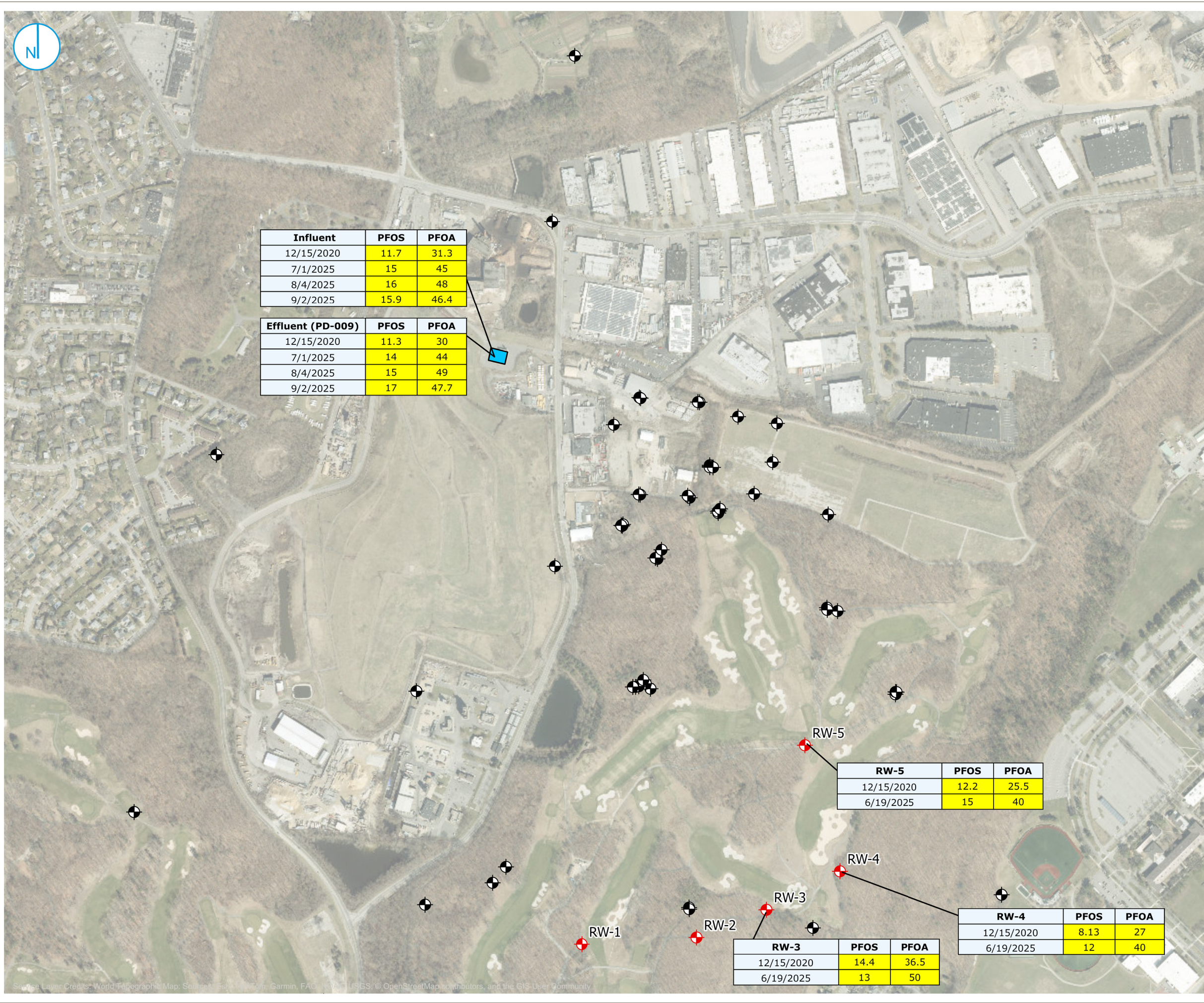


1,4-DIOXANE EXCEEDANCES IN PROCESS SAMPLES

CLAREMONT POLYCHEMICAL CORPORATION
 505 WINDING ROAD
 OLD BETHPAGE, NEW YORK

FIGURE 07





- ⊕ MONITORING WELL (GAUGED)
- ⊕ RECOVERY WELL
- TREATMENT BUILDING

- Process Sample Results Notes:**
1. PFOS and PFOA were compared to the NYSDEC "Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. Division of Water Technical and Operational Guidance Series (1.1.1)." Last updated February 2023.
 2. Only compounds with exceedances are shown. If the compound is not shown it was not detected above the criteria in any sample.
 3. Criteria for compounds shown on this figure are presented in the table below.
 4. Exceedance of relevant criteria indicated by yellow highlighting in the data box on the map.
 5. Final, validated data presented on figure.
 6. X / X - Indicates primary / duplicate results.
 7. All results presented in ng/L.

Standards / Criteria:	ng/L
Perfluorooctanesulfonic acid (PFOS)	2.7
Perfluorooctanoic acid (PFOA)	6.7

0 300 600 Feet

PFAS EXCEEDANCES

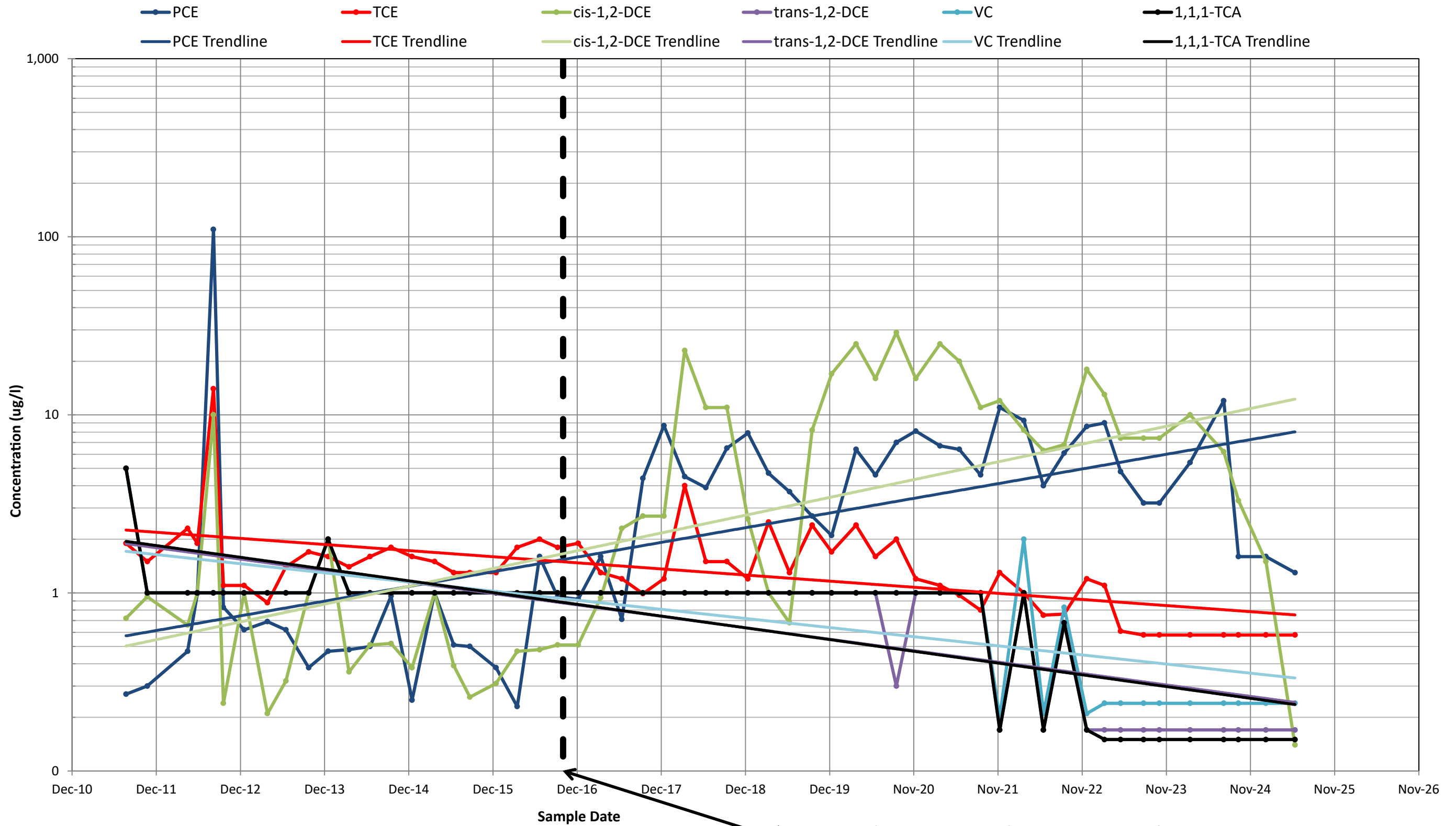
CLAREMONT POLYCHEMICAL CORPORATION
 505 WINDING ROAD
 OLD BETHPAGE, NEW YORK

FIGURE 08

RAMBOLL AMERICAS
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 A RAMBOLL COMPANY



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NYSDEC 703 Class GA: PCE, TCE, trans-1,2-DCE, cis-1,2-DCE, 1,1,1-DCE = 5 ug/l; VC = 2 ug/l;
Detection limits used to display non-detect results. How some reporting limits were generated is unknown.

*On-site groundwater extraction and treatment transitioned from the OU4 treatment facility to the OU5 treatment facility as of October 1, 2016.

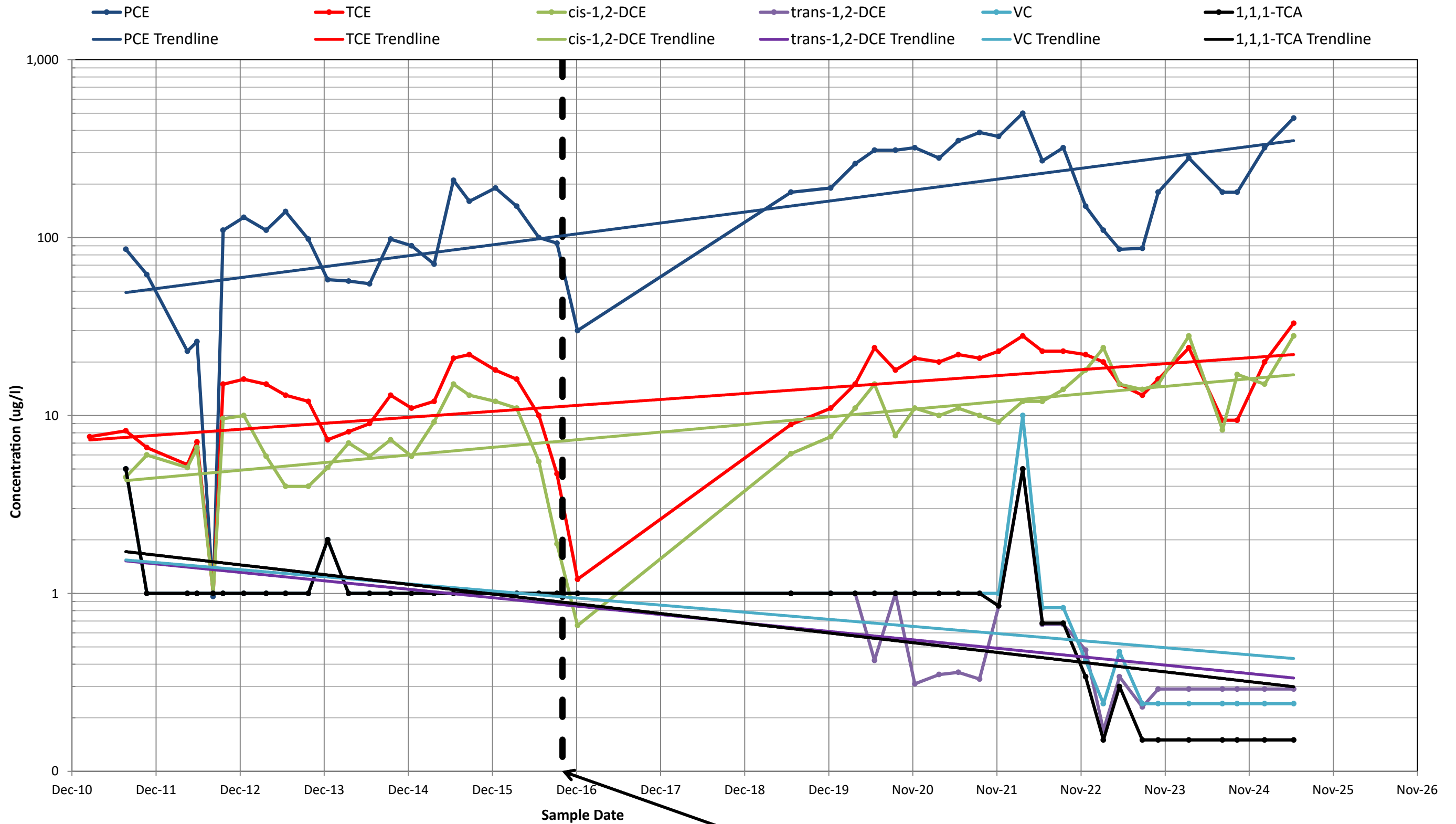
CHLORINATED VOC CONCENTRATIONS DW-1

FIGURE 09

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY





NYSDEC 703 Class GA: PCE, TCE, trans-1,2-DCE, cis-1,2-DCE, 1,1,1-DCE = 5 ug/l; VC = 2 ug/l;
 Detection limits used to display non-detect results. How some reporting limits were generated is unknown.

Well was dry in for all four quarters of 2017.

*On-site groundwater extraction and treatment transitioned from the OU4 treatment facility to the OU5 treatment facility as of October 1, 2016.

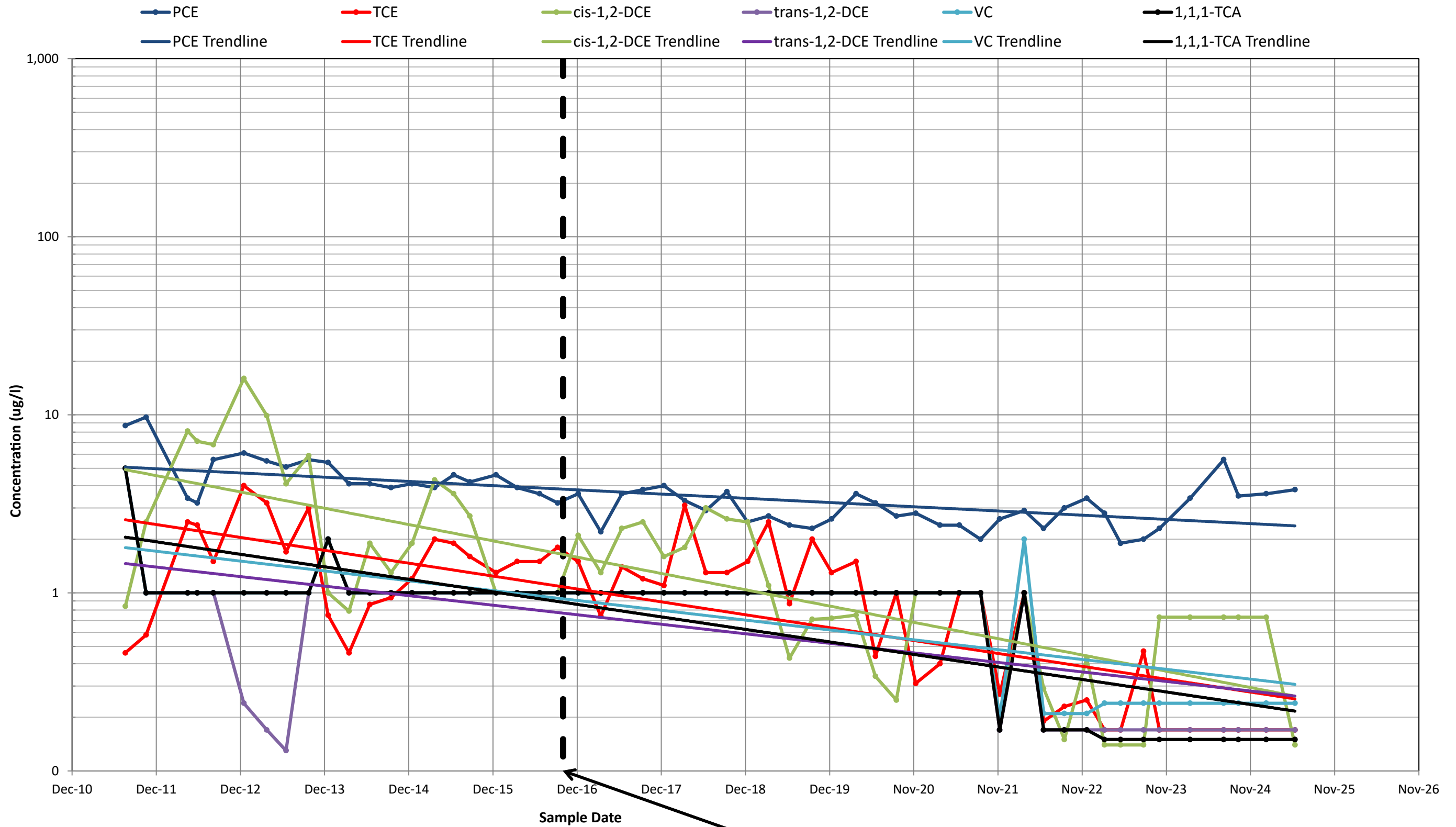
CHLORINATED VOC CONCENTRATIONS
SW-1

FIGURE 10

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK





NYSDEC 703 Class GA: PCE, TCE, trans-1,2-DCE, cis-1,2-DCE, 1,1,1-DCE = 5 ug/l; VC = 2 ug/l;
 Detection limits used to display non-detect results. How some reporting limits were generated is unknown.

*On-site groundwater extraction and treatment transitioned from the OU4 treatment facility to the OU5 treatment facility as of October 1, 2016.

CHLORINATED VOC CONCENTRATIONS
EW-1A

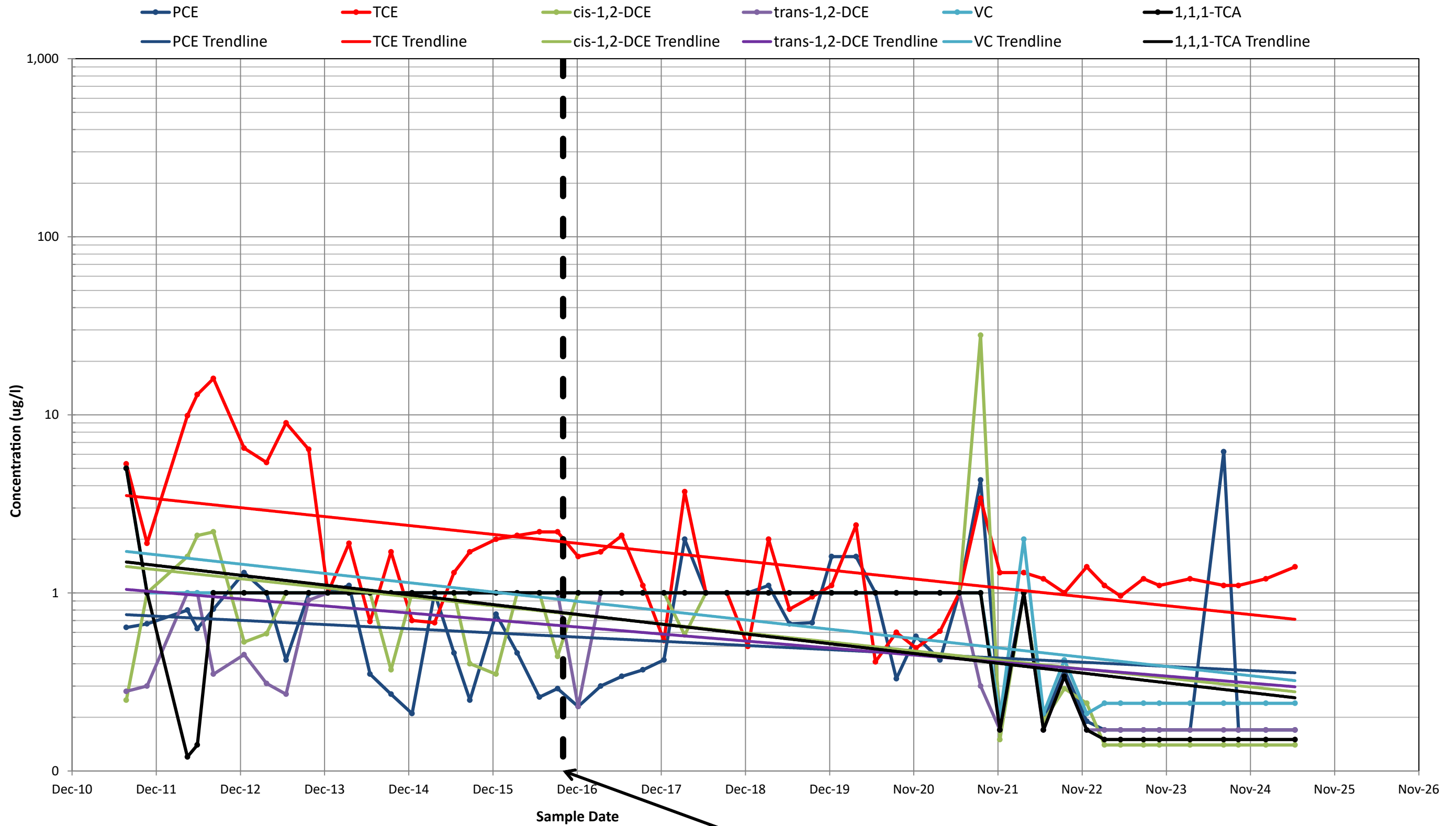
FIGURE 11

RAMBOLL AMERICAS
 ENGINEERING SOLUTIONS, INC.
 A RAMBOLL COMPANY

CLAREMONT POLYCHEMICAL CORPORATION
 505 WINDING ROAD
 OLD BETHPAGE, NEW YORK



PROJECT: 1940101703 | DATED: 9/24/2025 | DESIGNER: SSOULE
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NYSDEC 703 Class GA: PCE, TCE, trans-1,2-DCE, cis-1,2-DCE, 1,1,1-DCE = 5 ug/l; VC = 2 ug/l;
Detection limits used to display non-detect results. How some reporting limits were generated is unknown.

*On-site groundwater extraction and treatment transitioned from the OU4 treatment facility to the OU5 treatment facility as of October 1, 2016.

CHLORINATED VOC CONCENTRATIONS EW-5

FIGURE 12

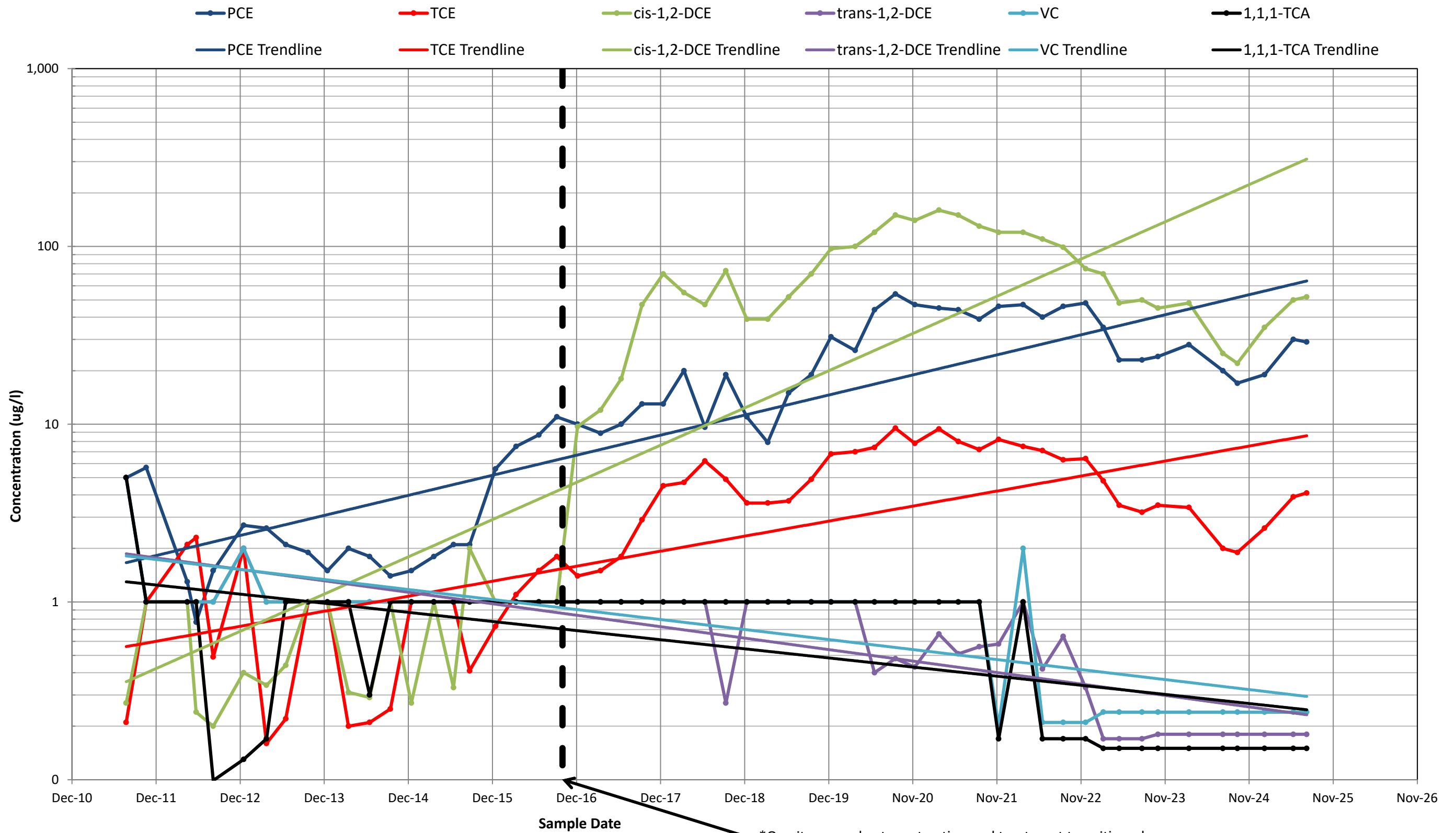
RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK



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PROJECT: 1940101703 | DATED: 10/8/2025 | DESIGNER: SSOULE



NYSDEC 703 Class GA: PCE, TCE, trans-1,2-DCE, cis-1,2-DCE, 1,1,1-DCE = 5 ug/l; VC = 2 ug/l;
Detection limits used to display non-detect results. How some reporting limits were generated is unknown.

*On-site groundwater extraction and treatment transitioned from the OU4 treatment facility to the OU5 treatment facility as of October 1, 2016.

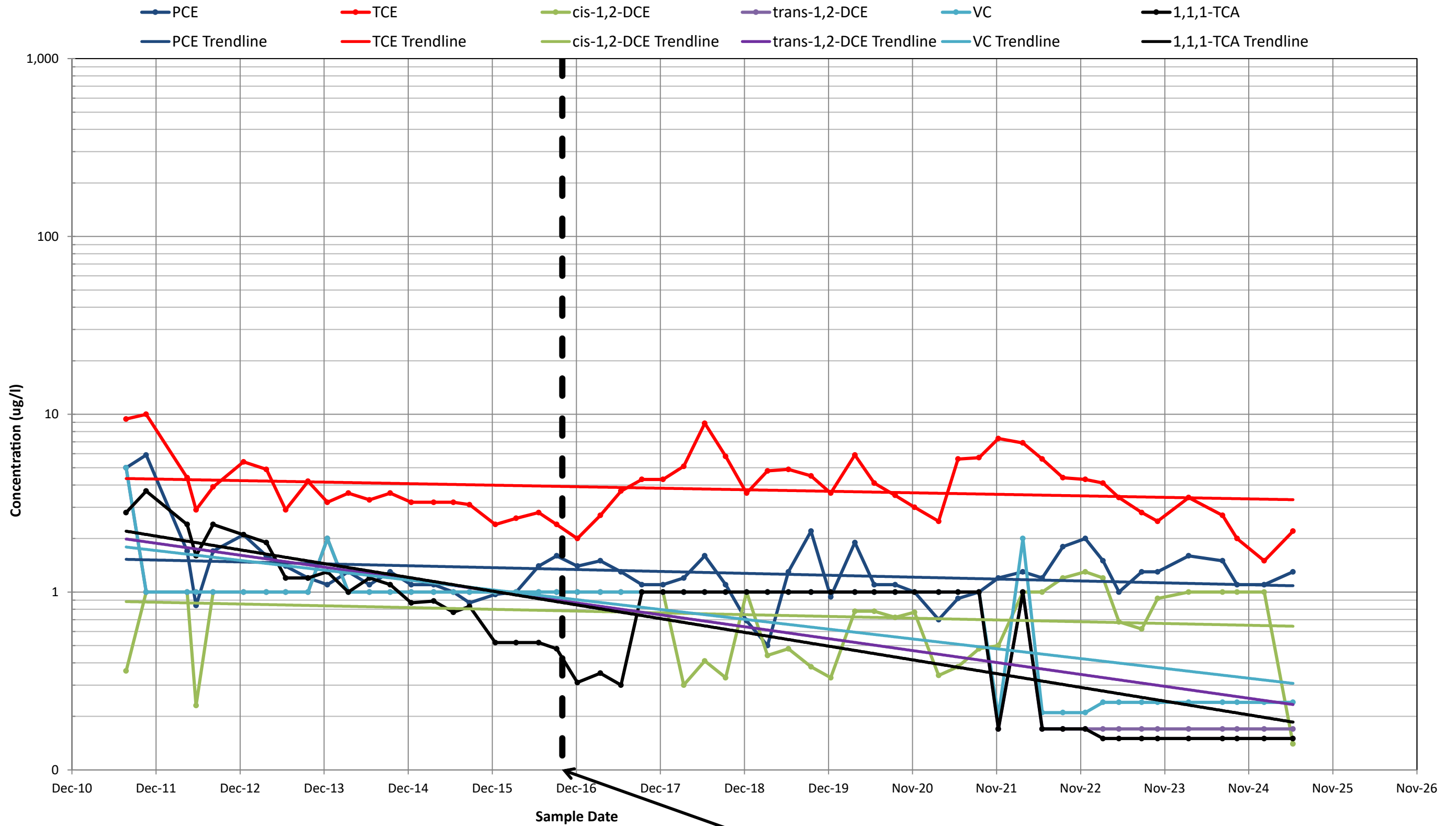
CHLORINATED VOC CONCENTRATIONS EW-4A

FIGURE 13

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK





NYSDEC 703 Class GA: PCE, TCE, trans-1,2-DCE, cis-1,2-DCE, 1,1,1-DCE = 5 ug/l; VC = 2 ug/l;
 Detection limits used to display non-detect results. How some reporting limits were generated is unknown.

*On-site groundwater extraction and treatment transitioned from the OU4 treatment facility to the OU5 treatment facility as of October 1, 2016.

CHLORINATED VOC CONCENTRATIONS
EW-4B

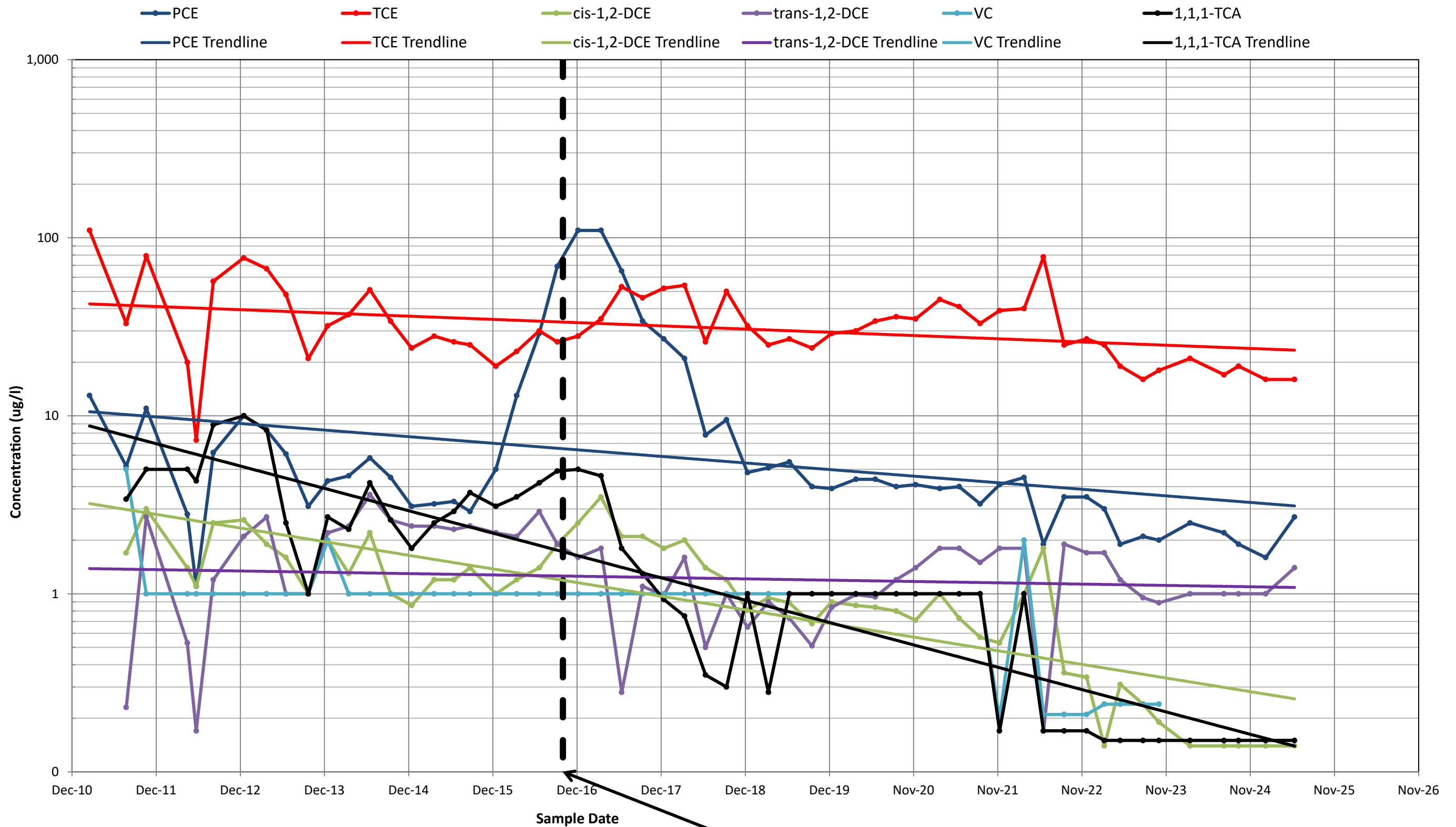
FIGURE 14

RAMBOLL AMERICAS
 ENGINEERING SOLUTIONS, INC.
 A RAMBOLL COMPANY

CLAREMONT POLYCHEMICAL CORPORATION
 505 WINDING ROAD
 OLD BETHPAGE, NEW YORK



K:\NYS-DEC-1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_3Q2025\Claremont_Polychemical_3Q2025.aprx\Fig15-Chlorinated_VOC_EW-4C
PROJECT: 1940101703 | DATED: 9/24/2025 | DESIGNER: SSOULE



NYSDEC 703 Class GA: PCE, TCE, trans-1,2-DCE, cis-1,2-DCE, 1,1,1-DCE = 5 ug/l; VC = 2 ug/l;
Detection limits used to display non-detect results. How some reporting limits were generated is unknown.

*On-site groundwater extraction and treatment transitioned from the OU4 treatment facility to the OU5 treatment facility as of October 1, 2016.

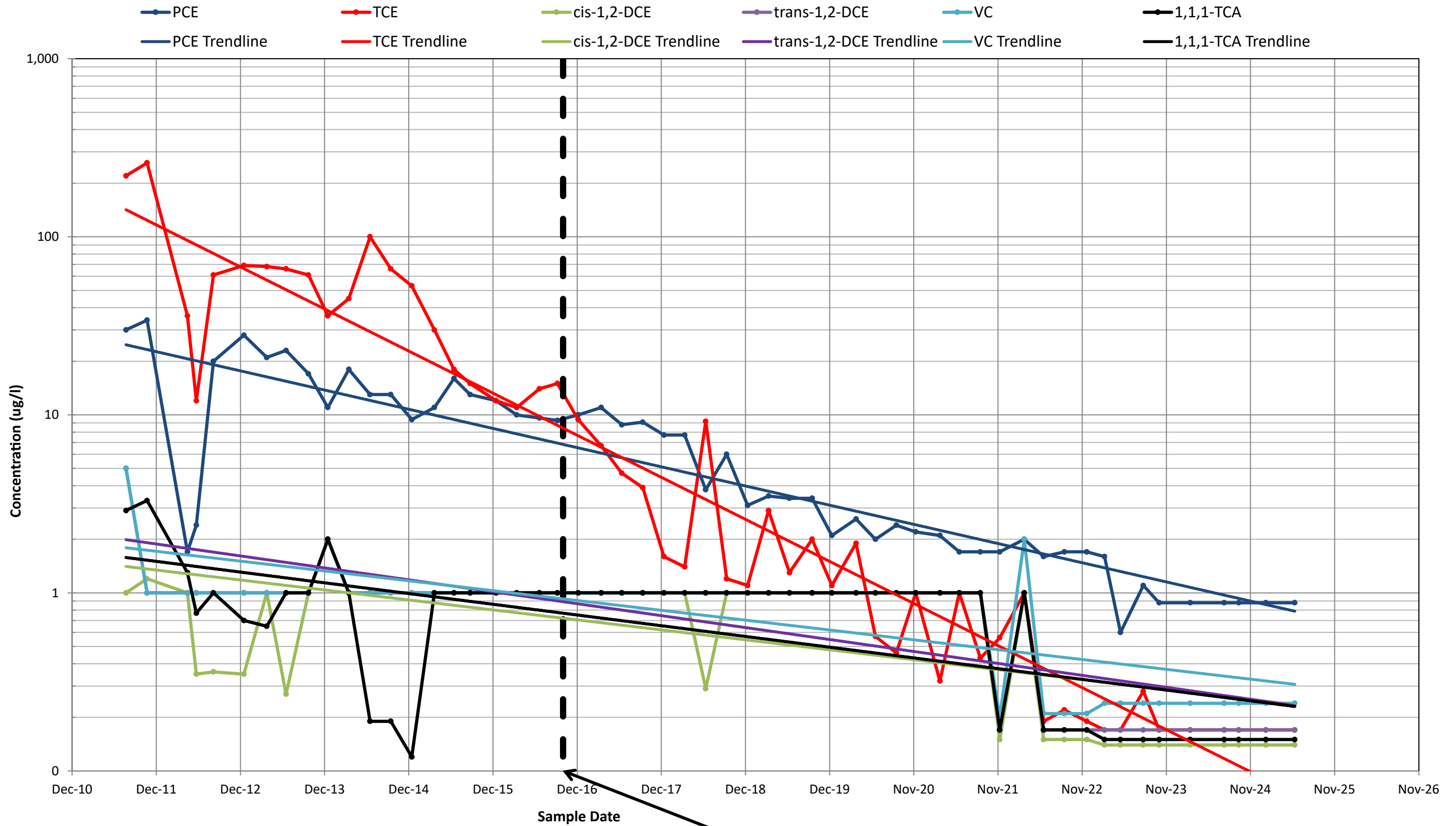
CHLORINATED VOC CONCENTRATIONS EW-4C

FIGURE 15

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK





NYSDEC 703 Class GA: PCE, TCE, trans-1,2-DCE, cis-1,2-DCE, 1,1,1-DCE = 5 ug/l; VC = 2 ug/l;
Detection limits used to display non-detect results. How some reporting limits were generated is unknown.

*On-site groundwater extraction and treatment transitioned from the OU4 treatment facility to the OU5 treatment facility as of October 1, 2016.

CHLORINATED VOC CONCENTRATIONS EW-4D

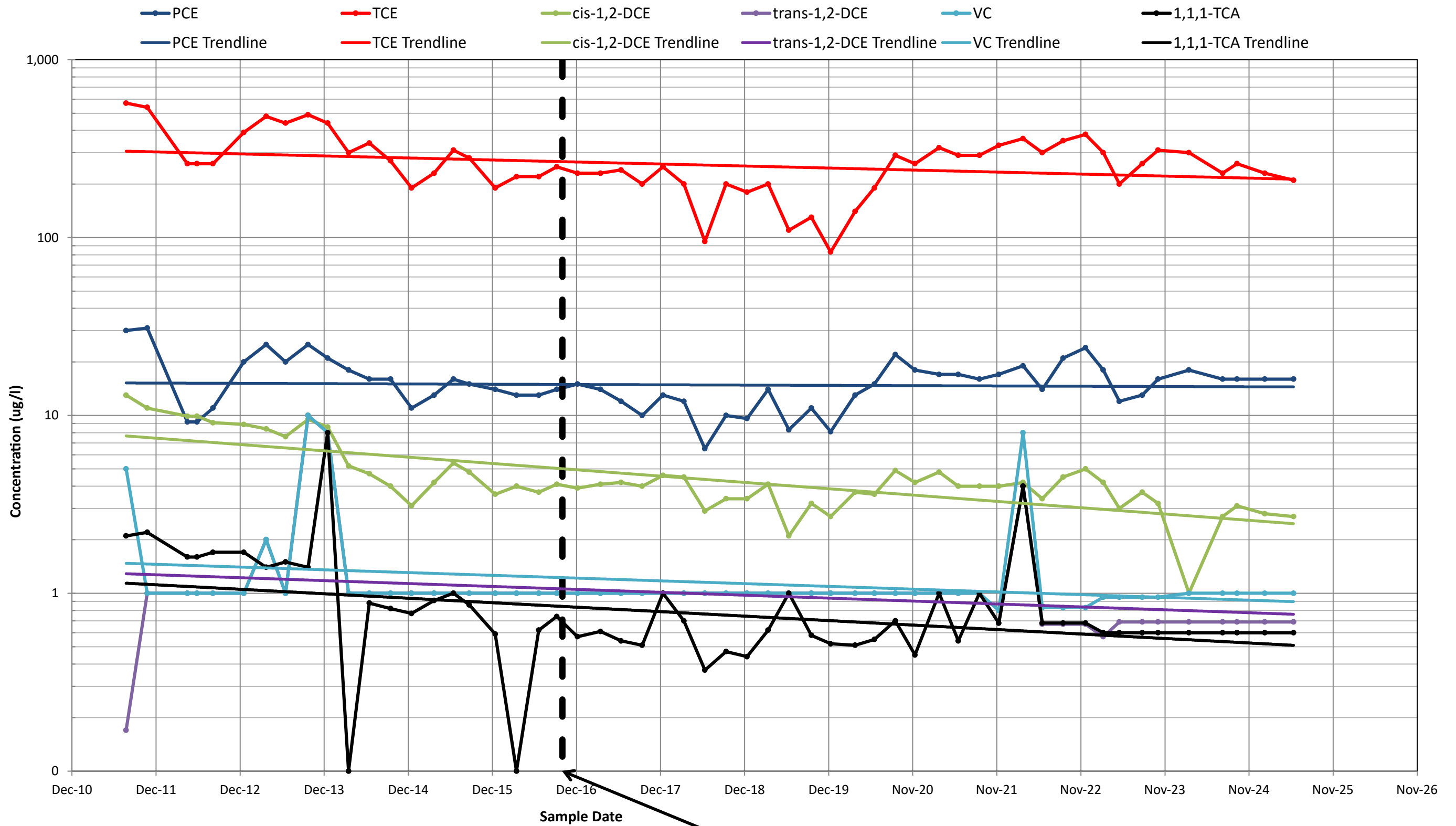
FIGURE 16

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK



K:\NYS-DEC-1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_3Q2025.aprx\Fig17-Chlorinated_VOC_EW-7C
PROJECT: 1940101703 | DATED: 9/24/2025 | DESIGNER: SSOULE



NYSDEC 703 Class GA: PCE, TCE, trans-1,2-DCE, cis-1,2-DCE, 1,1,1-DCE = 5 ug/l; VC = 2 ug/l;
Detection limits used to display non-detect results. How some reporting limits were generated is unknown.

*On-site groundwater extraction and treatment transitioned from the OU4 treatment facility to the OU5 treatment facility as of October 1, 2016.

CHLORINATED VOC CONCENTRATIONS EW-7C

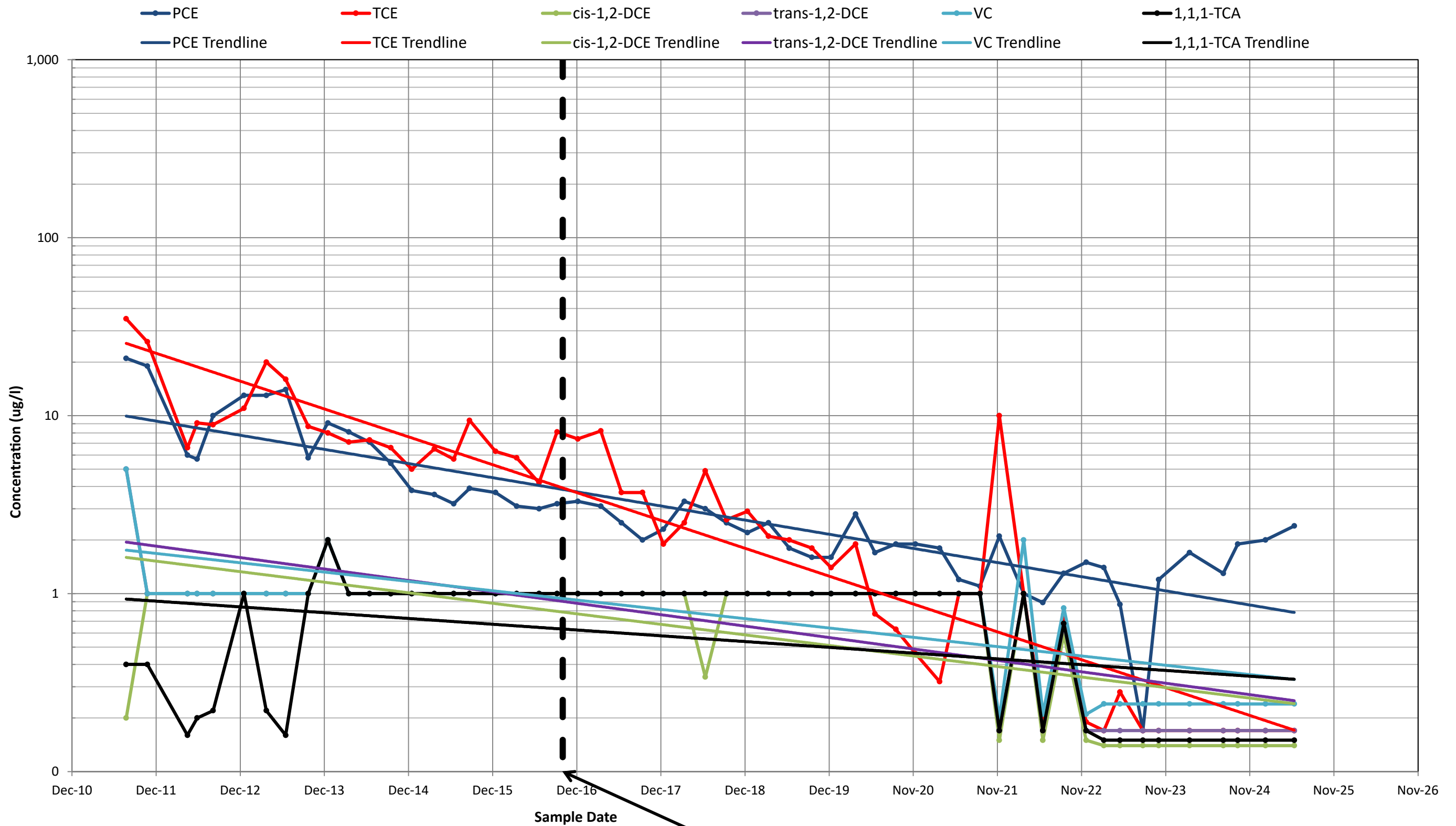
CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

FIGURE 17

RAMBOLL AMERICAS
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A RAMBOLL COMPANY



K:\NYS-DEC-1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_3Q2025.aprx\Fig18-Chlorinated_VOC_EW-7D
PROJECT: 1940101703 | DATED: 9/24/2025 | DESIGNER: SSOULLE



NYSDEC 703 Class GA: PCE, TCE, trans-1,2-DCE, cis-1,2-DCE, 1,1,1-DCE = 5 ug/l; VC = 2 ug/l;
Detection limits used to display non-detect results. How some reporting limits were generated is unknown.

*On-site groundwater extraction and treatment transitioned from the OU4 treatment facility to the OU5 treatment facility as of October 1, 2016.

CHLORINATED VOC CONCENTRATIONS EW-7D

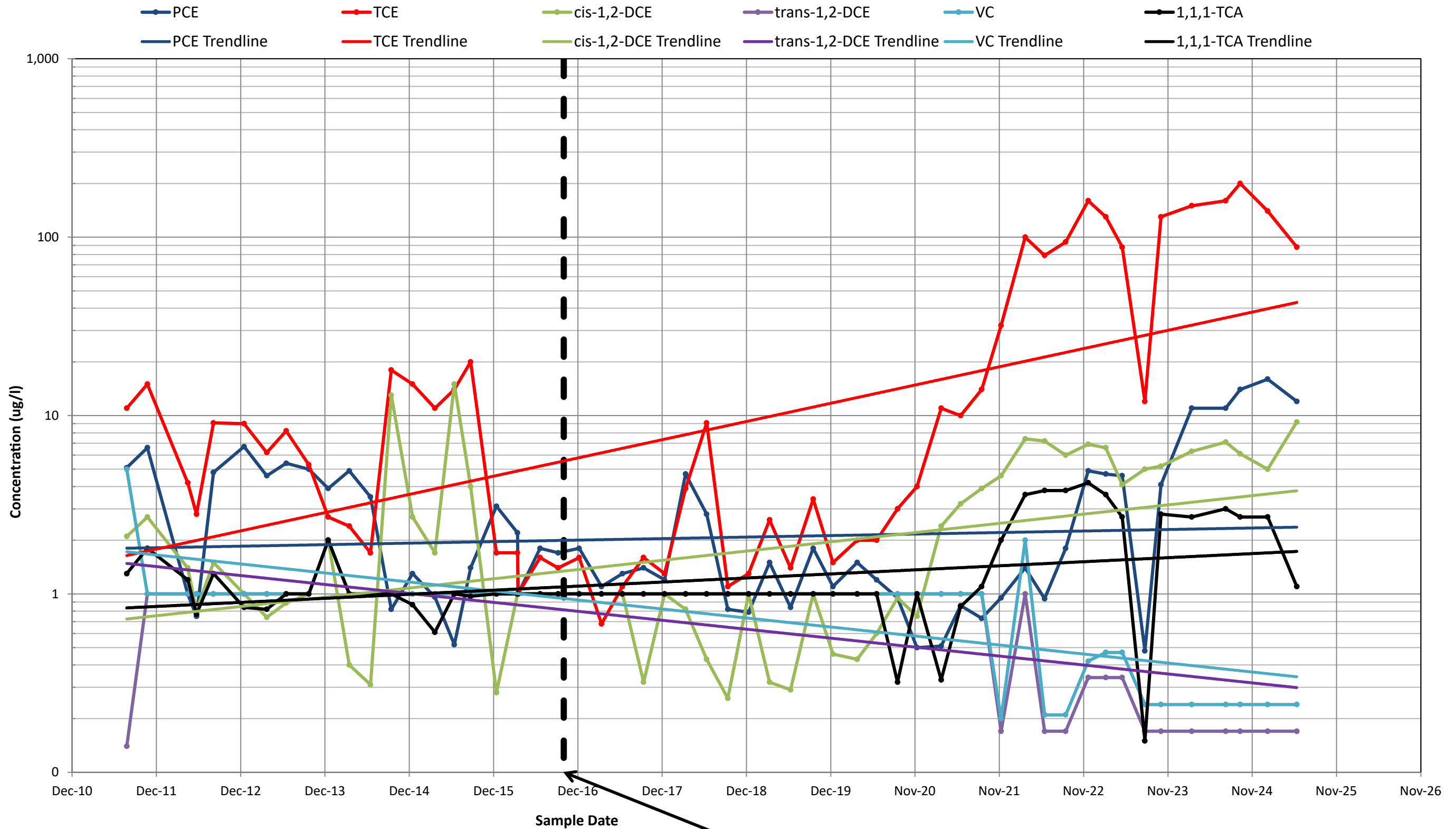
FIGURE 18

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK



K:\NYS-DEC-1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_3Q2025\Claremont_Polychemical_3Q2025.aprx\Fig19-Chlorinated_VOC_MW-10D
PROJECT: 1940101703 | DATED: 9/24/2025 | DESIGNER: SSOULE



NYSDEC 703 Class GA: PCE, TCE, trans-1,2-DCE, cis-1,2-DCE, 1,1,1-DCE = 5 ug/l; VC = 2 ug/l;
Detection limits used to display non-detect results. How some reporting limits were generated is unknown.

*On-site groundwater extraction and treatment transitioned from the OU4 treatment facility to the OU5 treatment facility as of October 1, 2016.

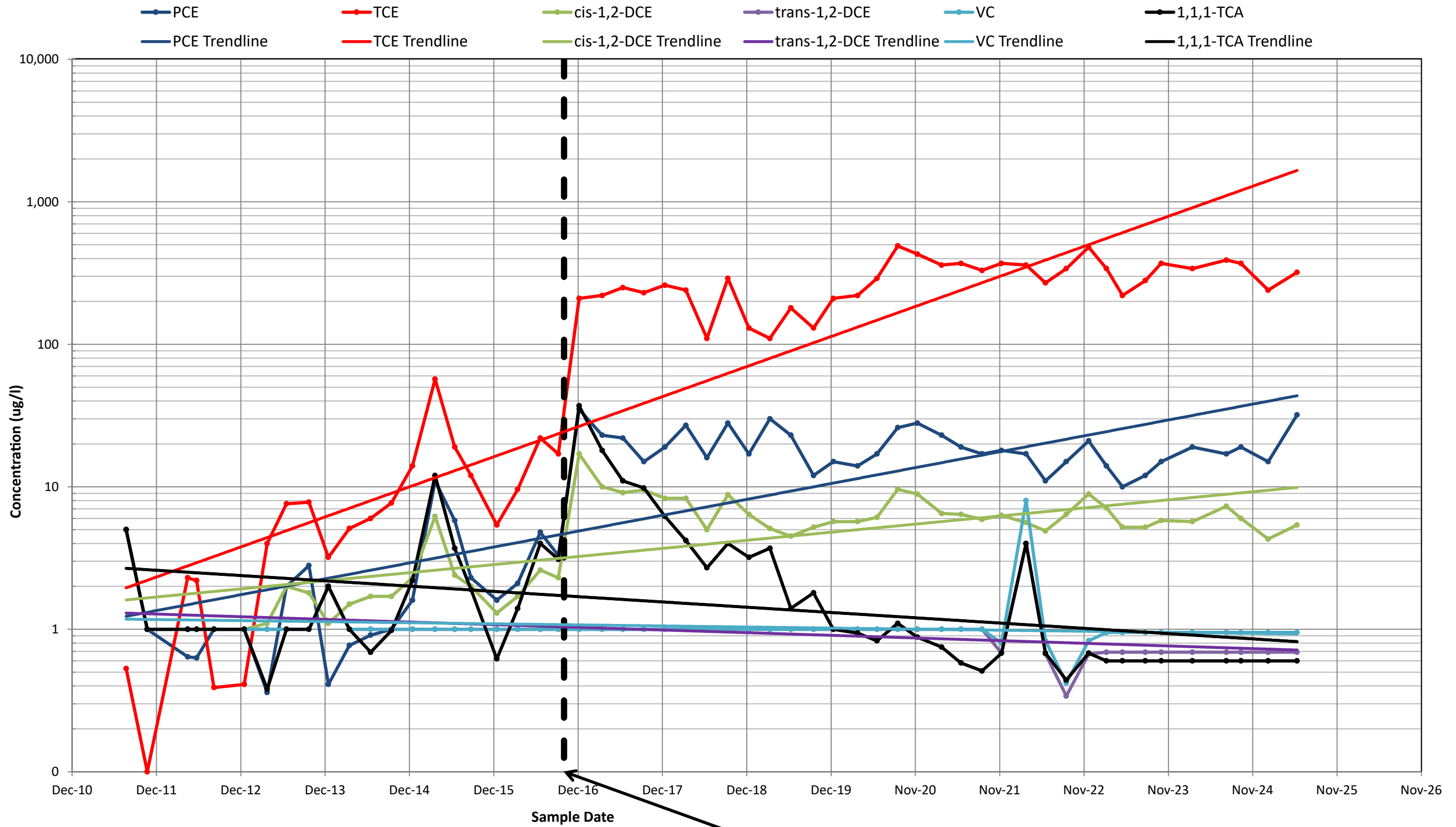
CHLORINATED VOC CONCENTRATIONS MW-10D

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

FIGURE 19

RAMBOLL AMERICAS
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NYSDEC 703 Class GA: PCE, TCE, trans-1,2-DCE, cis-1,2-DCE, 1,1,1-DCE = 5 ug/l; VC = 2 ug/l;
Detection limits used to display non-detect results. How some reporting limits were generated is unknown.

*On-site groundwater extraction and treatment transitioned from the OU4 treatment facility to the OU5 treatment facility as of October 1, 2016.

CHLORINATED VOC CONCENTRATIONS EW-12D

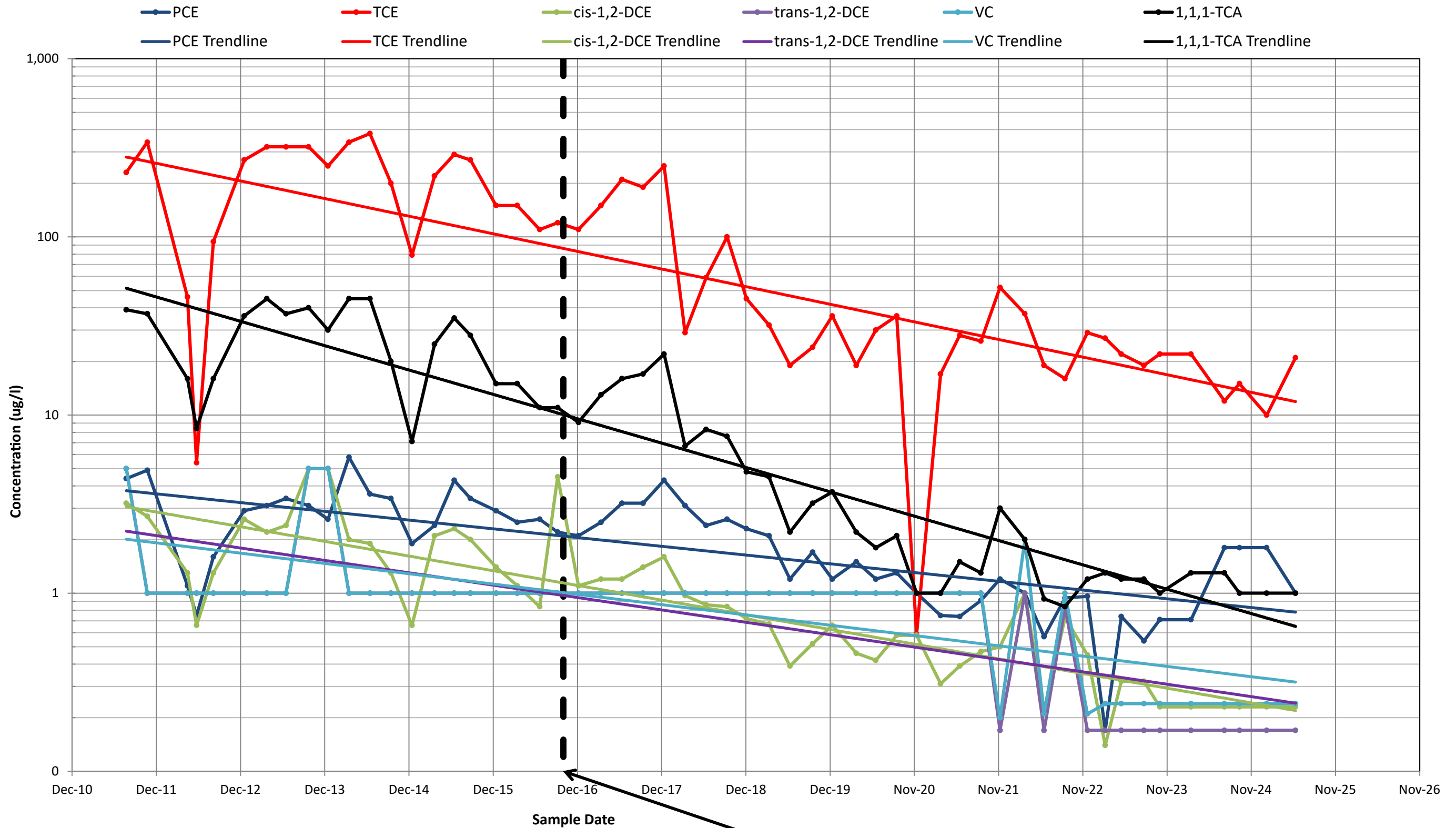
FIGURE 20

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK



K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_302025\Claremont_Polychemical_302025.aprx\Fig21-Chlorinated_VOC_EW-14D
 PROJECT: 1940101703 | DATED: 9/24/2025 | DESIGNER: SSOULE



NYSDEC 703 Class GA: PCE, TCE, trans-1,2-DCE, cis-1,2-DCE, 1,1,1-DCE = 5 ug/l; VC = 2 ug/l;
 Detection limits used to display non-detect results. How some reporting limits were generated is unknown.

*On-site groundwater extraction and treatment transitioned from the OU4 treatment facility to the OU5 treatment facility as of October 1, 2016.

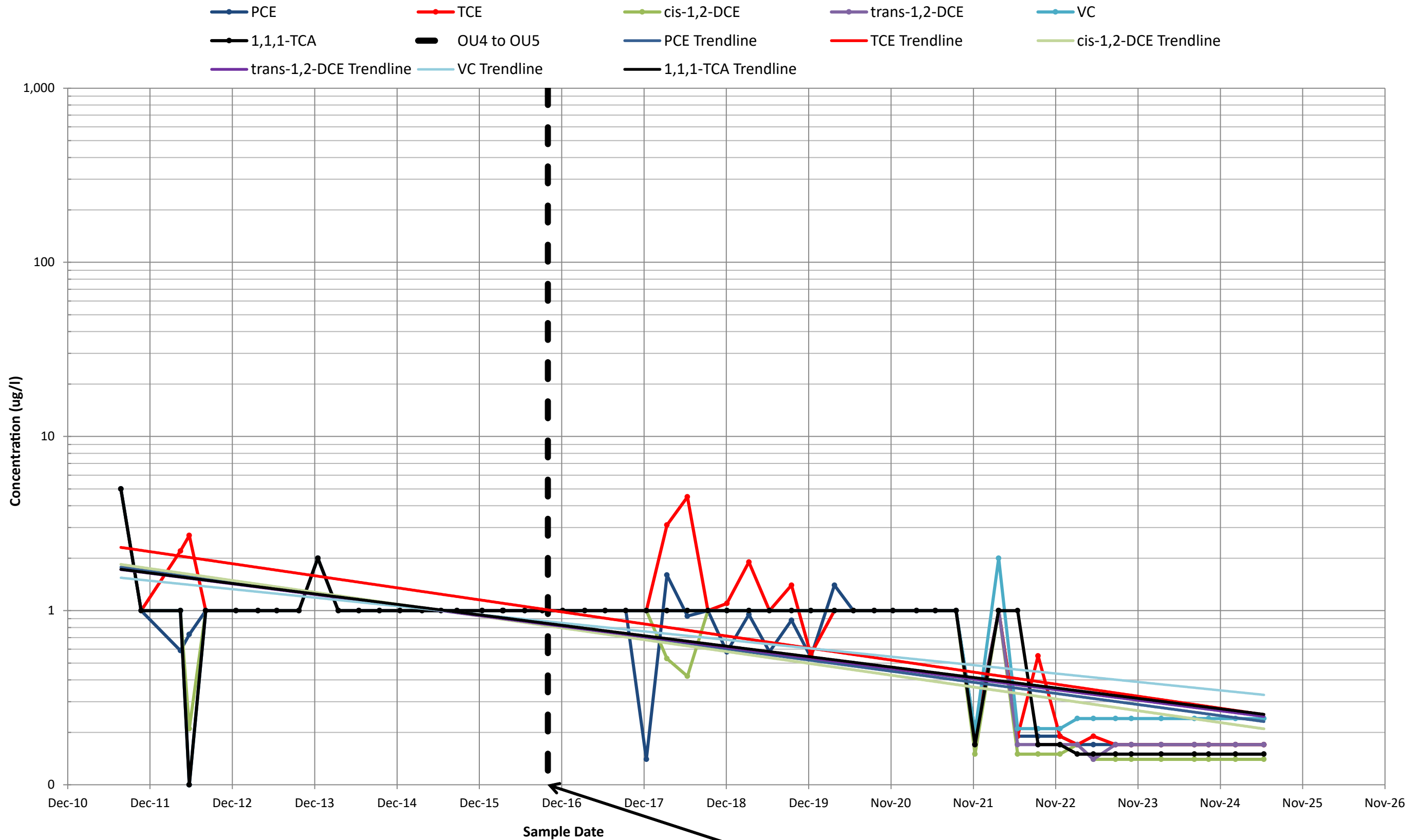
CHLORINATED VOC CONCENTRATIONS
EW-14D

FIGURE 21

RAMBOLL AMERICAS
 ENGINEERING SOLUTIONS, INC.
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CLAREMONT POLYCHEMICAL CORPORATION
 505 WINDING ROAD
 OLD BETHPAGE, NEW YORK





NYSDEC 703 Class GA: PCE, TCE, trans-1,2-DCE, cis-1,2-DCE, 1,1,1-DCE = 5 ug/l; VC = 2 ug/l;
 Detection limits used to display non-detect results. How some reporting limits were generated is unknown.

*On-site groundwater extraction and treatment transitioned from the OU4 treatment facility to the OU5 treatment facility as of October 1, 2016.

CHLORINATED VOC CONCENTRATIONS
BP-3A

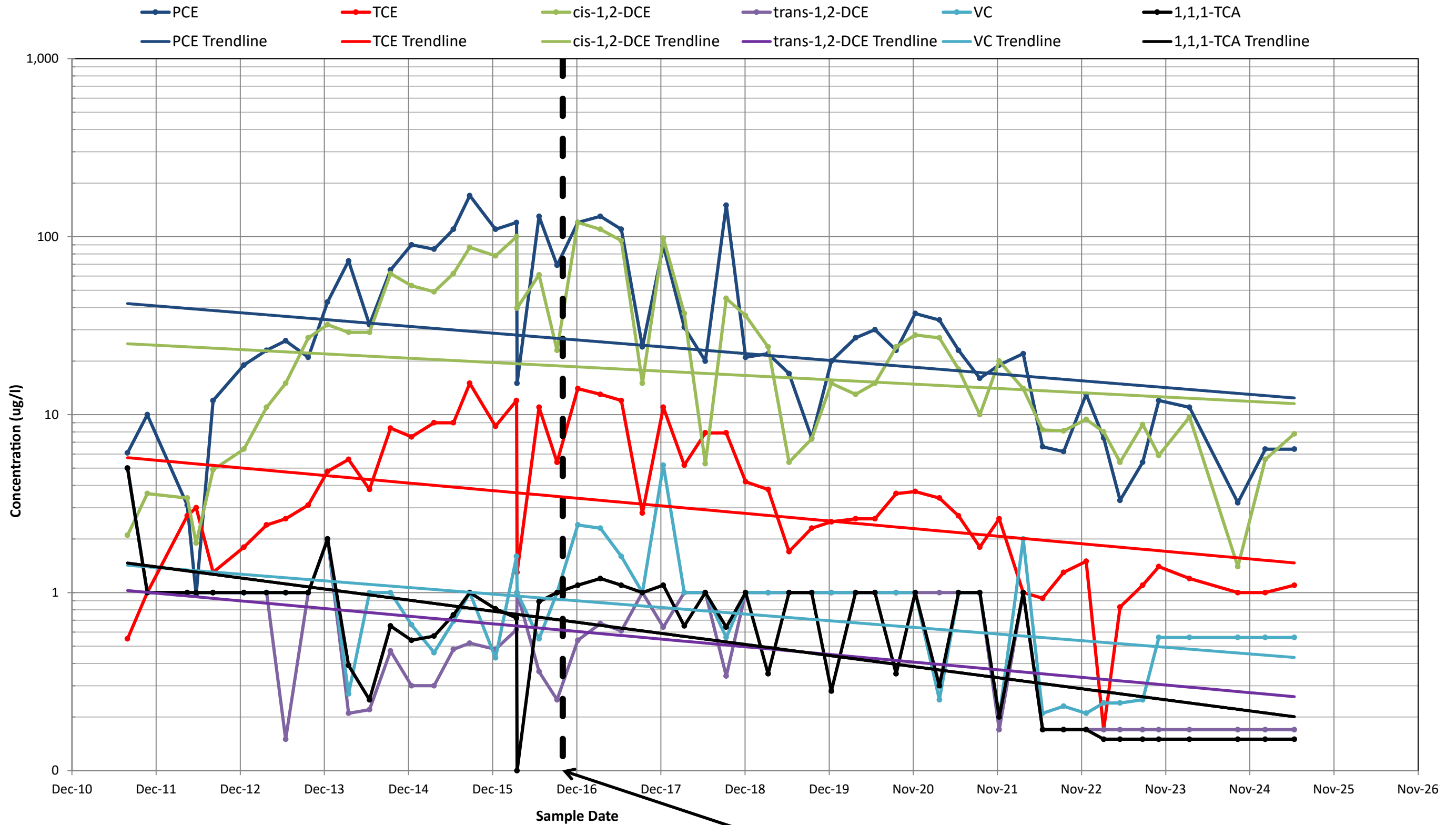
CLAREMONT POLYCHEMICAL CORPORATION
 505 WINDING ROAD
 OLD BETHPAGE, NEW YORK

FIGURE 22

RAMBOLL AMERICAS
 ENGINEERING SOLUTIONS, INC.
 A RAMBOLL COMPANY



PROJECT: 1940101703 | DATED: 9/24/2025 | DESIGNER: SSOULE
K:\NYS-DEC-1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_302025.aprx\Fig23-Chlorinated_VOC_BP-3B



NYSDEC 703 Class GA: PCE, TCE, trans-1,2-DCE, cis-1,2-DCE, 1,1,1-DCE = 5 ug/l; VC = 2 ug/l;
Detection limits used to display non-detect results. How some reporting limits were generated is unknown.

*On-site groundwater extraction and treatment transitioned from the OU4 treatment facility to the OU5 treatment facility as of October 1, 2016.

CHLORINATED VOC CONCENTRATIONS BP-3B

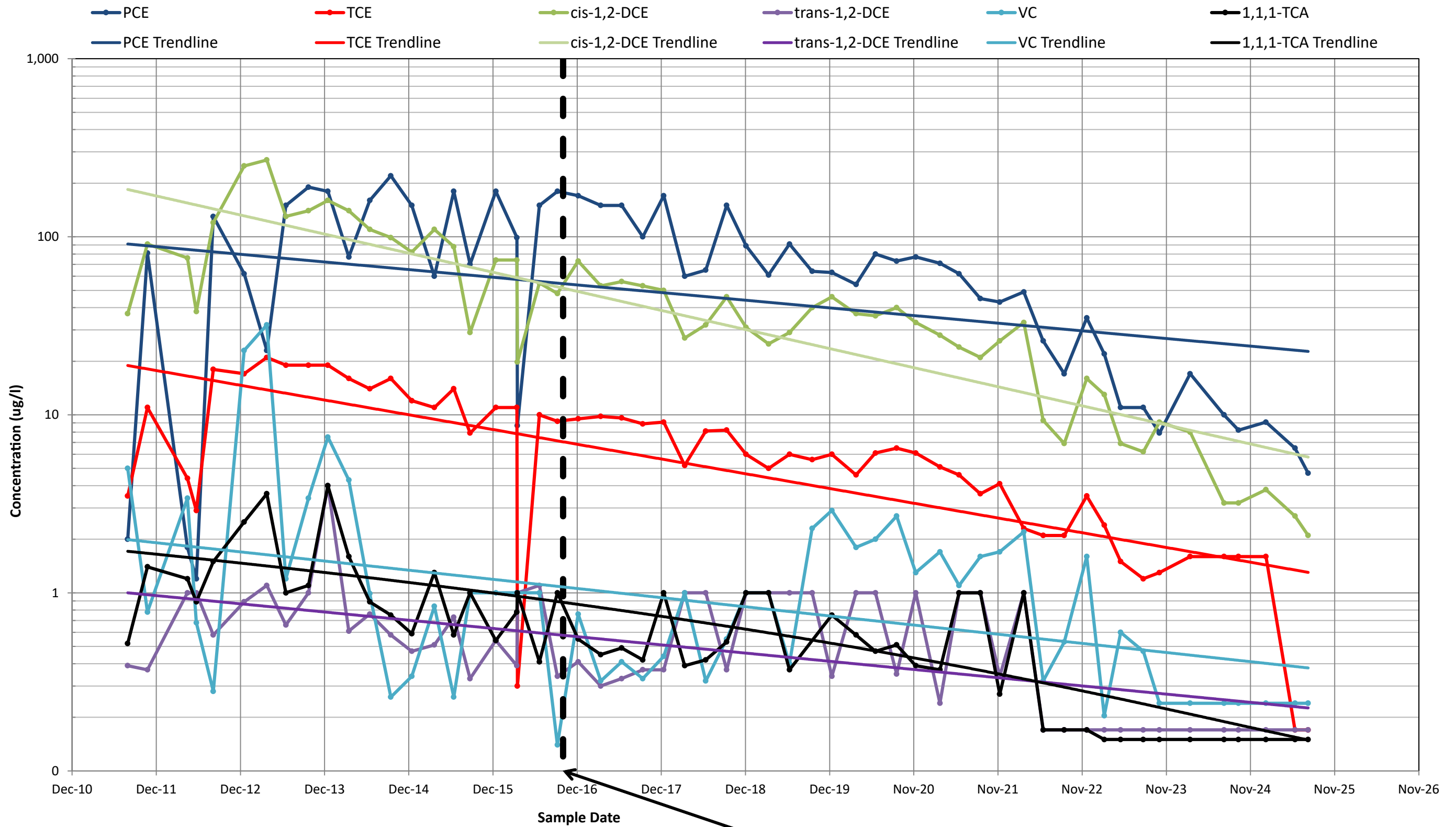
FIGURE 23

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY



PROJECT: 1690001940101703 | DATED: 10/8/2025 | DESIGNER: SSOJLE
K:\NYS-DEC-1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_3Q2025\Claremont_Polychemical_3Q2025.aprx\Fig24-Chlorinated_VOC_BP-3C



NYSDEC 703 Class GA: PCE, TCE, trans-1,2-DCE, cis-1,2-DCE, 1,1,1-DCE = 5 ug/l; VC = 2 ug/l;
Detection limits used to display non-detect results. How some reporting limits were generated is unknown.

*On-site groundwater extraction and treatment transitioned from the OU4 treatment facility to the OU5 treatment facility as of October 1, 2016.

CHLORINATED VOC CONCENTRATIONS BP-3C

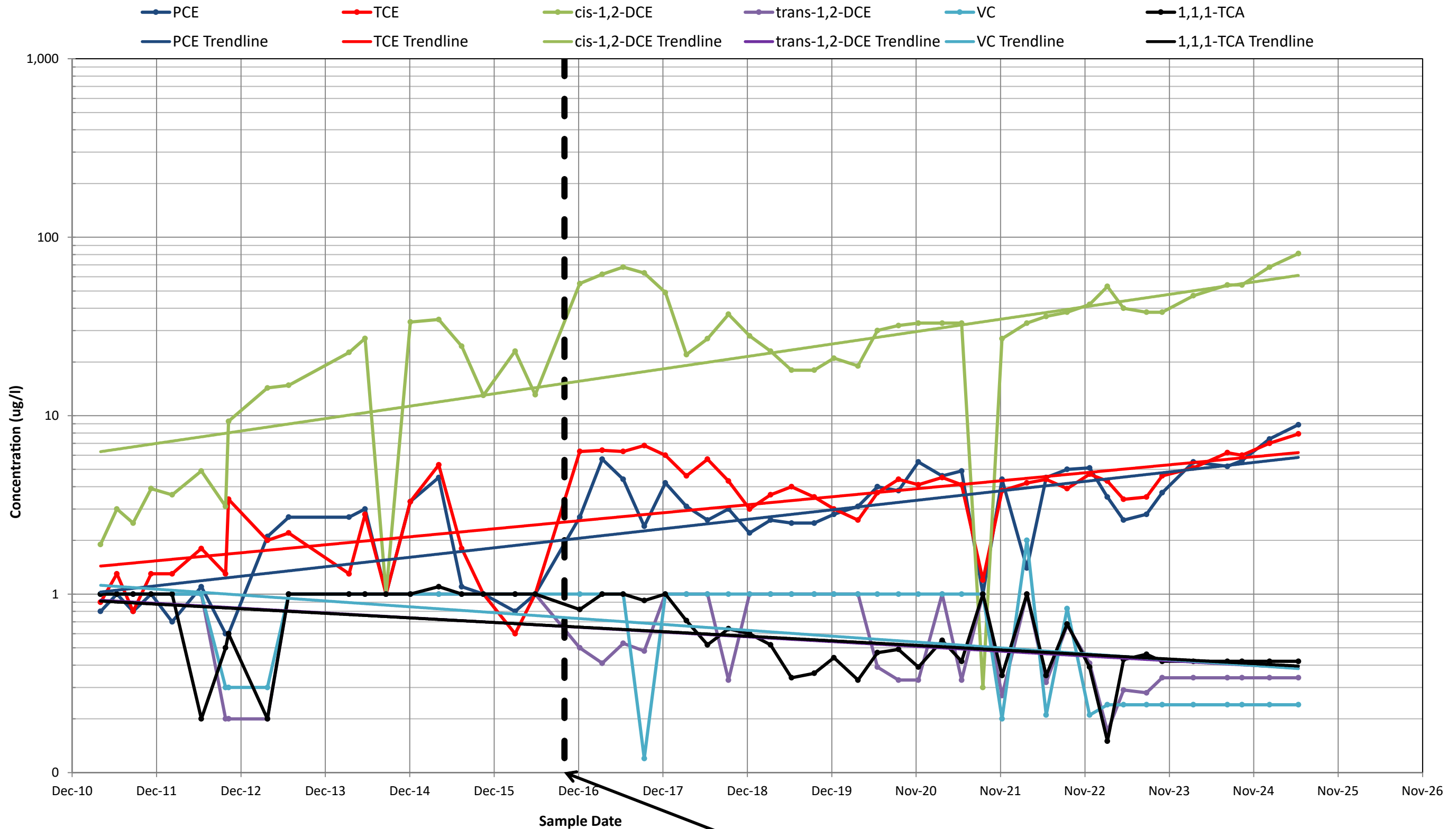
FIGURE 24

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK



K:\NYS-DEC-1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_302025\Claremont_Polychemical_302025.aprx\Fig25-Chlorinated_VOC_MW-11A
PROJECT: 1940101703 | DATED: 9/24/2025 | DESIGNER: SSOULE



NYSDEC 703 Class GA: PCE, TCE, trans-1,2-DCE, cis-1,2-DCE, 1,1,1-DCE = 5 ug/l; VC = 2 ug/l;
Detection limits used to display non-detect results. How some reporting limits were generated is unknown.

*On-site groundwater extraction and treatment transitioned from the OU4 treatment facility to the OU5 treatment facility as of October 1, 2016.

CHLORINATED VOC CONCENTRATIONS MW-11A

FIGURE 25

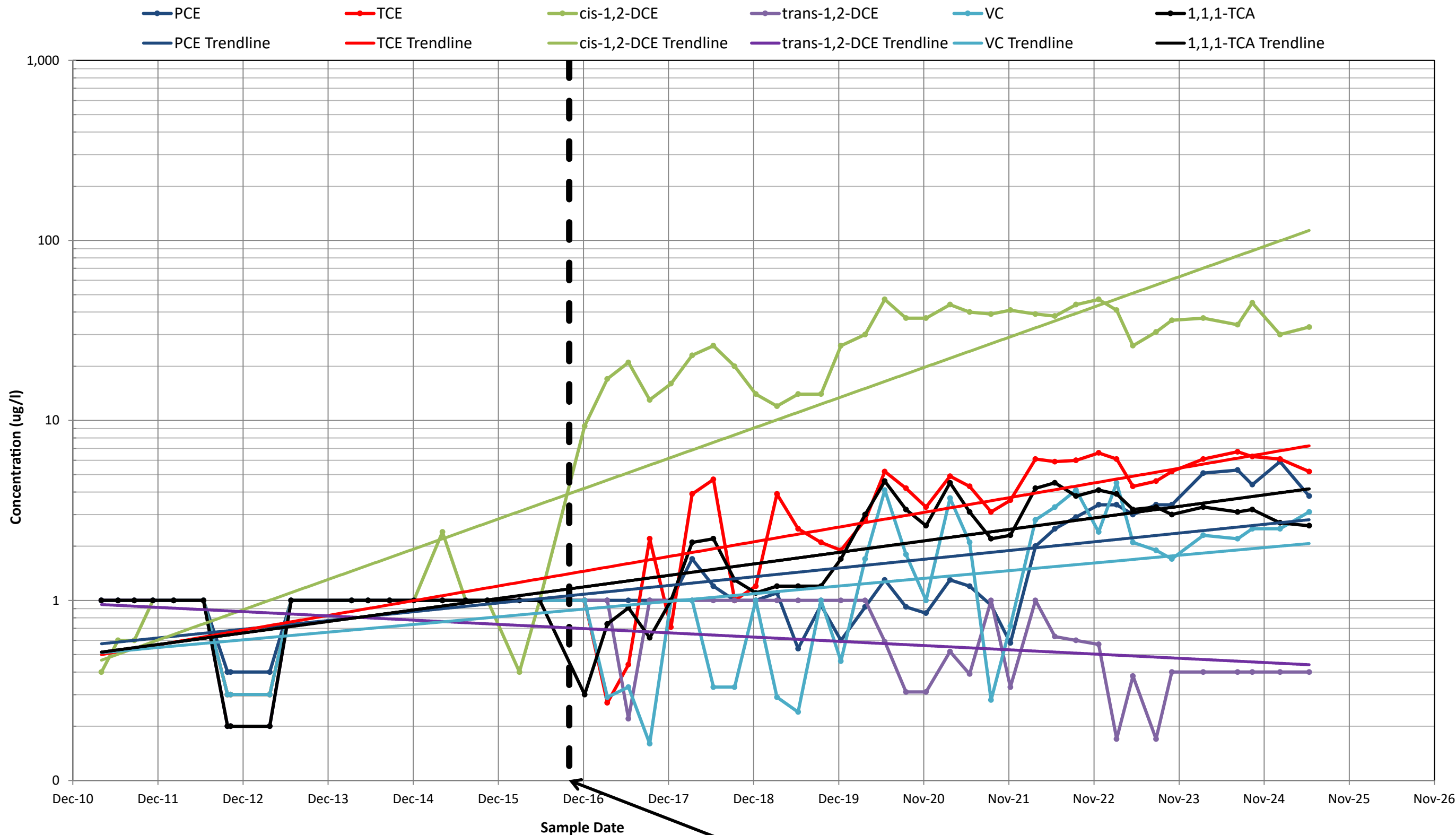
CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY



K:\NYS-DEC-1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_302025\Claremont_Polychemical_302025.aprx\Fig26-Chlorinated_VOC_MW-11B

PROJECT: 1940101703 | DATED: 9/24/2025 | DESIGNER: SSOULE



NYSDEC 703 Class GA: PCE, TCE, trans-1,2-DCE, cis-1,2-DCE, 1,1,1-DCE = 5 ug/l; VC = 2 ug/l;
Detection limits used to display non-detect results. How some reporting limits were generated is unknown.

*On-site groundwater extraction and treatment transitioned from the OU4 treatment facility to the OU5 treatment facility as of October 1, 2016.

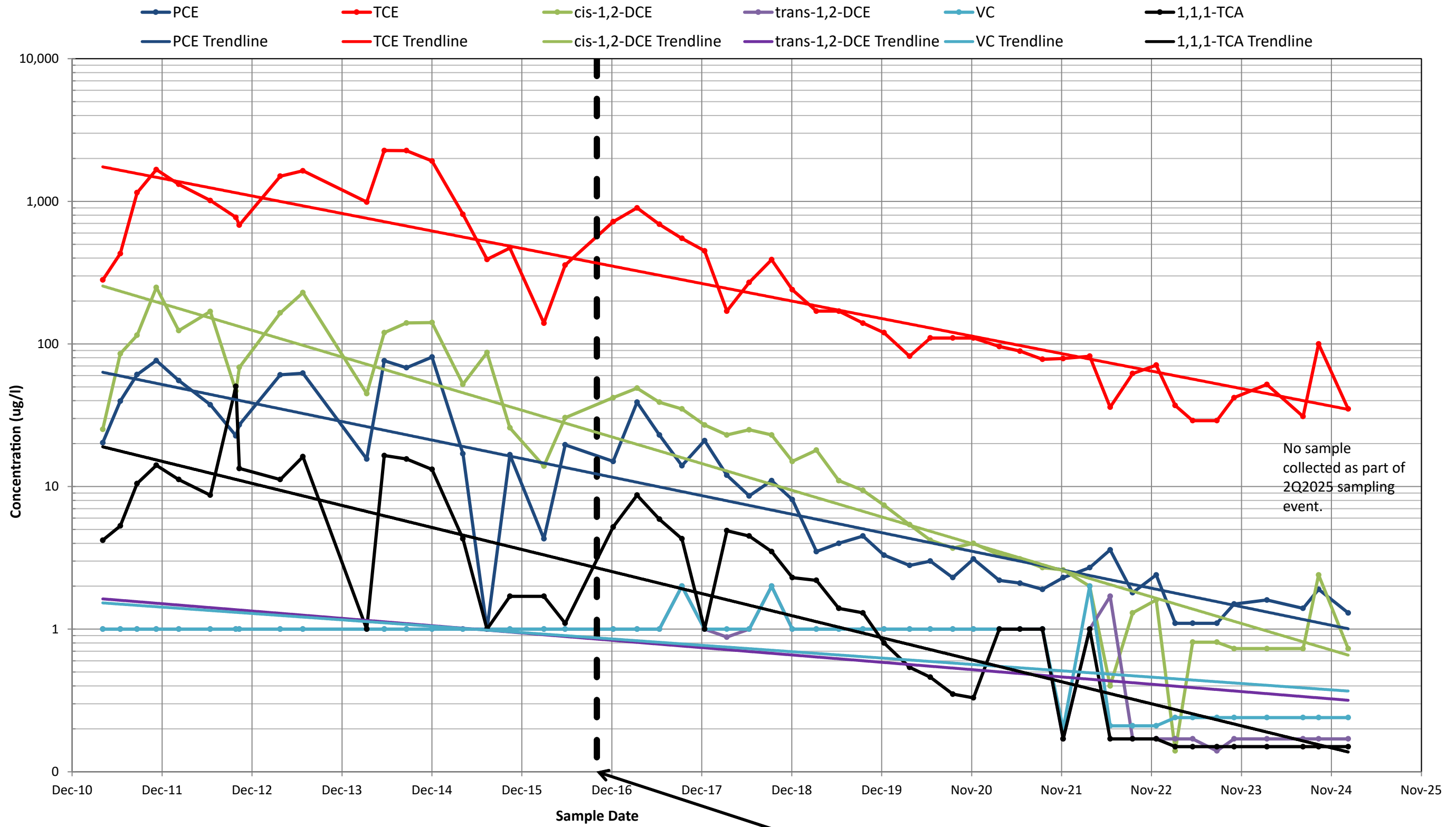
CHLORINATED VOC CONCENTRATIONS MW-11B

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

FIGURE 26

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY





NYSDEC 703 Class GA: PCE, TCE, trans-1,2-DCE, cis-1,2-DCE, 1,1,1-DCE = 5 ug/l; VC = 2 ug/l;
 Detection limits used to display non-detect results. How some reporting limits were generated is unknown.

*On-site groundwater extraction and treatment transitioned from the OU4 treatment facility to the OU5 treatment facility as of October 1, 2016.

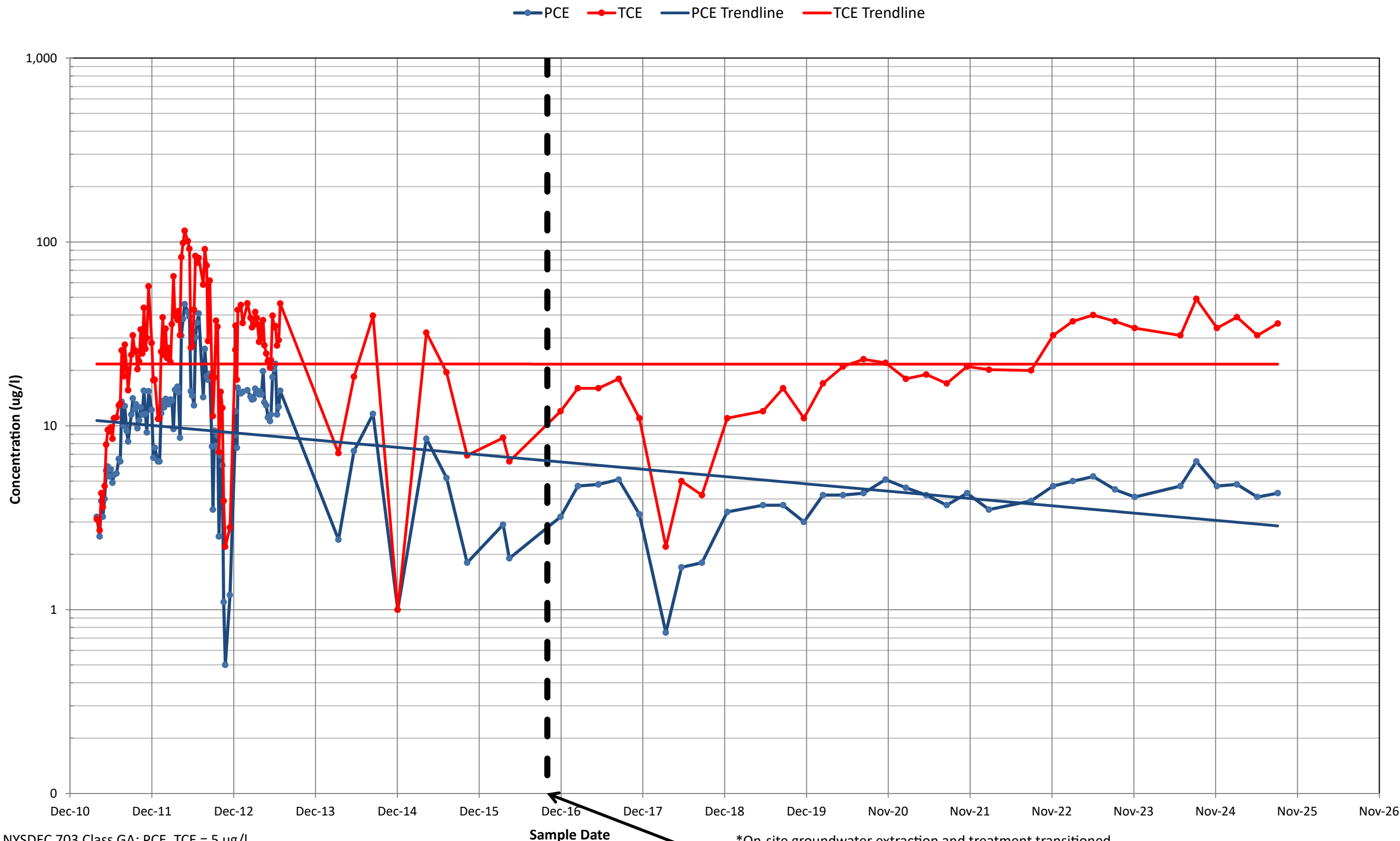
CHLORINATED VOC CONCENTRATIONS
MW-7B-R

FIGURE 27

CLAREMONT POLYCHEMICAL CORPORATION
 505 WINDING ROAD
 OLD BETHPAGE, NEW YORK

RAMBOLL AMERICAS
 ENGINEERING SOLUTIONS, INC.
 A RAMBOLL COMPANY



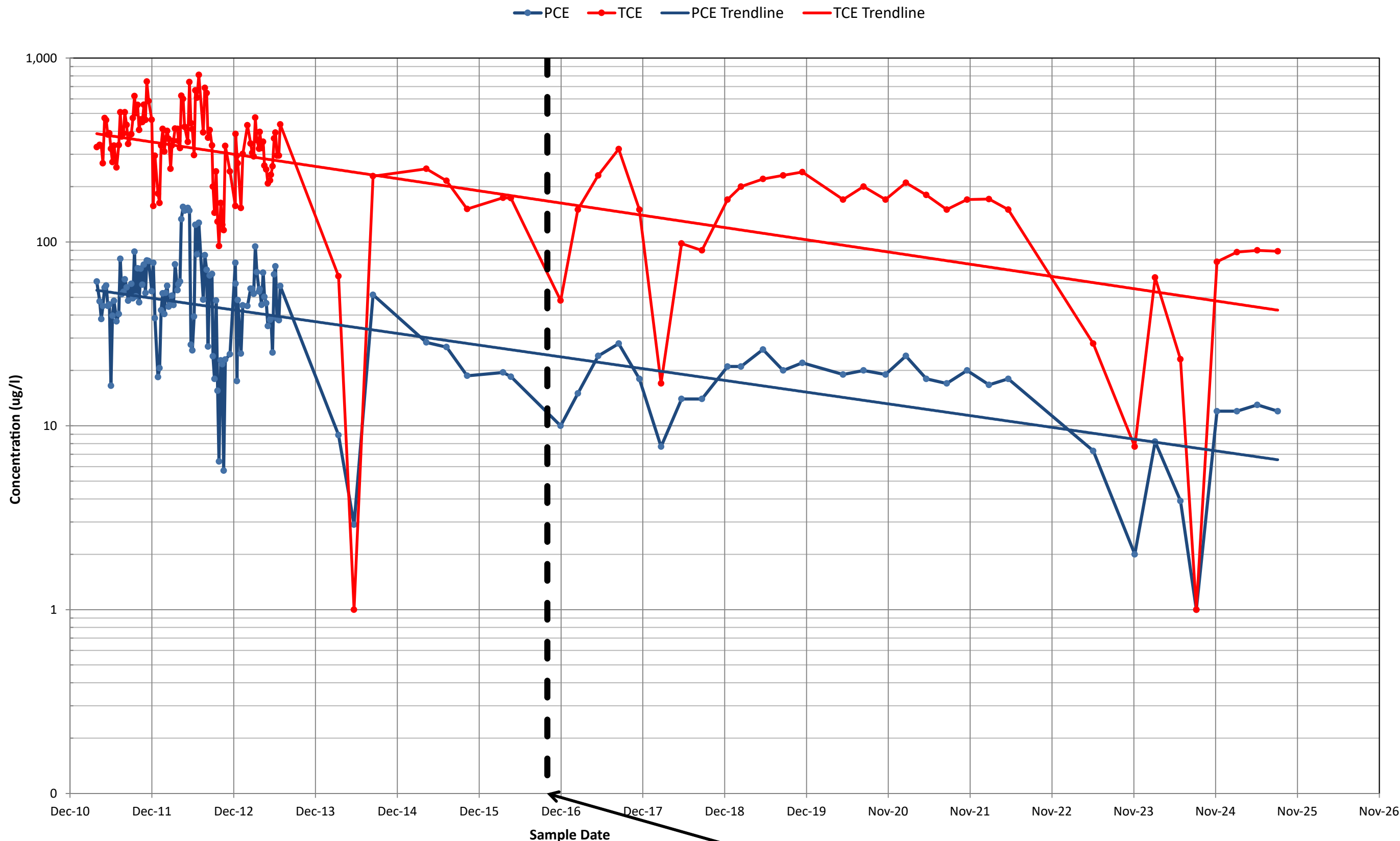


NYSDEC 703 Class GA: PCE, TCE = 5 ug/l
Detection limits used to display non-detect results. How some reporting limits were generated is unknown.
Samples are collected quarterly in the month prior to each quarterly groundwater sampling round.

*On-site groundwater extraction and treatment transitioned from the OU4 treatment facility to the OU5 treatment facility as of October 1, 2016.

CHLORINATED VOC CONCENTRATIONS RW-3

FIGURE 28

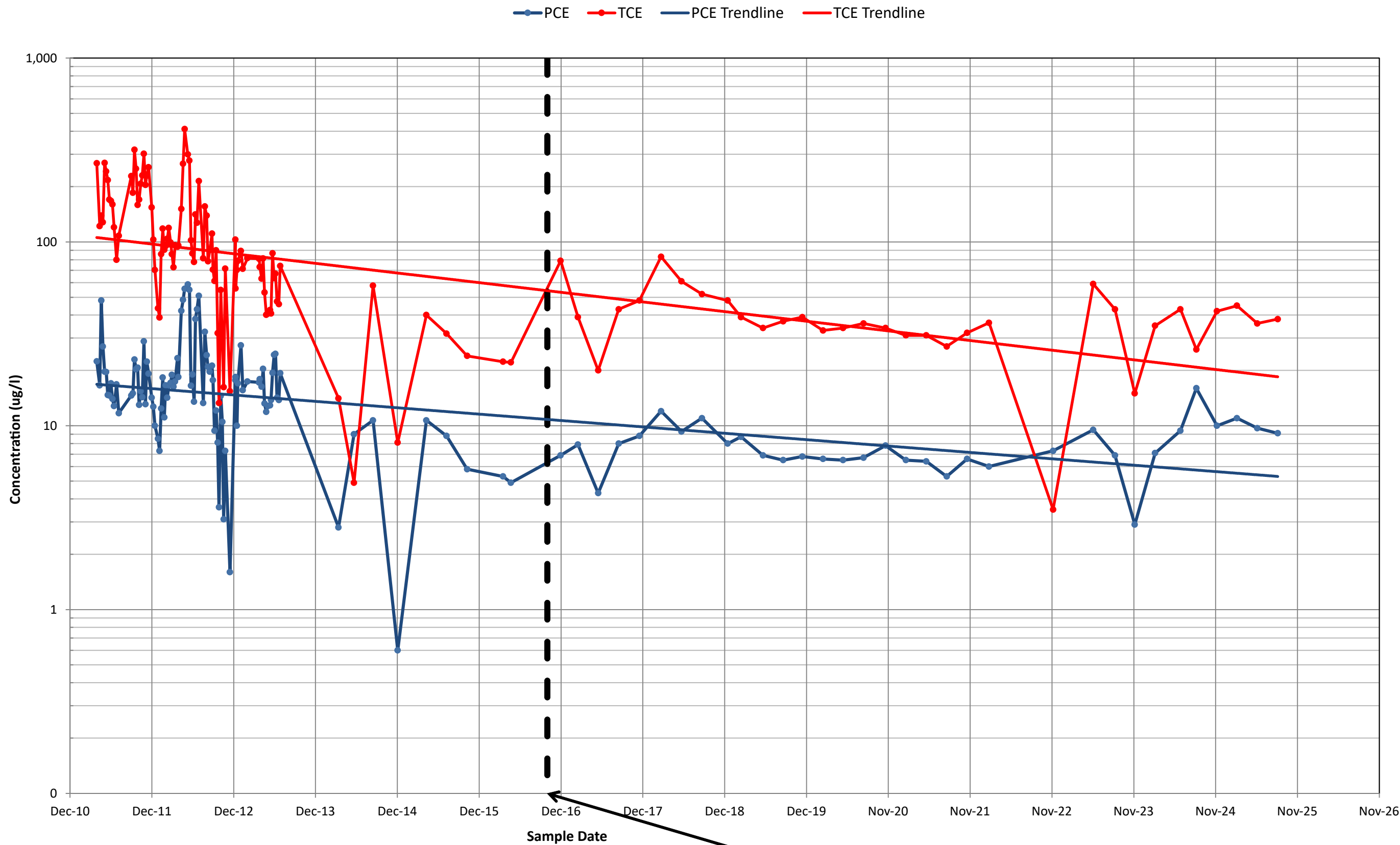


NYSDEC 703 Class GA: PCE, TCE = 5 ug/l
Detection limits used to display non-detect results. How some reporting limits were generated is unknown.
Samples are collected quarterly in the month prior to each quarterly groundwater sampling round.

*On-site groundwater extraction and treatment transitioned from the OU4 treatment facility to the OU5 treatment facility as of October 1, 2016.

CHLORINATED VOC CONCENTRATIONS RW-4

FIGURE 29

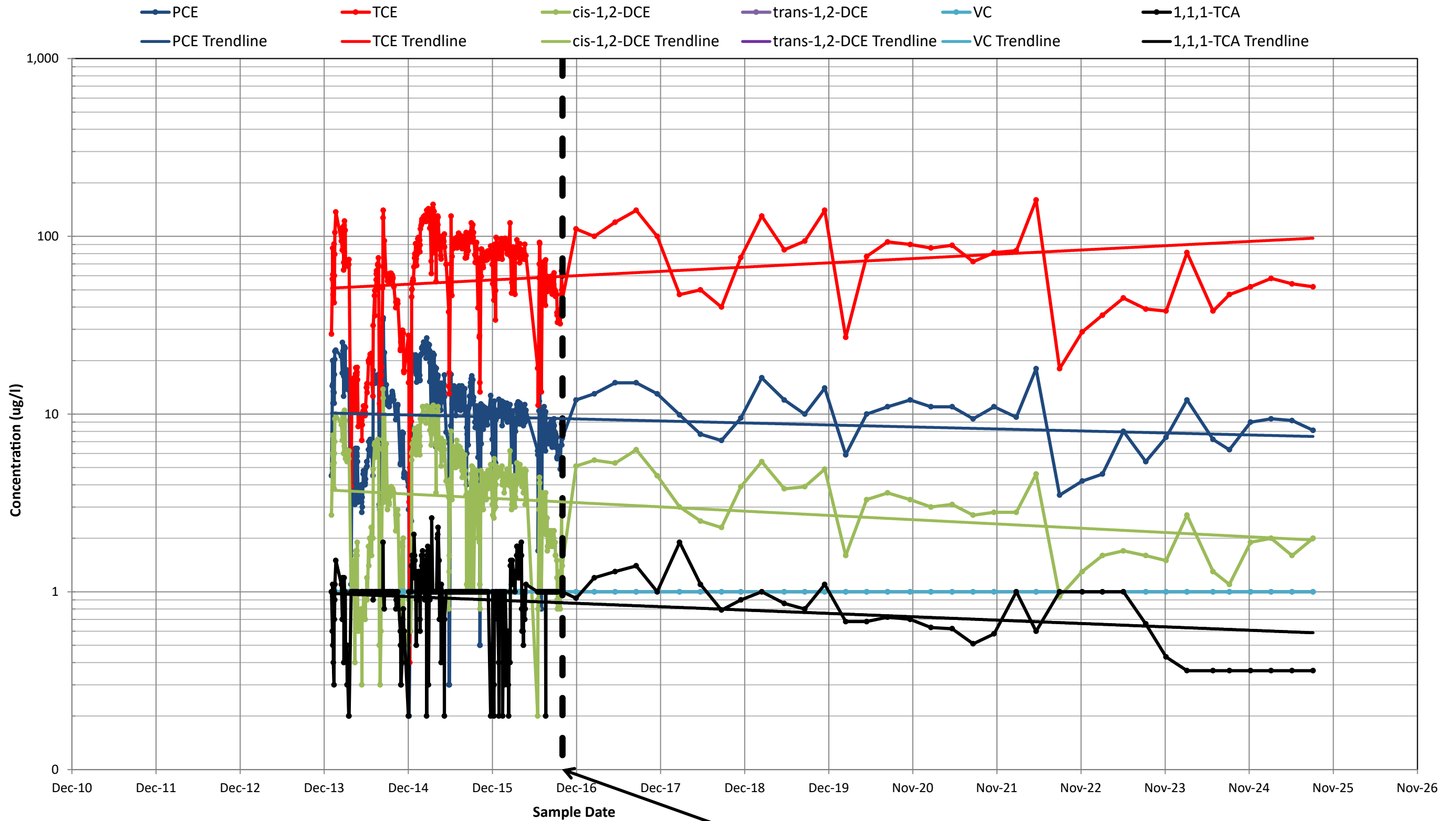


NYSDEC 703 Class GA: PCE, TCE = 5 ug/l
Detection limits used to display non-detect results. How some reporting limits were generated is unknown.
Samples are collected quarterly in the month prior to each quarterly groundwater sampling round.

*On-site groundwater extraction and treatment transitioned from the OU4 treatment facility to the OU5 treatment facility as of October 1, 2016.

CHLORINATED VOC CONCENTRATIONS
RW-5

FIGURE 30



NYSDEC 703 Class GA: PCE, TCE, trans-1,2-DCE, cis-1,2-DCE, 1,1,1-DCE = 5 ug/l; VC = 2 ug/l;
 Detection limits used to display non-detect results. How some reporting limits were generated is unknown.
 Samples are collected quarterly in the month prior to each quarterly groundwater sampling round.

*On-site groundwater extraction and treatment transitioned from the OU4 treatment facility to the OU5 treatment facility as of October 1, 2016.

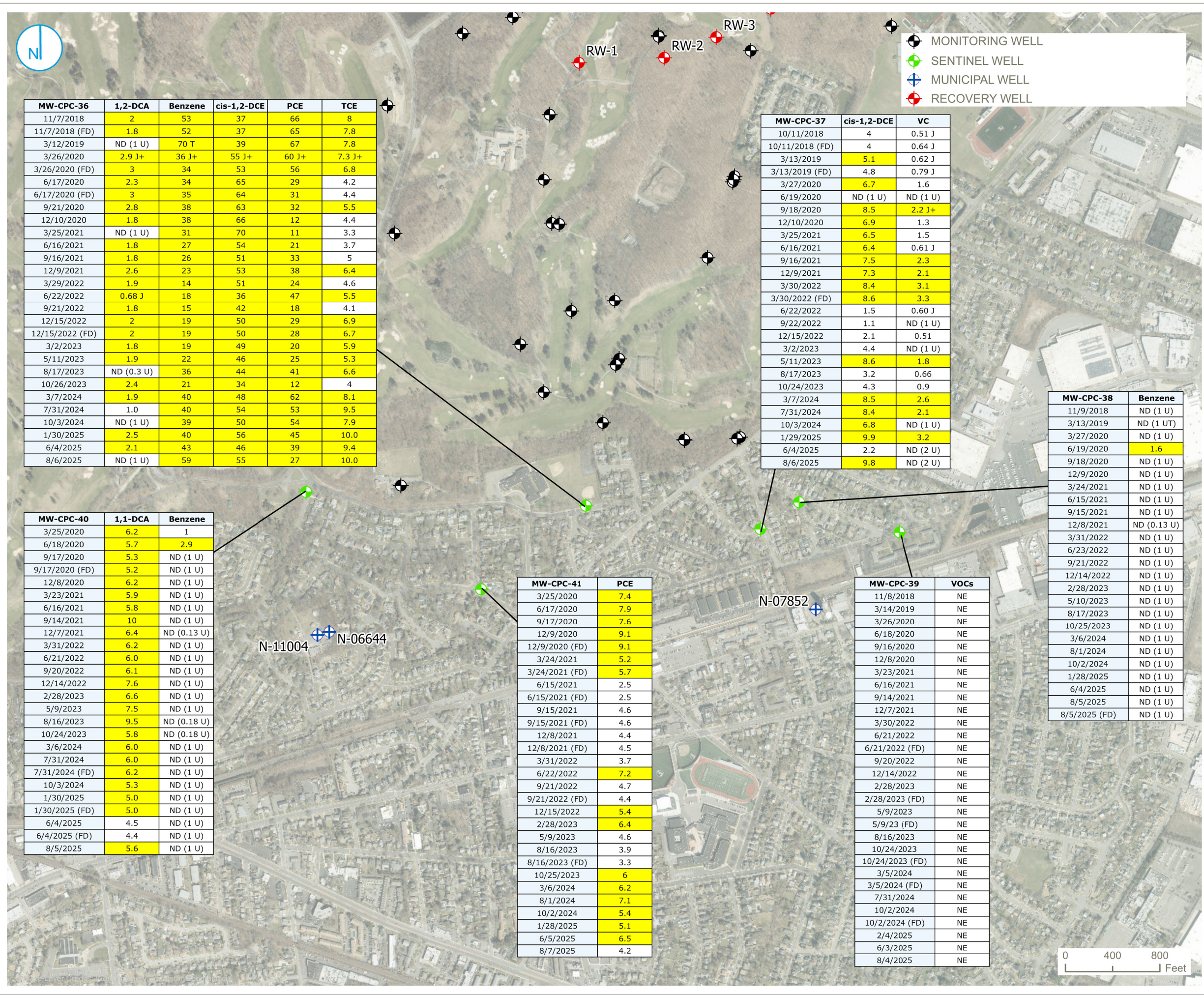
**CHLORINATED VOC CONCENTRATIONS
WELL OU5 INFLUENT**

FIGURE 31

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK





MW-CPC-36	1,2-DCA	Benzene	cis-1,2-DCE	PCE	TCE
11/7/2018	2	53	37	66	8
11/7/2018 (FD)	1.8	52	37	65	7.8
3/12/2019	ND (1 U)	70 T	39	67	7.8
3/26/2020	2.9 J+	36 J+	55 J+	60 J+	7.3 J+
3/26/2020 (FD)	3	34	53	56	6.8
6/17/2020	2.3	34	65	29	4.2
6/17/2020 (FD)	3	35	64	31	4.4
9/21/2020	2.8	38	63	32	5.5
12/10/2020	1.8	38	66	12	4.4
3/25/2021	ND (1 U)	31	70	11	3.3
6/16/2021	1.8	27	54	21	3.7
9/16/2021	1.8	26	51	33	5
12/9/2021	2.6	23	53	38	6.4
3/29/2022	1.9	14	51	24	4.6
6/22/2022	0.68 J	18	36	47	5.5
9/21/2022	1.8	15	42	18	4.1
12/15/2022	2	19	50	29	6.9
12/15/2022 (FD)	2	19	50	28	6.7
3/2/2023	1.8	19	49	20	5.9
5/11/2023	1.9	22	46	25	5.3
8/17/2023	ND (0.3 U)	36	44	41	6.6
10/26/2023	2.4	21	34	12	4
3/7/2024	1.9	40	48	62	8.1
7/31/2024	1.0	40	54	53	9.5
10/3/2024	ND (1 U)	39	50	54	7.9
1/30/2025	2.5	40	56	45	10.0
6/4/2025	2.1	43	46	39	9.4
8/6/2025	ND (1 U)	59	55	27	10.0

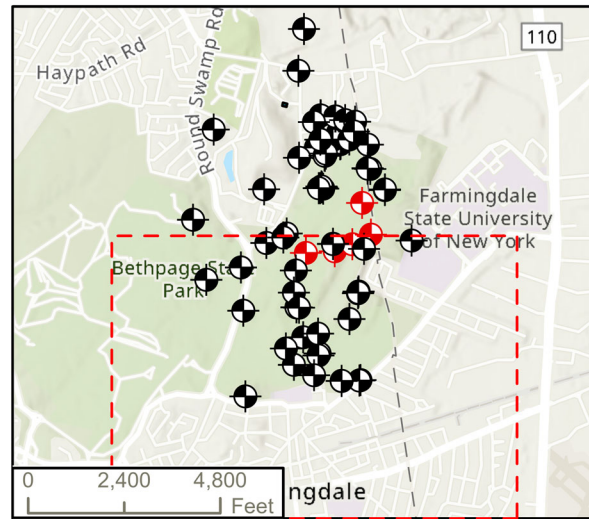
MW-CPC-40	1,1-DCA	Benzene
3/25/2020	6.2	1
6/18/2020	5.7	2.9
9/17/2020	5.3	ND (1 U)
9/17/2020 (FD)	5.2	ND (1 U)
12/8/2020	6.2	ND (1 U)
3/23/2021	5.9	ND (1 U)
6/16/2021	5.8	ND (1 U)
9/14/2021	10	ND (1 U)
12/7/2021	6.4	ND (0.13 U)
3/31/2022	6.2	ND (1 U)
6/21/2022	6.0	ND (1 U)
9/20/2022	6.1	ND (1 U)
12/14/2022	7.6	ND (1 U)
2/28/2023	6.6	ND (1 U)
5/9/2023	7.5	ND (1 U)
8/16/2023	9.5	ND (0.18 U)
10/24/2023	5.8	ND (0.18 U)
3/6/2024	6.0	ND (1 U)
7/31/2024	6.0	ND (1 U)
7/31/2024 (FD)	6.2	ND (1 U)
10/3/2024	5.3	ND (1 U)
1/30/2025	5.0	ND (1 U)
1/30/2025 (FD)	5.0	ND (1 U)
6/4/2025	4.5	ND (1 U)
6/4/2025 (FD)	4.4	ND (1 U)
8/5/2025	5.6	ND (1 U)

MW-CPC-41	PCE
3/25/2020	7.4
6/17/2020	7.9
9/17/2020	7.6
12/9/2020	9.1
12/9/2020 (FD)	9.1
3/24/2021	5.2
3/24/2021 (FD)	5.7
6/15/2021	2.5
6/15/2021 (FD)	2.5
9/15/2021	4.6
9/15/2021 (FD)	4.6
12/8/2021	4.4
12/8/2021 (FD)	4.5
3/31/2022	3.7
6/22/2022	7.2
9/21/2022	4.7
9/21/2022 (FD)	4.4
12/15/2022	5.4
2/28/2023	6.4
5/9/2023	4.6
8/16/2023	3.9
8/16/2023 (FD)	3.3
10/25/2023	6
3/6/2024	6.2
8/1/2024	7.1
10/2/2024	5.4
1/28/2025	5.1
6/5/2025	6.5
8/7/2025	4.2

MW-CPC-37	cis-1,2-DCE	VC
10/11/2018	4	0.51 J
10/11/2018 (FD)	4	0.64 J
3/13/2019	5.1	0.62 J
3/13/2019 (FD)	4.8	0.79 J
3/27/2020	6.7	1.6
6/19/2020	ND (1 U)	ND (1 U)
9/18/2020	8.5	2.2 J+
12/10/2020	6.9	1.3
3/25/2021	6.5	1.5
6/16/2021	6.4	0.61 J
9/16/2021	7.5	2.3
12/9/2021	7.3	2.1
3/30/2022	8.4	3.1
3/30/2022 (FD)	8.6	3.3
6/22/2022	1.5	0.60 J
9/22/2022	1.1	ND (1 U)
12/15/2022	2.1	0.51
3/2/2023	4.4	ND (1 U)
5/11/2023	8.6	1.8
8/17/2023	3.2	0.66
10/24/2023	4.3	0.9
3/7/2024	8.5	2.6
7/31/2024	8.4	2.1
10/3/2024	6.8	ND (1 U)
1/29/2025	9.9	3.2
6/4/2025	2.2	ND (2 U)
8/6/2025	9.8	ND (2 U)

MW-CPC-38	Benzene
11/9/2018	ND (1 U)
3/13/2019	ND (1 UT)
3/27/2020	ND (1 U)
6/19/2020	1.6
9/18/2020	ND (1 U)
12/9/2020	ND (1 U)
3/24/2021	ND (1 U)
6/15/2021	ND (1 U)
9/15/2021	ND (1 U)
12/8/2021	ND (0.13 U)
3/31/2022	ND (1 U)
6/23/2022	ND (1 U)
9/21/2022	ND (1 U)
12/14/2022	ND (1 U)
2/28/2023	ND (1 U)
5/10/2023	ND (1 U)
8/17/2023	ND (1 U)
10/25/2023	ND (1 U)
3/6/2024	ND (1 U)
8/1/2024	ND (1 U)
10/2/2024	ND (1 U)
1/28/2025	ND (1 U)
6/4/2025	ND (1 U)
8/5/2025	ND (1 U)
8/5/2025 (FD)	ND (1 U)

MW-CPC-39	VOCs
11/8/2018	NE
3/14/2019	NE
3/26/2020	NE
6/18/2020	NE
9/16/2020	NE
12/8/2020	NE
3/23/2021	NE
6/16/2021	NE
9/14/2021	NE
12/7/2021	NE
3/30/2022	NE
6/21/2022	NE
6/21/2022 (FD)	NE
9/20/2022	NE
12/14/2022	NE
2/28/2023	NE
2/28/2023 (FD)	NE
5/9/2023	NE
5/9/23 (FD)	NE
8/16/2023	NE
10/24/2023	NE
10/24/2023 (FD)	NE
3/5/2024	NE
3/5/2024 (FD)	NE
7/31/2024	NE
10/2/2024	NE
10/2/2024 (FD)	NE
2/4/2025	NE
6/3/2025	NE
8/4/2025	NE



Monitoring Well Results Notes:

- Groundwater Quality Standards and Guidance Values: NYSDEC TOGS 1.1.1 (includes 6 NYCRR Part 703) Class GA, June 1998 and subsequent addenda.
- Only compounds with exceedances are shown. If the compound is not shown it was not detected above the criteria.
- Criteria for compounds shown on this figure are presented in the table below.
- Exceedance of relevant criteria indicated by yellow highlighting in the data box on the map.
- NE indicates no exceedances. ND indicates non-detect at the detection limit shown.
- Quarter 3 2021 data has not been validated.
- All results presented in ug/L.
- J - Result is estimated. +/- indicates direction of bias.
T - A lab quality control sample was out of range.
U - Result is non-detect.

Standards / Criteria:	ug/L
1,1-Dichloroethane (1,1-DCA)	5
1,2-Dichloroethane (1,2-DCA)	0.6
Benzene	1
cis-1,2-Dichloroethylene (cis-1,2-DCE)	5
Tetrachloroethylene (PCE)	5
Trichloroethylene (TCE)	5
Vinyl Chloride (VC)	2

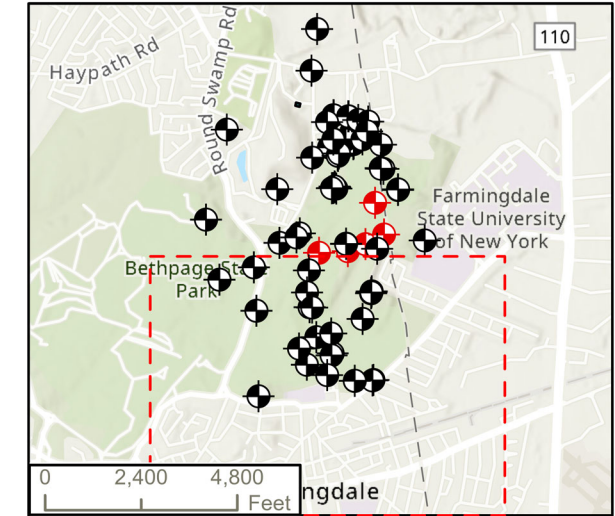
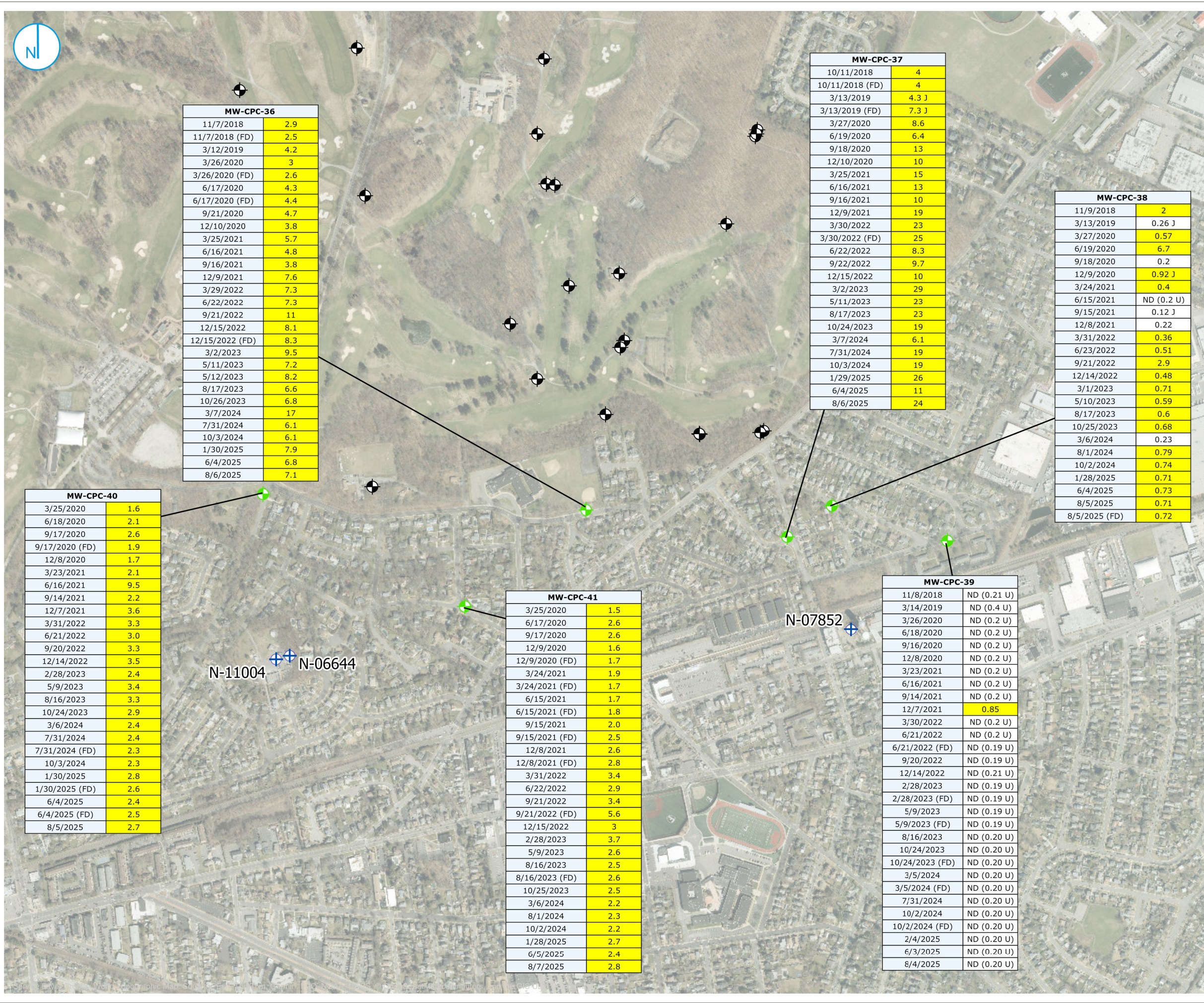
VOC EXCEEDANCES IN SENTINEL WELLS

CLAREMONT POLYCHEMICAL CORPORATION
 505 WINDING ROAD
 OLD BETHPAGE, NEW YORK

FIGURE 32

RAMBOLL AMERICAS
 ENGINEERING SOLUTIONS, INC.
 A RAMBOLL COMPANY





- MONITORING WELL
- SENTINEL WELL
- RECOVERY WELL
- MUNICIPAL WELL

Monitoring Well Results Notes:

- 1,4-Dioxane was compared to the NYSDEC "Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. Division of Water Technical and Operational Guidance Series (1.1.1)." Last updated February 2023. Criteria shown on table below.
- Exceedance of relevant criteria indicated by yellow highlighting in the data box on the map.
- ND indicates non-detected at the detection limit shown.
- Quarter 3 2021 data has not been validated.
- All results presented in ug/L.
- J - Result is estimated. +/- indicates direction of bias.
- U - Result is non-detect.

Standards / Criteria:	ug/L
1,4-Dioxane	0.35

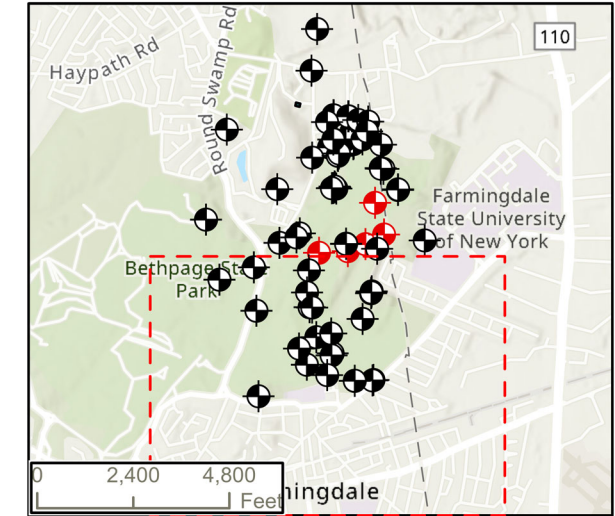
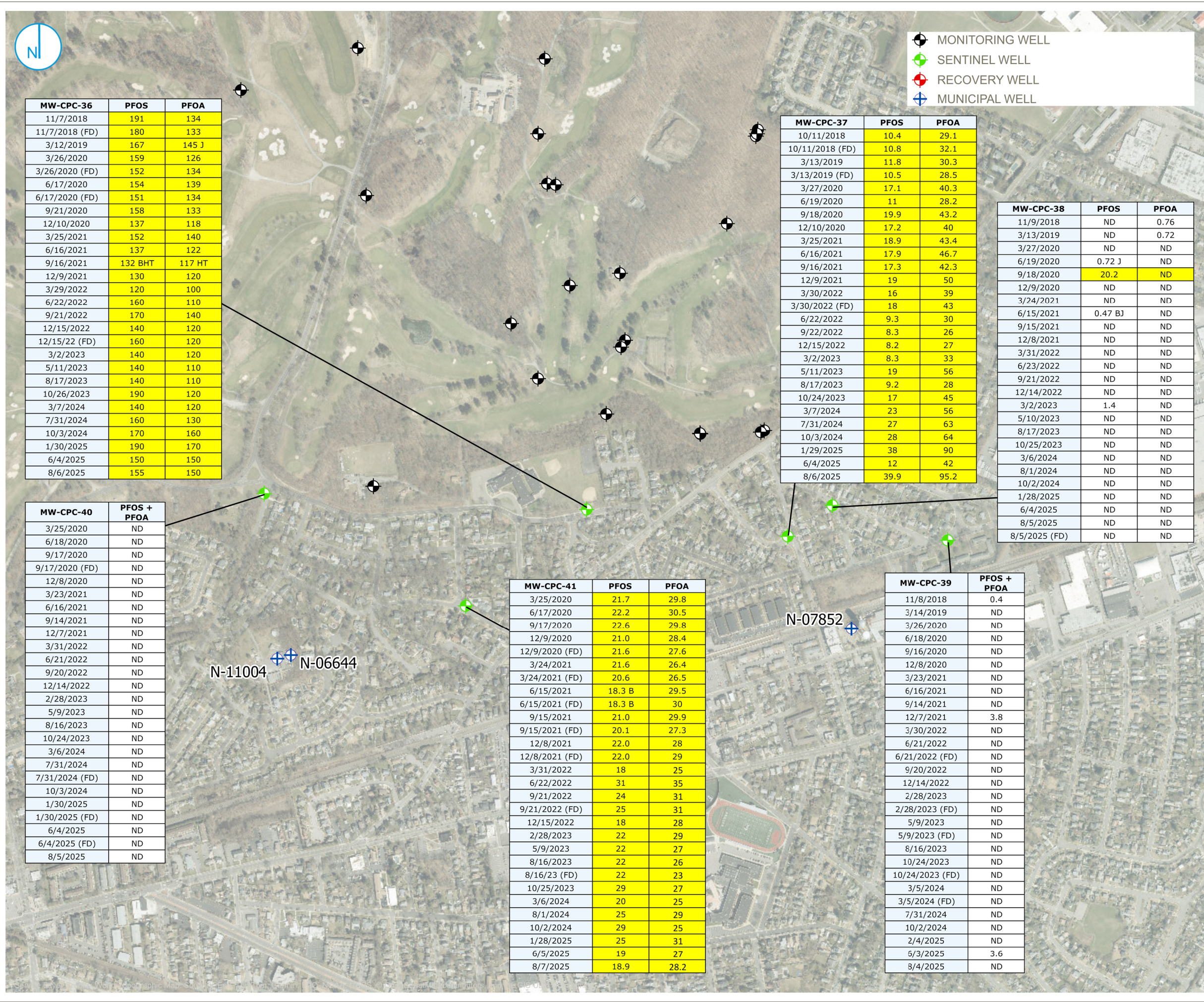
1,4-DIOXANE EXCEEDANCES IN SENTINEL WELLS

CLAREMONT POLYCHEMICAL CORPORATION
 505 WINDING ROAD
 OLD BETHPAGE, NEW YORK

FIGURE 33

RAMBOLL AMERICAS
 ENGINEERING SOLUTIONS, INC.
 A RAMBOLL COMPANY





Monitoring Well Results Notes:

- PFOS and PFOA were compared to the NYSDEC "Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. Division of Water Technical and Operational Guidance Series (1.1.1)." Last updated February 2023.
- Only compounds with exceedances are shown. If the compound is not shown it was not detected above the criteria.
- Criteria for compounds shown on this figure are presented in the table below.
- Exceedance of relevant criteria indicated by yellow highlighting in the data box on the map.
- ND indicates constituents of total are nondetect.
- Quarter 3 2021 data has not been validated.
- All results presented in ng/L.
- B - Detected in associated blank.
H - Analyzed outside of hold time.
J - Result is estimated.
T - A lab quality control sample is out of range.

Standards / Criteria:

	ng/L
Perfluorooctanesulfonic acid (PFOS)	2.7
Perfluorooctanoic acid (PFOA)	6.7

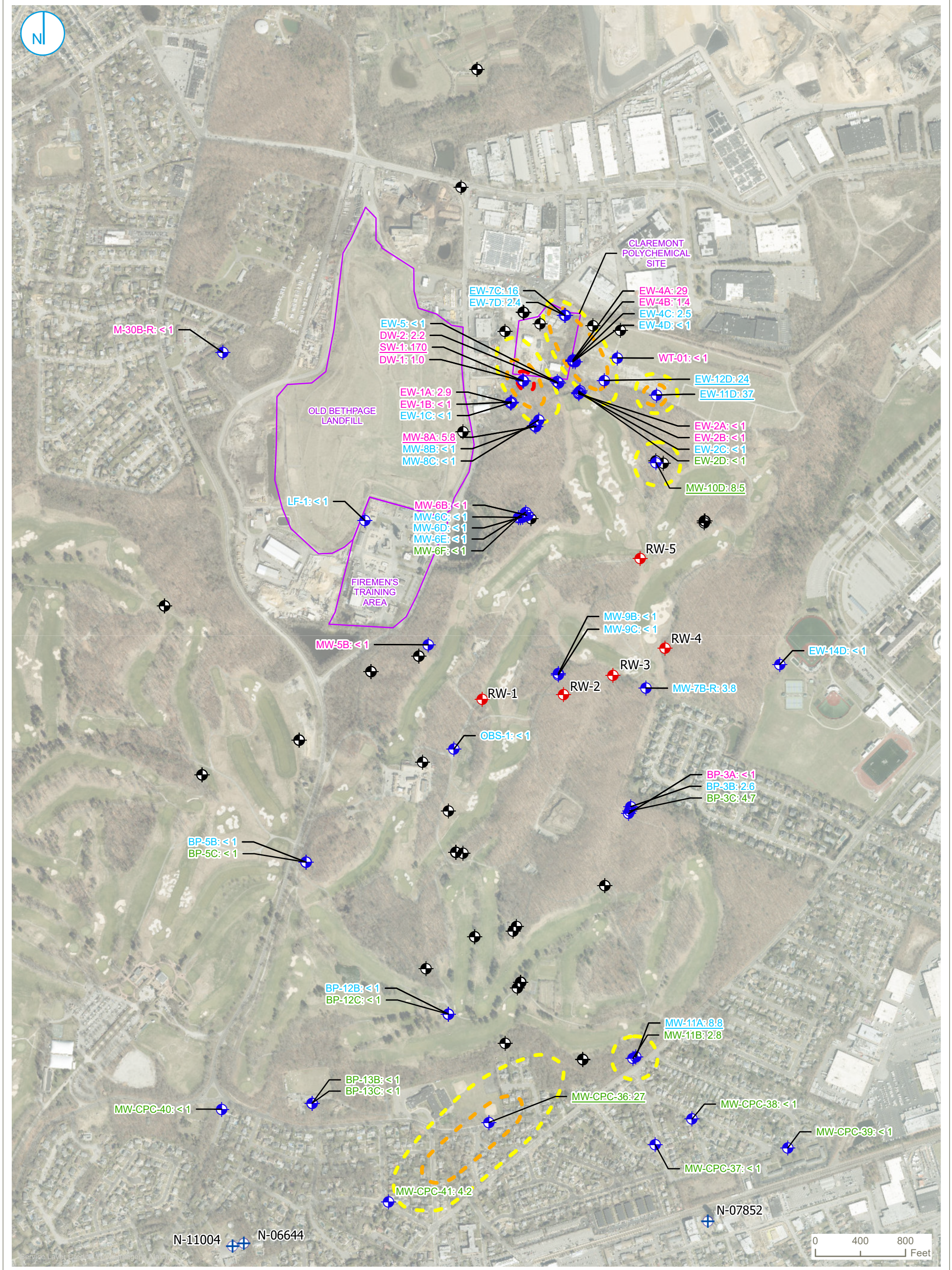
0 350 700 Feet

PFAS EXCEEDANCES IN SENTINEL WELLS

CLAREMONT POLYCHEMICAL CORPORATION
 505 WINDING ROAD
 OLD BETHPAGE, NEW YORK

FIGURE 34





- SAMPLED MONITORING WELL
- UNSAMPLED MONITORING WELL
- RECOVERY WELL
- MUNICIPAL WELL
- PCE CONCENTRATION PLUME**
- 5 - 10 ug/L
- 10 - 100 ug/L
- > 100 ug/L

- Notes:**
- All results given in ug/L.
 - J - Concentration estimated.
 - U - Parameter not detected above reporting limit (shown).
 - Underline indicates exceedance of groundwater standard (5 ug/L).
 - Maximum concentration of parent-duplicate pair shown.
- AQUIFER POSITION**
- UPPER MAGOTHY
 - MIDDLE MAGOTHY
 - LOWER MAGOTHY

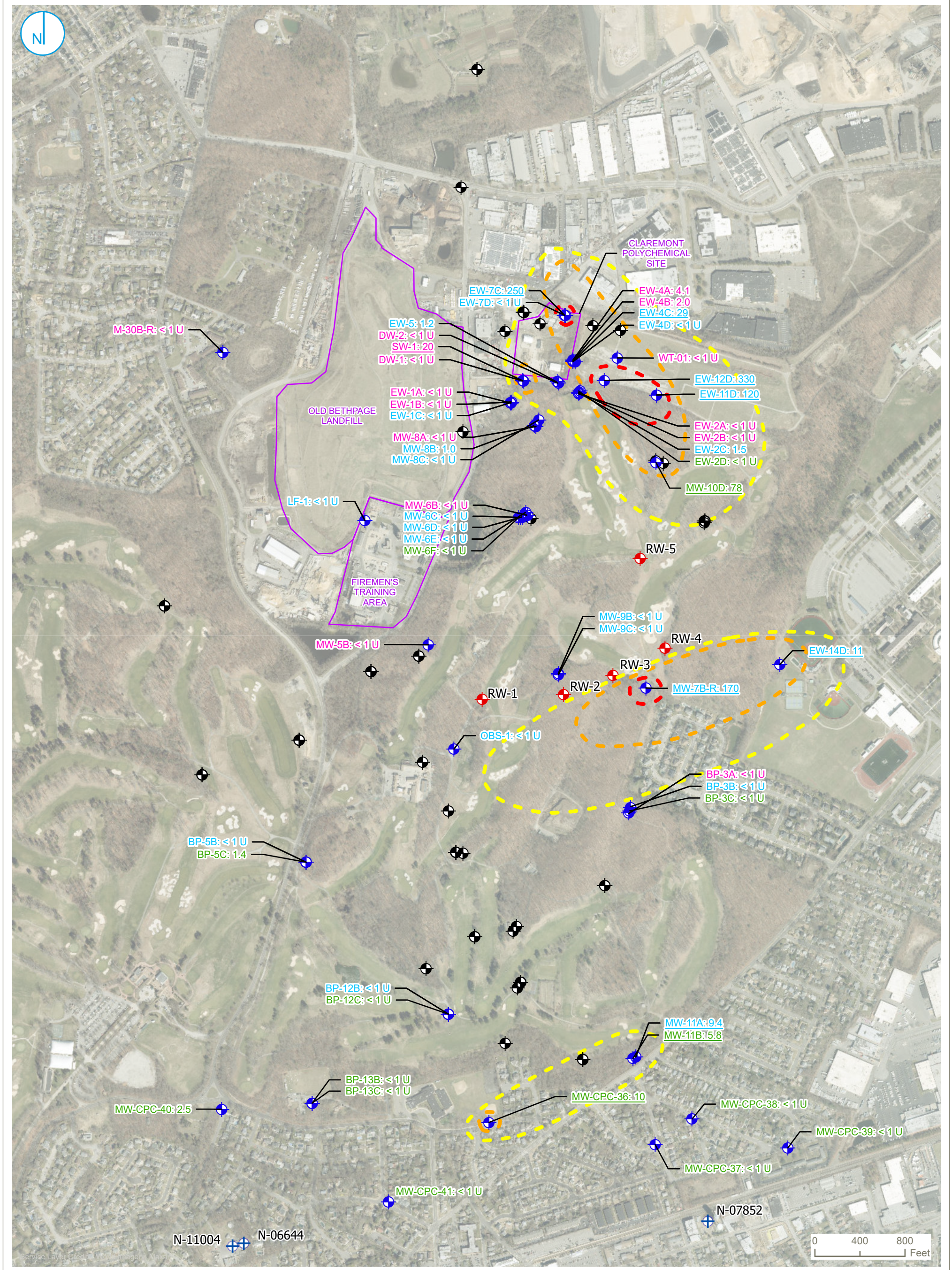
**AUGUST 2025
TETRACHLOROETHENE
(PCE) PLUME**

FIGURE 35

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY





- ◆ SAMPLED MONITORING WELL
 - ◆ UNSAMPLED MONITORING WELL
 - ◆ RECOVERY WELL
 - + MUNICIPAL WELL
- TCE CONCENTRATION PLUME
- 5 - 10 ug/L
 - 10 - 100 ug/L
 - > 100 ug/L

Notes:
 All results given in ug/L.
 J - Concentration estimated.
 U - Parameter not detected above reporting limit (shown).
 - Underline indicates exceedance of groundwater standard (5 ug/L).
 - Maximum concentration of parent-duplicate pair shown.

AQUIFER POSITION

- UPPER MAGOTHY
- MIDDLE MAGOTHY
- LOWER MAGOTHY

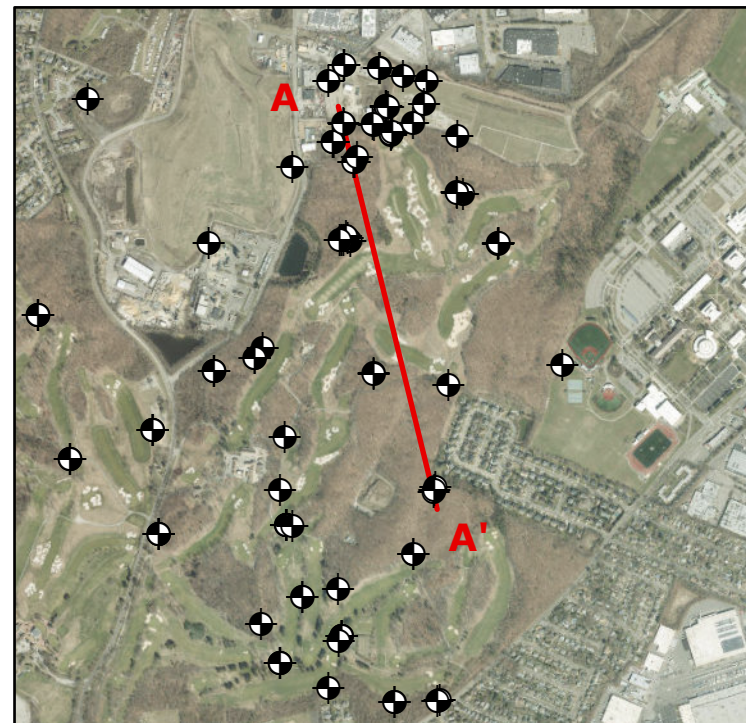
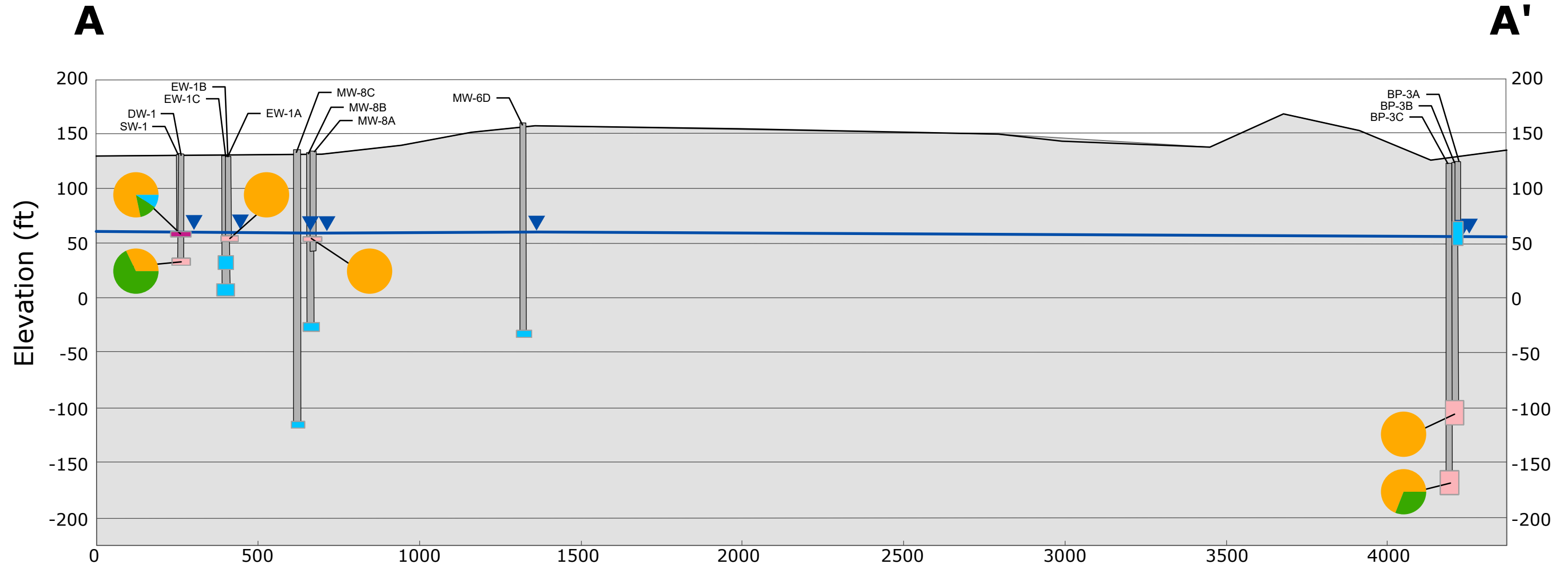
**AUGUST 2025
 TRICHLOROETHENE
 (TCE) PLUME**

FIGURE 36

CLAREMONT POLYCHEMICAL CORPORATION
 505 WINDING ROAD
 OLD BETHPAGE, NEW YORK

RAMBOLL AMERICAS
 ENGINEERING SOLUTIONS, INC.
 A RAMBOLL COMPANY





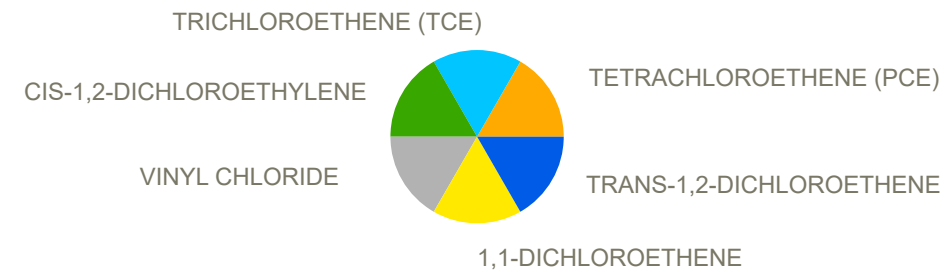
- Casing
- Screen Interval
- Groundwater Elevation (ft amsl)

Sum of CVOCs (ug/L)

- 0 - 10
- 10 - 100
- 100 - 500
- 500 - 1000

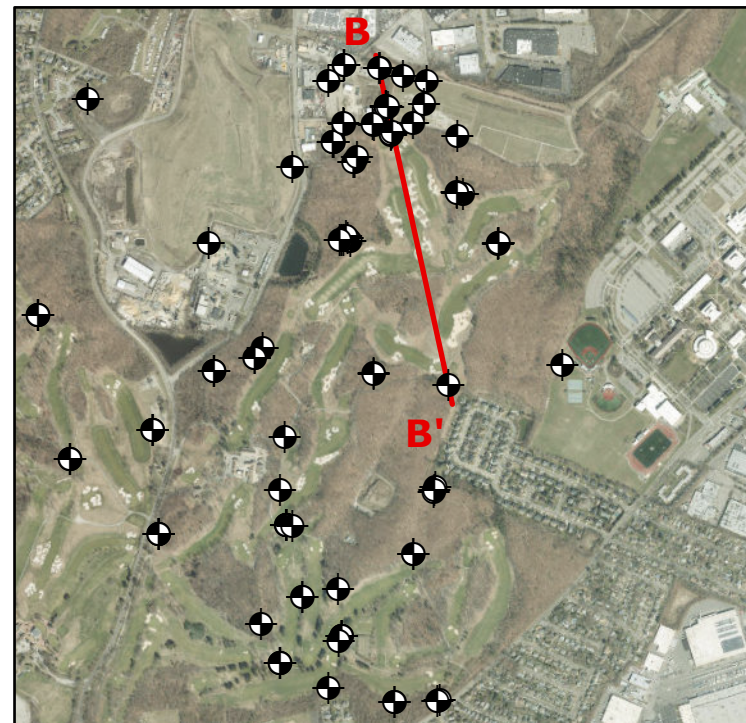
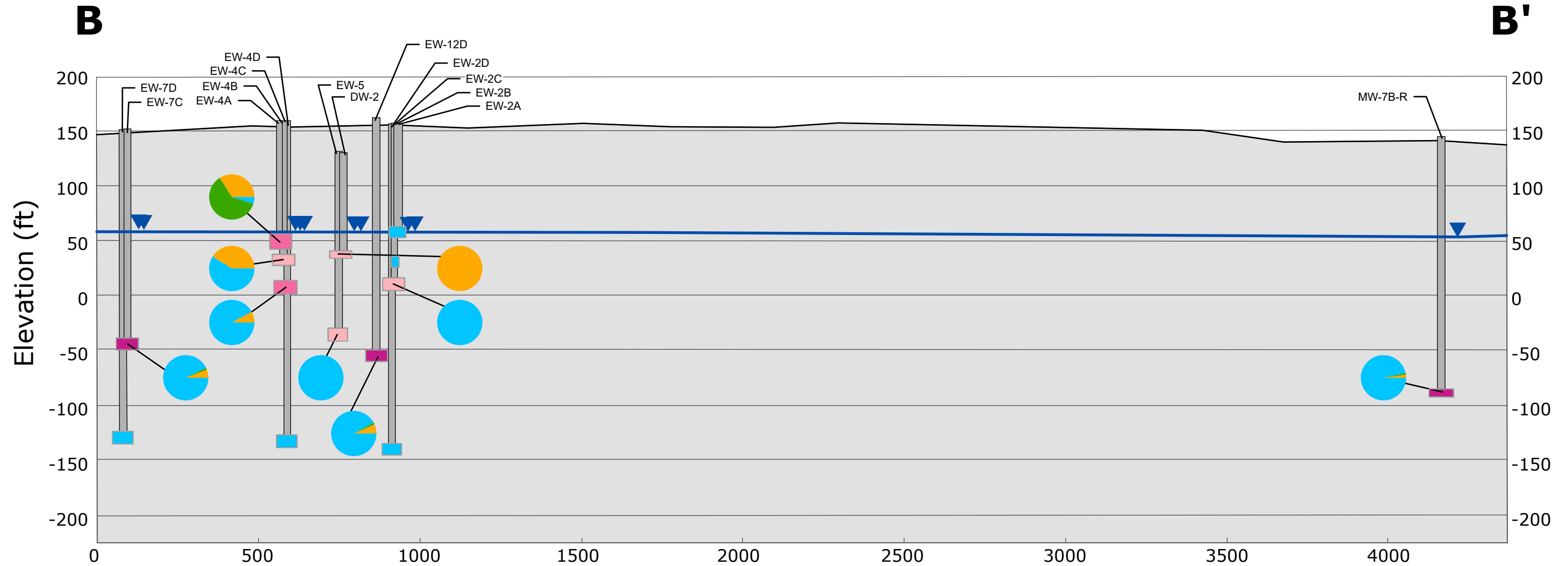
Notes

- Samples collected during Q3 2025.
- Capture distance to transect line is 250 ft.
- Pie charts shown are for samples with results from the selected constituents that were above the detection limit.
- Wells without a pie chart did not have reported results above the detection limit for the selected constituents.



CROSS SECTION TRANSECT A

FIGURE 37



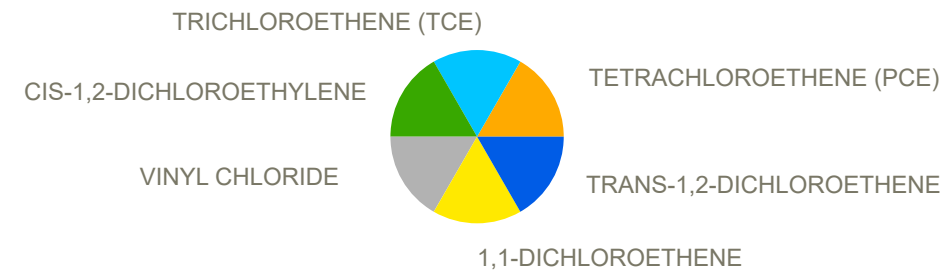
- Casing
- Screen Interval
- Groundwater Elevation (ft amsl)

Sum of CVOCs (ug/L)

- 0 - 10
- 10 - 100
- 100 - 500
- 500 - 1000

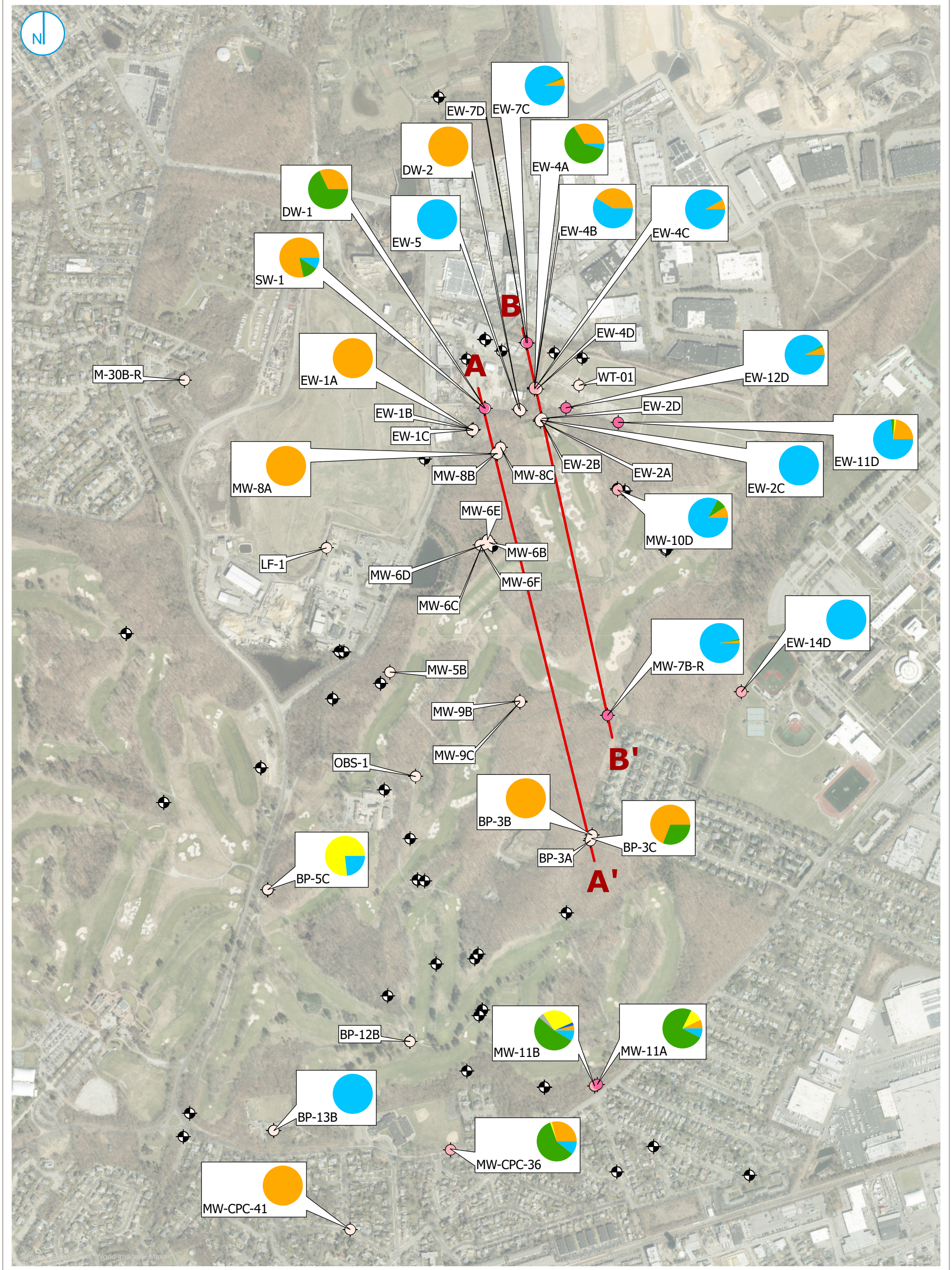
Notes

- Samples collected during Q3 2025.
- Capture distance to transect line is 250 ft.
- Pie charts shown are for samples with results from the selected constituents that were above the detection limit.
- Wells without a pie chart did not have reported results above the detection limit for the selected constituents.

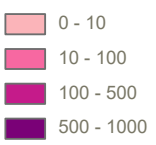


CROSS SECTION TRANSECT B

FIGURE 38



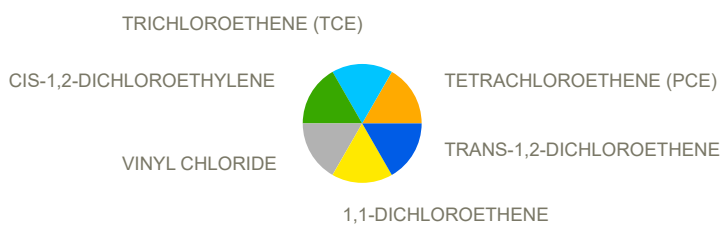
Sum of CVOCs (ug/L)



— Cross Section Transects

Notes

- Samples collected during Q3 2025.
- Pie charts shown are for samples with results from the selected constituents that were above the detection limit.
- Wells without a pie chart did not have reported results above the detection limit for the selected constituents.



DETECTED CHLORINATED BREAKDOWN PRODUCTS

CLAREMONT POLYCHEMICAL CORPORATION

505 WINDING ROAD
OLD BETHPAGE, NEW YORK



FIGURE 39

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY



ATTACHMENT A
SYNOPTIC WATER LEVEL DATA

**ATTACHMENT A
CLAREMONT POLYCHEMICAL CORPORATION SITE
WATER LEVEL MEASUREMENTS
AUGUST 5, 2025**

Recording Date:			8/5/2025	Recorded by:		RB, SB, EL, CI, GS
Well	2Q 2025 Depth to Water Reading (ft)	Time	Measuring Point Elevation (ft AMSL)	3Q 2025 Depth to Water Reading (ft)	Water Elevation (ft AMSL)	Comments
BP-1A	47.22	12:16	109.77	48.62	61.15	
BP-1B	47.02	12:14	109.53	48.46	61.07	
BP-1C	46.72	12:12	109.37	48.51	60.86	
BP-2A	86.89	10:49	151	88.41	62.59	
BP-2B*	87.06	10:47	151.13	88.59	62.54	
BP-3A	64.41	13:15	124.16	64.82	59.34	
BP-3B	66.24	13:17	123.19	67.10	56.09	
BP-3C	66.30	13:13	123.91	67.29	56.62	
BP-4A	33.51	10:35	92.69	34.65	58.04	
BP-4B*	32.84	10:34	91.92	34.00	57.92	
BP-4C*	33.44	10:30	91.68	34.65	57.03	
BP-4I	32.98	10:37	92.1	34.12	57.98	
BP-5A	36.70	10:17	96.34	37.89	58.45	
BP-5B	37.00	15:30	96.48	38.21	58.27	
BP-5C	37.06	15:51	96.28	38.29	57.99	
BP-6A	-	-	102.55	-	-	Lock Frozen
BP-6B	41.12	9:55	102.58	42.45	60.13	
BP-6C	40.79	9:50	102.35	42.21	60.14	
BP-7A	83.27	10:10	147.54	86.28	61.26	
BP-7B	84.66	10:07	148.76	84.89	63.87	
BP-7C	84.45	10:05	148.4	86.10	62.30	
BP-8A	-	-	89.88	-	-	Ryder Cup - No Access
BP-8B	-	-	89.82	-	-	Ryder Cup - No Access
BP-8C	-	-	89.53	-	-	Ryder Cup - No Access
BP-9B*	27.70	11:50	85.09	28.80	56.29	
BP-9C*	-	-	84.88	-	-	Pump in well
BP-9I	27.74	11:48	85.18	28.86	56.32	
BP-10B*	25.34	11:37	81.21	26.37	54.84	
BP-10C*	28.35	11:39	80.94	28.00	52.94	
BP-11	-	-	81.76	-	-	Well buried
BP-12A*	21.29	12:03	78.33	22.39	55.94	
BP-12B	21.31	15:10	78.24	22.41	55.83	
BP-12C	23.18	15:14	78.56	24.20	54.36	
BP-13B	79.79	10:26	133.37	79.12	54.25	
BP-13C	79.28	10:28	133.67	80.47	53.20	
BP-14B*	23.98	11:08	81.50	25.09	56.41	
BP-14C*	24.91	11:11	81.48	26.02	55.46	
BP-15B	40.53	-	98.38	-	-	Inaccessible
BP-15C	40.57	-	98.45	-	-	Inaccessible
DW-1	66.20	10:52	130.13	67.67	62.46	
DW-2	72.13	10:48	135.52	73.57	61.95	
EW-1A	65.01	11:02	128.75	66.45	62.30	
EW-1B	65.56	11:00	129.31	67.05	62.26	
EW-1C	65.62	11:04	129.16	67.21	61.95	
EW-2A	93.20	13:53	156.09	94.64	61.45	
EW-2B	93.54	13:51	156.5	90.89	65.61	
EW-2C	93.54	13:52	156.5	90.90	65.60	
EW-2D	94.58	13:50	157.12	95.81	61.31	
EW-3A	97.79	13:30	157.88	98.64	59.24	
EW-3B	97.94	13:32	157.99	98.89	59.10	
EW-3C	97.82	13:34	157.87	98.73	59.14	
EW-4A	97.09	9:30	160.58	98.61	61.97	
EW-4B	97.13	9:29	160.59	98.55	62.04	
EW-4C	96.90	9:28	160.33	98.33	62.00	
EW-4D	97.42	9:27	160.62	98.91	61.71	
EW-5	71.30	10:46	135.05	73.01	62.04	
EW-6A	64.21	12:28	128.92	66.90	62.02	
EW-6C	65.83	12:25	129.02	66.35	62.67	
EW-7C	88.52	12:13	152.45	90.13	62.32	
EW-7D	88.46	12:15	152.35	90.11	62.24	

**ATTACHMENT A
CLAREMONT POLYCHEMICAL CORPORATION SITE
WATER LEVEL MEASUREMENTS
AUGUST 5, 2025**

Recording Date:			8/5/2025	Recorded by:		RB, SB, EL, CI, GS
Well	2Q 2025 Depth to Water Reading (ft)	Time	Measuring Point Elevation (ft AMSL)	3Q 2025 Depth to Water Reading (ft)	Water Elevation (ft AMSL)	Comments
EW-8D	66.23	15:09	130.21	67.85	62.36	
EW-9D	72.26	12:20	136.2	73.99	62.21	
EW-10C	95.93	9:34	159.8	97.40	62.40	
EW-11D	102.08	9:21	164.17	103.46	60.71	
EW-12D	100.65	9:23	163.34	102.08	61.26	
EW-13D	100.79	9:38	163.61	102.32	61.29	
EW-14D	42.84	9:58	100.58	43.90	56.68	
LF-1	45.68	10:36	109.83	47.51	62.32	
LF-2	53.40	11:20	117.18	55.09	62.09	
M-30BR	86.93	11:12	153.07	88.80	64.27	
MW-5B	73.80	14:45	136.99	75.38	61.61	
MW-6A	-	-	158.83	-	-	Insufficient water
MW-6B	96.86	14:20	159.02	98.86	60.16	
MW-6C	96.19	14:13	158.65	97.78	60.87	
MW-6D	96.94	14:17	159.01	98.43	60.58	
MW-6E	97.52	14:15	159.54	99.00	60.54	
MW-6F	97.15	14:19	158.71	98.65	60.06	
MW-7BR	88.13	13:10	146.27	90.20	56.07	
MW-8A	70.50	14:05	133.52	71.95	61.57	
MW-8B	69.98	14:07	132.84	71.48	61.36	
MW-8C	71.61	14:01	134.27	73.28	60.99	
MW-9B	92.65	12:57	151.78	93.72	58.06	
MW-9C	93.32	13:00	151.97	94.51	57.46	
MW-10B	98.72	13:42	159.9	99.95	59.95	
MW-10C	97.81	15:27	158.89	99.11	59.78	
MW-10D	98.78	15:26	159.67	100.14	59.53	
MW-11A	24.23	10:12	78.71	25.24	53.47	
MW-11B	24.14	10:15	78.43	25.08	53.35	
MW-CPC-36	21.78	15:40	75.93	22.99	52.94	
MW-CPC-37	29.34	15:30	77.87	30.81	47.06	
MW-CPC-38	30.24	15:32	78.91	31.26	47.65	
MW-CPC-39	27.70	15:39	75.25	26.56	48.69	
MW-CPC-40	56.76	15:43	110.00	58.20	51.80	
MW-CPC-41	19.49	15:42	72.6	20.14	52.46	
OBS-1	49.65	12:53	109.03	50.83	58.20	
OBV-1B	88.98	9:25	157.26	90.80	66.46	
OBV-1C	89.67	9:27	156.69	91.56	65.13	
ORW-1 ^a	-	-	147.68	-	-	Vault door jammed
ORW-2 ^a	38.04	10:57	97.88	39.51	58.37	
ORW-3 ^a	32.21	10:58	91.39	33.84	57.55	
ORW-4 ^a	-	-	88.88	-	-	Vault inaccessible
ORW-5A ^a	43.21	10:26	100.38	44.36	56.02	
ORW-6 ^a	25.84	11:45	83.42	26.14	57.28	
ORW-7 ^a	19.41	11:56	76.14	20.85	55.29	
RB-1	67.61	9:45	135.02	69.38	65.64	
SW-1	66.34	10:54	130.24	67.92	62.32	
UM-1	50.88	12:33	115.64	52.29	63.35	
U-6A	-	-	153.94	-	-	Leak in casing
W-7A	39.58	12:25	104.44	41.46	62.98	
W-7B	40.89	12:23	104.55	42.57	61.98	
W-7C	41.30	12:27	104.68	42.88	61.80	
W-7D	41.76	12:21	104.58	43.30	61.28	
WT-01	100.18	9:41	163.28	101.59	61.69	

Notes:

- *- Dedicated pump in well
- a - no pumping at time of gauging
- AMSL - above mean sea level
- ft - feet

ATTACHMENT B
SUMMARY OF ANALYTICAL RESULTS

Attachment B
Summary of Analytical Results
July-September 2025 (3/2025) Sampling Event
Claremont Polychemical Superfund Site OUS
Old Bethpage, NY

Sample Description	Date Collected	Sample Type	67-64-1	71-43-2	74-97-5	75-27-4	75-25-2	74-83-9	75-15-0	56-23-5	108-90-7	75-00-3	67-66-3	74-87-3	156-59-2	10061-01-5	110-82-7	124-48-1	75-71-8	100-41-4	98-82-8	179601-23-1
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
			50	1	5	50	50	5	60	5	5	5	7	5	5	0.4	NC	50	5	5	5	NC
			Acetone																			
			Benzene																			
			Bromochloromethane																			
			Bromodichloromethane																			
			Bromoform																			
			Bromomethane																			
			Carbon Disulfide																			
			Carbon Tetrachloride																			
			Chlorobenzene																			
			Chloroethane																			
			Chloroform																			
			Chloromethane																			
			Cis-1,2-Dichloroethene																			
			Cis-1,3-Dichloropropene																			
			Cyclohexane																			
			Dibromochloromethane																			
			Dichlorodifluoromethane																			
			Ethylbenzene																			
			Isopropylbenzene (Cumene)																			
			m,p-Xylenes																			
RP-12B	8/7/2025	N	100	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<2 U	<2 U
RP-12C	8/7/2025	N	510	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<2 U	<2 U
RP-13B	8/6/2025	N	<50 U	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<2 U	<2 U
RP-13C	8/6/2025	N	540	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<2 U	<2 U
RP-3A	8/6/2025	N	91	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<2 U	<2 U
RP-3B	8/6/2025	N	120	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<2 U	<2 U
RP-3C	8/6/2025	N	170	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	2.1	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<2 U	<2 U
RP-5B	8/6/2025	FD	330	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<2 U	<2 U
RP-5C	8/6/2025	N	450	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<2 U	<2 U
RP-5C	8/6/2025	N	160	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<2 U	<2 U
DW-1	8/6/2025	N	210	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	7.1	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<2 U	<2 U
DW-2	8/6/2025	N	67	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<2 U	<2 U
EW-11D	8/6/2025	N	130	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	4.3	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<2 U	<2 U
EW-12D	8/6/2025	N	570	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	4.7 D	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<2 U	<2 U
EW-14D	8/6/2025	N	560	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<2 U	<2 U
EW-1A	8/6/2025	N	51	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<2 U	<2 U
EW-1B	8/6/2025	N	390	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<2 U	<2 U
EW-1C	8/6/2025	N	350	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<2 U	<2 U
EW-2A	8/7/2025	N	73	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<2 U	<2 U
EW-2B	8/7/2025	N	230	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<2 U	<2 U
EW-2C	8/7/2025	N	240	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<2 U	<2 U
EW-2D	8/7/2025	N	220	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<2 U	<2 U
EW-4A	8/6/2025	N	190	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	9.2	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<2 U	<2 U
EW-4B	8/6/2025	N	480	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<2 U	<2 U
EW-4C	8/6/2025	N	280	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<2 U	<2 U
EW-4D	8/6/2025	FD	<50 U	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<2 U	<2 U
EW-4D	8/6/2025	N	<50 U	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<2 U	<2 U
EW-5	8/6/2025	N	290	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<2 U	<2 U
EW-7C	8/7/2025	N	210 D	<2 U	<2 U	<1 U	<2 U	<4 U	<10 U	<10 U	<2 U	<4 U	<4 U	<4 U	3.5 D	<1 U	<10 U	<1 U	<4 U	<2 U	<2 U	<4 U
EW-7D	8/7/2025	N	380	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<2 U	<2 U
LF-1	8/6/2025	N	100	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<2 U	<2 U
M-30B-R	8/7/2025	N	60	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<2 U	<2 U
MW-10D	8/6/2025	N	74	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	7.8	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<2 U	<2 U
MW-11A	8/7/2025	N	680	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	9.2	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<2 U	<2 U
MW-11B	8/7/2025	N	150	1.9	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	3.6	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<2 U	<2 U
MW-5B	8/6/2025	N	640	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<2 U	<2 U
MW-6B	8/6/2025	N	390	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	1.8	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<2 U	<2 U
MW-6C	8/6/2025	N	320	1.8	<1 U	&																

ATTACHMENT B1
SUMMARY OF EMERGING CONTAMINANT SAMPLES

Attachment B1
Summary of Analytical Results
July-September 2025 (3Q2025) Sampling Event
Claremont Polychemical Superfund Site OUS
Old Bethpage, NY

CAS RN:		763051-92-9	39108-34-4	27619-97-2	1691-99-2	24448-09-7	2355-31-9	13252-13-6	914637-49-3	812-70-4	356-02-5	919005-14-4	756426-58-1	4151-50-2	
Unit:		ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	
Criteria:															
Sample Description:															
Sample Description	Date Collected	Sample Type	11-Chlorodocosylfluoro-3-Oxaundecane-1-Sulfonic Acid	1,1,1,1,2,2,2,2-Perfluorodecane Sulfonate (8:2)	1,1,1,1,2,2,2,2-Perfluorooctane Sulfonate (6:2)	2-(N-Ethyl Perfluoro-1-Octanesulfonamido)-Ethanol	2-(N-Methyl Perfluoro-1-Octanesulfonamido)-Ethanol	2-(N-Methyl Perfluorooctanesulfonamido) Acetic Acid	2,2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-Heptafluoropropoxy)-Propanoic Acid	2,2,3,3,3-Pentafluoro-2-(1,1,2,2,3,3,3-Heptafluoropropoxy)-Propanoic Acid (5:3:Ftca)	3-Perfluoroheptyl Propanoic Acid (7:3:Ftca)	3-Perfluoropropyl Propanoic Acid (3:3:Ftca)	4,4-Dioxo-3H-Perfluorononanoic Acid (Adona)	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	N-Ethyl Perfluoro-1-Octanesulfonamide
MW-CPC-36	8/6/2025	N	< 6.33 U	15.1	40.6	< 15.8 U	< 15.8 U	< 1.58 U	< 6.33 U	< 39.6 U	< 39.6 U	< 7.91 U	< 6.33 U	< 6.33 U	< 1.58 U
MW-CPC-37	8/6/2025	N	< 6.08 U	< 6.08 U	< 6.08 U	< 15.2 U	< 15.2 U	< 1.52 U	< 6.08 U	< 38 U	< 38 U	< 7.6 U	< 6.08 U	< 6.08 U	< 1.52 U
MW-CPC-38	8/5/2025	FD	< 5.89 U	< 5.89 U	< 5.89 U	< 14.7 U	< 14.7 U	< 1.47 U	< 5.89 U	< 36.8 U	< 36.8 U	< 7.36 U	< 5.89 U	< 5.89 U	< 1.47 U
MW-CPC-38	8/5/2025	N	< 5.9 U	< 5.9 U	< 5.9 U	< 14.8 U	< 14.8 U	< 1.48 U	< 5.9 U	< 36.9 U	< 36.9 U	< 7.38 U	< 5.9 U	< 5.9 U	< 1.48 U
MW-CPC-39	8/4/2025	N	< 6.57 U	< 6.57 U	< 6.57 U	< 16.4 U	< 16.4 U	< 1.64 U	< 6.57 U	< 41 U	< 41 U	< 8.21 U	< 6.57 U	< 6.57 U	< 1.64 U
MW-CPC-40	8/5/2025	N	< 5.81 U	< 5.81 U	< 5.81 U	< 14.5 U	< 14.5 U	< 1.45 U	< 5.81 U	< 36.3 U	< 36.3 U	< 7.26 U	< 5.81 U	< 5.81 U	< 1.45 U
MW-CPC-41	8/7/2025	N	< 6.27 U	< 6.27 U	< 6.27 U	< 15.7 U	< 15.7 U	< 1.57 U	< 6.27 U	< 39.2 U	< 39.2 U	< 7.83 U	< 6.27 U	< 6.27 U	< 1.57 U

Notes:
U - not detected
NC - no criteria
NA - not analyzed
Bold indicates compound detected
Values in yellow cells exceed criteria
(a) NYSDEC TOGS (1.1.1), Updated February 2023.
ng/L - nanograms per liter
ug/L - micrograms per liter

Attachment B1
Summary of Analytical Results
July-September 2025 (3Q2025) Sampling Event
Claremont Polychemical Superfund Site OUS
Old Bethpage, NY

CAS RN:			2991-50-6	31506-32-8	151772-58-6	113507-82-7	377-73-1	863090-89-5	375-73-5	375-22-4	335-77-3	335-76-2	79780-39-5	307-55-1	375-92-8
Unit:			ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l
Criteria:									100						
Sample Description:															
Sample Description	Date Collected	Sample Type	N-Ethyl-N-((heptadecafluorooctyl)sulphonyl) Glycine	N-Methyl Perfluoro-1-Octanesulfonamide	Nonafluoro-3,6-Dioxaheptanoic Acid	Perfluoro(2-Ethoxyethane)Sulfonic Acid	Perfluoro-3-Methoxypropanoic Acid	Perfluoro-4-Methoxybutanoic Acid	Perfluorobutanesulfonic Acid	Perfluorobutyric Acid (PFba)	Perfluorodecane Sulfonic Acid	Perfluorodecanoic Acid (PFda)	Perfluorododecane Sulfonate (PFdods)	Perfluorododecanoic Acid (PFdoa)	Perfluorooheptane Sulfonate (PFhps)
MW-CPC-36	8/6/2025	N	< 1.58 U	< 1.58 U	< 3.17 U	< 3.17 U	< 3.17 U	< 3.17 U	6.24	32.4	< 1.58 U	3.85	< 1.58 U	< 1.58 U	2.82
MW-CPC-37	8/6/2025	N	< 1.52 U	< 1.52 U	< 3.04 U	< 3.04 U	< 3.04 U	< 3.04 U	3.92	30.9	< 1.52 U	< 1.52 U	< 1.52 U	< 1.52 U	< 1.52 U
MW-CPC-38	8/5/2025	FD	< 1.47 U	< 1.47 U	< 2.94 U	< 2.94 U	< 2.94 U	< 2.94 U	< 1.47 U	< 5.89 U	< 1.47 U	< 1.47 U	< 1.47 U	< 1.47 U	< 1.47 U
MW-CPC-38	8/5/2025	N	< 1.48 U	< 1.48 U	< 2.95 U	< 2.95 U	< 2.95 U	< 2.95 U	< 1.48 U	< 5.9 U	< 1.48 U	< 1.48 U	< 1.48 U	< 1.48 U	< 1.48 U
MW-CPC-39	8/4/2025	N	< 1.64 U	< 1.64 U	< 3.28 U	< 3.28 U	< 3.28 U	< 3.28 U	< 1.64 U	< 6.57 U	< 1.64 U	< 1.64 U	< 1.64 U	< 1.64 U	< 1.64 U
MW-CPC-40	8/5/2025	N	< 1.45 U	< 1.45 U	< 2.9 U	< 2.9 U	< 2.9 U	< 2.9 U	< 1.45 U	< 5.81 U	< 1.45 U	< 1.45 U	< 1.45 U	< 1.45 U	< 1.45 U
MW-CPC-41	8/7/2025	N	< 1.57 U	< 1.57 U	< 3.13 U	< 3.13 U	< 3.13 U	< 3.13 U	2.06	16.2	< 1.57 U	< 1.57 U	< 1.57 U	< 1.57 U	< 1.57 U

Notes:
U - not detected
NC - no criteria
NA - not analyzed
Bold indicates compound detected
Values in yellow cells exceed criteria
(a) NYSDEC TOGS (1.1.1), Updated February 2023.
ng/L - nanograms per liter
ug/L - micrograms per liter

Attachment B1
Summary of Analytical Results
July-September 2025 (3Q2025) Sampling Event
Claremont Polychemical Superfund Site OUS
Old Bethpage, NY

CAS RN:			375-85-9	355-46-4	307-24-4	68259-12-1	375-95-1	754-91-6	1763-23-1	335-67-1	2706-91-4	2706-90-3	376-06-7	72629-94-8	2058-94-8	757124-72-4		123-91-1	
Unit:			ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ug/l
Criteria:				100					2.7	6.7						100	NC	0.35	
Sample Description:									(a.)	(a.)								(a.)	
Sample Description	Date Collected	Sample Type	Perfluoroheptanoic Acid (Pfpaa)	Perfluorohexanesulfonic Acid	Perfluorohexanoic Acid (Pfhxa)	Perfluorononanesulfonic Acid (Pfnas)	Perfluorononanoic Acid	Perfluorooctane Sulfonamide (Fosa)	Perfluorooctane Sulfonic Acid (Pfos)	Perfluorooctanoic Acid (Pfoa)	Perfluoropentanesulfonic Acid (Pfpes)	Perfluoropentanoic Acid (Ppfa)	Perfluorotetradecanoic Acid (Pftta)	Perfluorotridecanoic Acid (Pftta)	Perfluoroundecanoic Acid (Pfuna)	Sodium 1H,1H,2H,2H-Perfluorohexane Sulfonate (4:2)	Total Pfas	1,4-Dioxane (P-Dioxane)	
MW-CPC-36	8/6/2025	N	37.3	37.2	46.3	< 1.58 U	537 D	< 1.58 U	155	150	6.20	50.1	< 1.58 U	< 1.58 U	6.70	< 6.33 U	1126.81	7.1	
MW-CPC-37	8/6/2025	N	8.61	7.45	16.9	< 1.52 U	< 1.52 U	< 1.52 U	39.9	95.2	4.39	8.67	< 1.52 U	< 1.52 U	< 1.52 U	< 6.08 U	215.94	24	
MW-CPC-38	8/5/2025	FD	< 1.47 U	< 1.47 U	< 1.47 U	< 1.47 U	< 1.47 U	< 1.47 U	< 1.47 U	< 1.47 U	< 1.47 U	< 1.47 U	< 1.47 U	< 1.47 U	< 1.47 U	< 5.89 U	< 5.89 U	0.71	
MW-CPC-38	8/5/2025	N	< 1.48 U	< 1.48 U	< 1.48 U	< 1.48 U	< 1.48 U	< 1.48 U	< 1.48 U	< 1.48 U	< 1.48 U	< 1.48 U	< 1.48 U	< 1.48 U	< 1.48 U	< 5.9 U	< 5.9 U	0.72	
MW-CPC-39	8/4/2025	N	< 1.64 U	< 1.64 U	< 1.64 U	< 1.64 U	< 1.64 U	< 1.64 U	< 1.64 U	< 1.64 U	< 1.64 U	< 1.64 U	< 1.64 U	< 1.64 U	< 1.64 U	< 6.57 U	< 6.57 U	< 0.2 U	
MW-CPC-40	8/5/2025	N	< 1.45 U	< 1.45 U	< 1.45 U	< 1.45 U	< 1.45 U	< 1.45 U	< 1.45 U	< 1.45 U	< 1.45 U	< 1.45 U	< 1.45 U	< 1.45 U	< 1.45 U	< 5.81 U	< 5.81 U	2.7	
MW-CPC-41	8/7/2025	N	12.7	6.40	20.9	< 1.57 U	80.0	< 1.57 U	18.9	28.2	< 1.57 U	26.7	< 1.57 U	< 1.57 U	< 1.57 U	< 6.27 U	212.06	2.8	

Notes:
U - not detected
NC - no criteria
NA - not analyzed
Bold indicates compound detected
Values in yellow cells exceed criteria
(a) NYSDEC TOGS (1.1.1), Updated February 2023.
ng/L - nanograms per liter
ug/L - micrograms per liter

ATTACHMENT C
LABORATORY DATA DELIVERABLES

August 18, 2025

Payson Long
NYDEC_Ramboll US Consulting, Inc. - Syracuse
333 West Washington Street, PO Box 4873
Syracuse, NY 13202

Project Location: Old BEthpage, New York
Client Job Number:
Project Number: 130015
Laboratory Work Order Number: 25H0432

Enclosed are results of analyses for samples as received by the laboratory on August 8, 2025. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kyle A. Murray
Project Manager

Table of Contents

Sample Summary	4
Case Narrative	5
Sample Results	7
25H0432-01	7
25H0432-02	10
25H0432-03	13
25H0432-04	16
25H0432-05	19
25H0432-06	22
25H0432-07	25
25H0432-08	28
25H0432-09	31
25H0432-10	34
25H0432-11	37
25H0432-12	40
25H0432-13	43
25H0432-14	46
25H0432-15	49
25H0432-16	52
25H0432-17	55
25H0432-18	58
25H0432-19	61
25H0432-20	64
25H0432-21	67
25H0432-22	70

Table of Contents (continued)

25H0432-23	73
Sample Preparation Information	76
QC Data	77
Volatile Organic Compounds by GC/MS	77
B411120	77
B411121	80
B411129	84
B411120	89
B411121	89
B411129	89
Flag/Qualifier Summary	90
Certifications	91
Chain of Custody/Sample Receipt	93



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

NYDEC_Ramboll US Consulting, Inc. - Syracuse
333 West Washington Street, PO Box 4873
Syracuse, NY 13202
ATTN: Payson Long

REPORT DATE: 8/18/2025

PURCHASE ORDER NUMBER: 151811

PROJECT NUMBER: 130015

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 25H0432

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: Old BETHpage, New York

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
EW4D-CP-00-20250806	25H0432-01	Ground Water		SW-846 8260D	
EW4D-CP-01-20250806	25H0432-02	Ground Water		SW-846 8260D	
WT01-CP-00-20250806	25H0432-03	Ground Water		SW-846 8260D	
LF1-CP-00-20250806	25H0432-04	Ground Water		SW-846 8260D	
SW1-CP-00-20250806	25H0432-05	Ground Water		SW-846 8260D	
DW1-CP-00-20250806	25H0432-06	Ground Water		SW-846 8260D	
EW1A-CP-00-20250806	25H0432-07	Ground Water		SW-846 8260D	
EW1B-CP-00-20250806	25H0432-08	Ground Water		SW-846 8260D	
EW1C-CP-00-20250806	25H0432-09	Ground Water		SW-846 8260D	
DW2-CP-00-20250806	25H0432-10	Ground Water		SW-846 8260D	
EW5-CP-00-20250806	25H0432-11	Ground Water		SW-846 8260D	
M30BR-CP-00-20250807	25H0432-12	Ground Water		SW-846 8260D	
EW7C-CP-00-20250807	25H0432-13	Ground Water		SW-846 8260D	
EW7D-CP-00-20250807	25H0432-14	Ground Water		SW-846 8260D	
EW2A-CP-00-20250807	25H0432-15	Ground Water		SW-846 8260D	
EW2B-CP-00-20250807	25H0432-16	Ground Water		SW-846 8260D	
EW2C-CP-00-20250807	25H0432-17	Ground Water		SW-846 8260D	
EW2D-CP-00-20250807	25H0432-18	Ground Water		SW-846 8260D	
MW8A-CP-00-20250807	25H0432-19	Ground Water		SW-846 8260D	
BP12B-CP-00-20250807	25H0432-20	Ground Water		SW-846 8260D	
BP12C-CP-00-20250807	25H0432-21	Ground Water		SW-846 8260D	
MW11A-CP-00-20250807	25H0432-22	Ground Water		SW-846 8260D	
MW11B-CP-00-20250807	25H0432-23	Ground Water		SW-846 8260D	

CASE NARRATIVE SUMMARY

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

SW-846 8260D

Qualifications:

L-07

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

Analyte & Samples(s) Qualified:

Methyl Acetate

B411121-BS1

RL-11

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

25H0432-05[SW1-CP-00-20250806], 25H0432-13[EW7C-CP-00-20250807]

V-05

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

Analyte & Samples(s) Qualified:

1,1-Dichloroethylene

25H0432-06[DW1-CP-00-20250806], 25H0432-07[EW1A-CP-00-20250806], 25H0432-08[EW1B-CP-00-20250806], 25H0432-09[EW1C-CP-00-20250806], 25H0432-10[DW2-CP-00-20250806], 25H0432-11[EW5-CP-00-20250806], 25H0432-12[M30BR-CP-00-20250807], 25H0432-13[EW7C-CP-00-20250807], 25H0432-14[EW7D-CP-00-20250807], 25H0432-15[EW2A-CP-00-20250807], 25H0432-16[EW2B-CP-00-20250807], 25H0432-17[EW2C-CP-00-20250807], 25H0432-18[EW2D-CP-00-20250807], 25H0432-19[MW8A-CP-00-20250807], 25H0432-20[BP12B-CP-00-20250807], 25H0432-21[BP12C-CP-00-20250807], 25H0432-22[MW11A-CP-00-20250807], 25H0432-23[MW11B-CP-00-20250807], B411121-BLK1, B411121-BS1, B411121-BSD1, S124916-CCV1

Bromomethane

25H0432-01[EW4D-CP-00-20250806], 25H0432-02[EW4D-CP-01-20250806], 25H0432-03[WT01-CP-00-20250806], 25H0432-05[SW1-CP-00-20250806], B411120-BLK1, B411120-BS1, B411120-BSD1, S124933-CCV1

Methyl Acetate

25H0432-01[EW4D-CP-00-20250806], 25H0432-02[EW4D-CP-01-20250806], 25H0432-03[WT01-CP-00-20250806], 25H0432-05[SW1-CP-00-20250806], 25H0432-06[DW1-CP-00-20250806], 25H0432-07[EW1A-CP-00-20250806], 25H0432-08[EW1B-CP-00-20250806], 25H0432-09[EW1C-CP-00-20250806], 25H0432-10[DW2-CP-00-20250806], 25H0432-11[EW5-CP-00-20250806], 25H0432-12[M30BR-CP-00-20250807], 25H0432-13[EW7C-CP-00-20250807], 25H0432-14[EW7D-CP-00-20250807], 25H0432-15[EW2A-CP-00-20250807], 25H0432-16[EW2B-CP-00-20250807], 25H0432-17[EW2C-CP-00-20250807], 25H0432-18[EW2D-CP-00-20250807], 25H0432-19[MW8A-CP-00-20250807], 25H0432-20[BP12B-CP-00-20250807], 25H0432-21[BP12C-CP-00-20250807], 25H0432-22[MW11A-CP-00-20250807], 25H0432-23[MW11B-CP-00-20250807], B411120-BLK1, B411120-BS1, B411120-BSD1, B411121-BLK1, B411121-BS1, B411121-BSD1, S124916-CCV1, S124933-CCV1

V-20

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

Analyte & Samples(s) Qualified:

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

B411120-BS1, B411120-BSD1, S124933-CCV1

Dichlorodifluoromethane (Freon 12)

B411120-BS1, B411120-BSD1, B411129-BS1, B411129-BSD1, S124933-CCV1, S125002-CCV1

Methyl Cyclohexane

B411129-BS1, B411129-BSD1, S125002-CCV1

sec-Butylbenzene

B411120-BS1, B411120-BSD1, S124933-CCV1



Pace Analytical Services, LLC - East Longmeadow, Ma

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

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

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

A handwritten signature in black ink that reads "Lisa A. Worthington". The signature is written in a cursive style and is placed on a light gray rectangular background.

Lisa A. Worthington
Technical Representative

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: EW4D-CP-00-20250806

Sampled: 8/6/2025 11:42

Sample ID: 25H0432-01

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	8/11/25	8/12/25 18:43	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	8/11/25	8/12/25 18:43	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
Methyl Acetate	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/11/25	8/12/25 18:43	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: EW4D-CP-00-20250806

Sampled: 8/6/2025 11:42

Sample ID: 25H0432-01

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	8/11/25	8/12/25 18:43	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:43	EEH
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		129		70-130				8/12/25 18:43	
Toluene-d8		101		70-130				8/12/25 18:43	
4-Bromofluorobenzene		95.0		70-130				8/12/25 18:43	



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: EW4D-CP-00-20250806

Sampled: 8/6/2025 11:42

Sample ID: 25H0432-01

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/11/25	8/12/25 18:43	EEH

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: EW4D-CP-01-20250806

Sampled: 8/6/2025 11:42

Sample ID: 25H0432-02

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	8/11/25	8/12/25 19:09	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	8/11/25	8/12/25 19:09	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
Methyl Acetate	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/11/25	8/12/25 19:09	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: EW4D-CP-01-20250806

Sampled: 8/6/2025 11:42

Sample ID: 25H0432-02

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	8/11/25	8/12/25 19:09	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:09	EEH
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		128	70-130					8/12/25 19:09	
Toluene-d8		99.5	70-130					8/12/25 19:09	
4-Bromofluorobenzene		97.2	70-130					8/12/25 19:09	



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: EW4D-CP-01-20250806

Sampled: 8/6/2025 11:42

Sample ID: 25H0432-02

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/11/25	8/12/25 19:09	EEH

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: WT01-CP-00-20250806

Sampled: 8/6/2025 12:00

Sample ID: 25H0432-03

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	71	50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	8/11/25	8/12/25 19:34	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
Methyl Acetate	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/11/25	8/12/25 19:34	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: WT01-CP-00-20250806

Sampled: 8/6/2025 12:00

Sample ID: 25H0432-03

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	8/11/25	8/12/25 19:34	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:34	EEH
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		130	70-130					8/12/25 19:34	
Toluene-d8		104	70-130					8/12/25 19:34	
4-Bromofluorobenzene		92.8	70-130					8/12/25 19:34	



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: WT01-CP-00-20250806

Sampled: 8/6/2025 12:00

Sample ID: 25H0432-03

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/11/25	8/12/25 19:34	EEH

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: LF1-CP-00-20250806

Sampled: 8/6/2025 10:33

Sample ID: 25H0432-04

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	100	50	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: LF1-CP-00-20250806

Sampled: 8/6/2025 10:33

Sample ID: 25H0432-04

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	8/13/25	8/14/25 16:47	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/13/25	8/14/25 16:47	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		109		70-130				8/14/25 16:47	
Toluene-d8		96.8		70-130				8/14/25 16:47	
4-Bromofluorobenzene		89.9		70-130				8/14/25 16:47	



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: LF1-CP-00-20250806

Sampled: 8/6/2025 10:33

Sample ID: 25H0432-04

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/13/25	8/14/25 16:47	MF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: SW1-CP-00-20250806

Sampled: 8/6/2025 09:30

Sample ID: 25H0432-05

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	100	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
Benzene	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
Bromochloromethane	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
Bromodichloromethane	ND	1.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
Bromoform	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
Bromomethane	ND	4.0	µg/L	2	V-05	SW-846 8260D	8/11/25	8/12/25 21:16	EEH
2-Butanone (MEK)	ND	40	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
n-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
sec-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
tert-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
Carbon Disulfide	ND	10	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
Carbon Tetrachloride	ND	10	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
Chlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
Chlorodibromomethane	ND	1.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
Chloroethane	ND	4.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
Chloroform	ND	4.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
Chloromethane	ND	4.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
Cyclohexane	ND	10	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
1,2-Dibromoethane (EDB)	ND	1.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
1,2-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
1,3-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
1,4-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
Dichlorodifluoromethane (Freon 12)	ND	4.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
1,1-Dichloroethane	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
1,2-Dichloroethane	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
1,1-Dichloroethylene	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
cis-1,2-Dichloroethylene	27	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
trans-1,2-Dichloroethylene	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
1,2-Dichloropropane	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
cis-1,3-Dichloropropene	ND	1.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
trans-1,3-Dichloropropene	ND	1.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
Ethylbenzene	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
2-Hexanone (MBK)	ND	20	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
Isopropylbenzene (Cumene)	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
p-Isopropyltoluene (p-Cymene)	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
Methyl Acetate	ND	2.0	µg/L	2	V-05	SW-846 8260D	8/11/25	8/12/25 21:16	EEH
Methyl tert-Butyl Ether (MTBE)	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
Methyl Cyclohexane	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
Methylene Chloride	ND	10	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
4-Methyl-2-pentanone (MIBK)	ND	20	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
Naphthalene	ND	4.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
n-Propylbenzene	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
Styrene	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: SW1-CP-00-20250806

Sampled: 8/6/2025 09:30

Sample ID: 25H0432-05

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	1.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
Tetrachloroethylene	170	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
Toluene	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
1,2,3-Trichlorobenzene	ND	10	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
1,2,4-Trichlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
1,1,1-Trichloroethane	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
1,1,2-Trichloroethane	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
Trichloroethylene	20	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
Trichlorofluoromethane (Freon 11)	ND	4.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
1,2,3-Trichloropropane	ND	4.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
1,2,4-Trimethylbenzene	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
1,3,5-Trimethylbenzene	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
Vinyl Chloride	ND	4.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
m+p Xylene	ND	4.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
o-Xylene	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
Xylenes (total)	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 21:16	EEH
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		129		70-130				8/12/25 21:16	
Toluene-d8		97.0		70-130				8/12/25 21:16	
4-Bromofluorobenzene		93.7		70-130				8/12/25 21:16	



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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: SW1-CP-00-20250806

Sampled: 8/6/2025 09:30

Sample ID: 25H0432-05

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			2			SW-846 8260D	8/11/25	8/12/25 21:16	EEH

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: DW1-CP-00-20250806

Sampled: 8/6/2025 09:40

Sample ID: 25H0432-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	210	50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/11/25	8/12/25 12:09	MFF
cis-1,2-Dichloroethylene	2.1	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
Methyl Acetate	6.9	1.0	µg/L	1	V-05	SW-846 8260D	8/11/25	8/12/25 12:09	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: DW1-CP-00-20250806

Sampled: 8/6/2025 09:40

Sample ID: 25H0432-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
Tetrachloroethylene	1.0	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:09	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		89.2		70-130				8/12/25 12:09	
Toluene-d8		99.6		70-130				8/12/25 12:09	
4-Bromofluorobenzene		90.2		70-130				8/12/25 12:09	



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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: DW1-CP-00-20250806

Sampled: 8/6/2025 09:40

Sample ID: 25H0432-06

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/11/25	8/12/25 12:09	MF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: EW1A-CP-00-20250806

Sampled: 8/6/2025 09:55

Sample ID: 25H0432-07

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	51	50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/11/25	8/12/25 12:36	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
Methyl Acetate	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/11/25	8/12/25 12:36	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: EW1A-CP-00-20250806

Sampled: 8/6/2025 09:55

Sample ID: 25H0432-07

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	8/11/25	8/12/25 12:36	MFF
Tetrachloroethylene	2.9	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 12:36	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		91.4		70-130				8/12/25 12:36	
Toluene-d8		94.6		70-130				8/12/25 12:36	
4-Bromofluorobenzene		90.5		70-130				8/12/25 12:36	



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: EW1A-CP-00-20250806

Sampled: 8/6/2025 09:55

Sample ID: 25H0432-07

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/11/25	8/12/25 12:36	MF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: EW1B-CP-00-20250806

Sampled: 8/6/2025 10:05

Sample ID: 25H0432-08

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	390	50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/11/25	8/12/25 13:02	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
Methyl Acetate	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/11/25	8/12/25 13:02	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: EW1B-CP-00-20250806

Sampled: 8/6/2025 10:05

Sample ID: 25H0432-08

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	8/11/25	8/12/25 13:02	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:02	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		91.7		70-130				8/12/25 13:02	
Toluene-d8		97.8		70-130				8/12/25 13:02	
4-Bromofluorobenzene		89.4		70-130				8/12/25 13:02	



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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: EW1B-CP-00-20250806

Sampled: 8/6/2025 10:05

Sample ID: 25H0432-08

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/11/25	8/12/25 13:02	MF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: EWIC-CP-00-20250806

Sampled: 8/6/2025 10:15

Sample ID: 25H0432-09

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	350	50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/11/25	8/12/25 13:29	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
Methyl Acetate	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/11/25	8/12/25 13:29	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: EWIC-CP-00-20250806

Sampled: 8/6/2025 10:15

Sample ID: 25H0432-09

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	8/11/25	8/12/25 13:29	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:29	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		93.7		70-130				8/12/25 13:29	
Toluene-d8		96.7		70-130				8/12/25 13:29	
4-Bromofluorobenzene		93.6		70-130				8/12/25 13:29	



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: EWIC-CP-00-20250806

Sampled: 8/6/2025 10:15

Sample ID: 25H0432-09

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/11/25	8/12/25 13:29	MF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: DW2-CP-00-20250806

Sampled: 8/6/2025 09:06

Sample ID: 25H0432-10

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	67	50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/11/25	8/12/25 13:56	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
Methyl Acetate	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/11/25	8/12/25 13:56	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: DW2-CP-00-20250806

Sampled: 8/6/2025 09:06

Sample ID: 25H0432-10

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	8/11/25	8/12/25 13:56	MFF
Tetrachloroethylene	2.2	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 13:56	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		92.9		70-130				8/12/25 13:56	
Toluene-d8		96.8		70-130				8/12/25 13:56	
4-Bromofluorobenzene		90.2		70-130				8/12/25 13:56	



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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: DW2-CP-00-20250806

Sampled: 8/6/2025 09:06

Sample ID: 25H0432-10

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/11/25	8/12/25 13:56	MF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: EW5-CP-00-20250806

Sampled: 8/6/2025 08:55

Sample ID: 25H0432-11

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	290	50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/11/25	8/12/25 14:22	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
Methyl Acetate	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/11/25	8/12/25 14:22	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: EW5-CP-00-20250806

Sampled: 8/6/2025 08:55

Sample ID: 25H0432-11

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	8/11/25	8/12/25 14:22	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
Trichloroethylene	1.2	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:22	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		94.8		70-130				8/12/25 14:22	
Toluene-d8		98.1		70-130				8/12/25 14:22	
4-Bromofluorobenzene		87.2		70-130				8/12/25 14:22	



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: EW5-CP-00-20250806

Sampled: 8/6/2025 08:55

Sample ID: 25H0432-11

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/11/25	8/12/25 14:22	MF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: M30BR-CP-00-20250807

Sampled: 8/7/2025 08:30

Sample ID: 25H0432-12

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	60	50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/11/25	8/12/25 14:49	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
Methyl Acetate	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/11/25	8/12/25 14:49	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: M30BR-CP-00-20250807

Sampled: 8/7/2025 08:30

Sample ID: 25H0432-12

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	8/11/25	8/12/25 14:49	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 14:49	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		94.2		70-130				8/12/25 14:49	
Toluene-d8		97.8		70-130				8/12/25 14:49	
4-Bromofluorobenzene		90.5		70-130				8/12/25 14:49	



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: M30BR-CP-00-20250807

Sampled: 8/7/2025 08:30

Sample ID: 25H0432-12

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/11/25	8/12/25 14:49	MF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: EW7C-CP-00-20250807

Sampled: 8/7/2025 09:00

Sample ID: 25H0432-13

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	210	100	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
Benzene	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
Bromochloromethane	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
Bromodichloromethane	ND	1.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
Bromoform	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
Bromomethane	ND	4.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
2-Butanone (MEK)	ND	40	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
n-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
sec-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
tert-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
Carbon Disulfide	ND	10	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
Carbon Tetrachloride	ND	10	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
Chlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
Chlorodibromomethane	ND	1.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
Chloroethane	ND	4.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
Chloroform	ND	4.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
Chloromethane	ND	4.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
Cyclohexane	ND	10	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
1,2-Dibromoethane (EDB)	ND	1.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
1,2-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
1,3-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
1,4-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
Dichlorodifluoromethane (Freon 12)	ND	4.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
1,1-Dichloroethane	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
1,2-Dichloroethane	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
1,1-Dichloroethylene	ND	2.0	µg/L	2	V-05	SW-846 8260D	8/11/25	8/12/25 20:35	MFF
cis-1,2-Dichloroethylene	3.5	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
trans-1,2-Dichloroethylene	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
1,2-Dichloropropane	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
cis-1,3-Dichloropropene	ND	1.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
trans-1,3-Dichloropropene	ND	1.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
Ethylbenzene	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
2-Hexanone (MBK)	ND	20	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
Isopropylbenzene (Cumene)	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
p-Isopropyltoluene (p-Cymene)	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
Methyl Acetate	ND	2.0	µg/L	2	V-05	SW-846 8260D	8/11/25	8/12/25 20:35	MFF
Methyl tert-Butyl Ether (MTBE)	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
Methyl Cyclohexane	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
Methylene Chloride	ND	10	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
4-Methyl-2-pentanone (MIBK)	ND	20	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
Naphthalene	ND	4.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
n-Propylbenzene	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
Styrene	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: EW7C-CP-00-20250807

Sampled: 8/7/2025 09:00

Sample ID: 25H0432-13

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	1.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
Tetrachloroethylene	16	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
Toluene	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
1,2,3-Trichlorobenzene	ND	10	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
1,2,4-Trichlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
1,1,1-Trichloroethane	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
1,1,2-Trichloroethane	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
Trichloroethylene	250	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
Trichlorofluoromethane (Freon 11)	ND	4.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
1,2,3-Trichloropropane	ND	4.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
1,2,4-Trimethylbenzene	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
1,3,5-Trimethylbenzene	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
Vinyl Chloride	ND	4.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
m+p Xylene	ND	4.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
o-Xylene	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
Xylenes (total)	ND	2.0	µg/L	2		SW-846 8260D	8/11/25	8/12/25 20:35	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		101		70-130				8/12/25 20:35	
Toluene-d8		100		70-130				8/12/25 20:35	
4-Bromofluorobenzene		89.2		70-130				8/12/25 20:35	



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: EW7C-CP-00-20250807

Sampled: 8/7/2025 09:00

Sample ID: 25H0432-13

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			2			SW-846 8260D	8/11/25	8/12/25 20:35	MF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: EW7D-CP-00-20250807

Sampled: 8/7/2025 09:05

Sample ID: 25H0432-14

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	380	50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/11/25	8/12/25 15:15	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
Methyl Acetate	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/11/25	8/12/25 15:15	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: EW7D-CP-00-20250807

Sampled: 8/7/2025 09:05

Sample ID: 25H0432-14

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	8/11/25	8/12/25 15:15	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:15	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		96.6		70-130				8/12/25 15:15	
Toluene-d8		99.1		70-130				8/12/25 15:15	
4-Bromofluorobenzene		89.5		70-130				8/12/25 15:15	



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: EW7D-CP-00-20250807

Sampled: 8/7/2025 09:05

Sample ID: 25H0432-14

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/11/25	8/12/25 15:15	MF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: EW2A-CP-00-20250807

Sampled: 8/7/2025 10:00

Sample ID: 25H0432-15

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	73	50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/11/25	8/12/25 15:42	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
Methyl Acetate	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/11/25	8/12/25 15:42	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: EW2A-CP-00-20250807

Sampled: 8/7/2025 10:00

Sample ID: 25H0432-15

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	8/11/25	8/12/25 15:42	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 15:42	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		92.4		70-130				8/12/25 15:42	
Toluene-d8		100		70-130				8/12/25 15:42	
4-Bromofluorobenzene		88.7		70-130				8/12/25 15:42	



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: EW2A-CP-00-20250807

Sampled: 8/7/2025 10:00

Sample ID: 25H0432-15

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/11/25	8/12/25 15:42	MF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: EW2B-CP-00-20250807

Sampled: 8/7/2025 10:01

Sample ID: 25H0432-16

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	250	50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/11/25	8/12/25 16:09	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
Methyl Acetate	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/11/25	8/12/25 16:09	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: EW2B-CP-00-20250807

Sampled: 8/7/2025 10:01

Sample ID: 25H0432-16

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	8/11/25	8/12/25 16:09	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:09	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		95.6		70-130				8/12/25 16:09	
Toluene-d8		96.8		70-130				8/12/25 16:09	
4-Bromofluorobenzene		92.9		70-130				8/12/25 16:09	



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: EW2B-CP-00-20250807

Sampled: 8/7/2025 10:01

Sample ID: 25H0432-16

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/11/25	8/12/25 16:09	MF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: EW2C-CP-00-20250807

Sampled: 8/7/2025 10:02

Sample ID: 25H0432-17

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	240	50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/11/25	8/12/25 16:35	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
Methyl Acetate	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/11/25	8/12/25 16:35	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: EW2C-CP-00-20250807

Sampled: 8/7/2025 10:02

Sample ID: 25H0432-17

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	8/11/25	8/12/25 16:35	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
Trichloroethylene	1.5	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 16:35	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		99.5		70-130				8/12/25 16:35	
Toluene-d8		98.7		70-130				8/12/25 16:35	
4-Bromofluorobenzene		89.2		70-130				8/12/25 16:35	



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: EW2C-CP-00-20250807

Sampled: 8/7/2025 10:02

Sample ID: 25H0432-17

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/11/25	8/12/25 16:35	MF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: EW2D-CP-00-20250807

Sampled: 8/7/2025 10:03

Sample ID: 25H0432-18

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	220	50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/11/25	8/12/25 17:02	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
Methyl Acetate	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/11/25	8/12/25 17:02	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: EW2D-CP-00-20250807

Sampled: 8/7/2025 10:03

Sample ID: 25H0432-18

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	8/11/25	8/12/25 17:02	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:02	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		96.0		70-130				8/12/25 17:02	
Toluene-d8		101		70-130				8/12/25 17:02	
4-Bromofluorobenzene		95.4		70-130				8/12/25 17:02	



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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: EW2D-CP-00-20250807

Sampled: 8/7/2025 10:03

Sample ID: 25H0432-18

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/11/25	8/12/25 17:02	MF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: MW8A-CP-00-20250807

Sampled: 8/7/2025 10:20

Sample ID: 25H0432-19

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	110	50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/11/25	8/12/25 17:29	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
Methyl Acetate	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/11/25	8/12/25 17:29	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: MW8A-CP-00-20250807

Sampled: 8/7/2025 10:20

Sample ID: 25H0432-19

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	8/11/25	8/12/25 17:29	MFF
Tetrachloroethylene	5.8	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:29	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		101	70-130					8/12/25 17:29	
Toluene-d8		101	70-130					8/12/25 17:29	
4-Bromofluorobenzene		92.8	70-130					8/12/25 17:29	



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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: MW8A-CP-00-20250807

Sampled: 8/7/2025 10:20

Sample ID: 25H0432-19

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
Isopropyl alcohol	17	µg/L	252090	2.231	1	000067-63-0	86	SW-846 8260D	8/11/25	8/12/25 17:29	MF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: BP12B-CP-00-20250807

Sampled: 8/7/2025 11:30

Sample ID: 25H0432-20

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	100	50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/11/25	8/12/25 17:55	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
Methyl Acetate	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/11/25	8/12/25 17:55	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: **BP12B-CP-00-20250807**

Sampled: 8/7/2025 11:30

Sample ID: **25H0432-20**

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	8/11/25	8/12/25 17:55	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:55	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		100		70-130				8/12/25 17:55	
Toluene-d8		99.7		70-130				8/12/25 17:55	
4-Bromofluorobenzene		91.2		70-130				8/12/25 17:55	



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: BP12B-CP-00-20250807

Sampled: 8/7/2025 11:30

Sample ID: 25H0432-20

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/11/25	8/12/25 17:55	MF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: BP12C-CP-00-20250807

Sampled: 8/7/2025 11:31

Sample ID: 25H0432-21

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	510	50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/11/25	8/12/25 18:22	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
Methyl Acetate	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/11/25	8/12/25 18:22	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: BP12C-CP-00-20250807

Sampled: 8/7/2025 11:31

Sample ID: 25H0432-21

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	8/11/25	8/12/25 18:22	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:22	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		100		70-130				8/12/25 18:22	
Toluene-d8		97.2		70-130				8/12/25 18:22	
4-Bromofluorobenzene		91.6		70-130				8/12/25 18:22	



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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: BP12C-CP-00-20250807

Sampled: 8/7/2025 11:31

Sample ID: 25H0432-21

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/11/25	8/12/25 18:22	MF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: MW11A-CP-00-20250807

Sampled: 8/7/2025 11:40

Sample ID: 25H0432-22

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	680	50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
Dichlorodifluoromethane (Freon 12)	4.0	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
1,1-Dichloroethane	13	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
1,1-Dichloroethylene	1.0	1.0	µg/L	1	V-05	SW-846 8260D	8/11/25	8/12/25 20:09	MFF
cis-1,2-Dichloroethylene	92	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
Methyl Acetate	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/11/25	8/12/25 20:09	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: MW11A-CP-00-20250807

Sampled: 8/7/2025 11:40

Sample ID: 25H0432-22

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	8/11/25	8/12/25 20:09	MFF
Tetrachloroethylene	8.8	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
Trichloroethylene	9.4	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:09	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		102		70-130				8/12/25 20:09	
Toluene-d8		97.6		70-130				8/12/25 20:09	
4-Bromofluorobenzene		91.9		70-130				8/12/25 20:09	



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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: MW11A-CP-00-20250807

Sampled: 8/7/2025 11:40

Sample ID: 25H0432-22

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/11/25	8/12/25 20:09	MF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: MW11B-CP-00-20250807

Sampled: 8/7/2025 11:45

Sample ID: 25H0432-23

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	150	50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
Benzene	1.9	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
Dichlorodifluoromethane (Freon 12)	3.3	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
1,1-Dichloroethane	19	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
1,2-Dichloroethane	1.7	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
1,1-Dichloroethylene	1.9	1.0	µg/L	1	V-05	SW-846 8260D	8/11/25	8/12/25 18:49	MFF
cis-1,2-Dichloroethylene	36	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
Methyl Acetate	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/11/25	8/12/25 18:49	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: MW11B-CP-00-20250807

Sampled: 8/7/2025 11:45

Sample ID: 25H0432-23

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	8/11/25	8/12/25 18:49	MFF
Tetrachloroethylene	2.8	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
1,1,1-Trichloroethane	2.9	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
Trichloroethylene	5.8	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
Vinyl Chloride	2.9	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:49	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		100	70-130					8/12/25 18:49	
Toluene-d8		99.0	70-130					8/12/25 18:49	
4-Bromofluorobenzene		90.7	70-130					8/12/25 18:49	



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0432

Date Received: 8/8/2025

Field Sample #: MW11B-CP-00-20250807

Sampled: 8/7/2025 11:45

Sample ID: 25H0432-23

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/11/25	8/12/25 18:49	MF

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

Sample Extraction Data

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
25H0432-01 [EW4D-CP-00-20250806]	B411120	5	5.00	08/11/25
25H0432-02 [EW4D-CP-01-20250806]	B411120	5	5.00	08/11/25
25H0432-03 [WT01-CP-00-20250806]	B411120	5	5.00	08/11/25
25H0432-05 [SW1-CP-00-20250806]	B411120	2.5	5.00	08/11/25

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
25H0432-06 [DW1-CP-00-20250806]	B411121	5	5.00	08/11/25
25H0432-07 [EW1A-CP-00-20250806]	B411121	5	5.00	08/11/25
25H0432-08 [EW1B-CP-00-20250806]	B411121	5	5.00	08/11/25
25H0432-09 [EW1C-CP-00-20250806]	B411121	5	5.00	08/11/25
25H0432-10 [DW2-CP-00-20250806]	B411121	5	5.00	08/11/25
25H0432-11 [EW5-CP-00-20250806]	B411121	5	5.00	08/11/25
25H0432-12 [M30BR-CP-00-20250807]	B411121	5	5.00	08/11/25
25H0432-13 [EW7C-CP-00-20250807]	B411121	2.5	5.00	08/11/25
25H0432-14 [EW7D-CP-00-20250807]	B411121	5	5.00	08/11/25
25H0432-15 [EW2A-CP-00-20250807]	B411121	5	5.00	08/11/25
25H0432-16 [EW2B-CP-00-20250807]	B411121	5	5.00	08/11/25
25H0432-17 [EW2C-CP-00-20250807]	B411121	5	5.00	08/11/25
25H0432-18 [EW2D-CP-00-20250807]	B411121	5	5.00	08/11/25
25H0432-19 [MW8A-CP-00-20250807]	B411121	5	5.00	08/11/25
25H0432-20 [BP12B-CP-00-20250807]	B411121	5	5.00	08/11/25
25H0432-21 [BP12C-CP-00-20250807]	B411121	5	5.00	08/11/25
25H0432-22 [MW11A-CP-00-20250807]	B411121	5	5.00	08/11/25
25H0432-23 [MW11B-CP-00-20250807]	B411121	5	5.00	08/11/25

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
25H0432-04 [LF1-CP-00-20250806]	B411129	5	5.00	08/13/25

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B411120 - SW-846 5030B

Blank (B411120-BLK1)

Prepared: 08/11/25 Analyzed: 08/12/25

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

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch B411120 - SW-846 5030B									
Blank (B411120-BLK1)					Prepared: 08/11/25 Analyzed: 08/12/25				
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L						
1,2,3-Trichloropropane	ND	2.0	µg/L						
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L						
1,2,4-Trimethylbenzene	ND	1.0	µg/L						
1,3,5-Trimethylbenzene	ND	1.0	µg/L						
Vinyl Chloride	ND	2.0	µg/L						
m+p Xylene	ND	2.0	µg/L						
o-Xylene	ND	1.0	µg/L						
Xylenes (total)	ND	1.0	µg/L						
Surrogate: 1,2-Dichloroethane-d4	31.9		µg/L	25.00		128	70-130		
Surrogate: Toluene-d8	25.1		µg/L	25.00		100	70-130		
Surrogate: 4-Bromofluorobenzene	23.3		µg/L	25.00		93.2	70-130		
LCS (B411120-BS1)					Prepared: 08/11/25 Analyzed: 08/12/25				
Acetone	111	50	µg/L	100.0		111	70-160		†
Benzene	11.1	1.0	µg/L	10.00		111	70-130		
Bromochloromethane	11.6	1.0	µg/L	10.00		116	70-130		
Bromodichloromethane	10.7	0.50	µg/L	10.00		107	70-130		
Bromoform	9.53	1.0	µg/L	10.00		95.3	70-130		
Bromomethane	8.55	2.0	µg/L	10.00		85.5	40-160	V-05	†
2-Butanone (MEK)	114	20	µg/L	100.0		114	40-160		†
n-Butylbenzene	11.8	1.0	µg/L	10.00		118	70-130		
sec-Butylbenzene	11.8	1.0	µg/L	10.00		118	70-130	V-20	
tert-Butylbenzene	10.8	1.0	µg/L	10.00		108	70-130		
Carbon Disulfide	116	5.0	µg/L	100.0		116	70-130		
Carbon Tetrachloride	10.8	5.0	µg/L	10.00		108	70-130		
Chlorobenzene	10.2	1.0	µg/L	10.00		102	70-130		
Chlorodibromomethane	10.0	0.50	µg/L	10.00		100	70-130		
Chloroethane	10.9	2.0	µg/L	10.00		109	70-130		
Chloroform	10.7	2.0	µg/L	10.00		107	70-130		
Chloromethane	9.65	2.0	µg/L	10.00		96.5	40-160		†
Cyclohexane	11.1	5.0	µg/L	10.00		111	70-130		
1,2-Dibromo-3-chloropropane (DBCP)	12.5	5.0	µg/L	10.00		125	70-130	V-20	
1,2-Dibromoethane (EDB)	10.6	0.50	µg/L	10.00		106	70-130		
1,2-Dichlorobenzene	10.8	1.0	µg/L	10.00		108	70-130		
1,3-Dichlorobenzene	10.7	1.0	µg/L	10.00		107	70-130		
1,4-Dichlorobenzene	10.4	1.0	µg/L	10.00		104	70-130		
Dichlorodifluoromethane (Freon 12)	14.0	2.0	µg/L	10.00		140	40-160	V-20	†
1,1-Dichloroethane	11.3	1.0	µg/L	10.00		113	70-130		
1,2-Dichloroethane	10.6	1.0	µg/L	10.00		106	70-130		
1,1-Dichloroethylene	11.9	1.0	µg/L	10.00		119	70-130		
cis-1,2-Dichloroethylene	11.0	1.0	µg/L	10.00		110	70-130		
trans-1,2-Dichloroethylene	11.4	1.0	µg/L	10.00		114	70-130		
1,2-Dichloropropane	10.5	1.0	µg/L	10.00		105	70-130		
cis-1,3-Dichloropropene	11.0	0.50	µg/L	10.00		110	70-130		
trans-1,3-Dichloropropene	11.2	0.50	µg/L	10.00		112	70-130		
Ethylbenzene	10.5	1.0	µg/L	10.00		105	70-130		
2-Hexanone (MBK)	119	10	µg/L	100.0		119	70-160		†
Isopropylbenzene (Cumene)	10.5	1.0	µg/L	10.00		105	70-130		
p-Isopropyltoluene (p-Cymene)	10.4	1.0	µg/L	10.00		104	70-130		
Methyl Acetate	7.99	1.0	µg/L	10.00		79.9	70-130		V-05
Methyl tert-Butyl Ether (MTBE)	11.6	1.0	µg/L	10.00		116	70-130		

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

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B411120 - SW-846 5030B

LCS (B411120-BS1)

Prepared: 08/11/25 Analyzed: 08/12/25

Methyl Cyclohexane	11.4	1.0	µg/L	10.00		114	70-130			
Methylene Chloride	11.6	5.0	µg/L	10.00		116	70-130			
4-Methyl-2-pentanone (MIBK)	121	10	µg/L	100.0		121	70-160			†
Naphthalene	10.2	2.0	µg/L	10.00		102	40-130			†
n-Propylbenzene	10.7	1.0	µg/L	10.00		107	70-130			
Styrene	10.3	1.0	µg/L	10.00		103	70-130			
1,1,2,2-Tetrachloroethane	10.4	0.50	µg/L	10.00		104	70-130			
Tetrachloroethylene	10.2	1.0	µg/L	10.00		102	70-130			
Toluene	10.9	1.0	µg/L	10.00		109	70-130			
1,2,3-Trichlorobenzene	10.4	5.0	µg/L	10.00		104	70-130			
1,2,4-Trichlorobenzene	10.5	1.0	µg/L	10.00		105	70-130			
1,1,1-Trichloroethane	11.1	1.0	µg/L	10.00		111	70-130			
1,1,2-Trichloroethane	10.3	1.0	µg/L	10.00		103	70-130			
Trichloroethylene	10.1	1.0	µg/L	10.00		101	70-130			
Trichlorofluoromethane (Freon 11)	12.1	2.0	µg/L	10.00		121	70-130			
1,2,3-Trichloropropane	11.4	2.0	µg/L	10.00		114	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.8	1.0	µg/L	10.00		118	70-130			
1,2,4-Trimethylbenzene	11.5	1.0	µg/L	10.00		115	70-130			
1,3,5-Trimethylbenzene	10.8	1.0	µg/L	10.00		108	70-130			
Vinyl Chloride	10.9	2.0	µg/L	10.00		109	40-160			†
m+p Xylene	21.8	2.0	µg/L	20.00		109	70-130			
o-Xylene	10.7	1.0	µg/L	10.00		107	70-130			
Xylenes (total)	32.5	1.0	µg/L	30.00		108	0-200			
Surrogate: 1,2-Dichloroethane-d4	27.8		µg/L	25.00		111	70-130			
Surrogate: Toluene-d8	24.4		µg/L	25.00		97.7	70-130			
Surrogate: 4-Bromofluorobenzene	24.0		µg/L	25.00		95.9	70-130			

LCS Dup (B411120-BS1)

Prepared: 08/11/25 Analyzed: 08/12/25

Acetone	111	50	µg/L	100.0		111	70-160	0.00897	25	†
Benzene	11.3	1.0	µg/L	10.00		113	70-130	1.34	25	
Bromochloromethane	11.6	1.0	µg/L	10.00		116	70-130	0.603	25	
Bromodichloromethane	10.9	0.50	µg/L	10.00		109	70-130	2.23	25	
Bromoform	9.27	1.0	µg/L	10.00		92.7	70-130	2.77	25	
Bromomethane	8.43	2.0	µg/L	10.00		84.3	40-160	1.41	25	V-05 †
2-Butanone (MEK)	118	20	µg/L	100.0		118	40-160	4.00	25	†
n-Butylbenzene	11.8	1.0	µg/L	10.00		118	70-130	0.678	25	
sec-Butylbenzene	12.0	1.0	µg/L	10.00		120	70-130	1.01	25	V-20
tert-Butylbenzene	10.7	1.0	µg/L	10.00		107	70-130	0.466	25	
Carbon Disulfide	113	5.0	µg/L	100.0		113	70-130	2.57	25	
Carbon Tetrachloride	11.0	5.0	µg/L	10.00		110	70-130	1.84	25	
Chlorobenzene	9.83	1.0	µg/L	10.00		98.3	70-130	3.99	25	
Chlorodibromomethane	10.1	0.50	µg/L	10.00		101	70-130	0.795	25	
Chloroethane	10.5	2.0	µg/L	10.00		105	70-130	3.64	25	
Chloroform	10.7	2.0	µg/L	10.00		107	70-130	0.00	25	
Chloromethane	9.76	2.0	µg/L	10.00		97.6	40-160	1.13	25	†
Cyclohexane	11.2	5.0	µg/L	10.00		112	70-130	0.987	25	
1,2-Dibromo-3-chloropropane (DBCP)	12.8	5.0	µg/L	10.00		128	70-130	2.13	25	V-20
1,2-Dibromoethane (EDB)	10.8	0.50	µg/L	10.00		108	70-130	2.52	25	
1,2-Dichlorobenzene	11.4	1.0	µg/L	10.00		114	70-130	4.59	25	
1,3-Dichlorobenzene	11.1	1.0	µg/L	10.00		111	70-130	3.49	25	
1,4-Dichlorobenzene	10.6	1.0	µg/L	10.00		106	70-130	1.99	25	
Dichlorodifluoromethane (Freon 12)	13.2	2.0	µg/L	10.00		132	40-160	5.89	25	V-20 †

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

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B411120 - SW-846 5030B										
LCS Dup (B411120-BSD1)										
					Prepared: 08/11/25 Analyzed: 08/12/25					
1,1-Dichloroethane	11.3	1.0	µg/L	10.00		113	70-130	0.266	25	
1,2-Dichloroethane	10.9	1.0	µg/L	10.00		109	70-130	2.97	25	
1,1-Dichloroethylene	11.6	1.0	µg/L	10.00		116	70-130	2.04	25	
cis-1,2-Dichloroethylene	11.1	1.0	µg/L	10.00		111	70-130	0.271	25	
trans-1,2-Dichloroethylene	10.9	1.0	µg/L	10.00		109	70-130	3.86	25	
1,2-Dichloropropane	10.2	1.0	µg/L	10.00		102	70-130	2.42	25	
cis-1,3-Dichloropropene	11.6	0.50	µg/L	10.00		116	70-130	4.51	25	
trans-1,3-Dichloropropene	11.5	0.50	µg/L	10.00		115	70-130	2.28	25	
Ethylbenzene	10.1	1.0	µg/L	10.00		101	70-130	4.28	25	
2-Hexanone (MBK)	122	10	µg/L	100.0		122	70-160	2.53	25	†
Isopropylbenzene (Cumene)	10.2	1.0	µg/L	10.00		102	70-130	2.70	25	
p-Isopropyltoluene (p-Cymene)	10.6	1.0	µg/L	10.00		106	70-130	1.90	25	
Methyl Acetate	7.98	1.0	µg/L	10.00		79.8	70-130	0.125	25	V-05
Methyl tert-Butyl Ether (MTBE)	11.5	1.0	µg/L	10.00		115	70-130	0.691	25	
Methyl Cyclohexane	11.6	1.0	µg/L	10.00		116	70-130	1.22	25	
Methylene Chloride	11.4	5.0	µg/L	10.00		114	70-130	2.17	25	
4-Methyl-2-pentanone (MIBK)	123	10	µg/L	100.0		123	70-160	1.60	25	†
Naphthalene	10.5	2.0	µg/L	10.00		105	40-130	2.91	25	†
n-Propylbenzene	10.2	1.0	µg/L	10.00		102	70-130	4.99	25	
Styrene	10.0	1.0	µg/L	10.00		100	70-130	2.76	25	
1,1,2,2-Tetrachloroethane	10.2	0.50	µg/L	10.00		102	70-130	2.24	25	
Tetrachloroethylene	10.2	1.0	µg/L	10.00		102	70-130	0.393	25	
Toluene	10.7	1.0	µg/L	10.00		107	70-130	1.11	25	
1,2,3-Trichlorobenzene	10.5	5.0	µg/L	10.00		105	70-130	0.383	25	
1,2,4-Trichlorobenzene	10.2	1.0	µg/L	10.00		102	70-130	2.41	25	
1,1,1-Trichloroethane	11.1	1.0	µg/L	10.00		111	70-130	0.0898	25	
1,1,2-Trichloroethane	10.4	1.0	µg/L	10.00		104	70-130	0.193	25	
Trichloroethylene	10.6	1.0	µg/L	10.00		106	70-130	5.03	25	
Trichlorofluoromethane (Freon 11)	12.2	2.0	µg/L	10.00		122	70-130	1.32	25	
1,2,3-Trichloropropane	11.0	2.0	µg/L	10.00		110	70-130	3.76	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.6	1.0	µg/L	10.00		116	70-130	1.96	25	
1,2,4-Trimethylbenzene	11.5	1.0	µg/L	10.00		115	70-130	0.00	25	
1,3,5-Trimethylbenzene	9.70	1.0	µg/L	10.00		97.0	70-130	10.6	25	
Vinyl Chloride	11.3	2.0	µg/L	10.00		113	40-160	3.97	25	†
m+p Xylene	20.7	2.0	µg/L	20.00		104	70-130	4.94	25	
o-Xylene	10.1	1.0	µg/L	10.00		101	70-130	5.96	25	
Xylenes (total)	30.8	1.0	µg/L	30.00		103	0-200	5.28		
Surrogate: 1,2-Dichloroethane-d4	29.2		µg/L	25.00		117	70-130			
Surrogate: Toluene-d8	25.5		µg/L	25.00		102	70-130			
Surrogate: 4-Bromofluorobenzene	23.9		µg/L	25.00		95.4	70-130			

Batch B411121 - SW-846 5030B

Blank (B411121-BLK1)

Prepared: 08/11/25 Analyzed: 08/12/25

Acetone	ND	50	µg/L							
Benzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
n-Butylbenzene	ND	1.0	µg/L							

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

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B411121 - SW-846 5030B										
Blank (B411121-BLK1)										
					Prepared: 08/11/25 Analyzed: 08/12/25					
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							V-05
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl Acetate	ND	1.0	µg/L							V-05
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methyl Cyclohexane	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							
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							

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

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B411121 - SW-846 5030B										
Blank (B411121-BLK1)										
Prepared: 08/11/25 Analyzed: 08/12/25										
o-Xylene	ND	1.0	µg/L							
Xylenes (total)	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	22.7		µg/L	25.00		90.9	70-130			
Surrogate: Toluene-d8	24.5		µg/L	25.00		97.9	70-130			
Surrogate: 4-Bromofluorobenzene	22.1		µg/L	25.00		88.5	70-130			
LCS (B411121-BS1)										
Prepared: 08/11/25 Analyzed: 08/12/25										
Acetone	80.9	50	µg/L	100.0		80.9	70-160			†
Benzene	10.3	1.0	µg/L	10.00		103	70-130			
Bromochloromethane	10.1	1.0	µg/L	10.00		101	70-130			
Bromodichloromethane	9.45	0.50	µg/L	10.00		94.5	70-130			
Bromoform	9.16	1.0	µg/L	10.00		91.6	70-130			
Bromomethane	9.07	2.0	µg/L	10.00		90.7	40-160			†
2-Butanone (MEK)	92.0	20	µg/L	100.0		92.0	40-160			†
n-Butylbenzene	9.88	1.0	µg/L	10.00		98.8	70-130			
sec-Butylbenzene	11.1	1.0	µg/L	10.00		111	70-130			
tert-Butylbenzene	10.8	1.0	µg/L	10.00		108	70-130			
Carbon Disulfide	91.1	5.0	µg/L	100.0		91.1	70-130			
Carbon Tetrachloride	8.53	5.0	µg/L	10.00		85.3	70-130			
Chlorobenzene	11.0	1.0	µg/L	10.00		110	70-130			
Chlorodibromomethane	9.86	0.50	µg/L	10.00		98.6	70-130			
Chloroethane	8.90	2.0	µg/L	10.00		89.0	70-130			
Chloroform	9.76	2.0	µg/L	10.00		97.6	70-130			
Chloromethane	8.61	2.0	µg/L	10.00		86.1	40-160			†
Cyclohexane	9.59	5.0	µg/L	10.00		95.9	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	8.58	5.0	µg/L	10.00		85.8	70-130			
1,2-Dibromoethane (EDB)	10.4	0.50	µg/L	10.00		104	70-130			
1,2-Dichlorobenzene	10.2	1.0	µg/L	10.00		102	70-130			
1,3-Dichlorobenzene	10.5	1.0	µg/L	10.00		105	70-130			
1,4-Dichlorobenzene	10.4	1.0	µg/L	10.00		104	70-130			
Dichlorodifluoromethane (Freon 12)	10.4	2.0	µg/L	10.00		104	40-160			†
1,1-Dichloroethane	9.90	1.0	µg/L	10.00		99.0	70-130			
1,2-Dichloroethane	9.07	1.0	µg/L	10.00		90.7	70-130			
1,1-Dichloroethylene	7.92	1.0	µg/L	10.00		79.2	70-130			V-05
cis-1,2-Dichloroethylene	9.49	1.0	µg/L	10.00		94.9	70-130			
trans-1,2-Dichloroethylene	8.70	1.0	µg/L	10.00		87.0	70-130			
1,2-Dichloropropane	9.98	1.0	µg/L	10.00		99.8	70-130			
cis-1,3-Dichloropropene	9.69	0.50	µg/L	10.00		96.9	70-130			
trans-1,3-Dichloropropene	10.7	0.50	µg/L	10.00		107	70-130			
Ethylbenzene	11.0	1.0	µg/L	10.00		110	70-130			
2-Hexanone (MBK)	87.2	10	µg/L	100.0		87.2	70-160			†
Isopropylbenzene (Cumene)	11.2	1.0	µg/L	10.00		112	70-130			
p-Isopropyltoluene (p-Cymene)	10.7	1.0	µg/L	10.00		107	70-130			
Methyl Acetate	6.98	1.0	µg/L	10.00		69.8 *	70-130			V-05, L-07
Methyl tert-Butyl Ether (MTBE)	9.26	1.0	µg/L	10.00		92.6	70-130			
Methyl Cyclohexane	11.3	1.0	µg/L	10.00		113	70-130			
Methylene Chloride	9.08	5.0	µg/L	10.00		90.8	70-130			
4-Methyl-2-pentanone (MIBK)	91.3	10	µg/L	100.0		91.3	70-160			†
Naphthalene	9.72	2.0	µg/L	10.00		97.2	40-130			†
n-Propylbenzene	11.1	1.0	µg/L	10.00		111	70-130			
Styrene	10.9	1.0	µg/L	10.00		109	70-130			
1,1,2,2-Tetrachloroethane	9.86	0.50	µg/L	10.00		98.6	70-130			

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

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B411121 - SW-846 5030B										
LCS (B411121-BS1)										
					Prepared: 08/11/25 Analyzed: 08/12/25					
Tetrachloroethylene	11.0	1.0	µg/L	10.00		110	70-130			
Toluene	10.6	1.0	µg/L	10.00		106	70-130			
1,2,3-Trichlorobenzene	11.6	5.0	µg/L	10.00		116	70-130			
1,2,4-Trichlorobenzene	10.7	1.0	µg/L	10.00		107	70-130			
1,1,1-Trichloroethane	9.86	1.0	µg/L	10.00		98.6	70-130			
1,1,2-Trichloroethane	10.4	1.0	µg/L	10.00		104	70-130			
Trichloroethylene	10.6	1.0	µg/L	10.00		106	70-130			
Trichlorofluoromethane (Freon 11)	9.17	2.0	µg/L	10.00		91.7	70-130			
1,2,3-Trichloropropane	8.37	2.0	µg/L	10.00		83.7	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.41	1.0	µg/L	10.00		84.1	70-130			
1,2,4-Trimethylbenzene	10.5	1.0	µg/L	10.00		105	70-130			
1,3,5-Trimethylbenzene	11.0	1.0	µg/L	10.00		110	70-130			
Vinyl Chloride	9.40	2.0	µg/L	10.00		94.0	40-160			†
m+p Xylene	21.4	2.0	µg/L	20.00		107	70-130			
o-Xylene	10.8	1.0	µg/L	10.00		108	70-130			
Xylenes (total)	32.2	1.0	µg/L	30.00		107	0-200			
Surrogate: 1,2-Dichloroethane-d4	21.9		µg/L	25.00		87.8	70-130			
Surrogate: Toluene-d8	25.0		µg/L	25.00		99.9	70-130			
Surrogate: 4-Bromofluorobenzene	24.0		µg/L	25.00		96.0	70-130			
LCS Dup (B411121-BSD1)										
					Prepared: 08/11/25 Analyzed: 08/12/25					
Acetone	82.2	50	µg/L	100.0		82.2	70-160	1.56	25	†
Benzene	10.6	1.0	µg/L	10.00		106	70-130	2.96	25	
Bromochloromethane	10.9	1.0	µg/L	10.00		109	70-130	7.44	25	
Bromodichloromethane	10.6	0.50	µg/L	10.00		106	70-130	11.7	25	
Bromoform	10.3	1.0	µg/L	10.00		103	70-130	11.6	25	
Bromomethane	9.16	2.0	µg/L	10.00		91.6	40-160	0.987	25	†
2-Butanone (MEK)	94.9	20	µg/L	100.0		94.9	40-160	3.02	25	†
n-Butylbenzene	11.2	1.0	µg/L	10.00		112	70-130	12.2	25	
sec-Butylbenzene	11.6	1.0	µg/L	10.00		116	70-130	4.59	25	
tert-Butylbenzene	11.8	1.0	µg/L	10.00		118	70-130	9.31	25	
Carbon Disulfide	94.5	5.0	µg/L	100.0		94.5	70-130	3.65	25	
Carbon Tetrachloride	8.89	5.0	µg/L	10.00		88.9	70-130	4.13	25	
Chlorobenzene	11.9	1.0	µg/L	10.00		119	70-130	7.50	25	
Chlorodibromomethane	10.5	0.50	µg/L	10.00		105	70-130	6.19	25	
Chloroethane	8.50	2.0	µg/L	10.00		85.0	70-130	4.60	25	
Chloroform	10.2	2.0	µg/L	10.00		102	70-130	4.31	25	
Chloromethane	8.47	2.0	µg/L	10.00		84.7	40-160	1.64	25	†
Cyclohexane	10.1	5.0	µg/L	10.00		101	70-130	4.78	25	
1,2-Dibromo-3-chloropropane (DBCP)	8.34	5.0	µg/L	10.00		83.4	70-130	2.84	25	
1,2-Dibromoethane (EDB)	11.0	0.50	µg/L	10.00		110	70-130	5.70	25	
1,2-Dichlorobenzene	10.7	1.0	µg/L	10.00		107	70-130	5.56	25	
1,3-Dichlorobenzene	11.2	1.0	µg/L	10.00		112	70-130	5.90	25	
1,4-Dichlorobenzene	10.7	1.0	µg/L	10.00		107	70-130	2.18	25	
Dichlorodifluoromethane (Freon 12)	10.5	2.0	µg/L	10.00		105	40-160	1.34	25	†
1,1-Dichloroethane	10.3	1.0	µg/L	10.00		103	70-130	3.57	25	
1,2-Dichloroethane	9.97	1.0	µg/L	10.00		99.7	70-130	9.45	25	
1,1-Dichloroethylene	8.49	1.0	µg/L	10.00		84.9	70-130	6.95	25	V-05
cis-1,2-Dichloroethylene	10.0	1.0	µg/L	10.00		100	70-130	5.43	25	
trans-1,2-Dichloroethylene	9.04	1.0	µg/L	10.00		90.4	70-130	3.83	25	
1,2-Dichloropropane	10.6	1.0	µg/L	10.00		106	70-130	6.40	25	
cis-1,3-Dichloropropene	10.7	0.50	µg/L	10.00		107	70-130	10.2	25	

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

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B411121 - SW-846 5030B										
LCS Dup (B411121-BSD1)										
Prepared: 08/11/25 Analyzed: 08/12/25										
trans-1,3-Dichloropropene	11.4	0.50	µg/L	10.00		114	70-130	6.07	25	
Ethylbenzene	12.1	1.0	µg/L	10.00		121	70-130	9.42	25	
2-Hexanone (MBK)	97.3	10	µg/L	100.0		97.3	70-160	10.9	25	†
Isopropylbenzene (Cumene)	12.3	1.0	µg/L	10.00		123	70-130	8.77	25	
p-Isopropyltoluene (p-Cymene)	11.4	1.0	µg/L	10.00		114	70-130	6.36	25	
Methyl Acetate	7.39	1.0	µg/L	10.00		73.9	70-130	5.71	25	V-05
Methyl tert-Butyl Ether (MTBE)	9.57	1.0	µg/L	10.00		95.7	70-130	3.29	25	
Methyl Cyclohexane	12.0	1.0	µg/L	10.00		120	70-130	6.18	25	
Methylene Chloride	9.05	5.0	µg/L	10.00		90.5	70-130	0.331	25	
4-Methyl-2-pentanone (MIBK)	98.0	10	µg/L	100.0		98.0	70-160	7.13	25	†
Naphthalene	10.6	2.0	µg/L	10.00		106	40-130	8.57	25	†
n-Propylbenzene	11.9	1.0	µg/L	10.00		119	70-130	7.56	25	
Styrene	11.9	1.0	µg/L	10.00		119	70-130	8.25	25	
1,1,2,2-Tetrachloroethane	10.2	0.50	µg/L	10.00		102	70-130	3.78	25	
Tetrachloroethylene	12.0	1.0	µg/L	10.00		120	70-130	9.13	25	
Toluene	11.6	1.0	µg/L	10.00		116	70-130	8.37	25	
1,2,3-Trichlorobenzene	11.9	5.0	µg/L	10.00		119	70-130	3.24	25	
1,2,4-Trichlorobenzene	12.1	1.0	µg/L	10.00		121	70-130	12.3	25	
1,1,1-Trichloroethane	10.0	1.0	µg/L	10.00		100	70-130	1.61	25	
1,1,2-Trichloroethane	11.6	1.0	µg/L	10.00		116	70-130	10.4	25	
Trichloroethylene	11.2	1.0	µg/L	10.00		112	70-130	5.80	25	
Trichlorofluoromethane (Freon 11)	9.58	2.0	µg/L	10.00		95.8	70-130	4.37	25	
1,2,3-Trichloropropane	9.36	2.0	µg/L	10.00		93.6	70-130	11.2	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.15	1.0	µg/L	10.00		91.5	70-130	8.43	25	
1,2,4-Trimethylbenzene	11.2	1.0	µg/L	10.00		112	70-130	6.82	25	
1,3,5-Trimethylbenzene	12.0	1.0	µg/L	10.00		120	70-130	8.90	25	
Vinyl Chloride	9.95	2.0	µg/L	10.00		99.5	40-160	5.68	25	†
m+p Xylene	23.5	2.0	µg/L	20.00		117	70-130	9.23	25	
o-Xylene	11.8	1.0	µg/L	10.00		118	70-130	8.58	25	
Xylenes (total)	35.3	1.0	µg/L	30.00		118	0-200	9.01		
Surrogate: 1,2-Dichloroethane-d4	21.7		µg/L	25.00		86.6	70-130			
Surrogate: Toluene-d8	25.3		µg/L	25.00		101	70-130			
Surrogate: 4-Bromofluorobenzene	25.6		µg/L	25.00		102	70-130			

Batch B411129 - SW-846 5030B

Blank (B411129-BLK1)

Prepared: 08/11/25 Analyzed: 08/14/25

Acetone	ND	50	µg/L							
Benzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
Carbon Disulfide	ND	5.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							

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

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B411129 - SW-846 5030B										
Blank (B411129-BLK1)										
Prepared: 08/11/25 Analyzed: 08/14/25										
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							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,2,3-Trichloropropane	ND	2.0	µg/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L							
1,2,4-Trimethylbenzene	ND	1.0	µg/L							
1,3,5-Trimethylbenzene	ND	1.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	1.0	µg/L							
Xylenes (total)	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	25.7		µg/L	25.00		103	70-130			
Surrogate: Toluene-d8	25.4		µg/L	25.00		102	70-130			
Surrogate: 4-Bromofluorobenzene	24.2		µg/L	25.00		96.8	70-130			

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

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B411129 - SW-846 5030B										
LCS (B411129-BS1)										
					Prepared: 08/11/25 Analyzed: 08/14/25					
Acetone	93.4	50	µg/L	100.0		93.4	70-160			†
Benzene	11.2	1.0	µg/L	10.00		112	70-130			
Bromochloromethane	11.6	1.0	µg/L	10.00		116	70-130			
Bromodichloromethane	10.2	0.50	µg/L	10.00		102	70-130			
Bromoform	8.65	1.0	µg/L	10.00		86.5	70-130			
Bromomethane	9.03	2.0	µg/L	10.00		90.3	40-160			†
2-Butanone (MEK)	103	20	µg/L	100.0		103	40-160			†
n-Butylbenzene	10.2	1.0	µg/L	10.00		102	70-130			
sec-Butylbenzene	11.3	1.0	µg/L	10.00		113	70-130			
tert-Butylbenzene	11.1	1.0	µg/L	10.00		111	70-130			
Carbon Disulfide	111	5.0	µg/L	100.0		111	70-130			
Carbon Tetrachloride	9.44	5.0	µg/L	10.00		94.4	70-130			
Chlorobenzene	10.6	1.0	µg/L	10.00		106	70-130			
Chlorodibromomethane	9.72	0.50	µg/L	10.00		97.2	70-130			
Chloroethane	9.05	2.0	µg/L	10.00		90.5	70-130			
Chloroform	11.0	2.0	µg/L	10.00		110	70-130			
Chloromethane	10.2	2.0	µg/L	10.00		102	40-160			†
Cyclohexane	10.9	5.0	µg/L	10.00		109	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	8.54	5.0	µg/L	10.00		85.4	70-130			
1,2-Dibromoethane (EDB)	10.4	0.50	µg/L	10.00		104	70-130			
1,2-Dichlorobenzene	10.8	1.0	µg/L	10.00		108	70-130			
1,3-Dichlorobenzene	10.9	1.0	µg/L	10.00		109	70-130			
1,4-Dichlorobenzene	10.5	1.0	µg/L	10.00		105	70-130			
Dichlorodifluoromethane (Freon 12)	14.4	2.0	µg/L	10.00		144	40-160			V-20 †
1,1-Dichloroethane	10.7	1.0	µg/L	10.00		107	70-130			
1,2-Dichloroethane	10.5	1.0	µg/L	10.00		105	70-130			
1,1-Dichloroethylene	8.86	1.0	µg/L	10.00		88.6	70-130			
cis-1,2-Dichloroethylene	10.3	1.0	µg/L	10.00		103	70-130			
trans-1,2-Dichloroethylene	9.64	1.0	µg/L	10.00		96.4	70-130			
1,2-Dichloropropane	10.2	1.0	µg/L	10.00		102	70-130			
cis-1,3-Dichloropropene	10.1	0.50	µg/L	10.00		101	70-130			
trans-1,3-Dichloropropene	10.8	0.50	µg/L	10.00		108	70-130			
Ethylbenzene	10.7	1.0	µg/L	10.00		107	70-130			
2-Hexanone (MBK)	90.1	10	µg/L	100.0		90.1	70-160			†
Isopropylbenzene (Cumene)	10.6	1.0	µg/L	10.00		106	70-130			
p-Isopropyltoluene (p-Cymene)	11.2	1.0	µg/L	10.00		112	70-130			
Methyl Acetate	7.98	1.0	µg/L	10.00		79.8	70-130			
Methyl tert-Butyl Ether (MTBE)	10.3	1.0	µg/L	10.00		103	70-130			
Methyl Cyclohexane	12.1	1.0	µg/L	10.00		121	70-130			V-20
Methylene Chloride	9.81	5.0	µg/L	10.00		98.1	70-130			
4-Methyl-2-pentanone (MIBK)	91.5	10	µg/L	100.0		91.5	70-160			†
Naphthalene	8.74	2.0	µg/L	10.00		87.4	40-130			†
n-Propylbenzene	10.7	1.0	µg/L	10.00		107	70-130			
Styrene	10.5	1.0	µg/L	10.00		105	70-130			
1,1,2,2-Tetrachloroethane	9.12	0.50	µg/L	10.00		91.2	70-130			
Tetrachloroethylene	11.1	1.0	µg/L	10.00		111	70-130			
Toluene	10.4	1.0	µg/L	10.00		104	70-130			
1,2,3-Trichlorobenzene	11.3	5.0	µg/L	10.00		113	70-130			
1,2,4-Trichlorobenzene	11.0	1.0	µg/L	10.00		110	70-130			
1,1,1-Trichloroethane	10.9	1.0	µg/L	10.00		109	70-130			
1,1,2-Trichloroethane	10.1	1.0	µg/L	10.00		101	70-130			
Trichloroethylene	10.6	1.0	µg/L	10.00		106	70-130			

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

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B411129 - SW-846 5030B										
LCS (B411129-BS1)										
					Prepared: 08/11/25 Analyzed: 08/14/25					
Trichlorofluoromethane (Freon 11)	10.7	2.0	µg/L	10.00		107	70-130			
1,2,3-Trichloropropane	8.37	2.0	µg/L	10.00		83.7	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.6	1.0	µg/L	10.00		106	70-130			
1,2,4-Trimethylbenzene	10.6	1.0	µg/L	10.00		106	70-130			
1,3,5-Trimethylbenzene	10.4	1.0	µg/L	10.00		104	70-130			
Vinyl Chloride	10.5	2.0	µg/L	10.00		105	40-160			†
m+p Xylene	20.9	2.0	µg/L	20.00		104	70-130			
o-Xylene	10.4	1.0	µg/L	10.00		104	70-130			
Xylenes (total)	31.3	1.0	µg/L	30.00		104	0-200			
Surrogate: 1,2-Dichloroethane-d4	26.4		µg/L	25.00		106	70-130			
Surrogate: Toluene-d8	24.5		µg/L	25.00		98.0	70-130			
Surrogate: 4-Bromofluorobenzene	24.3		µg/L	25.00		97.3	70-130			
LCS Dup (B411129-BSD1)										
					Prepared: 08/11/25 Analyzed: 08/14/25					
Acetone	93.5	50	µg/L	100.0		93.5	70-160	0.0535	25	†
Benzene	11.2	1.0	µg/L	10.00		112	70-130	0.179	25	
Bromochloromethane	12.3	1.0	µg/L	10.00		123	70-130	6.11	25	
Bromodichloromethane	10.7	0.50	µg/L	10.00		107	70-130	5.55	25	
Bromoform	9.18	1.0	µg/L	10.00		91.8	70-130	5.95	25	
Bromomethane	9.94	2.0	µg/L	10.00		99.4	40-160	9.59	25	†
2-Butanone (MEK)	106	20	µg/L	100.0		106	40-160	3.74	25	†
n-Butylbenzene	11.2	1.0	µg/L	10.00		112	70-130	8.95	25	
sec-Butylbenzene	11.4	1.0	µg/L	10.00		114	70-130	0.968	25	
tert-Butylbenzene	11.4	1.0	µg/L	10.00		114	70-130	3.20	25	
Carbon Disulfide	117	5.0	µg/L	100.0		117	70-130	5.49	25	
Carbon Tetrachloride	9.86	5.0	µg/L	10.00		98.6	70-130	4.35	25	
Chlorobenzene	10.9	1.0	µg/L	10.00		109	70-130	2.61	25	
Chlorodibromomethane	10.0	0.50	µg/L	10.00		100	70-130	3.24	25	
Chloroethane	9.36	2.0	µg/L	10.00		93.6	70-130	3.37	25	
Chloroform	11.3	2.0	µg/L	10.00		113	70-130	2.78	25	
Chloromethane	10.8	2.0	µg/L	10.00		108	40-160	6.18	25	†
Cyclohexane	11.4	5.0	µg/L	10.00		114	70-130	3.86	25	
1,2-Dibromo-3-chloropropane (DBCP)	8.62	5.0	µg/L	10.00		86.2	70-130	0.932	25	
1,2-Dibromoethane (EDB)	10.7	0.50	µg/L	10.00		107	70-130	2.65	25	
1,2-Dichlorobenzene	10.2	1.0	µg/L	10.00		102	70-130	5.81	25	
1,3-Dichlorobenzene	10.7	1.0	µg/L	10.00		107	70-130	1.76	25	
1,4-Dichlorobenzene	10.6	1.0	µg/L	10.00		106	70-130	0.760	25	
Dichlorodifluoromethane (Freon 12)	14.5	2.0	µg/L	10.00		145	40-160	0.485	25	V-20 †
1,1-Dichloroethane	11.4	1.0	µg/L	10.00		114	70-130	5.62	25	
1,2-Dichloroethane	10.9	1.0	µg/L	10.00		109	70-130	4.01	25	
1,1-Dichloroethylene	9.19	1.0	µg/L	10.00		91.9	70-130	3.66	25	
cis-1,2-Dichloroethylene	11.1	1.0	µg/L	10.00		111	70-130	7.45	25	
trans-1,2-Dichloroethylene	10.2	1.0	µg/L	10.00		102	70-130	5.74	25	
1,2-Dichloropropane	10.8	1.0	µg/L	10.00		108	70-130	5.72	25	
cis-1,3-Dichloropropene	10.3	0.50	µg/L	10.00		103	70-130	1.95	25	
trans-1,3-Dichloropropene	11.2	0.50	µg/L	10.00		112	70-130	3.19	25	
Ethylbenzene	11.2	1.0	µg/L	10.00		112	70-130	5.11	25	
2-Hexanone (MBK)	94.3	10	µg/L	100.0		94.3	70-160	4.63	25	†
Isopropylbenzene (Cumene)	11.3	1.0	µg/L	10.00		113	70-130	6.04	25	
p-Isopropyltoluene (p-Cymene)	10.8	1.0	µg/L	10.00		108	70-130	4.00	25	
Methyl Acetate	7.71	1.0	µg/L	10.00		77.1	70-130	3.44	25	
Methyl tert-Butyl Ether (MTBE)	10.3	1.0	µg/L	10.00		103	70-130	0.486	25	

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

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B411129 - SW-846 5030B										
LCS Dup (B411129-BSD1)										
					Prepared: 08/11/25 Analyzed: 08/14/25					
Methyl Cyclohexane	12.3	1.0	µg/L	10.00		123	70-130	1.72	25	V-20
Methylene Chloride	10.4	5.0	µg/L	10.00		104	70-130	6.03	25	
4-Methyl-2-pentanone (MIBK)	97.2	10	µg/L	100.0		97.2	70-160	6.09	25	†
Naphthalene	9.28	2.0	µg/L	10.00		92.8	40-130	5.99	25	†
n-Propylbenzene	11.4	1.0	µg/L	10.00		114	70-130	6.18	25	
Styrene	10.8	1.0	µg/L	10.00		108	70-130	3.19	25	
1,1,2,2-Tetrachloroethane	9.47	0.50	µg/L	10.00		94.7	70-130	3.77	25	
Tetrachloroethylene	11.7	1.0	µg/L	10.00		117	70-130	5.17	25	
Toluene	11.0	1.0	µg/L	10.00		110	70-130	6.45	25	
1,2,3-Trichlorobenzene	11.0	5.0	µg/L	10.00		110	70-130	2.60	25	
1,2,4-Trichlorobenzene	10.6	1.0	µg/L	10.00		106	70-130	4.35	25	
1,1,1-Trichloroethane	11.4	1.0	µg/L	10.00		114	70-130	4.83	25	
1,1,2-Trichloroethane	10.4	1.0	µg/L	10.00		104	70-130	3.31	25	
Trichloroethylene	11.2	1.0	µg/L	10.00		112	70-130	5.50	25	
Trichlorofluoromethane (Freon 11)	11.3	2.0	µg/L	10.00		113	70-130	5.45	25	
1,2,3-Trichloropropane	8.83	2.0	µg/L	10.00		88.3	70-130	5.35	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2	1.0	µg/L	10.00		102	70-130	3.36	25	
1,2,4-Trimethylbenzene	11.0	1.0	µg/L	10.00		110	70-130	3.69	25	
1,3,5-Trimethylbenzene	11.0	1.0	µg/L	10.00		110	70-130	5.34	25	
Vinyl Chloride	11.2	2.0	µg/L	10.00		112	40-160	6.52	25	†
m+p Xylene	22.2	2.0	µg/L	20.00		111	70-130	6.26	25	
o-Xylene	11.3	1.0	µg/L	10.00		113	70-130	7.94	25	
Xylenes (total)	33.5	1.0	µg/L	30.00		112	0-200	6.82		
Surrogate: 1,2-Dichloroethane-d4	26.3		µg/L	25.00		105	70-130			
Surrogate: Toluene-d8	24.9		µg/L	25.00		99.8	70-130			
Surrogate: 4-Bromofluorobenzene	24.6		µg/L	25.00		98.4	70-130			



Pace Analytical Services, LLC - East Longmeadow, Ma

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

QUALITY CONTROL**Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED) - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B411120 - SW-846 5030B										
Blank (B411120-BLK1)										
					Prepared: 08/11/25 Analyzed: 08/12/25					
No TICs Found	0.0		µg/L							
Batch B411121 - SW-846 5030B										
Blank (B411121-BLK1)										
					Prepared: 08/11/25 Analyzed: 08/12/25					
No TICs Found	0.0		µg/L							
Batch B411129 - SW-846 5030B										
Blank (B411129-BLK1)										
					Prepared: 08/11/25 Analyzed: 08/14/25					
No TICs Found	0.0		µg/L							

FLAG/QUALIFIER SUMMARY

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

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260D in Water</i>	
Acetone	CT,ME,NH,VA,NY,NJ
Benzene	CT,ME,NH,VA,NY,NJ
Bromochloromethane	ME,NH,VA,NY,NJ
Bromodichloromethane	CT,ME,NH,VA,NY,NJ
Bromoform	CT,ME,NH,VA,NY,NJ
Bromomethane	CT,ME,NH,VA,NY,NJ
2-Butanone (MEK)	CT,ME,NH,VA,NY,NJ
n-Butylbenzene	ME,VA,NY,NJ
sec-Butylbenzene	ME,VA,NY,NJ
tert-Butylbenzene	ME,VA,NY,NJ
Carbon Disulfide	CT,ME,NH,VA,NY,NJ
Carbon Tetrachloride	CT,ME,NH,VA,NY,NJ
Chlorobenzene	CT,ME,NH,VA,NY,NJ
Chlorodibromomethane	CT,ME,NH,VA,NY,NJ
Chloroethane	CT,ME,NH,VA,NY,NJ
Chloroform	CT,ME,NH,VA,NY,NJ
Chloromethane	CT,ME,NH,VA,NY,NJ
Cyclohexane	ME,NY,NJ
1,2-Dibromo-3-chloropropane (DBCP)	ME,NY,NJ
1,2-Dibromoethane (EDB)	ME,NY,NJ
1,2-Dichlorobenzene	CT,ME,NH,VA,NY,NJ
1,3-Dichlorobenzene	CT,ME,NH,VA,NY,NJ
1,4-Dichlorobenzene	CT,ME,NH,VA,NY,NJ
Dichlorodifluoromethane (Freon 12)	ME,NH,VA,NY,NJ
1,1-Dichloroethane	CT,ME,NH,VA,NY,NJ
1,2-Dichloroethane	CT,ME,NH,VA,NY,NJ
1,1-Dichloroethylene	CT,ME,NH,VA,NY,NJ
cis-1,2-Dichloroethylene	ME,NY,NJ
trans-1,2-Dichloroethylene	CT,ME,NH,VA,NY,NJ
1,2-Dichloropropane	CT,ME,NH,VA,NY,NJ
cis-1,3-Dichloropropene	CT,ME,NH,VA,NY,NJ
trans-1,3-Dichloropropene	CT,ME,NH,VA,NY,NJ
Ethylbenzene	CT,ME,NH,VA,NY,NJ
2-Hexanone (MBK)	CT,ME,NH,VA,NY,NJ
Isopropylbenzene (Cumene)	ME,VA,NY,NJ
p-Isopropyltoluene (p-Cymene)	CT,ME,NH,VA,NY,NJ
Methyl Acetate	ME,NY,NJ
Methyl tert-Butyl Ether (MTBE)	CT,ME,NH,VA,NY,NJ
Methyl Cyclohexane	NY,NJ
Methylene Chloride	CT,ME,NH,VA,NY,NJ
4-Methyl-2-pentanone (MIBK)	CT,ME,NH,VA,NY,NJ
Naphthalene	ME,NH,VA,NY,NJ
n-Propylbenzene	CT,ME,NH,VA,NY,NJ
Styrene	CT,ME,NH,VA,NY,NJ
1,1,2,2-Tetrachloroethane	CT,ME,NH,VA,NY,NJ
Tetrachloroethylene	CT,ME,NH,VA,NY,NJ
Toluene	CT,ME,NH,VA,NY,NJ

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260D in Water</i>	
1,2,3-Trichlorobenzene	ME,NH,VA,NY,NJ
1,2,4-Trichlorobenzene	CT,ME,NH,VA,NY,NJ
1,1,1-Trichloroethane	CT,ME,NH,VA,NY,NJ
1,1,2-Trichloroethane	CT,ME,NH,VA,NY,NJ
Trichloroethylene	CT,ME,NH,VA,NY,NJ
Trichlorofluoromethane (Freon 11)	CT,ME,NH,VA,NY,NJ
1,2,3-Trichloropropane	ME,NH,VA,NY,NJ
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	VA,NY,NJ
1,2,4-Trimethylbenzene	ME,VA,NY,NJ
1,3,5-Trimethylbenzene	ME,VA,NY,NJ
Vinyl Chloride	CT,ME,NH,VA,NY,NJ
m+p Xylene	CT,ME,NH,VA,NY,NJ
o-Xylene	CT,ME,NH,VA,NY,NJ
Xylenes (total)	ME,NY,NJ

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

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

5

Sampler(s): Rebecca Britt *Rebecca Britt* **Emily Lewis** *Emily Lewis* **Sean Booth** *Sean Booth* **25H0432**

Contact: Michael Grifasi **Laboratory:** East Longmeadow

Address: 333 West Washington Street
Syracuse, New York 13221-4873

Phone: (315) 956-6100

E-mail: michael.grifasi@ramboll.com

Project: NYSDEC Claremont Polychemical Site Q1 Sampling

Location: Old Bethpage, New York

Attn: **Phone:**

Holding Time:

Package Requirement: Level 2 and Level 3

EDD Format: EQUS 4-file

Analysis Required

Unique Field Sample ID (sys_sample_code)	Sample Location	Date	Time	Sample Type (See Key)	Sample Matrix (See Key)	Number of Containers	Grab [G] or Composite [C]	Field Filtered? (Y/N)	Preservatives: (see key at bottom)		Lab Sample ID:
									1	2	
1 EW4D-CP-00-20250806	EW-4D	8/6/2025	11:42	N	WG	3	G	N			
2 EW4D-CP-01-20250806	EW-4D	8/6/2025	11:42	FD	WG	3	G	N			
3 WT01-CP-00-20250806	WT-01	8/6/2025	12:00	N	WG	3	G	N			
4 LF1-CP-00-20250806	LF-1	8/6/2025	10:33	N	WG	3	G	N			
5 SW1-CP-00-20250806	SW-1	8/6/2025	9:30	N	WG	3	G	N			
6 DW1-CP-00-20250806	DW-1	8/6/2025	9:40	N	WG	3	G	N			
7 EW1A-CP-00-20250806	EW1A	8/6/2025	9:55	N	WG	3	G	N			
8 EW1B-CP-00-20250806	EW-1B	8/6/2025	10:05	N	WG	3	G	N			
9 EW1C-CP-00-20250806	EW-1C	8/6/2025	10:15	N	WG	3	G	N			
10 DW2-CP-00-20250806	DW-2	8/6/2025	9:06	N	WG	3	G	N			
11 EW5-CP-00-20250806	EW-5	8/6/2025	8:55	N	WG	3	G	N			
12 M308R-CP-00-20250807	M-308R	8/7/2025	8:30	N	WG	3	G	N			
13 EW7C-CP-00-20250807	EW-7C	8/7/2025	9:00	N	WG	3	G	N			
14 EW7D-CP-00-20250807	EW-7D	8/7/2025	9:05	N	WG	3	G	N			

Special Instructions:

Use the top boxes if the samples are to be shipped via courier (e.g., Fed Ex)

Relinquished by: Sean Booth **Date:** 8/7/25

Relinquished by: *[Signature]* **Date:** 8/7/25

Relinquished by: *[Signature]* **Date:** 8/7/25

Courier Name: FedEx **Tracking #:** M0 A Pace **Date:** 8/7/25

Received By: *[Signature]* **Date:** 8/7/25

Time: 12:39

Condition:

Custody Seals Intact? (If so, indicate the #, date, and time of the seal)

Cooler Temperature: 1.9 (W)

Other comments or notes regarding condition of samples as received:

Lab Sample ID:

1.9 **(W)**

ans **8/7/25** **22:25**

ans **8/18/25** **3:45** **ans** **8/18/25** **1:4, 1.8** **8/8/25** **3:45**

1.9 **(W)**

Page 93 of 97

Chain of Custody / Analysis Report

Sampler(s): *Rebecca Britt* Laboratory: *East Longmeadow* Holding Time: *19:03* Page 4 of 7

Contact: Michael Griffasi Emily Lewis Sean Booth

Address: 333 West Washington Street East Longmeadow

Phone: (315) 956-6100

E-mail: michael.grifasi@ramboll.com

Project: NYSDEC Claremont Polychemical Site Q1 Sampling

Location: Old Bethpage, New York

Attn: Phone: Package Requirement: Level 2 and Level 3

EDD Format: EQUIS 4-file

Unique Field Sample ID (sys_sample_code)	Sample Location	Date	Time	Sample Type (See Key)	Sample Matrix (See Key)	Number of Containers	Grab [g] or Composite [C]	Field Filtered? (Y/N)	Analysis Required		Lab Sample ID:
									Preservatives: (see key at bottom)	Job Number:	
15	EW2A-CP-00-20250807	8/7/2025	10:00	N	WG	3	G	N			
16	EW2B-CP-00-20250807	8/7/2025	10:01	N	WG	3	G	N			
17	EW2C-CP-00-20250807	8/7/2025	10:02	N	WG	3	G	N			
18	EW2D-CP-00-20250807	8/7/2025	10:03	N	WG	3	G	N			
19	MW8A-CP-00-20250807	8/7/2025	10:20	N	WG	3	G	N			
20	BP12B-CP-00-20250807	8/7/2025	11:30	N	WG	3	G	N			
21	BP12C-CP-00-20250807	8/7/2025	11:31	N	WG	3	G	N			
22	MW11A-CP-00-20250807	8/7/2025	11:40	N	WG	3	G	N			
23	MW11B-CP-00-20250807	8/7/2025	11:45	N	WG	3	G	N			
10											
11											
12											
13											
14											

Special Instructions: Use the top boxes if the samples are to be shipped via courier (e.g., Fed Ex)

Relinquished by: *Sean Booth* Courier Name: *MO A Pace* Date: *8/7/25*

Of: *Ramboll* Tracking #: *19:03* Time: *19:03*

Relinquished by: *P.L.I.* Courier Name: *P.L.I.* Date: *8/7/25*

Of: *P.L.I.* Tracking #: *18:00* Time: *18:00*


Courier Name: *FedEx* Received By: *P.L.I.* Date: *8/7/25*

Time: *12:59*

Condition: *1.9 (W)*

Other comments or notes regarding condition of samples as received:


22-25 8/18/25 0.4, 0.9, 1.4, 1.8 8/18/25 395

	DC#_Title: ENV-FRM-ELON-0001 v08_Sample Receiving Checklist
	Effective Date: 06/11/2024

20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	Sample				
																				Soils Jars	(Circle Amb/Clear)			
																					16oz Amb/Clear	Soils Jars		
																					8oz Amb/Clear		(Circle Amb/Clear)	
																					4oz Amb/Clear			Soils Jars
																					2oz Amb/Clear			
																					Unpreserved	Ambers		
																					HCL		Ambers	
																					Sulfuric			Ambers
																					Sulfuric			
																					Phosphoric	Ambers		
																					HCl		Ambers	
																					Unpreserved			Plastics
																					Unpreserved			
																					Sulfuric	Plastics		
																					Unpreserved		Plastics	
																					Sulfuric			Plastics
																					Unpreserved			
																					Trizma	Plastics		
																					Sulfuric		Plastics	
																					Nitric			Plastics
																					NaOH			
																					Ammonium Acetate	Plastics		
																					NaOH/Zinc		Plastics	
																					Unpreserved			VOA Vials
																					HCl			
																					MeOH	VOA Vials		
																					D.I. Water		VOA Vials	
																					BiSulfate			VOA Vials
																					Col/Bact			
																						Other / Fill in		
																							Other / Fill in	
																								Other / Fill in

3 D

3

	DC#_Title: ENV-FRM-ELON-0001 v08_Sample Receiving Checklist
	Effective Date: 06/11/2024

20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	23	22	21	Sample				
																				Soils Jars (Circle Amb/Clear)				
																					16oz Amb/Clear	Ambers		
																							8oz Amb/Clear	
																							4oz Amb/Clear	
																							2oz Amb/Clear	
																						Unpreserved	Ambers	
																						HCL		
																						Sulfuric		
																						Sulfuric		
																						Phosphoric		
																						HCl	Ambers	
																						Unpreserved		
																							Unpreserved	Plastics
																							Sulfuric	
																							Unpreserved	Plastics
																							Sulfuric	
																							Unpreserved	
																							Sulfuric	
																							Unpreserved	
																							Trizma	
																							Sulfuric	
																							Nitric	
																							NaOH	
																							Ammonium Acetate	
																							NaOH/Zinc	
																							Unpreserved	VOA Vials
																							HCl	
																							MeOH	
																							D.I. Water	
																							BiSulfate	
																							Col/Bact	Other / Fill in

August 29, 2025

Payson Long
NYDEC_Ramboll US Consulting, Inc. - Syracuse
333 West Washington Street, PO Box 4873
Syracuse, NY 13202

Project Location: Old BEthpage, New York
Client Job Number:
Project Number: 130015
Laboratory Work Order Number: 25H0436

Enclosed are results of analyses for samples as received by the laboratory on August 8, 2025. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kyle A. Murray
Project Manager

Table of Contents

Sample Summary	4
Case Narrative	5
Sample Results	8
25H0436-01	8
25H0436-02	11
25H0436-03	17
25H0436-04	23
25H0436-05	29
25H0436-06	35
25H0436-07	41
25H0436-08	47
25H0436-09	49
25H0436-10	55
25H0436-11	58
25H0436-12	61
25H0436-13	64
25H0436-14	67
25H0436-15	70
25H0436-16	73
25H0436-17	76
25H0436-18	79
25H0436-19	82
25H0436-20	85
25H0436-21	88
25H0436-22	91

Table of Contents (continued)

25H0436-23	94
Sample Preparation Information	97
QC Data	99
Volatile Organic Compounds by GC/MS	99
B411121	99
B411122	102
B411129	106
B411121	111
B411122	111
B411129	111
1,4-Dioxane by isotope dilution GC/MS	112
B411125	112
B411184	112
B411277	112
Semivolatile Organic Compounds by - LC/MS-MS	113
B411093	113
Flag/Qualifier Summary	118
Certifications	119
Chain of Custody/Sample Receipt	122



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

NYDEC_Ramboll US Consulting, Inc. - Syracuse
333 West Washington Street, PO Box 4873
Syracuse, NY 13202
ATTN: Payson Long

REPORT DATE: 8/29/2025

PURCHASE ORDER NUMBER: 151811

PROJECT NUMBER: 130015

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 25H0436

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: Old BETHpage, New York

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
TB-CPC-QC-20250807	25H0436-01	Trip Blank Water		SW-846 8260D	
MW-CPC-36-25-251-20250806-0	25H0436-02	Ground Water		EPA 1633A SW-846 8260D SW-846 8270E	
MW-CPC-37-25-445-20250806-0	25H0436-03	Ground Water		EPA 1633A SW-846 8260D SW-846 8270E	
MW-CPC-38-25-391-20250805-0	25H0436-04	Ground Water		EPA 1633A SW-846 8260D SW-846 8270E	
MW-CPC-38-25-391-20250805-1	25H0436-05	Ground Water		EPA 1633A SW-846 8260D SW-846 8270E	
MW-CPC-39-25-374-20250804-0	25H0436-06	Ground Water		EPA 1633A SW-846 8260D SW-846 8270E	
MW-CPC-40-25-312-20250805-0	25H0436-07	Ground Water		EPA 1633A SW-846 8260D SW-846 8270E	
MW-CPC-40-25-312-20250805-2	25H0436-08	Equipment Blank Water		EPA 1633A	
MW-CPC-41-25-258-20250807-0	25H0436-09	Ground Water		EPA 1633A SW-846 8260D SW-846 8270E	
MW6F-CP-00-20250806	25H0436-10	Ground Water		SW-846 8260D	
MW5B-CP-00-20250806	25H0436-11	Ground Water		SW-846 8260D	
OBS1-CP-00-20250806	25H0436-12	Ground Water		SW-846 8260D	
BP5B-CP-00-20250806	25H0436-13	Ground Water		SW-846 8260D	
BP5B-CP-01-20250806	25H0436-14	Ground Water		SW-846 8260D	
BP5C-CP-00-20250806	25H0436-15	Ground Water		SW-846 8260D	
BP13B-CP-00-20250806	25H0436-16	Ground Water		SW-846 8260D	
BP13C-CP-00-20250806	25H0436-17	Ground Water		SW-846 8260D	
EW14D-CP-00-20250806	25H0436-18	Ground Water		SW-846 8260D	
EW11D-CP-00-20250806	25H0436-19	Ground Water		SW-846 8260D	
EW12D-CP-00-20250806	25H0436-20	Ground Water		SW-846 8260D	
EW4A-CP-00-20250806	25H0436-21	Ground Water		SW-846 8260D	
EW4B-CP-00-20250806	25H0436-22	Ground Water		SW-846 8260D	
EW4C-CP-00-20250806	25H0436-23	Ground Water		SW-846 8260D	



Pace Analytical Services, LLC - East Longmeadow, Ma

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

CASE NARRATIVE SUMMARY

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

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

EPA 1633A

Qualifications:

PF-18

Re-analysis confirmed Extracted Internal Standard failure due to matrix effects.

Analyte & Samples(s) Qualified:

13C4-PFBA

25H0436-05[MW-CPC-38-25-391-20250805-1]

Perfluorobutanoic acid (PFBA)

25H0436-05[MW-CPC-38-25-391-20250805-1]

PF-24

Non-extracted internal standard compound recovery <50%. Re-extracted sample exhibited similar results. Possible high bias present on associated extracted internal standard recoveries

Analyte & Samples(s) Qualified:

13C3-PFBA

25H0436-07[MW-CPC-40-25-312-20250805-0]

13C4-PFBA

25H0436-07[MW-CPC-40-25-312-20250805-0]

SW-846 8260D

Qualifications:

L-02

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

Analyte & Samples(s) Qualified:

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

B411122-BS1, B411122-BSD1

Chloromethane

B411122-BS1, B411122-BSD1

L-07

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

Analyte & Samples(s) Qualified:

Bromomethane

B411122-BS1

Chloroethane

B411122-BSD1

Methyl Acetate

B411121-BS1

RL-11

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

25H0436-20[EW12D-CP-00-20250806]

V-05

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

Analyte & Samples(s) Qualified:

1,1-Dichloroethylene

25H0436-01[TB-CPC-QC-20250807], 25H0436-02[MW-CPC-36-25-251-20250806-0], B411121-BLK1, B411121-BS1, B411121-BSD1, S124916-CCV1

Methyl Acetate

25H0436-01[TB-CPC-QC-20250807], 25H0436-02[MW-CPC-36-25-251-20250806-0], B411121-BLK1, B411121-BS1, B411121-BSD1, S124916-CCV1

V-06

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

Analyte & Samples(s) Qualified:

1,1-Dichloroethylene

25H0436-07[MW-CPC-40-25-312-20250805-0], B411122-BS1, B411122-BSD1, S124944-CCV1

Acetone

25H0436-10[MW6F-CP-00-20250806], 25H0436-11[MW5B-CP-00-20250806], 25H0436-12[OBS1-CP-00-20250806], 25H0436-13[BP5B-CP-00-20250806], B411122-BS1, B411122-BSD1, S124944-CCV1

V-20

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

Analyte & Samples(s) Qualified:

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

B411122-BS1, B411122-BSD1, S124944-CCV1

Bromomethane

B411122-BS1, B411122-BSD1, S124944-CCV1

Chloroethane

B411122-BS1, B411122-BSD1, S124944-CCV1

Chloromethane

B411122-BS1, B411122-BSD1, S124944-CCV1

Dichlorodifluoromethane (Freon 12)

B411129-BS1, B411129-BSD1, S125002-CCV1

Methyl Cyclohexane

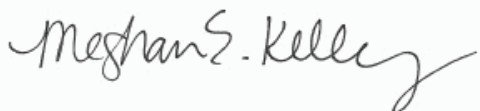
B411129-BS1, B411129-BSD1, S125002-CCV1

Trichlorofluoromethane (Freon 11)

B411122-BS1, B411122-BSD1, S124944-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: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: TB-CPC-QC-20250807

Sampled: 8/7/2025 08:00

Sample ID: 25H0436-01

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	8/11/25	8/12/25 19:15	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/11/25	8/12/25 19:15	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
Methyl Acetate	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/11/25	8/12/25 19:15	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: TB-CPC-QC-20250807

Sampled: 8/7/2025 08:00

Sample ID: 25H0436-01

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	8/11/25	8/12/25 19:15	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:15	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		99.9		70-130				8/12/25 19:15	
Toluene-d8		98.9		70-130				8/12/25 19:15	
4-Bromofluorobenzene		87.2		70-130				8/12/25 19:15	



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: TB-CPC-QC-20250807

Sampled: 8/7/2025 08:00

Sample ID: 25H0436-01

Sample Matrix: Trip Blank Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/11/25	8/12/25 19:15	MF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW-CPC-36-25-251-20250806-0

Sampled: 8/6/2025 09:40

Sample ID: 25H0436-02

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	8/11/25	8/12/25 19:42	MFF
Benzene	59	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
1,1-Dichloroethane	1.3	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
1,1-Dichloroethylene	2.0	1.0	µg/L	1	V-05	SW-846 8260D	8/11/25	8/12/25 19:42	MFF
cis-1,2-Dichloroethylene	55	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
Methyl Acetate	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/11/25	8/12/25 19:42	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW-CPC-36-25-251-20250806-0

Sampled: 8/6/2025 09:40

Sample ID: 25H0436-02

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	8/11/25	8/12/25 19:42	MFF
Tetrachloroethylene	27	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
1,1,1-Trichloroethane	1.2	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
Trichloroethylene	10	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:42	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		99.4	70-130					8/12/25 19:42	
Toluene-d8		97.3	70-130					8/12/25 19:42	
4-Bromofluorobenzene		90.2	70-130					8/12/25 19:42	



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW-CPC-36-25-251-20250806-0

Sampled: 8/6/2025 09:40

Sample ID: 25H0436-02

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/11/25	8/12/25 19:42	MF



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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW-CPC-36-25-251-20250806-0

Sampled: 8/6/2025 09:40

Sample ID: 25H0436-02

Sample Matrix: Ground Water

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	7.1	0.20	µg/L	1		SW-846 8270E	8/13/25	8/23/25 0:21	GJB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,4-Dioxane-d8	21.2	15-110			8/23/25 0:21				

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW-CPC-36-25-251-20250806-0

Sampled: 8/6/2025 09:40

Sample ID: 25H0436-02

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	32	6.3	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:31	CML
Perfluoropentanoic acid (PFPeA)	50	3.2	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:31	CML
Perfluorohexanoic acid (PFHxA)	46	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:31	CML
Perfluoroheptanoic acid (PFHpA)	37	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:31	CML
Perfluorooctanoic acid (PFOA)	150	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:31	CML
Perfluorononanoic acid (PFNA)	540	16	ng/L	10	D	EPA 1633A	8/18/25	8/26/25 12:27	CML
Perfluorodecanoic acid (PFDA)	3.9	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:31	CML
Perfluoroundecanoic acid (PFUnA)	6.7	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:31	CML
Perfluorododecanoic acid (PFDoA)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:31	CML
Perfluorotridecanoic acid (PFTrDA)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:31	CML
Perfluorotetradecanoic acid (PFTeDA)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:31	CML
Perfluorobutanesulfonic acid (PFBS)	6.2	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:31	CML
Perfluoropentanesulfonic acid (PFPeS)	6.2	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:31	CML
Perfluorohexanesulfonic acid (PFHxS)	37	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:31	CML
Perfluoroheptanesulfonic acid (PFHpS)	2.8	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:31	CML
Perfluorooctanesulfonic acid (PFOS)	150	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:31	CML
Perfluorononanesulfonic acid (PFNS)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:31	CML
Perfluorodecanesulfonic acid (PFDS)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:31	CML
Perfluorododecanesulfonic acid (PFDoS)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:31	CML
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	6.3	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:31	CML
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	41	6.3	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:31	CML
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	15	6.3	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:31	CML
Perfluorooctanesulfonamide (PFOSA)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:31	CML
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:31	CML
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:31	CML
N-MeFOSAA (NMeFOSAA)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:31	CML
N-EtFOSAA (NEtFOSAA)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:31	CML
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	16	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:31	CML
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	16	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:31	CML
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	6.3	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:31	CML
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	6.3	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:31	CML
9Cl-PF3ONS (F53B Minor)	ND	6.3	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:31	CML
11Cl-PF3OUdS (F53B Major)	ND	6.3	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:31	CML
3-Perfluoropropyl propanoic acid (FPPrPA) (3:3FTCA)	ND	7.9	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:31	CML
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	40	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:31	CML
3-Perfluoroheptyl propanoic acid (FHPrPA) (7:3FTCA)	ND	40	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:31	CML
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.2	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:31	CML
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	3.2	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:31	CML

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW-CPC-36-25-251-20250806-0

Sampled: 8/6/2025 09:40

Sample ID: 25H0436-02

Sample Matrix: Ground Water

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	3.2	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:31	CML
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	3.2	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:31	CML
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
13C4-PFBA	92.5	5-130			8/19/25 17:31				
13C5-PFPeA	95.5	40-130			8/19/25 17:31				
13C5-PFHxA	95.5	40-130			8/19/25 17:31				
13C4-PFHpA	77.9	40-130			8/19/25 17:31				
13C8-PFOA	103	40-130			8/19/25 17:31				
13C9-PFNA	95.6	40-130			8/19/25 17:31				
13C9-PFNA	73.7	40-130			8/26/25 12:27				
13C6-PFDA	91.6	40-130			8/19/25 17:31				
13C7-PFUnA	91.3	30-130			8/19/25 17:31				
13C2-PFDoA	70.2	10-130			8/19/25 17:31				
13C2-PFTeDA	72.7	10-130			8/19/25 17:31				
13C3-PFBS	84.8	40-135			8/19/25 17:31				
13C3-PFHxS	93.0	40-130			8/19/25 17:31				
13C8-PFOS	101	40-130			8/19/25 17:31				
13C2-4:2FTS	112	40-200			8/19/25 17:31				
13C2-6:2FTS	79.9	40-200			8/19/25 17:31				
13C2-8:2FTS	63.3	40-300			8/19/25 17:31				
13C8-PFOSA	76.0	40-130			8/19/25 17:31				
D3-NMeFOSA	69.7	10-130			8/19/25 17:31				
D5-NEtFOSA	72.7	10-130			8/19/25 17:31				
D3-NMeFOSAA	78.6	40-170			8/19/25 17:31				
D5-NEtFOSAA	70.6	25-135			8/19/25 17:31				
D7-NMeFOSE	74.0	10-130			8/19/25 17:31				
D9-NEtFOSE	68.2	10-130			8/19/25 17:31				
13C3-HFPO-DA	87.9	40-130			8/19/25 17:31				

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW-CPC-37-25-445-20250806-0

Sampled: 8/6/2025 14:05

Sample ID: 25H0436-03

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	8/11/25	8/12/25 17:09	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
Bromomethane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
1,1-Dichloroethane	2.3	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
cis-1,2-Dichloroethylene	9.8	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
Methyl Acetate	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW-CPC-37-25-445-20250806-0

Sampled: 8/6/2025 14:05

Sample ID: 25H0436-03

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	8/11/25	8/12/25 17:09	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
Vinyl Chloride	4.1	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:09	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		107		70-130				8/12/25 17:09	
Toluene-d8		98.8		70-130				8/12/25 17:09	
4-Bromofluorobenzene		91.7		70-130				8/12/25 17:09	



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW-CPC-37-25-445-20250806-0

Sampled: 8/6/2025 14:05

Sample ID: 25H0436-03

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/11/25	8/12/25 17:09	MF



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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW-CPC-37-25-445-20250806-0

Sampled: 8/6/2025 14:05

Sample ID: 25H0436-03

Sample Matrix: Ground Water

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	24	0.19	µg/L	1		SW-846 8270E	8/13/25	8/23/25 0:42	GJB
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
1,4-Dioxane-d8	19.2		15-110					8/23/25 0:42	

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW-CPC-37-25-445-20250806-0

Sampled: 8/6/2025 14:05

Sample ID: 25H0436-03

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	31	6.1	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:40	CML
Perfluoropentanoic acid (PFPeA)	8.7	3.0	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:40	CML
Perfluorohexanoic acid (PFHxA)	17	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:40	CML
Perfluoroheptanoic acid (PFHpA)	8.6	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:40	CML
Perfluorooctanoic acid (PFOA)	95	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:40	CML
Perfluorononanoic acid (PFNA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:40	CML
Perfluorodecanoic acid (PFDA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:40	CML
Perfluoroundecanoic acid (PFUnA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:40	CML
Perfluorododecanoic acid (PFDoA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:40	CML
Perfluorotridecanoic acid (PFTrDA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:40	CML
Perfluorotetradecanoic acid (PFTeDA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:40	CML
Perfluorobutanesulfonic acid (PFBS)	3.9	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:40	CML
Perfluoropentanesulfonic acid (PFPeS)	4.4	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:40	CML
Perfluorohexanesulfonic acid (PFHxS)	7.5	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:40	CML
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:40	CML
Perfluorooctanesulfonic acid (PFOS)	40	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:40	CML
Perfluorononanesulfonic acid (PFNS)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:40	CML
Perfluorodecanesulfonic acid (PFDS)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:40	CML
Perfluorododecanesulfonic acid (PFDoS)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:40	CML
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	6.1	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:40	CML
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	6.1	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:40	CML
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	6.1	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:40	CML
Perfluorooctanesulfonamide (PFOSA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:40	CML
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:40	CML
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:40	CML
N-MeFOSAA (NMeFOSAA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:40	CML
N-EtFOSAA (NEtFOSAA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:40	CML
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	15	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:40	CML
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	15	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:40	CML
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	6.1	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:40	CML
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	ND	6.1	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:40	CML
9Cl-PF3ONS (F53B Minor)	ND	6.1	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:40	CML
11Cl-PF3OUdS (F53B Major)	ND	6.1	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:40	CML
3-Perfluoropropyl propanoic acid (FPPrPA) (3:3FTCA)	ND	7.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:40	CML
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	38	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:40	CML
3-Perfluoroheptyl propanoic acid (FHPrPA) (7:3FTCA)	ND	38	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:40	CML
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.0	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:40	CML
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	3.0	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:40	CML

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW-CPC-37-25-445-20250806-0

Sampled: 8/6/2025 14:05

Sample ID: 25H0436-03

Sample Matrix: Ground Water

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	3.0	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:40	CML
Nonfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	3.0	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:40	CML
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
13C4-PFBA	97.5	5-130			8/19/25 17:40				
13C5-PFPeA	93.4	40-130			8/19/25 17:40				
13C5-PFHxA	97.5	40-130			8/19/25 17:40				
13C4-PFHpA	78.7	40-130			8/19/25 17:40				
13C8-PFOA	106	40-130			8/19/25 17:40				
13C9-PFNA	98.2	40-130			8/19/25 17:40				
13C6-PFDA	95.1	40-130			8/19/25 17:40				
13C7-PFUnA	98.7	30-130			8/19/25 17:40				
13C2-PFDoA	75.3	10-130			8/19/25 17:40				
13C2-PFTeDA	84.8	10-130			8/19/25 17:40				
13C3-PFBS	95.6	40-135			8/19/25 17:40				
13C3-PFHxS	98.1	40-130			8/19/25 17:40				
13C8-PFOS	103	40-130			8/19/25 17:40				
13C2-4:2FTS	76.5	40-200			8/19/25 17:40				
13C2-6:2FTS	70.8	40-200			8/19/25 17:40				
13C2-8:2FTS	63.3	40-300			8/19/25 17:40				
13C8-PFOSA	72.4	40-130			8/19/25 17:40				
D3-NMeFOSA	78.2	10-130			8/19/25 17:40				
D5-NEtFOSA	81.2	10-130			8/19/25 17:40				
D3-NMeFOSAA	74.5	40-170			8/19/25 17:40				
D5-NEtFOSAA	70.6	25-135			8/19/25 17:40				
D7-NMeFOSE	81.9	10-130			8/19/25 17:40				
D9-NEtFOSE	78.9	10-130			8/19/25 17:40				
13C3-HFPO-DA	96.7	40-130			8/19/25 17:40				

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW-CPC-38-25-391-20250805-0

Sampled: 8/5/2025 09:40

Sample ID: 25H0436-04

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	8/11/25	8/12/25 17:35	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
Bromomethane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
Methyl Acetate	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW-CPC-38-25-391-20250805-0

Sampled: 8/5/2025 09:40

Sample ID: 25H0436-04

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	8/11/25	8/12/25 17:35	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 17:35	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		104		70-130				8/12/25 17:35	
Toluene-d8		98.6		70-130				8/12/25 17:35	
4-Bromofluorobenzene		89.6		70-130				8/12/25 17:35	



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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW-CPC-38-25-391-20250805-0

Sampled: 8/5/2025 09:40

Sample ID: 25H0436-04

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/11/25	8/12/25 17:35	MF



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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW-CPC-38-25-391-20250805-0

Sampled: 8/5/2025 09:40

Sample ID: 25H0436-04

Sample Matrix: Ground Water

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	0.72	0.20	µg/L	1		SW-846 8270E	8/12/25	8/23/25 4:32	GJB
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
1,4-Dioxane-d8	25.2		15-110					8/23/25 4:32	

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW-CPC-38-25-391-20250805-0

Sampled: 8/5/2025 09:40

Sample ID: 25H0436-04

Sample Matrix: Ground Water

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	5.9	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:49	CML
Perfluoropentanoic acid (PFPeA)	ND	3.0	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:49	CML
Perfluorohexanoic acid (PFHxA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:49	CML
Perfluoroheptanoic acid (PFHpA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:49	CML
Perfluorooctanoic acid (PFOA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:49	CML
Perfluorononanoic acid (PFNA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:49	CML
Perfluorodecanoic acid (PFDA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:49	CML
Perfluoroundecanoic acid (PFUnA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:49	CML
Perfluorododecanoic acid (PFDoA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:49	CML
Perfluorotridecanoic acid (PFTrDA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:49	CML
Perfluorotetradecanoic acid (PFTeDA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:49	CML
Perfluorobutanesulfonic acid (PFBS)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:49	CML
Perfluoropentanesulfonic acid (PFPeS)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:49	CML
Perfluorohexanesulfonic acid (PFHxS)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:49	CML
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:49	CML
Perfluorooctanesulfonic acid (PFOS)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:49	CML
Perfluorononanesulfonic acid (PFNS)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:49	CML
Perfluorodecanesulfonic acid (PFDS)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:49	CML
Perfluorododecanesulfonic acid (PFDoS)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:49	CML
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	5.9	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:49	CML
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	5.9	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:49	CML
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	5.9	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:49	CML
Perfluorooctanesulfonamide (PFOSA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:49	CML
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:49	CML
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:49	CML
N-MeFOSAA (NMeFOSAA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:49	CML
N-EtFOSAA (NEtFOSAA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:49	CML
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	15	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:49	CML
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	15	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:49	CML
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	5.9	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:49	CML
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	5.9	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:49	CML
9Cl-PF3ONS (F53B Minor)	ND	5.9	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:49	CML
11Cl-PF3OUdS (F53B Major)	ND	5.9	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:49	CML
3-Perfluoropropyl propanoic acid (FPPrPA) (3:3FTCA)	ND	7.4	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:49	CML
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	37	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:49	CML
3-Perfluoroheptyl propanoic acid (FHPrPA) (7:3FTCA)	ND	37	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:49	CML
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.0	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:49	CML
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	3.0	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:49	CML

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW-CPC-38-25-391-20250805-0

Sampled: 8/5/2025 09:40

Sample ID: 25H0436-04

Sample Matrix: Ground Water

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	3.0	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:49	CML
Nonfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	3.0	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:49	CML
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
13C4-PFBA	5.29	5-130			8/19/25 17:49				
13C5-PFPeA	69.9	40-130			8/19/25 17:49				
13C5-PFHxA	102	40-130			8/19/25 17:49				
13C4-PFHpA	84.6	40-130			8/19/25 17:49				
13C8-PFOA	107	40-130			8/19/25 17:49				
13C9-PFNA	104	40-130			8/19/25 17:49				
13C6-PFDA	104	40-130			8/19/25 17:49				
13C7-PFUnA	97.3	30-130			8/19/25 17:49				
13C2-PFDoA	79.1	10-130			8/19/25 17:49				
13C2-PFTeDA	81.5	10-130			8/19/25 17:49				
13C3-PFBS	92.3	40-135			8/19/25 17:49				
13C3-PFHxS	95.3	40-130			8/19/25 17:49				
13C8-PFOS	103	40-130			8/19/25 17:49				
13C2-4:2FTS	105	40-200			8/19/25 17:49				
13C2-6:2FTS	83.3	40-200			8/19/25 17:49				
13C2-8:2FTS	84.9	40-300			8/19/25 17:49				
13C8-PFOSA	77.7	40-130			8/19/25 17:49				
D3-NMeFOSA	84.7	10-130			8/19/25 17:49				
D5-NEtFOSA	90.0	10-130			8/19/25 17:49				
D3-NMeFOSAA	85.6	40-170			8/19/25 17:49				
D5-NEtFOSAA	80.4	25-135			8/19/25 17:49				
D7-NMeFOSE	76.2	10-130			8/19/25 17:49				
D9-NEtFOSE	73.8	10-130			8/19/25 17:49				
13C3-HFPO-DA	95.2	40-130			8/19/25 17:49				

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW-CPC-38-25-391-20250805-1

Sampled: 8/5/2025 09:40

Sample ID: 25H0436-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
Bromomethane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
Methyl Acetate	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW-CPC-38-25-391-20250805-1

Sampled: 8/5/2025 09:40

Sample ID: 25H0436-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:01	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		105		70-130				8/12/25 18:01	
Toluene-d8		98.7		70-130				8/12/25 18:01	
4-Bromofluorobenzene		88.1		70-130				8/12/25 18:01	



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW-CPC-38-25-391-20250805-1

Sampled: 8/5/2025 09:40

Sample ID: 25H0436-05

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/11/25	8/12/25 18:01	MF



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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW-CPC-38-25-391-20250805-1

Sampled: 8/5/2025 09:40

Sample ID: 25H0436-05

Sample Matrix: Ground Water

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	0.71	0.19	µg/L	1		SW-846 8270E	8/12/25	8/23/25 4:53	GJB
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
1,4-Dioxane-d8	22.3		15-110					8/23/25 4:53	

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW-CPC-38-25-391-20250805-1

Sampled: 8/5/2025 09:40

Sample ID: 25H0436-05

Sample Matrix: Ground Water

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	5.9	ng/L	1	PF-18	EPA 1633A	8/18/25	8/19/25 17:58	CML
Perfluoropentanoic acid (PFPeA)	ND	2.9	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:58	CML
Perfluorohexanoic acid (PFHxA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:58	CML
Perfluoroheptanoic acid (PFHpA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:58	CML
Perfluorooctanoic acid (PFOA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:58	CML
Perfluorononanoic acid (PFNA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:58	CML
Perfluorodecanoic acid (PFDA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:58	CML
Perfluoroundecanoic acid (PFUnA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:58	CML
Perfluorododecanoic acid (PFDoA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:58	CML
Perfluorotridecanoic acid (PFTrDA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:58	CML
Perfluorotetradecanoic acid (PFTeDA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:58	CML
Perfluorobutanesulfonic acid (PFBS)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:58	CML
Perfluoropentanesulfonic acid (PFPeS)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:58	CML
Perfluorohexanesulfonic acid (PFHxS)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:58	CML
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:58	CML
Perfluorooctanesulfonic acid (PFOS)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:58	CML
Perfluorononanesulfonic acid (PFNS)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:58	CML
Perfluorodecanesulfonic acid (PFDS)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:58	CML
Perfluorododecanesulfonic acid (PFDoS)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:58	CML
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	5.9	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:58	CML
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	5.9	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:58	CML
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	5.9	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:58	CML
Perfluorooctanesulfonamide (PFOSA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:58	CML
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:58	CML
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:58	CML
N-MeFOSAA (NMeFOSAA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:58	CML
N-EtFOSAA (NEtFOSAA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:58	CML
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	15	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:58	CML
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	15	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:58	CML
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	5.9	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:58	CML
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	5.9	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:58	CML
9Cl-PF3ONS (F53B Minor)	ND	5.9	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:58	CML
11Cl-PF3OUdS (F53B Major)	ND	5.9	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:58	CML
3-Perfluoropropyl propanoic acid (FPPrPA) (3:3FTCA)	ND	7.4	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:58	CML
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	37	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:58	CML
3-Perfluoroheptyl propanoic acid (FHPrPA) (7:3FTCA)	ND	37	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:58	CML
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.9	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:58	CML
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	2.9	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:58	CML

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW-CPC-38-25-391-20250805-1

Sampled: 8/5/2025 09:40

Sample ID: 25H0436-05

Sample Matrix: Ground Water

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	2.9	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:58	CML
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.9	ng/L	1		EPA 1633A	8/18/25	8/19/25 17:58	CML
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
13C4-PFBA	4.71	*	5-130		PF-18		8/19/25 17:58		
13C5-PFPeA	70.0		40-130				8/19/25 17:58		
13C5-PFHxA	99.1		40-130				8/19/25 17:58		
13C4-PFHpA	83.1		40-130				8/19/25 17:58		
13C8-PFOA	106		40-130				8/19/25 17:58		
13C9-PFNA	95.7		40-130				8/19/25 17:58		
13C6-PFDA	104		40-130				8/19/25 17:58		
13C7-PFUnA	108		30-130				8/19/25 17:58		
13C2-PFDoA	83.8		10-130				8/19/25 17:58		
13C2-PFTeDA	89.6		10-130				8/19/25 17:58		
13C3-PFBS	97.4		40-135				8/19/25 17:58		
13C3-PFHxS	98.7		40-130				8/19/25 17:58		
13C8-PFOS	102		40-130				8/19/25 17:58		
13C2-4:2FTS	110		40-200				8/19/25 17:58		
13C2-6:2FTS	89.2		40-200				8/19/25 17:58		
13C2-8:2FTS	83.9		40-300				8/19/25 17:58		
13C8-PFOSA	77.8		40-130				8/19/25 17:58		
D3-NMeFOSA	86.4		10-130				8/19/25 17:58		
D5-NEtFOSA	90.6		10-130				8/19/25 17:58		
D3-NMeFOSAA	86.3		40-170				8/19/25 17:58		
D5-NEtFOSAA	78.3		25-135				8/19/25 17:58		
D7-NMeFOSE	72.6		10-130				8/19/25 17:58		
D9-NEtFOSE	72.9		10-130				8/19/25 17:58		
13C3-HFPO-DA	93.9		40-130				8/19/25 17:58		

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW-CPC-39-25-374-20250804-0

Sampled: 8/4/2025 16:40

Sample ID: 25H0436-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
Bromomethane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
Methyl Acetate	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW-CPC-39-25-374-20250804-0

Sampled: 8/4/2025 16:40

Sample ID: 25H0436-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:27	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		105		70-130				8/12/25 18:27	
Toluene-d8		101		70-130				8/12/25 18:27	
4-Bromofluorobenzene		89.6		70-130				8/12/25 18:27	



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW-CPC-39-25-374-20250804-0

Sampled: 8/4/2025 16:40

Sample ID: 25H0436-06

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/11/25	8/12/25 18:27	MF



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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW-CPC-39-25-374-20250804-0

Sampled: 8/4/2025 16:40

Sample ID: 25H0436-06

Sample Matrix: Ground Water

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	ND	0.20	µg/L	1		SW-846 8270E	8/11/25	8/23/25 2:26	GJB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,4-Dioxane-d8	31.1	15-110			8/23/25 2:26				

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW-CPC-39-25-374-20250804-0

Sampled: 8/4/2025 16:40

Sample ID: 25H0436-06

Sample Matrix: Ground Water

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	6.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:08	CML
Perfluoropentanoic acid (PFPeA)	ND	3.3	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:08	CML
Perfluorohexanoic acid (PFHxA)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:08	CML
Perfluoroheptanoic acid (PFHpA)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:08	CML
Perfluorooctanoic acid (PFOA)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:08	CML
Perfluorononanoic acid (PFNA)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:08	CML
Perfluorodecanoic acid (PFDA)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:08	CML
Perfluoroundecanoic acid (PFUnA)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:08	CML
Perfluorododecanoic acid (PFDoA)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:08	CML
Perfluorotridecanoic acid (PFTrDA)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:08	CML
Perfluorotetradecanoic acid (PFTeDA)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:08	CML
Perfluorobutanesulfonic acid (PFBS)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:08	CML
Perfluoropentanesulfonic acid (PFPeS)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:08	CML
Perfluorohexanesulfonic acid (PFHxS)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:08	CML
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:08	CML
Perfluorooctanesulfonic acid (PFOS)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:08	CML
Perfluorononanesulfonic acid (PFNS)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:08	CML
Perfluorodecanesulfonic acid (PFDS)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:08	CML
Perfluorododecanesulfonic acid (PFDoS)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:08	CML
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	6.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:08	CML
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	6.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:08	CML
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	6.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:08	CML
Perfluorooctanesulfonamide (PFOSA)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:08	CML
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:08	CML
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:08	CML
N-MeFOSAA (NMeFOSAA)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:08	CML
N-EtFOSAA (NEtFOSAA)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:08	CML
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	16	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:08	CML
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	16	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:08	CML
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	6.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:08	CML
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	ND	6.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:08	CML
9Cl-PF3ONS (F53B Minor)	ND	6.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:08	CML
11Cl-PF3OUdS (F53B Major)	ND	6.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:08	CML
3-Perfluoropropyl propanoic acid (FPPrPA) (3:3FTCA)	ND	8.2	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:08	CML
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	41	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:08	CML
3-Perfluoroheptyl propanoic acid (FHPrPA) (7:3FTCA)	ND	41	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:08	CML
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.3	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:08	CML
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	3.3	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:08	CML

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW-CPC-39-25-374-20250804-0

Sampled: 8/4/2025 16:40

Sample ID: 25H0436-06

Sample Matrix: Ground Water

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	3.3	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:08	CML
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	3.3	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:08	CML
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
13C4-PFBA	103	5-130			8/19/25 18:08				
13C5-PFPeA	101	40-130			8/19/25 18:08				
13C5-PFHxA	106	40-130			8/19/25 18:08				
13C4-PFHpA	86.7	40-130			8/19/25 18:08				
13C8-PFOA	108	40-130			8/19/25 18:08				
13C9-PFNA	101	40-130			8/19/25 18:08				
13C6-PFDA	102	40-130			8/19/25 18:08				
13C7-PFUnA	96.7	30-130			8/19/25 18:08				
13C2-PFDoA	74.3	10-130			8/19/25 18:08				
13C2-PFTeDA	80.3	10-130			8/19/25 18:08				
13C3-PFBS	96.7	40-135			8/19/25 18:08				
13C3-PFHxS	103	40-130			8/19/25 18:08				
13C8-PFOS	101	40-130			8/19/25 18:08				
13C2-4:2FTS	97.0	40-200			8/19/25 18:08				
13C2-6:2FTS	80.5	40-200			8/19/25 18:08				
13C2-8:2FTS	73.9	40-300			8/19/25 18:08				
13C8-PFOSA	70.0	40-130			8/19/25 18:08				
D3-NMeFOSA	72.3	10-130			8/19/25 18:08				
D5-NEtFOSA	75.2	10-130			8/19/25 18:08				
D3-NMeFOSAA	75.7	40-170			8/19/25 18:08				
D5-NEtFOSAA	64.6	25-135			8/19/25 18:08				
D7-NMeFOSE	71.6	10-130			8/19/25 18:08				
D9-NEtFOSE	66.7	10-130			8/19/25 18:08				
13C3-HFPO-DA	101	40-130			8/19/25 18:08				

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW-CPC-40-25-312-20250805-0

Sampled: 8/5/2025 13:40

Sample ID: 25H0436-07

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	8/11/25	8/12/25 18:53	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
Bromomethane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
1,1-Dichloroethane	5.6	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
1,1-Dichloroethylene	1.6	1.0	µg/L	1	V-06	SW-846 8260D	8/11/25	8/12/25 18:53	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
Methyl Acetate	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW-CPC-40-25-312-20250805-0

Sampled: 8/5/2025 13:40

Sample ID: 25H0436-07

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	8/11/25	8/12/25 18:53	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
1,1,1-Trichloroethane	1.4	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
Trichloroethylene	2.5	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 18:53	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		106		70-130				8/12/25 18:53	
Toluene-d8		98.4		70-130				8/12/25 18:53	
4-Bromofluorobenzene		91.3		70-130				8/12/25 18:53	



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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW-CPC-40-25-312-20250805-0

Sampled: 8/5/2025 13:40

Sample ID: 25H0436-07

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/11/25	8/12/25 18:53	MF



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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW-CPC-40-25-312-20250805-0

Sampled: 8/5/2025 13:40

Sample ID: 25H0436-07

Sample Matrix: Ground Water

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	2.7	0.20	µg/L	1		SW-846 8270E	8/12/25	8/23/25 5:14	GJB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,4-Dioxane-d8	25.8	15-110			8/23/25 5:14				

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW-CPC-40-25-312-20250805-0

Sampled: 8/5/2025 13:40

Sample ID: 25H0436-07

Sample Matrix: Ground Water

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	5.8	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:17	CML
Perfluoropentanoic acid (PFPeA)	ND	2.9	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:17	CML
Perfluorohexanoic acid (PFHxA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:17	CML
Perfluoroheptanoic acid (PFHpA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:17	CML
Perfluorooctanoic acid (PFOA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:17	CML
Perfluorononanoic acid (PFNA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:17	CML
Perfluorodecanoic acid (PFDA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:17	CML
Perfluoroundecanoic acid (PFUnA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:17	CML
Perfluorododecanoic acid (PFDoA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:17	CML
Perfluorotridecanoic acid (PFTrDA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:17	CML
Perfluorotetradecanoic acid (PFTeDA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:17	CML
Perfluorobutanesulfonic acid (PFBS)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:17	CML
Perfluoropentanesulfonic acid (PFPeS)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:17	CML
Perfluorohexanesulfonic acid (PFHxS)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:17	CML
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:17	CML
Perfluorooctanesulfonic acid (PFOS)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:17	CML
Perfluorononanesulfonic acid (PFNS)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:17	CML
Perfluorodecanesulfonic acid (PFDS)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:17	CML
Perfluorododecanesulfonic acid (PFDoS)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:17	CML
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	5.8	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:17	CML
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	5.8	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:17	CML
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	5.8	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:17	CML
Perfluorooctanesulfonamide (PFOSA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:17	CML
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:17	CML
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:17	CML
N-MeFOSAA (NMeFOSAA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:17	CML
N-EtFOSAA (NEtFOSAA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:17	CML
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	15	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:17	CML
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	15	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:17	CML
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	5.8	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:17	CML
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	ND	5.8	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:17	CML
9Cl-PF3ONS (F53B Minor)	ND	5.8	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:17	CML
11Cl-PF3OUdS (F53B Major)	ND	5.8	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:17	CML
3-Perfluoropropyl propanoic acid (FPPrPA) (3:3FTCA)	ND	7.3	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:17	CML
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	36	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:17	CML
3-Perfluoroheptyl propanoic acid (FHPrPA) (7:3FTCA)	ND	36	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:17	CML
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.9	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:17	CML
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	2.9	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:17	CML

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW-CPC-40-25-312-20250805-0

Sampled: 8/5/2025 13:40

Sample ID: 25H0436-07

Sample Matrix: Ground Water

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	2.9	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:17	CML
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.9	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:17	CML
Surrogates	% Recovery	Recovery Limits			Flag/Qual				
13C4-PFBA	110	5-130			PF-24			8/19/25 18:17	
13C5-PFPeA	104	40-130						8/19/25 18:17	
13C5-PFHxA	115	40-130						8/19/25 18:17	
13C4-PFHpA	90.5	40-130						8/19/25 18:17	
13C8-PFOA	113	40-130						8/19/25 18:17	
13C9-PFNA	113	40-130						8/19/25 18:17	
13C6-PFDA	110	40-130						8/19/25 18:17	
13C7-PFUnA	107	30-130						8/19/25 18:17	
13C2-PFDoA	87.2	10-130						8/19/25 18:17	
13C2-PFTeDA	86.6	10-130						8/19/25 18:17	
13C3-PFBS	103	40-135						8/19/25 18:17	
13C3-PFHxS	121	40-130						8/19/25 18:17	
13C8-PFOS	112	40-130						8/19/25 18:17	
13C2-4:2FTS	54.3	40-200						8/19/25 18:17	
13C2-6:2FTS	57.2	40-200						8/19/25 18:17	
13C2-8:2FTS	56.5	40-300						8/19/25 18:17	
13C8-PFOSA	78.2	40-130						8/19/25 18:17	
D3-NMeFOSA	80.6	10-130						8/19/25 18:17	
D5-NEtFOSA	87.6	10-130						8/19/25 18:17	
D3-NMeFOSAA	68.8	40-170						8/19/25 18:17	
D5-NEtFOSAA	63.9	25-135						8/19/25 18:17	
D7-NMeFOSE	84.7	10-130						8/19/25 18:17	
D9-NEtFOSE	80.1	10-130						8/19/25 18:17	
13C3-HFPO-DA	112	40-130						8/19/25 18:17	

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW-CPC-40-25-312-20250805-2

Sampled: 8/5/2025 15:50

Sample ID: 25H0436-08

Sample Matrix: Equipment Blank Water

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	5.9	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:26	CML
Perfluoropentanoic acid (PFPeA)	ND	3.0	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:26	CML
Perfluorohexanoic acid (PFHxA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:26	CML
Perfluoroheptanoic acid (PFHpA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:26	CML
Perfluorooctanoic acid (PFOA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:26	CML
Perfluorononanoic acid (PFNA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:26	CML
Perfluorodecanoic acid (PFDA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:26	CML
Perfluoroundecanoic acid (PFUnA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:26	CML
Perfluorododecanoic acid (PFDoA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:26	CML
Perfluorotridecanoic acid (PFTrDA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:26	CML
Perfluorotetradecanoic acid (PFTeDA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:26	CML
Perfluorobutanesulfonic acid (PFBS)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:26	CML
Perfluoropentanesulfonic acid (PFPeS)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:26	CML
Perfluorohexanesulfonic acid (PFHxS)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:26	CML
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:26	CML
Perfluorooctanesulfonic acid (PFOS)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:26	CML
Perfluorononanesulfonic acid (PFNS)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:26	CML
Perfluorodecanesulfonic acid (PFDS)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:26	CML
Perfluorododecanesulfonic acid (PFDoS)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:26	CML
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	5.9	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:26	CML
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	5.9	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:26	CML
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	5.9	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:26	CML
Perfluorooctanesulfonamide (PFOSA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:26	CML
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:26	CML
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:26	CML
N-MeFOSAA (NMeFOSAA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:26	CML
N-EtFOSAA (NEtFOSAA)	ND	1.5	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:26	CML
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	15	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:26	CML
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	15	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:26	CML
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	5.9	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:26	CML
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	5.9	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:26	CML
9Cl-PF3ONS (F53B Minor)	ND	5.9	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:26	CML
11Cl-PF3OUdS (F53B Major)	ND	5.9	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:26	CML
3-Perfluoropropyl propanoic acid (FPPrPA) (3:3FTCA)	ND	7.4	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:26	CML
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	37	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:26	CML
3-Perfluoroheptyl propanoic acid (FHPrPA) (7:3FTCA)	ND	37	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:26	CML
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.0	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:26	CML
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	3.0	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:26	CML

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW-CPC-40-25-312-20250805-2

Sampled: 8/5/2025 15:50

Sample ID: 25H0436-08

Sample Matrix: Equipment Blank Water

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	3.0	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:26	CML
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	3.0	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:26	CML
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
13C4-PFBA	108		5-130				8/19/25 18:26		
13C5-PFPeA	107		40-130				8/19/25 18:26		
13C5-PFHxA	107		40-130				8/19/25 18:26		
13C4-PFHpA	88.3		40-130				8/19/25 18:26		
13C8-PFOA	114		40-130				8/19/25 18:26		
13C9-PFNA	108		40-130				8/19/25 18:26		
13C6-PFDA	116		40-130				8/19/25 18:26		
13C7-PFUnA	109		30-130				8/19/25 18:26		
13C2-PFD _o A	91.9		10-130				8/19/25 18:26		
13C2-PFTeDA	90.7		10-130				8/19/25 18:26		
13C3-PFBS	101		40-135				8/19/25 18:26		
13C3-PFHxS	103		40-130				8/19/25 18:26		
13C8-PFOS	116		40-130				8/19/25 18:26		
13C2-4:2FTS	87.3		40-200				8/19/25 18:26		
13C2-6:2FTS	84.0		40-200				8/19/25 18:26		
13C2-8:2FTS	79.5		40-300				8/19/25 18:26		
13C8-PFOSA	81.2		40-130				8/19/25 18:26		
D3-NMeFOSA	86.5		10-130				8/19/25 18:26		
D5-NEtFOSA	88.0		10-130				8/19/25 18:26		
D3-NMeFOSAA	89.9		40-170				8/19/25 18:26		
D5-NEtFOSAA	90.4		25-135				8/19/25 18:26		
D7-NMeFOSE	86.3		10-130				8/19/25 18:26		
D9-NEtFOSE	83.6		10-130				8/19/25 18:26		
13C3-HFPO-DA	104		40-130				8/19/25 18:26		

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW-CPC-41-25-258-20250807-0

Sampled: 8/7/2025 09:20

Sample ID: 25H0436-09

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	8/11/25	8/12/25 19:19	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
Bromomethane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
Methyl Acetate	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW-CPC-41-25-258-20250807-0

Sampled: 8/7/2025 09:20

Sample ID: 25H0436-09

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	8/11/25	8/12/25 19:19	MFF
Tetrachloroethylene	4.2	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:19	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		105		70-130				8/12/25 19:19	
Toluene-d8		99.5		70-130				8/12/25 19:19	
4-Bromofluorobenzene		88.6		70-130				8/12/25 19:19	



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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW-CPC-41-25-258-20250807-0

Sampled: 8/7/2025 09:20

Sample ID: 25H0436-09

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/11/25	8/12/25 19:19	MF



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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW-CPC-41-25-258-20250807-0

Sampled: 8/7/2025 09:20

Sample ID: 25H0436-09

Sample Matrix: Ground Water

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	2.8	0.20	µg/L	1		SW-846 8270E	8/13/25	8/23/25 1:03	GJB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,4-Dioxane-d8	22.7	15-110			8/23/25 1:03				

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW-CPC-41-25-258-20250807-0

Sampled: 8/7/2025 09:20

Sample ID: 25H0436-09

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	16	6.3	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:35	CML
Perfluoropentanoic acid (PFPeA)	27	3.1	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:35	CML
Perfluorohexanoic acid (PFHxA)	21	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:35	CML
Perfluoroheptanoic acid (PFHpA)	13	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:35	CML
Perfluorooctanoic acid (PFOA)	28	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:35	CML
Perfluorononanoic acid (PFNA)	80	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:35	CML
Perfluorodecanoic acid (PFDA)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:35	CML
Perfluoroundecanoic acid (PFUnA)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:35	CML
Perfluorododecanoic acid (PFDoA)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:35	CML
Perfluorotridecanoic acid (PFTrDA)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:35	CML
Perfluorotetradecanoic acid (PFTeDA)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:35	CML
Perfluorobutanesulfonic acid (PFBS)	2.1	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:35	CML
Perfluoropentanesulfonic acid (PFPeS)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:35	CML
Perfluorohexanesulfonic acid (PFHxS)	6.4	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:35	CML
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:35	CML
Perfluorooctanesulfonic acid (PFOS)	19	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:35	CML
Perfluorononanesulfonic acid (PFNS)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:35	CML
Perfluorodecanesulfonic acid (PFDS)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:35	CML
Perfluorododecanesulfonic acid (PFDoS)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:35	CML
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	6.3	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:35	CML
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	6.3	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:35	CML
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	6.3	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:35	CML
Perfluorooctanesulfonamide (PFOSA)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:35	CML
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:35	CML
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:35	CML
N-MeFOSAA (NMeFOSAA)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:35	CML
N-EtFOSAA (NEtFOSAA)	ND	1.6	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:35	CML
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	16	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:35	CML
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	16	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:35	CML
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	6.3	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:35	CML
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	ND	6.3	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:35	CML
9Cl-PF3ONS (F53B Minor)	ND	6.3	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:35	CML
11Cl-PF3OUdS (F53B Major)	ND	6.3	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:35	CML
3-Perfluoropropyl propanoic acid (FPPrPA) (3:3FTCA)	ND	7.8	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:35	CML
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	39	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:35	CML
3-Perfluoroheptyl propanoic acid (FHPrPA) (7:3FTCA)	ND	39	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:35	CML
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.1	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:35	CML
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	3.1	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:35	CML

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW-CPC-41-25-258-20250807-0

Sampled: 8/7/2025 09:20

Sample ID: 25H0436-09

Sample Matrix: Ground Water

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	3.1	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:35	CML
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	3.1	ng/L	1		EPA 1633A	8/18/25	8/19/25 18:35	CML
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
13C4-PFBA	121		5-130				8/19/25 18:35		
13C5-PFPeA	114		40-130				8/19/25 18:35		
13C5-PFHxA	124		40-130				8/19/25 18:35		
13C4-PFHpA	100		40-130				8/19/25 18:35		
13C8-PFOA	123		40-130				8/19/25 18:35		
13C9-PFNA	122		40-130				8/19/25 18:35		
13C6-PFDA	116		40-130				8/19/25 18:35		
13C7-PFUnA	129		30-130				8/19/25 18:35		
13C2-PFDoA	93.3		10-130				8/19/25 18:35		
13C2-PFTeDA	103		10-130				8/19/25 18:35		
13C3-PFBS	115		40-135				8/19/25 18:35		
13C3-PFHxS	121		40-130				8/19/25 18:35		
13C8-PFOS	121		40-130				8/19/25 18:35		
13C2-4:2FTS	64.9		40-200				8/19/25 18:35		
13C2-6:2FTS	67.5		40-200				8/19/25 18:35		
13C2-8:2FTS	60.1		40-300				8/19/25 18:35		
13C8-PFOSA	92.9		40-130				8/19/25 18:35		
D3-NMeFOSA	104		10-130				8/19/25 18:35		
D5-NEtFOSA	106		10-130				8/19/25 18:35		
D3-NMeFOSAA	84.1		40-170				8/19/25 18:35		
D5-NEtFOSAA	85.2		25-135				8/19/25 18:35		
D7-NMeFOSE	101		10-130				8/19/25 18:35		
D9-NEtFOSE	94.4		10-130				8/19/25 18:35		
13C3-HFPO-DA	122		40-130				8/19/25 18:35		

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW6F-CP-00-20250806

Sampled: 8/6/2025 13:25

Sample ID: 25H0436-10

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	320	50	µg/L	1	V-06	SW-846 8260D	8/11/25	8/12/25 19:45	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
Bromomethane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
Methyl Acetate	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW6F-CP-00-20250806

Sampled: 8/6/2025 13:25

Sample ID: 25H0436-10

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	8/11/25	8/12/25 19:45	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 19:45	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		103	70-130					8/12/25 19:45	
Toluene-d8		98.6	70-130					8/12/25 19:45	
4-Bromofluorobenzene		88.2	70-130					8/12/25 19:45	



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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW6F-CP-00-20250806

Sampled: 8/6/2025 13:25

Sample ID: 25H0436-10

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/11/25	8/12/25 19:45	MF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW5B-CP-00-20250806

Sampled: 8/6/2025 11:50

Sample ID: 25H0436-11

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	640	50	µg/L	1	V-06	SW-846 8260D	8/11/25	8/12/25 20:11	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
Bromomethane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
Methyl Acetate	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW5B-CP-00-20250806

Sampled: 8/6/2025 11:50

Sample ID: 25H0436-11

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	8/11/25	8/12/25 20:11	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:11	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		106		70-130				8/12/25 20:11	
Toluene-d8		100		70-130				8/12/25 20:11	
4-Bromofluorobenzene		89.8		70-130				8/12/25 20:11	



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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: MW5B-CP-00-20250806

Sampled: 8/6/2025 11:50

Sample ID: 25H0436-11

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/11/25	8/12/25 20:11	MF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: OBS1-CP-00-20250806

Sampled: 8/6/2025 11:10

Sample ID: 25H0436-12

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	630	50	µg/L	1	V-06	SW-846 8260D	8/11/25	8/12/25 20:37	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
Bromomethane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
Methyl Acetate	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: OBS1-CP-00-20250806

Sampled: 8/6/2025 11:10

Sample ID: 25H0436-12

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	8/11/25	8/12/25 20:37	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 20:37	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		104		70-130				8/12/25 20:37	
Toluene-d8		100		70-130				8/12/25 20:37	
4-Bromofluorobenzene		90.6		70-130				8/12/25 20:37	



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: OBS1-CP-00-20250806

Sampled: 8/6/2025 11:10

Sample ID: 25H0436-12

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/11/25	8/12/25 20:37	MF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: BP5B-CP-00-20250806

Sampled: 8/6/2025 13:01

Sample ID: 25H0436-13

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	450	50	µg/L	1	V-06	SW-846 8260D	8/11/25	8/12/25 21:03	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
Bromomethane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
Methyl Acetate	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: **BP5B-CP-00-20250806**

Sampled: 8/6/2025 13:01

Sample ID: **25H0436-13**

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	8/11/25	8/12/25 21:03	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/12/25 21:03	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		104	70-130					8/12/25 21:03	
Toluene-d8		99.6	70-130					8/12/25 21:03	
4-Bromofluorobenzene		87.8	70-130					8/12/25 21:03	



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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: BP5B-CP-00-20250806

Sampled: 8/6/2025 13:01

Sample ID: 25H0436-13

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/11/25	8/12/25 21:03	MF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: BP5B-CP-01-20250806

Sampled: 8/6/2025 13:01

Sample ID: 25H0436-14

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	330	50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: BP5B-CP-01-20250806

Sampled: 8/6/2025 13:01

Sample ID: 25H0436-14

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	8/11/25	8/14/25 10:06	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:06	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		103		70-130				8/14/25 10:06	
Toluene-d8		99.8		70-130				8/14/25 10:06	
4-Bromofluorobenzene		91.8		70-130				8/14/25 10:06	



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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: BP5B-CP-01-20250806

Sampled: 8/6/2025 13:01

Sample ID: 25H0436-14

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/11/25	8/14/25 10:06	MF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: BP5C-CP-00-20250806

Sampled: 8/6/2025 13:00

Sample ID: 25H0436-15

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	160	50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
1,1-Dichloroethane	4.6	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
1,1-Dichloroethylene	1.6	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: BP5C-CP-00-20250806

Sampled: 8/6/2025 13:00

Sample ID: 25H0436-15

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	8/11/25	8/14/25 10:33	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
1,1,1-Trichloroethane	1.2	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
Trichloroethylene	1.4	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 10:33	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		105		70-130				8/14/25 10:33	
Toluene-d8		98.9		70-130				8/14/25 10:33	
4-Bromofluorobenzene		89.4		70-130				8/14/25 10:33	



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: BP5C-CP-00-20250806

Sampled: 8/6/2025 13:00

Sample ID: 25H0436-15

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/11/25	8/14/25 10:33	MF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: BP13B-CP-00-20250806

Sampled: 8/6/2025 12:30

Sample ID: 25H0436-16

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	8/11/25	8/14/25 11:00	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: BP13B-CP-00-20250806

Sampled: 8/6/2025 12:30

Sample ID: 25H0436-16

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	8/11/25	8/14/25 11:00	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:00	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		105		70-130				8/14/25 11:00	
Toluene-d8		100		70-130				8/14/25 11:00	
4-Bromofluorobenzene		90.8		70-130				8/14/25 11:00	



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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: BP13B-CP-00-20250806

Sampled: 8/6/2025 12:30

Sample ID: 25H0436-16

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/11/25	8/14/25 11:00	MF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: BP13C-CP-00-20250806

Sampled: 8/6/2025 12:31

Sample ID: 25H0436-17

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	540	50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: BP13C-CP-00-20250806

Sampled: 8/6/2025 12:31

Sample ID: 25H0436-17

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	8/11/25	8/14/25 11:26	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:26	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		104		70-130				8/14/25 11:26	
Toluene-d8		100		70-130				8/14/25 11:26	
4-Bromofluorobenzene		87.9		70-130				8/14/25 11:26	



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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: **BP13C-CP-00-20250806**

Sampled: 8/6/2025 12:31

Sample ID: **25H0436-17**

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/11/25	8/14/25 11:26	MF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: EW14D-CP-00-20250806

Sampled: 8/6/2025 09:50

Sample ID: 25H0436-18

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	560	50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: EW14D-CP-00-20250806

Sampled: 8/6/2025 09:50

Sample ID: 25H0436-18

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	8/11/25	8/14/25 11:53	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
Trichloroethylene	11	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 11:53	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		104		70-130				8/14/25 11:53	
Toluene-d8		99.0		70-130				8/14/25 11:53	
4-Bromofluorobenzene		88.9		70-130				8/14/25 11:53	



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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: EW14D-CP-00-20250806

Sampled: 8/6/2025 09:50

Sample ID: 25H0436-18

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/11/25	8/14/25 11:53	MF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: EW11D-CP-00-20250806

Sampled: 8/6/2025 09:40

Sample ID: 25H0436-19

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	130	50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
1,1-Dichloroethane	2.8	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
1,1-Dichloroethylene	13	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
cis-1,2-Dichloroethylene	4.3	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: EW11D-CP-00-20250806

Sampled: 8/6/2025 09:40

Sample ID: 25H0436-19

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	8/11/25	8/14/25 13:40	MFF
Tetrachloroethylene	37	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
1,1,1-Trichloroethane	6.6	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
Trichloroethylene	120	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:40	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		105		70-130				8/14/25 13:40	
Toluene-d8		97.4		70-130				8/14/25 13:40	
4-Bromofluorobenzene		88.9		70-130				8/14/25 13:40	



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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: EW11D-CP-00-20250806

Sampled: 8/6/2025 09:40

Sample ID: 25H0436-19

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/11/25	8/14/25 13:40	MF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: EW12D-CP-00-20250806

Sampled: 8/6/2025 09:45

Sample ID: 25H0436-20

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	570	200	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
Benzene	ND	4.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
Bromochloromethane	ND	4.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
Bromodichloromethane	ND	2.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
Bromoform	ND	4.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
Bromomethane	ND	8.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
2-Butanone (MEK)	ND	80	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
n-Butylbenzene	ND	4.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
sec-Butylbenzene	ND	4.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
tert-Butylbenzene	ND	4.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
Carbon Disulfide	ND	20	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
Carbon Tetrachloride	ND	20	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
Chlorobenzene	ND	4.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
Chlorodibromomethane	ND	2.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
Chloroethane	ND	8.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
Chloroform	ND	8.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
Chloromethane	ND	8.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
Cyclohexane	ND	20	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	20	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
1,2-Dibromoethane (EDB)	ND	2.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
1,2-Dichlorobenzene	ND	4.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
1,3-Dichlorobenzene	ND	4.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
1,4-Dichlorobenzene	ND	4.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
Dichlorodifluoromethane (Freon 12)	ND	8.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
1,1-Dichloroethane	ND	4.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
1,2-Dichloroethane	ND	4.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
1,1-Dichloroethylene	ND	4.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
cis-1,2-Dichloroethylene	4.7	4.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
trans-1,2-Dichloroethylene	ND	4.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
1,2-Dichloropropane	ND	4.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
cis-1,3-Dichloropropene	ND	2.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
trans-1,3-Dichloropropene	ND	2.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
Ethylbenzene	ND	4.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
2-Hexanone (MBK)	ND	40	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
Isopropylbenzene (Cumene)	ND	4.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
p-Isopropyltoluene (p-Cymene)	ND	4.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
Methyl Acetate	ND	4.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
Methyl tert-Butyl Ether (MTBE)	ND	4.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
Methyl Cyclohexane	ND	4.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
Methylene Chloride	ND	20	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
4-Methyl-2-pentanone (MIBK)	ND	40	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
Naphthalene	ND	8.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
n-Propylbenzene	ND	4.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
Styrene	ND	4.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: EW12D-CP-00-20250806

Sampled: 8/6/2025 09:45

Sample ID: 25H0436-20

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
Tetrachloroethylene	24	4.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
Toluene	ND	4.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
1,2,3-Trichlorobenzene	ND	20	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
1,2,4-Trichlorobenzene	ND	4.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
1,1,1-Trichloroethane	ND	4.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
1,1,2-Trichloroethane	ND	4.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
Trichloroethylene	330	4.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
Trichlorofluoromethane (Freon 11)	ND	8.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
1,2,3-Trichloropropane	ND	8.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	4.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
1,2,4-Trimethylbenzene	ND	4.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
1,3,5-Trimethylbenzene	ND	4.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
Vinyl Chloride	ND	8.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
m+p Xylene	ND	8.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
o-Xylene	ND	4.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
Xylenes (total)	ND	4.0	µg/L	4		SW-846 8260D	8/11/25	8/14/25 14:06	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		104		70-130				8/14/25 14:06	
Toluene-d8		99.0		70-130				8/14/25 14:06	
4-Bromofluorobenzene		86.1		70-130				8/14/25 14:06	



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: EW12D-CP-00-20250806

Sampled: 8/6/2025 09:45

Sample ID: 25H0436-20

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			4			SW-846 8260D	8/11/25	8/14/25 14:06	MF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: EW4A-CP-00-20250806

Sampled: 8/6/2025 11:39

Sample ID: 25H0436-21

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	190	50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
cis-1,2-Dichloroethylene	52	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: EW4A-CP-00-20250806

Sampled: 8/6/2025 11:39

Sample ID: 25H0436-21

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	8/11/25	8/14/25 12:20	MFF
Tetrachloroethylene	29	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
Trichloroethylene	4.1	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:20	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		104		70-130				8/14/25 12:20	
Toluene-d8		101		70-130				8/14/25 12:20	
4-Bromofluorobenzene		88.6		70-130				8/14/25 12:20	



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: EW4A-CP-00-20250806

Sampled: 8/6/2025 11:39

Sample ID: 25H0436-21

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/11/25	8/14/25 12:20	MF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: EW4B-CP-00-20250806

Sampled: 8/6/2025 11:40

Sample ID: 25H0436-22

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	480	50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: EW4B-CP-00-20250806

Sampled: 8/6/2025 11:40

Sample ID: 25H0436-22

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	8/11/25	8/14/25 12:46	MFF
Tetrachloroethylene	1.4	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
Trichloroethylene	2.0	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 12:46	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		106	70-130					8/14/25 12:46	
Toluene-d8		99.3	70-130					8/14/25 12:46	
4-Bromofluorobenzene		85.5	70-130					8/14/25 12:46	



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: EW4B-CP-00-20250806

Sampled: 8/6/2025 11:40

Sample ID: 25H0436-22

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/11/25	8/14/25 12:46	MF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: EW4C-CP-00-20250806

Sampled: 8/6/2025 11:41

Sample ID: 25H0436-23

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	280	50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: EW4C-CP-00-20250806

Sampled: 8/6/2025 11:41

Sample ID: 25H0436-23

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	8/11/25	8/14/25 13:13	MFF
Tetrachloroethylene	2.5	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
Trichloroethylene	29	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/11/25	8/14/25 13:13	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		105		70-130				8/14/25 13:13	
Toluene-d8		98.7		70-130				8/14/25 13:13	
4-Bromofluorobenzene		90.2		70-130				8/14/25 13:13	



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: Old BEthpage, New York

Sample Description:

Work Order: 25H0436

Date Received: 8/8/2025

Field Sample #: EW4C-CP-00-20250806

Sampled: 8/6/2025 11:41

Sample ID: 25H0436-23

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/11/25	8/14/25 13:13	MF

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Sample Extraction Data

Prep Method:EPA 1633 Analytical Method:EPA 1633A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
25H0436-02 [MW-CPC-36-25-251-20250806-0]	B411093	505	4.00	08/18/25
25H0436-02RE1 [MW-CPC-36-25-251-20250806-0]	B411093	505	4.00	08/18/25
25H0436-03 [MW-CPC-37-25-445-20250806-0]	B411093	526	4.00	08/18/25
25H0436-04 [MW-CPC-38-25-391-20250805-0]	B411093	542	4.00	08/18/25
25H0436-05 [MW-CPC-38-25-391-20250805-1]	B411093	543	4.00	08/18/25
25H0436-06 [MW-CPC-39-25-374-20250804-0]	B411093	487	4.00	08/18/25
25H0436-07 [MW-CPC-40-25-312-20250805-0]	B411093	551	4.00	08/18/25
25H0436-08 [MW-CPC-40-25-312-20250805-2]	B411093	538	4.00	08/18/25
25H0436-09 [MW-CPC-41-25-258-20250807-0]	B411093	511	4.00	08/18/25

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
25H0436-01 [TB-CPC-QC-20250807]	B411121	5	5.00	08/11/25
25H0436-02 [MW-CPC-36-25-251-20250806-0]	B411121	5	5.00	08/11/25

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
25H0436-03 [MW-CPC-37-25-445-20250806-0]	B411122	5	5.00	08/11/25
25H0436-04 [MW-CPC-38-25-391-20250805-0]	B411122	5	5.00	08/11/25
25H0436-05 [MW-CPC-38-25-391-20250805-1]	B411122	5	5.00	08/11/25
25H0436-06 [MW-CPC-39-25-374-20250804-0]	B411122	5	5.00	08/11/25
25H0436-07 [MW-CPC-40-25-312-20250805-0]	B411122	5	5.00	08/11/25
25H0436-09 [MW-CPC-41-25-258-20250807-0]	B411122	5	5.00	08/11/25
25H0436-10 [MW6F-CP-00-20250806]	B411122	5	5.00	08/11/25
25H0436-11 [MW5B-CP-00-20250806]	B411122	5	5.00	08/11/25
25H0436-12 [OBS1-CP-00-20250806]	B411122	5	5.00	08/11/25
25H0436-13 [BP5B-CP-00-20250806]	B411122	5	5.00	08/11/25

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
25H0436-14 [BP5B-CP-01-20250806]	B411129	5	5.00	08/11/25
25H0436-15 [BP5C-CP-00-20250806]	B411129	5	5.00	08/11/25
25H0436-16 [BP13B-CP-00-20250806]	B411129	5	5.00	08/11/25
25H0436-17 [BP13C-CP-00-20250806]	B411129	5	5.00	08/11/25
25H0436-18 [EW14D-CP-00-20250806]	B411129	5	5.00	08/11/25
25H0436-19 [EW11D-CP-00-20250806]	B411129	5	5.00	08/11/25
25H0436-20 [EW12D-CP-00-20250806]	B411129	1.25	5.00	08/11/25
25H0436-21 [EW4A-CP-00-20250806]	B411129	5	5.00	08/11/25
25H0436-22 [EW4B-CP-00-20250806]	B411129	5	5.00	08/11/25
25H0436-23 [EW4C-CP-00-20250806]	B411129	5	5.00	08/11/25

Prep Method:SW-846 3510C Analytical Method:SW-846 8270E

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
25H0436-06 [MW-CPC-39-25-374-20250804-0]	B411125	980	1.00	08/11/25



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Sample Extraction Data

Prep Method:SW-846 3510C Analytical Method:SW-846 8270E

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
25H0436-04 [MW-CPC-38-25-391-20250805-0]	B411184	980	1.00	08/12/25
25H0436-05 [MW-CPC-38-25-391-20250805-1]	B411184	1040	1.00	08/12/25
25H0436-07 [MW-CPC-40-25-312-20250805-0]	B411184	1020	1.00	08/12/25

Prep Method:SW-846 3510C Analytical Method:SW-846 8270E

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
25H0436-02 [MW-CPC-36-25-251-20250806-0]	B411277	1020	1.00	08/13/25
25H0436-03 [MW-CPC-37-25-445-20250806-0]	B411277	1040	1.00	08/13/25
25H0436-09 [MW-CPC-41-25-258-20250807-0]	B411277	1000	1.00	08/13/25

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B411121 - SW-846 5030B

Blank (B411121-BLK1)

Prepared: 08/11/25 Analyzed: 08/12/25

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

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B411121 - SW-846 5030B										
Blank (B411121-BLK1)										
					Prepared: 08/11/25 Analyzed: 08/12/25					
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,2,3-Trichloropropane	ND	2.0	µg/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L							
1,2,4-Trimethylbenzene	ND	1.0	µg/L							
1,3,5-Trimethylbenzene	ND	1.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	1.0	µg/L							
Xylenes (total)	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	22.7		µg/L	25.00		90.9	70-130			
Surrogate: Toluene-d8	24.5		µg/L	25.00		97.9	70-130			
Surrogate: 4-Bromofluorobenzene	22.1		µg/L	25.00		88.5	70-130			
LCS (B411121-BS1)										
					Prepared: 08/11/25 Analyzed: 08/12/25					
Acetone	80.9	50	µg/L	100.0		80.9	70-160			†
Benzene	10.3	1.0	µg/L	10.00		103	70-130			
Bromochloromethane	10.1	1.0	µg/L	10.00		101	70-130			
Bromodichloromethane	9.45	0.50	µg/L	10.00		94.5	70-130			
Bromoform	9.16	1.0	µg/L	10.00		91.6	70-130			
Bromomethane	9.07	2.0	µg/L	10.00		90.7	40-160			†
2-Butanone (MEK)	92.0	20	µg/L	100.0		92.0	40-160			†
n-Butylbenzene	9.88	1.0	µg/L	10.00		98.8	70-130			
sec-Butylbenzene	11.1	1.0	µg/L	10.00		111	70-130			
tert-Butylbenzene	10.8	1.0	µg/L	10.00		108	70-130			
Carbon Disulfide	91.1	5.0	µg/L	100.0		91.1	70-130			
Carbon Tetrachloride	8.53	5.0	µg/L	10.00		85.3	70-130			
Chlorobenzene	11.0	1.0	µg/L	10.00		110	70-130			
Chlorodibromomethane	9.86	0.50	µg/L	10.00		98.6	70-130			
Chloroethane	8.90	2.0	µg/L	10.00		89.0	70-130			
Chloroform	9.76	2.0	µg/L	10.00		97.6	70-130			
Chloromethane	8.61	2.0	µg/L	10.00		86.1	40-160			†
Cyclohexane	9.59	5.0	µg/L	10.00		95.9	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	8.58	5.0	µg/L	10.00		85.8	70-130			
1,2-Dibromoethane (EDB)	10.4	0.50	µg/L	10.00		104	70-130			
1,2-Dichlorobenzene	10.2	1.0	µg/L	10.00		102	70-130			
1,3-Dichlorobenzene	10.5	1.0	µg/L	10.00		105	70-130			
1,4-Dichlorobenzene	10.4	1.0	µg/L	10.00		104	70-130			
Dichlorodifluoromethane (Freon 12)	10.4	2.0	µg/L	10.00		104	40-160			†
1,1-Dichloroethane	9.90	1.0	µg/L	10.00		99.0	70-130			
1,2-Dichloroethane	9.07	1.0	µg/L	10.00		90.7	70-130			
1,1-Dichloroethylene	7.92	1.0	µg/L	10.00		79.2	70-130			V-05
cis-1,2-Dichloroethylene	9.49	1.0	µg/L	10.00		94.9	70-130			
trans-1,2-Dichloroethylene	8.70	1.0	µg/L	10.00		87.0	70-130			
1,2-Dichloropropane	9.98	1.0	µg/L	10.00		99.8	70-130			
cis-1,3-Dichloropropene	9.69	0.50	µg/L	10.00		96.9	70-130			
trans-1,3-Dichloropropene	10.7	0.50	µg/L	10.00		107	70-130			
Ethylbenzene	11.0	1.0	µg/L	10.00		110	70-130			
2-Hexanone (MBK)	87.2	10	µg/L	100.0		87.2	70-160			†
Isopropylbenzene (Cumene)	11.2	1.0	µg/L	10.00		112	70-130			
p-Isopropyltoluene (p-Cymene)	10.7	1.0	µg/L	10.00		107	70-130			
Methyl Acetate	6.98	1.0	µg/L	10.00		69.8	* 70-130			
Methyl tert-Butyl Ether (MTBE)	9.26	1.0	µg/L	10.00		92.6	70-130			V-05, L-07

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

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B411121 - SW-846 5030B

LCS (B411121-BS1)

Prepared: 08/11/25 Analyzed: 08/12/25

Methyl Cyclohexane	11.3	1.0	µg/L	10.00		113	70-130			
Methylene Chloride	9.08	5.0	µg/L	10.00		90.8	70-130			
4-Methyl-2-pentanone (MIBK)	91.3	10	µg/L	100.0		91.3	70-160			†
Naphthalene	9.72	2.0	µg/L	10.00		97.2	40-130			†
n-Propylbenzene	11.1	1.0	µg/L	10.00		111	70-130			
Styrene	10.9	1.0	µg/L	10.00		109	70-130			
1,1,2,2-Tetrachloroethane	9.86	0.50	µg/L	10.00		98.6	70-130			
Tetrachloroethylene	11.0	1.0	µg/L	10.00		110	70-130			
Toluene	10.6	1.0	µg/L	10.00		106	70-130			
1,2,3-Trichlorobenzene	11.6	5.0	µg/L	10.00		116	70-130			
1,2,4-Trichlorobenzene	10.7	1.0	µg/L	10.00		107	70-130			
1,1,1-Trichloroethane	9.86	1.0	µg/L	10.00		98.6	70-130			
1,1,2-Trichloroethane	10.4	1.0	µg/L	10.00		104	70-130			
Trichloroethylene	10.6	1.0	µg/L	10.00		106	70-130			
Trichlorofluoromethane (Freon 11)	9.17	2.0	µg/L	10.00		91.7	70-130			
1,2,3-Trichloropropane	8.37	2.0	µg/L	10.00		83.7	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.41	1.0	µg/L	10.00		84.1	70-130			
1,2,4-Trimethylbenzene	10.5	1.0	µg/L	10.00		105	70-130			
1,3,5-Trimethylbenzene	11.0	1.0	µg/L	10.00		110	70-130			
Vinyl Chloride	9.40	2.0	µg/L	10.00		94.0	40-160			†
m+p Xylene	21.4	2.0	µg/L	20.00		107	70-130			
o-Xylene	10.8	1.0	µg/L	10.00		108	70-130			
Xylenes (total)	32.2	1.0	µg/L	30.00		107	0-200			
Surrogate: 1,2-Dichloroethane-d4	21.9		µg/L	25.00		87.8	70-130			
Surrogate: Toluene-d8	25.0		µg/L	25.00		99.9	70-130			
Surrogate: 4-Bromofluorobenzene	24.0		µg/L	25.00		96.0	70-130			

LCS Dup (B411121-BS1)

Prepared: 08/11/25 Analyzed: 08/12/25

Acetone	82.2	50	µg/L	100.0		82.2	70-160	1.56	25	†
Benzene	10.6	1.0	µg/L	10.00		106	70-130	2.96	25	
Bromochloromethane	10.9	1.0	µg/L	10.00		109	70-130	7.44	25	
Bromodichloromethane	10.6	0.50	µg/L	10.00		106	70-130	11.7	25	
Bromoform	10.3	1.0	µg/L	10.00		103	70-130	11.6	25	
Bromomethane	9.16	2.0	µg/L	10.00		91.6	40-160	0.987	25	†
2-Butanone (MEK)	94.9	20	µg/L	100.0		94.9	40-160	3.02	25	†
n-Butylbenzene	11.2	1.0	µg/L	10.00		112	70-130	12.2	25	
sec-Butylbenzene	11.6	1.0	µg/L	10.00		116	70-130	4.59	25	
tert-Butylbenzene	11.8	1.0	µg/L	10.00		118	70-130	9.31	25	
Carbon Disulfide	94.5	5.0	µg/L	100.0		94.5	70-130	3.65	25	
Carbon Tetrachloride	8.89	5.0	µg/L	10.00		88.9	70-130	4.13	25	
Chlorobenzene	11.9	1.0	µg/L	10.00		119	70-130	7.50	25	
Chlorodibromomethane	10.5	0.50	µg/L	10.00		105	70-130	6.19	25	
Chloroethane	8.50	2.0	µg/L	10.00		85.0	70-130	4.60	25	
Chloroform	10.2	2.0	µg/L	10.00		102	70-130	4.31	25	
Chloromethane	8.47	2.0	µg/L	10.00		84.7	40-160	1.64	25	†
Cyclohexane	10.1	5.0	µg/L	10.00		101	70-130	4.78	25	
1,2-Dibromo-3-chloropropane (DBCP)	8.34	5.0	µg/L	10.00		83.4	70-130	2.84	25	
1,2-Dibromoethane (EDB)	11.0	0.50	µg/L	10.00		110	70-130	5.70	25	
1,2-Dichlorobenzene	10.7	1.0	µg/L	10.00		107	70-130	5.56	25	
1,3-Dichlorobenzene	11.2	1.0	µg/L	10.00		112	70-130	5.90	25	
1,4-Dichlorobenzene	10.7	1.0	µg/L	10.00		107	70-130	2.18	25	
Dichlorodifluoromethane (Freon 12)	10.5	2.0	µg/L	10.00		105	40-160	1.34	25	†

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

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B411121 - SW-846 5030B										
LCS Dup (B411121-BSD1)										
					Prepared: 08/11/25 Analyzed: 08/12/25					
1,1-Dichloroethane	10.3	1.0	µg/L	10.00		103	70-130	3.57	25	
1,2-Dichloroethane	9.97	1.0	µg/L	10.00		99.7	70-130	9.45	25	
1,1-Dichloroethylene	8.49	1.0	µg/L	10.00		84.9	70-130	6.95	25	V-05
cis-1,2-Dichloroethylene	10.0	1.0	µg/L	10.00		100	70-130	5.43	25	
trans-1,2-Dichloroethylene	9.04	1.0	µg/L	10.00		90.4	70-130	3.83	25	
1,2-Dichloropropane	10.6	1.0	µg/L	10.00		106	70-130	6.40	25	
cis-1,3-Dichloropropene	10.7	0.50	µg/L	10.00		107	70-130	10.2	25	
trans-1,3-Dichloropropene	11.4	0.50	µg/L	10.00		114	70-130	6.07	25	
Ethylbenzene	12.1	1.0	µg/L	10.00		121	70-130	9.42	25	
2-Hexanone (MBK)	97.3	10	µg/L	100.0		97.3	70-160	10.9	25	†
Isopropylbenzene (Cumene)	12.3	1.0	µg/L	10.00		123	70-130	8.77	25	
p-Isopropyltoluene (p-Cymene)	11.4	1.0	µg/L	10.00		114	70-130	6.36	25	
Methyl Acetate	7.39	1.0	µg/L	10.00		73.9	70-130	5.71	25	V-05
Methyl tert-Butyl Ether (MTBE)	9.57	1.0	µg/L	10.00		95.7	70-130	3.29	25	
Methyl Cyclohexane	12.0	1.0	µg/L	10.00		120	70-130	6.18	25	
Methylene Chloride	9.05	5.0	µg/L	10.00		90.5	70-130	0.331	25	
4-Methyl-2-pentanone (MIBK)	98.0	10	µg/L	100.0		98.0	70-160	7.13	25	†
Naphthalene	10.6	2.0	µg/L	10.00		106	40-130	8.57	25	†
n-Propylbenzene	11.9	1.0	µg/L	10.00		119	70-130	7.56	25	
Styrene	11.9	1.0	µg/L	10.00		119	70-130	8.25	25	
1,1,2,2-Tetrachloroethane	10.2	0.50	µg/L	10.00		102	70-130	3.78	25	
Tetrachloroethylene	12.0	1.0	µg/L	10.00		120	70-130	9.13	25	
Toluene	11.6	1.0	µg/L	10.00		116	70-130	8.37	25	
1,2,3-Trichlorobenzene	11.9	5.0	µg/L	10.00		119	70-130	3.24	25	
1,2,4-Trichlorobenzene	12.1	1.0	µg/L	10.00		121	70-130	12.3	25	
1,1,1-Trichloroethane	10.0	1.0	µg/L	10.00		100	70-130	1.61	25	
1,1,2-Trichloroethane	11.6	1.0	µg/L	10.00		116	70-130	10.4	25	
Trichloroethylene	11.2	1.0	µg/L	10.00		112	70-130	5.80	25	
Trichlorofluoromethane (Freon 11)	9.58	2.0	µg/L	10.00		95.8	70-130	4.37	25	
1,2,3-Trichloropropane	9.36	2.0	µg/L	10.00		93.6	70-130	11.2	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.15	1.0	µg/L	10.00		91.5	70-130	8.43	25	
1,2,4-Trimethylbenzene	11.2	1.0	µg/L	10.00		112	70-130	6.82	25	
1,3,5-Trimethylbenzene	12.0	1.0	µg/L	10.00		120	70-130	8.90	25	
Vinyl Chloride	9.95	2.0	µg/L	10.00		99.5	40-160	5.68	25	†
m+p Xylene	23.5	2.0	µg/L	20.00		117	70-130	9.23	25	
o-Xylene	11.8	1.0	µg/L	10.00		118	70-130	8.58	25	
Xylenes (total)	35.3	1.0	µg/L	30.00		118	0-200	9.01		
Surrogate: 1,2-Dichloroethane-d4	21.7		µg/L	25.00		86.6	70-130			
Surrogate: Toluene-d8	25.3		µg/L	25.00		101	70-130			
Surrogate: 4-Bromofluorobenzene	25.6		µg/L	25.00		102	70-130			

Batch B411122 - SW-846 5030B

Blank (B411122-BLK1)

Prepared: 08/11/25 Analyzed: 08/12/25

Acetone	ND	50	µg/L							
Benzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	5.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
n-Butylbenzene	ND	1.0	µg/L							

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 B411122 - SW-846 5030B

Blank (B411122-BLK1)

Prepared: 08/11/25 Analyzed: 08/12/25

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	2.0	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							
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							

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

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B411122 - SW-846 5030B										
Blank (B411122-BLK1)										
Prepared: 08/11/25 Analyzed: 08/12/25										
o-Xylene	ND	1.0	µg/L							
Xylenes (total)	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	26.4		µg/L	25.00		106	70-130			
Surrogate: Toluene-d8	25.0		µg/L	25.00		99.9	70-130			
Surrogate: 4-Bromofluorobenzene	22.3		µg/L	25.00		89.1	70-130			
LCS (B411122-BS1)										
Prepared: 08/11/25 Analyzed: 08/12/25										
Acetone	124	50	µg/L	100.0		124	70-160			V-06 †
Benzene	10.9	1.0	µg/L	10.00		109	70-130			
Bromochloromethane	11.2	1.0	µg/L	10.00		112	70-130			
Bromodichloromethane	11.4	0.50	µg/L	10.00		114	70-130			
Bromoform	9.62	1.0	µg/L	10.00		96.2	70-130			
Bromomethane	16.1	5.0	µg/L	10.00		161 *	40-160			L-07, V-20 †
2-Butanone (MEK)	115	20	µg/L	100.0		115	40-160			†
n-Butylbenzene	10.8	1.0	µg/L	10.00		108	70-130			
sec-Butylbenzene	10.6	1.0	µg/L	10.00		106	70-130			
tert-Butylbenzene	10.6	1.0	µg/L	10.00		106	70-130			
Carbon Disulfide	112	5.0	µg/L	100.0		112	70-130			
Carbon Tetrachloride	10.3	5.0	µg/L	10.00		103	70-130			
Chlorobenzene	11.4	1.0	µg/L	10.00		114	70-130			
Chlorodibromomethane	10.6	0.50	µg/L	10.00		106	70-130			
Chloroethane	12.9	2.0	µg/L	10.00		129	70-130			V-20
Chloroform	11.6	2.0	µg/L	10.00		116	70-130			
Chloromethane	19.5	2.0	µg/L	10.00		195 *	40-160			L-02, V-20 †
Cyclohexane	10.4	5.0	µg/L	10.00		104	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	9.36	5.0	µg/L	10.00		93.6	70-130			
1,2-Dibromoethane (EDB)	10.9	0.50	µg/L	10.00		109	70-130			
1,2-Dichlorobenzene	10.7	1.0	µg/L	10.00		107	70-130			
1,3-Dichlorobenzene	10.8	1.0	µg/L	10.00		108	70-130			
1,4-Dichlorobenzene	10.6	1.0	µg/L	10.00		106	70-130			
Dichlorodifluoromethane (Freon 12)	9.39	2.0	µg/L	10.00		93.9	40-160			†
1,1-Dichloroethane	11.1	1.0	µg/L	10.00		111	70-130			
1,2-Dichloroethane	11.7	1.0	µg/L	10.00		117	70-130			
1,1-Dichloroethylene	12.3	1.0	µg/L	10.00		123	70-130			V-06
cis-1,2-Dichloroethylene	11.7	1.0	µg/L	10.00		117	70-130			
trans-1,2-Dichloroethylene	10.8	1.0	µg/L	10.00		108	70-130			
1,2-Dichloropropane	11.6	1.0	µg/L	10.00		116	70-130			
cis-1,3-Dichloropropene	10.3	0.50	µg/L	10.00		103	70-130			
trans-1,3-Dichloropropene	10.4	0.50	µg/L	10.00		104	70-130			
Ethylbenzene	11.0	1.0	µg/L	10.00		110	70-130			
2-Hexanone (MBK)	114	10	µg/L	100.0		114	70-160			†
Isopropylbenzene (Cumene)	10.7	1.0	µg/L	10.00		107	70-130			
p-Isopropyltoluene (p-Cymene)	10.9	1.0	µg/L	10.00		109	70-130			
Methyl Acetate	8.69	2.0	µg/L	10.00		86.9	70-130			
Methyl tert-Butyl Ether (MTBE)	10.9	1.0	µg/L	10.00		109	70-130			
Methyl Cyclohexane	11.0	1.0	µg/L	10.00		110	70-130			
Methylene Chloride	10.2	5.0	µg/L	10.00		102	70-130			
4-Methyl-2-pentanone (MIBK)	117	10	µg/L	100.0		117	70-160			†
Naphthalene	9.92	2.0	µg/L	10.00		99.2	40-130			†
n-Propylbenzene	10.8	1.0	µg/L	10.00		108	70-130			
Styrene	11.1	1.0	µg/L	10.00		111	70-130			
1,1,2,2-Tetrachloroethane	11.3	0.50	µg/L	10.00		113	70-130			

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

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B411122 - SW-846 5030B										
LCS (B411122-BS1)										
					Prepared: 08/11/25 Analyzed: 08/12/25					
Tetrachloroethylene	11.8	1.0	µg/L	10.00		118	70-130			
Toluene	11.2	1.0	µg/L	10.00		112	70-130			
1,2,3-Trichlorobenzene	10.3	5.0	µg/L	10.00		103	70-130			
1,2,4-Trichlorobenzene	10.6	1.0	µg/L	10.00		106	70-130			
1,1,1-Trichloroethane	10.9	1.0	µg/L	10.00		109	70-130			
1,1,2-Trichloroethane	11.3	1.0	µg/L	10.00		113	70-130			
Trichloroethylene	11.2	1.0	µg/L	10.00		112	70-130			
Trichlorofluoromethane (Freon 11)	12.5	2.0	µg/L	10.00		125	70-130			V-20
1,2,3-Trichloropropane	10.8	2.0	µg/L	10.00		108	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	13.2	1.0	µg/L	10.00		132	* 70-130			L-02, V-20
1,2,4-Trimethylbenzene	10.3	1.0	µg/L	10.00		103	70-130			
1,3,5-Trimethylbenzene	10.4	1.0	µg/L	10.00		104	70-130			
Vinyl Chloride	10.4	2.0	µg/L	10.00		104	40-160			†
m+p Xylene	21.5	2.0	µg/L	20.00		107	70-130			
o-Xylene	10.5	1.0	µg/L	10.00		105	70-130			
Xylenes (total)	31.9	1.0	µg/L	30.00		106	0-200			
Surrogate: 1,2-Dichloroethane-d4	26.4		µg/L	25.00		106	70-130			
Surrogate: Toluene-d8	25.6		µg/L	25.00		102	70-130			
Surrogate: 4-Bromofluorobenzene	23.2		µg/L	25.00		93.0	70-130			
LCS Dup (B411122-BS1)										
					Prepared: 08/11/25 Analyzed: 08/12/25					
Acetone	125	50	µg/L	100.0		125	70-160	0.971	25	V-06 †
Benzene	11.0	1.0	µg/L	10.00		110	70-130	0.824	25	
Bromochloromethane	11.2	1.0	µg/L	10.00		112	70-130	0.358	25	
Bromodichloromethane	11.4	0.50	µg/L	10.00		114	70-130	0.352	25	
Bromoform	9.80	1.0	µg/L	10.00		98.0	70-130	1.85	25	
Bromomethane	15.5	5.0	µg/L	10.00		155	40-160	3.54	25	V-20 †
2-Butanone (MEK)	116	20	µg/L	100.0		116	40-160	0.954	25	†
n-Butylbenzene	10.9	1.0	µg/L	10.00		109	70-130	1.29	25	
sec-Butylbenzene	10.5	1.0	µg/L	10.00		105	70-130	0.284	25	
tert-Butylbenzene	10.7	1.0	µg/L	10.00		107	70-130	0.843	25	
Carbon Disulfide	115	5.0	µg/L	100.0		115	70-130	2.56	25	
Carbon Tetrachloride	10.5	5.0	µg/L	10.00		105	70-130	2.02	25	
Chlorobenzene	11.6	1.0	µg/L	10.00		116	70-130	1.74	25	
Chlorodibromomethane	10.5	0.50	µg/L	10.00		105	70-130	0.663	25	
Chloroethane	13.4	2.0	µg/L	10.00		134	* 70-130	3.27	25	L-07, V-20
Chloroform	11.8	2.0	µg/L	10.00		118	70-130	1.28	25	
Chloromethane	20.9	2.0	µg/L	10.00		209	* 40-160	7.04	25	L-02, V-20 †
Cyclohexane	11.0	5.0	µg/L	10.00		110	70-130	5.61	25	
1,2-Dibromo-3-chloropropane (DBCP)	9.32	5.0	µg/L	10.00		93.2	70-130	0.428	25	
1,2-Dibromoethane (EDB)	10.9	0.50	µg/L	10.00		109	70-130	0.643	25	
1,2-Dichlorobenzene	11.0	1.0	µg/L	10.00		110	70-130	2.21	25	
1,3-Dichlorobenzene	10.7	1.0	µg/L	10.00		107	70-130	0.651	25	
1,4-Dichlorobenzene	10.7	1.0	µg/L	10.00		107	70-130	1.69	25	
Dichlorodifluoromethane (Freon 12)	9.72	2.0	µg/L	10.00		97.2	40-160	3.45	25	†
1,1-Dichloroethane	11.7	1.0	µg/L	10.00		117	70-130	5.08	25	
1,2-Dichloroethane	11.9	1.0	µg/L	10.00		119	70-130	1.86	25	
1,1-Dichloroethylene	12.7	1.0	µg/L	10.00		127	70-130	2.56	25	V-06
cis-1,2-Dichloroethylene	11.7	1.0	µg/L	10.00		117	70-130	0.171	25	
trans-1,2-Dichloroethylene	11.4	1.0	µg/L	10.00		114	70-130	5.78	25	
1,2-Dichloropropane	11.6	1.0	µg/L	10.00		116	70-130	0.344	25	
cis-1,3-Dichloropropene	10.2	0.50	µg/L	10.00		102	70-130	0.292	25	

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

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B411122 - SW-846 5030B										
LCS Dup (B411122-BSD1)										
					Prepared: 08/11/25 Analyzed: 08/12/25					
trans-1,3-Dichloropropene	9.98	0.50	µg/L	10.00		99.8	70-130	3.83	25	
Ethylbenzene	11.2	1.0	µg/L	10.00		112	70-130	1.17	25	
2-Hexanone (MBK)	118	10	µg/L	100.0		118	70-160	2.94	25	†
Isopropylbenzene (Cumene)	10.7	1.0	µg/L	10.00		107	70-130	0.00	25	
p-Isopropyltoluene (p-Cymene)	10.9	1.0	µg/L	10.00		109	70-130	0.0918	25	
Methyl Acetate	8.84	2.0	µg/L	10.00		88.4	70-130	1.71	25	
Methyl tert-Butyl Ether (MTBE)	11.0	1.0	µg/L	10.00		110	70-130	1.10	25	
Methyl Cyclohexane	11.1	1.0	µg/L	10.00		111	70-130	1.18	25	
Methylene Chloride	9.91	5.0	µg/L	10.00		99.1	70-130	3.18	25	
4-Methyl-2-pentanone (MIBK)	118	10	µg/L	100.0		118	70-160	0.920	25	†
Naphthalene	10.3	2.0	µg/L	10.00		103	40-130	3.86	25	†
n-Propylbenzene	11.0	1.0	µg/L	10.00		110	70-130	2.02	25	
Styrene	11.2	1.0	µg/L	10.00		112	70-130	1.26	25	
1,1,2,2-Tetrachloroethane	11.3	0.50	µg/L	10.00		113	70-130	0.177	25	
Tetrachloroethylene	11.9	1.0	µg/L	10.00		119	70-130	0.843	25	
Toluene	11.4	1.0	µg/L	10.00		114	70-130	1.86	25	
1,2,3-Trichlorobenzene	11.0	5.0	µg/L	10.00		110	70-130	6.20	25	
1,2,4-Trichlorobenzene	10.7	1.0	µg/L	10.00		107	70-130	1.22	25	
1,1,1-Trichloroethane	11.5	1.0	µg/L	10.00		115	70-130	5.27	25	
1,1,2-Trichloroethane	11.0	1.0	µg/L	10.00		110	70-130	2.33	25	
Trichloroethylene	11.4	1.0	µg/L	10.00		114	70-130	2.39	25	
Trichlorofluoromethane (Freon 11)	12.2	2.0	µg/L	10.00		122	70-130	2.58	25	V-20
1,2,3-Trichloropropane	10.2	2.0	µg/L	10.00		102	70-130	5.81	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	13.5	1.0	µg/L	10.00		135	* 70-130	2.10	25	L-02, V-20
1,2,4-Trimethylbenzene	10.4	1.0	µg/L	10.00		104	70-130	1.07	25	
1,3,5-Trimethylbenzene	10.6	1.0	µg/L	10.00		106	70-130	2.00	25	
Vinyl Chloride	11.0	2.0	µg/L	10.00		110	40-160	5.88	25	†
m+p Xylene	21.7	2.0	µg/L	20.00		108	70-130	1.07	25	
o-Xylene	10.4	1.0	µg/L	10.00		104	70-130	0.287	25	
Xylenes (total)	32.1	1.0	µg/L	30.00		107	0-200	0.624		
Surrogate: 1,2-Dichloroethane-d4	25.9		µg/L	25.00		103	70-130			
Surrogate: Toluene-d8	25.4		µg/L	25.00		102	70-130			
Surrogate: 4-Bromofluorobenzene	23.3		µg/L	25.00		93.2	70-130			

Batch B411129 - SW-846 5030B

Blank (B411129-BLK1)

Prepared: 08/11/25 Analyzed: 08/14/25

Acetone	ND	50	µg/L							
Benzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
Carbon Disulfide	ND	5.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							

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

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B411129 - SW-846 5030B										
Blank (B411129-BLK1)										
Prepared: 08/11/25 Analyzed: 08/14/25										
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							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,2,3-Trichloropropane	ND	2.0	µg/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L							
1,2,4-Trimethylbenzene	ND	1.0	µg/L							
1,3,5-Trimethylbenzene	ND	1.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	1.0	µg/L							
Xylenes (total)	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	25.7		µg/L	25.00		103	70-130			
Surrogate: Toluene-d8	25.4		µg/L	25.00		102	70-130			
Surrogate: 4-Bromofluorobenzene	24.2		µg/L	25.00		96.8	70-130			

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 B411129 - SW-846 5030B										
LCS (B411129-BS1)										
					Prepared: 08/11/25 Analyzed: 08/14/25					
Acetone	93.4	50	µg/L	100.0		93.4	70-160			†
Benzene	11.2	1.0	µg/L	10.00		112	70-130			
Bromochloromethane	11.6	1.0	µg/L	10.00		116	70-130			
Bromodichloromethane	10.2	0.50	µg/L	10.00		102	70-130			
Bromoform	8.65	1.0	µg/L	10.00		86.5	70-130			
Bromomethane	9.03	2.0	µg/L	10.00		90.3	40-160			†
2-Butanone (MEK)	103	20	µg/L	100.0		103	40-160			†
n-Butylbenzene	10.2	1.0	µg/L	10.00		102	70-130			
sec-Butylbenzene	11.3	1.0	µg/L	10.00		113	70-130			
tert-Butylbenzene	11.1	1.0	µg/L	10.00		111	70-130			
Carbon Disulfide	111	5.0	µg/L	100.0		111	70-130			
Carbon Tetrachloride	9.44	5.0	µg/L	10.00		94.4	70-130			
Chlorobenzene	10.6	1.0	µg/L	10.00		106	70-130			
Chlorodibromomethane	9.72	0.50	µg/L	10.00		97.2	70-130			
Chloroethane	9.05	2.0	µg/L	10.00		90.5	70-130			
Chloroform	11.0	2.0	µg/L	10.00		110	70-130			
Chloromethane	10.2	2.0	µg/L	10.00		102	40-160			†
Cyclohexane	10.9	5.0	µg/L	10.00		109	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	8.54	5.0	µg/L	10.00		85.4	70-130			
1,2-Dibromoethane (EDB)	10.4	0.50	µg/L	10.00		104	70-130			
1,2-Dichlorobenzene	10.8	1.0	µg/L	10.00		108	70-130			
1,3-Dichlorobenzene	10.9	1.0	µg/L	10.00		109	70-130			
1,4-Dichlorobenzene	10.5	1.0	µg/L	10.00		105	70-130			
Dichlorodifluoromethane (Freon 12)	14.4	2.0	µg/L	10.00		144	40-160			V-20 †
1,1-Dichloroethane	10.7	1.0	µg/L	10.00		107	70-130			
1,2-Dichloroethane	10.5	1.0	µg/L	10.00		105	70-130			
1,1-Dichloroethylene	8.86	1.0	µg/L	10.00		88.6	70-130			
cis-1,2-Dichloroethylene	10.3	1.0	µg/L	10.00		103	70-130			
trans-1,2-Dichloroethylene	9.64	1.0	µg/L	10.00		96.4	70-130			
1,2-Dichloropropane	10.2	1.0	µg/L	10.00		102	70-130			
cis-1,3-Dichloropropene	10.1	0.50	µg/L	10.00		101	70-130			
trans-1,3-Dichloropropene	10.8	0.50	µg/L	10.00		108	70-130			
Ethylbenzene	10.7	1.0	µg/L	10.00		107	70-130			
2-Hexanone (MBK)	90.1	10	µg/L	100.0		90.1	70-160			†
Isopropylbenzene (Cumene)	10.6	1.0	µg/L	10.00		106	70-130			
p-Isopropyltoluene (p-Cymene)	11.2	1.0	µg/L	10.00		112	70-130			
Methyl Acetate	7.98	1.0	µg/L	10.00		79.8	70-130			
Methyl tert-Butyl Ether (MTBE)	10.3	1.0	µg/L	10.00		103	70-130			
Methyl Cyclohexane	12.1	1.0	µg/L	10.00		121	70-130			V-20
Methylene Chloride	9.81	5.0	µg/L	10.00		98.1	70-130			
4-Methyl-2-pentanone (MIBK)	91.5	10	µg/L	100.0		91.5	70-160			†
Naphthalene	8.74	2.0	µg/L	10.00		87.4	40-130			†
n-Propylbenzene	10.7	1.0	µg/L	10.00		107	70-130			
Styrene	10.5	1.0	µg/L	10.00		105	70-130			
1,1,2,2-Tetrachloroethane	9.12	0.50	µg/L	10.00		91.2	70-130			
Tetrachloroethylene	11.1	1.0	µg/L	10.00		111	70-130			
Toluene	10.4	1.0	µg/L	10.00		104	70-130			
1,2,3-Trichlorobenzene	11.3	5.0	µg/L	10.00		113	70-130			
1,2,4-Trichlorobenzene	11.0	1.0	µg/L	10.00		110	70-130			
1,1,1-Trichloroethane	10.9	1.0	µg/L	10.00		109	70-130			
1,1,2-Trichloroethane	10.1	1.0	µg/L	10.00		101	70-130			
Trichloroethylene	10.6	1.0	µg/L	10.00		106	70-130			

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

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B411129 - SW-846 5030B										
LCS (B411129-BS1)										
					Prepared: 08/11/25 Analyzed: 08/14/25					
Trichlorofluoromethane (Freon 11)	10.7	2.0	µg/L	10.00		107	70-130			
1,2,3-Trichloropropane	8.37	2.0	µg/L	10.00		83.7	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.6	1.0	µg/L	10.00		106	70-130			
1,2,4-Trimethylbenzene	10.6	1.0	µg/L	10.00		106	70-130			
1,3,5-Trimethylbenzene	10.4	1.0	µg/L	10.00		104	70-130			
Vinyl Chloride	10.5	2.0	µg/L	10.00		105	40-160			†
m+p Xylene	20.9	2.0	µg/L	20.00		104	70-130			
o-Xylene	10.4	1.0	µg/L	10.00		104	70-130			
Xylenes (total)	31.3	1.0	µg/L	30.00		104	0-200			
Surrogate: 1,2-Dichloroethane-d4	26.4		µg/L	25.00		106	70-130			
Surrogate: Toluene-d8	24.5		µg/L	25.00		98.0	70-130			
Surrogate: 4-Bromofluorobenzene	24.3		µg/L	25.00		97.3	70-130			
LCS Dup (B411129-BSD1)										
					Prepared: 08/11/25 Analyzed: 08/14/25					
Acetone	93.5	50	µg/L	100.0		93.5	70-160	0.0535	25	†
Benzene	11.2	1.0	µg/L	10.00		112	70-130	0.179	25	
Bromochloromethane	12.3	1.0	µg/L	10.00		123	70-130	6.11	25	
Bromodichloromethane	10.7	0.50	µg/L	10.00		107	70-130	5.55	25	
Bromoform	9.18	1.0	µg/L	10.00		91.8	70-130	5.95	25	
Bromomethane	9.94	2.0	µg/L	10.00		99.4	40-160	9.59	25	†
2-Butanone (MEK)	106	20	µg/L	100.0		106	40-160	3.74	25	†
n-Butylbenzene	11.2	1.0	µg/L	10.00		112	70-130	8.95	25	
sec-Butylbenzene	11.4	1.0	µg/L	10.00		114	70-130	0.968	25	
tert-Butylbenzene	11.4	1.0	µg/L	10.00		114	70-130	3.20	25	
Carbon Disulfide	117	5.0	µg/L	100.0		117	70-130	5.49	25	
Carbon Tetrachloride	9.86	5.0	µg/L	10.00		98.6	70-130	4.35	25	
Chlorobenzene	10.9	1.0	µg/L	10.00		109	70-130	2.61	25	
Chlorodibromomethane	10.0	0.50	µg/L	10.00		100	70-130	3.24	25	
Chloroethane	9.36	2.0	µg/L	10.00		93.6	70-130	3.37	25	
Chloroform	11.3	2.0	µg/L	10.00		113	70-130	2.78	25	
Chloromethane	10.8	2.0	µg/L	10.00		108	40-160	6.18	25	†
Cyclohexane	11.4	5.0	µg/L	10.00		114	70-130	3.86	25	
1,2-Dibromo-3-chloropropane (DBCP)	8.62	5.0	µg/L	10.00		86.2	70-130	0.932	25	
1,2-Dibromoethane (EDB)	10.7	0.50	µg/L	10.00		107	70-130	2.65	25	
1,2-Dichlorobenzene	10.2	1.0	µg/L	10.00		102	70-130	5.81	25	
1,3-Dichlorobenzene	10.7	1.0	µg/L	10.00		107	70-130	1.76	25	
1,4-Dichlorobenzene	10.6	1.0	µg/L	10.00		106	70-130	0.760	25	
Dichlorodifluoromethane (Freon 12)	14.5	2.0	µg/L	10.00		145	40-160	0.485	25	V-20 †
1,1-Dichloroethane	11.4	1.0	µg/L	10.00		114	70-130	5.62	25	
1,2-Dichloroethane	10.9	1.0	µg/L	10.00		109	70-130	4.01	25	
1,1-Dichloroethylene	9.19	1.0	µg/L	10.00		91.9	70-130	3.66	25	
cis-1,2-Dichloroethylene	11.1	1.0	µg/L	10.00		111	70-130	7.45	25	
trans-1,2-Dichloroethylene	10.2	1.0	µg/L	10.00		102	70-130	5.74	25	
1,2-Dichloropropane	10.8	1.0	µg/L	10.00		108	70-130	5.72	25	
cis-1,3-Dichloropropene	10.3	0.50	µg/L	10.00		103	70-130	1.95	25	
trans-1,3-Dichloropropene	11.2	0.50	µg/L	10.00		112	70-130	3.19	25	
Ethylbenzene	11.2	1.0	µg/L	10.00		112	70-130	5.11	25	
2-Hexanone (MBK)	94.3	10	µg/L	100.0		94.3	70-160	4.63	25	†
Isopropylbenzene (Cumene)	11.3	1.0	µg/L	10.00		113	70-130	6.04	25	
p-Isopropyltoluene (p-Cymene)	10.8	1.0	µg/L	10.00		108	70-130	4.00	25	
Methyl Acetate	7.71	1.0	µg/L	10.00		77.1	70-130	3.44	25	
Methyl tert-Butyl Ether (MTBE)	10.3	1.0	µg/L	10.00		103	70-130	0.486	25	

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

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B411129 - SW-846 5030B										
LCS Dup (B411129-BSD1)										
					Prepared: 08/11/25 Analyzed: 08/14/25					
Methyl Cyclohexane	12.3	1.0	µg/L	10.00		123	70-130	1.72	25	V-20
Methylene Chloride	10.4	5.0	µg/L	10.00		104	70-130	6.03	25	
4-Methyl-2-pentanone (MIBK)	97.2	10	µg/L	100.0		97.2	70-160	6.09	25	†
Naphthalene	9.28	2.0	µg/L	10.00		92.8	40-130	5.99	25	†
n-Propylbenzene	11.4	1.0	µg/L	10.00		114	70-130	6.18	25	
Styrene	10.8	1.0	µg/L	10.00		108	70-130	3.19	25	
1,1,2,2-Tetrachloroethane	9.47	0.50	µg/L	10.00		94.7	70-130	3.77	25	
Tetrachloroethylene	11.7	1.0	µg/L	10.00		117	70-130	5.17	25	
Toluene	11.0	1.0	µg/L	10.00		110	70-130	6.45	25	
1,2,3-Trichlorobenzene	11.0	5.0	µg/L	10.00		110	70-130	2.60	25	
1,2,4-Trichlorobenzene	10.6	1.0	µg/L	10.00		106	70-130	4.35	25	
1,1,1-Trichloroethane	11.4	1.0	µg/L	10.00		114	70-130	4.83	25	
1,1,2-Trichloroethane	10.4	1.0	µg/L	10.00		104	70-130	3.31	25	
Trichloroethylene	11.2	1.0	µg/L	10.00		112	70-130	5.50	25	
Trichlorofluoromethane (Freon 11)	11.3	2.0	µg/L	10.00		113	70-130	5.45	25	
1,2,3-Trichloropropane	8.83	2.0	µg/L	10.00		88.3	70-130	5.35	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2	1.0	µg/L	10.00		102	70-130	3.36	25	
1,2,4-Trimethylbenzene	11.0	1.0	µg/L	10.00		110	70-130	3.69	25	
1,3,5-Trimethylbenzene	11.0	1.0	µg/L	10.00		110	70-130	5.34	25	
Vinyl Chloride	11.2	2.0	µg/L	10.00		112	40-160	6.52	25	†
m+p Xylene	22.2	2.0	µg/L	20.00		111	70-130	6.26	25	
o-Xylene	11.3	1.0	µg/L	10.00		113	70-130	7.94	25	
Xylenes (total)	33.5	1.0	µg/L	30.00		112	0-200	6.82		
Surrogate: 1,2-Dichloroethane-d4	26.3		µg/L	25.00		105	70-130			
Surrogate: Toluene-d8	24.9		µg/L	25.00		99.8	70-130			
Surrogate: 4-Bromofluorobenzene	24.6		µg/L	25.00		98.4	70-130			



Pace Analytical Services, LLC - East Longmeadow, Ma

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

QUALITY CONTROL**Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED) - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B411121 - SW-846 5030B										
Blank (B411121-BLK1)										
					Prepared: 08/11/25 Analyzed: 08/12/25					
No TICs Found	0.0		µg/L							
Batch B411122 - SW-846 5030B										
Blank (B411122-BLK1)										
					Prepared: 08/11/25 Analyzed: 08/12/25					
No TICs Found	0.0		µg/L							
Batch B411129 - SW-846 5030B										
Blank (B411129-BLK1)										
					Prepared: 08/11/25 Analyzed: 08/14/25					
No TICs Found	0.0		µg/L							

QUALITY CONTROL

1,4-Dioxane by isotope dilution GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B411125 - SW-846 3510C										
Blank (B411125-BLK1)										
Prepared: 08/11/25 Analyzed: 08/23/25										
1,4-Dioxane	ND	0.20	µg/L							
Surrogate: 1,4-Dioxane-d8	3.22		µg/L	10.00		32.2	15-110			
LCS (B411125-BS1)										
Prepared: 08/11/25 Analyzed: 08/23/25										
1,4-Dioxane	8.20	0.20	µg/L	10.00		82.0	40-140			
Surrogate: 1,4-Dioxane-d8	2.84		µg/L	10.00		28.4	15-110			
LCS Dup (B411125-BSD1)										
Prepared: 08/11/25 Analyzed: 08/23/25										
1,4-Dioxane	8.80	0.20	µg/L	10.00		88.0	40-140	7.00	30	
Surrogate: 1,4-Dioxane-d8	2.83		µg/L	10.00		28.3	15-110			
Batch B411184 - SW-846 3510C										
Blank (B411184-BLK1)										
Prepared: 08/12/25 Analyzed: 08/23/25										
1,4-Dioxane	ND	0.20	µg/L							
Surrogate: 1,4-Dioxane-d8	2.75		µg/L	10.00		27.5	15-110			
LCS (B411184-BS1)										
Prepared: 08/12/25 Analyzed: 08/23/25										
1,4-Dioxane	8.18	0.20	µg/L	10.00		81.8	40-140			
Surrogate: 1,4-Dioxane-d8	3.01		µg/L	10.00		30.1	15-110			
LCS Dup (B411184-BSD1)										
Prepared: 08/12/25 Analyzed: 08/23/25										
1,4-Dioxane	8.96	0.20	µg/L	10.00		89.6	40-140	9.08	30	
Surrogate: 1,4-Dioxane-d8	2.37		µg/L	10.00		23.7	15-110			
Batch B411277 - SW-846 3510C										
Blank (B411277-BLK1)										
Prepared: 08/13/25 Analyzed: 08/22/25										
1,4-Dioxane	ND	0.20	µg/L							
Surrogate: 1,4-Dioxane-d8	2.21		µg/L	10.00		22.1	15-110			
LCS (B411277-BS1)										
Prepared: 08/13/25 Analyzed: 08/22/25										
1,4-Dioxane	10.3	0.20	µg/L	10.00		103	40-140			
Surrogate: 1,4-Dioxane-d8	2.22		µg/L	10.00		22.2	15-110			
LCS Dup (B411277-BSD1)										
Prepared: 08/13/25 Analyzed: 08/22/25										
1,4-Dioxane	10.8	0.20	µg/L	10.00		108	40-140	4.80	30	
Surrogate: 1,4-Dioxane-d8	2.38		µg/L	10.00		23.8	15-110			

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

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 B411093 - EPA 1633										
Blank (B411093-BLK1)										
					Prepared: 08/18/25 Analyzed: 08/19/25					
Perfluorobutanoic acid (PFBA)	ND	6.3	ng/L							
Perfluoropentanoic acid (PFPeA)	ND	3.2	ng/L							
Perfluorohexanoic acid (PFHxA)	ND	1.6	ng/L							
Perfluoroheptanoic acid (PFHpA)	ND	1.6	ng/L							
Perfluorooctanoic acid (PFOA)	ND	1.6	ng/L							
Perfluorononanoic acid (PFNA)	ND	1.6	ng/L							
Perfluorodecanoic acid (PFDA)	ND	1.6	ng/L							
Perfluoroundecanoic acid (PFUnA)	ND	1.6	ng/L							
Perfluorododecanoic acid (PFDoA)	ND	1.6	ng/L							
Perfluorotridecanoic acid (PFTrDA)	ND	1.6	ng/L							
Perfluorotetradecanoic acid (PFTeDA)	ND	1.6	ng/L							
Perfluorobutanesulfonic acid (PFBS)	ND	1.6	ng/L							
Perfluoropentanesulfonic acid (PFPeS)	ND	1.6	ng/L							
Perfluorohexanesulfonic acid (PFHxS)	ND	1.6	ng/L							
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.6	ng/L							
Perfluorooctanesulfonic acid (PFOS)	ND	1.6	ng/L							
Perfluorononanesulfonic acid (PFNS)	ND	1.6	ng/L							
Perfluorodecanesulfonic acid (PFDS)	ND	1.6	ng/L							
Perfluorododecanesulfonic acid (PFDoS)	ND	1.6	ng/L							
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	6.3	ng/L							
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	6.3	ng/L							
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	6.3	ng/L							
Perfluorooctanesulfonamide (PFOSA)	ND	1.6	ng/L							
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	1.6	ng/L							
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	1.6	ng/L							
N-MeFOSAA (NMeFOSAA)	ND	1.6	ng/L							
N-EtFOSAA (NEtFOSAA)	ND	1.6	ng/L							
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	16	ng/L							
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	16	ng/L							
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	6.3	ng/L							
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	6.3	ng/L							
9Cl-PF3ONS (F53B Minor)	ND	6.3	ng/L							
11Cl-PF3OUdS (F53B Major)	ND	6.3	ng/L							
3-Perfluoropropyl propanoic acid (FPPrPA) (3:3FTCA)	ND	7.9	ng/L							
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	39	ng/L							
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	ND	39	ng/L							
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	3.2	ng/L							
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	3.2	ng/L							
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	3.2	ng/L							
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	3.2	ng/L							
Surrogate: 13C4-PFBA	76.0		ng/L	78.84		96.4	5-130			

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

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 B411093 - EPA 1633

Blank (B411093-BLK1)

Prepared: 08/18/25 Analyzed: 08/19/25

Surrogate: 13C5-PFPeA	37.4		ng/L	39.42		94.8	40-130			
Surrogate: 13C5-PFHxA	18.7		ng/L	19.71		95.0	40-130			
Surrogate: 13C4-PFHpA	15.7		ng/L	19.71		79.9	40-130			
Surrogate: 13C8-PFOA	19.4		ng/L	19.71		98.7	40-130			
Surrogate: 13C9-PFNA	9.54		ng/L	9.855		96.8	40-130			
Surrogate: 13C6-PFDA	8.97		ng/L	9.855		91.0	40-130			
Surrogate: 13C7-PFUnA	8.61		ng/L	9.855		87.3	30-130			
Surrogate: 13C2-PFDoA	7.30		ng/L	9.855		74.1	10-130			
Surrogate: 13C2-PFTeDA	7.73		ng/L	9.855		78.4	10-130			
Surrogate: 13C3-PFBS	18.3		ng/L	19.71		92.6	40-135			
Surrogate: 13C3-PFHxS	19.3		ng/L	19.71		98.1	40-130			
Surrogate: 13C8-PFOS	17.9		ng/L	19.71		90.8	40-130			
Surrogate: 13C2-4:2FTS	38.8		ng/L	39.42		98.3	40-200			
Surrogate: 13C2-6:2FTS	36.6		ng/L	39.42		92.8	40-200			
Surrogate: 13C2-8:2FTS	32.7		ng/L	39.42		83.1	40-300			
Surrogate: 13C8-PFOA	13.6		ng/L	19.71		68.8	40-130			
Surrogate: D3-NMeFOSA	13.2		ng/L	19.71		67.2	10-130			
Surrogate: D5-NEtFOSA	13.5		ng/L	19.71		68.2	10-130			
Surrogate: D3-NMeFOSAA	29.7		ng/L	39.42		75.3	40-170			
Surrogate: D5-NEtFOSAA	29.0		ng/L	39.42		73.5	25-135			
Surrogate: D7-NMeFOSE	141		ng/L	197.1		71.3	10-130			
Surrogate: D9-NEtFOSE	136		ng/L	197.1		69.2	10-130			
Surrogate: 13C3-HFPO-DA	71.7		ng/L	78.84		90.9	40-130			

LCS (B411093-BS1)

Prepared: 08/18/25 Analyzed: 08/19/25

Perfluorobutanoic acid (PFBA)	71.7	6.3	ng/L	78.73		91.1	70-140			
Perfluoropentanoic acid (PFPeA)	36.6	3.1	ng/L	39.37		93.1	65-135			
Perfluorohexanoic acid (PFHxA)	18.8	1.6	ng/L	19.68		95.3	70-145			
Perfluoroheptanoic acid (PFHpA)	19.0	1.6	ng/L	19.68		96.3	70-150			
Perfluorooctanoic acid (PFOA)	20.0	1.6	ng/L	19.68		102	70-150			
Perfluorononanoic acid (PFNA)	17.7	1.6	ng/L	19.68		89.9	70-150			
Perfluorodecanoic acid (PFDA)	16.4	1.6	ng/L	19.68		83.2	70-140			
Perfluoroundecanoic acid (PFUnA)	18.2	1.6	ng/L	19.68		92.2	70-145			
Perfluorododecanoic acid (PFDoA)	18.0	1.6	ng/L	19.68		91.3	70-140			
Perfluorotridecanoic acid (PFTrDA)	18.9	1.6	ng/L	19.68		96.0	65-140			
Perfluorotetradecanoic acid (PFTeDA)	18.6	1.6	ng/L	19.68		94.6	60-140			
Perfluorobutanesulfonic acid (PFBS)	16.5	1.6	ng/L	17.48		94.5	60-145			
Perfluoropentanesulfonic acid (PFPeS)	16.7	1.6	ng/L	18.50		90.0	65-140			
Perfluorohexanesulfonic acid (PFHxS)	15.6	1.6	ng/L	17.95		86.8	65-145			
Perfluoroheptanesulfonic acid (PFHpS)	18.1	1.6	ng/L	18.74		96.4	70-150			
Perfluorooctanesulfonic acid (PFOS)	16.1	1.6	ng/L	18.27		87.9	55-150			
Perfluorononanesulfonic acid (PFNS)	16.1	1.6	ng/L	18.90		85.5	65-145			
Perfluorodecanesulfonic acid (PFDS)	15.9	1.6	ng/L	18.97		83.6	60-145			
Perfluorododecanesulfonic acid (PFDoS)	16.0	1.6	ng/L	19.05		84.2	50-145			
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	77.3	6.3	ng/L	73.77		105	70-145			
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	79.8	6.3	ng/L	74.88		107	65-155			
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	77.9	6.3	ng/L	75.58		103	60-150			
Perfluorooctanesulfonamide (PFOSA)	18.7	1.6	ng/L	19.68		95.1	70-145			
N-methyl perfluorooctanesulfonamide (NMeFOSA)	18.8	1.6	ng/L	19.68		95.7	60-150			

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

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 B411093 - EPA 1633

LCS (B411093-BS1)

Prepared: 08/18/25 Analyzed: 08/19/25

N-ethyl perfluorooctanesulfonamide (NEtFOSA)	17.2	1.6	ng/L	19.68		87.3	65-145			
N-MeFOSAA (NMeFOSAA)	14.7	1.6	ng/L	19.68		74.8	50-140			
N-EtFOSAA (NEtFOSAA)	17.5	1.6	ng/L	19.68		88.9	70-145			
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	187	16	ng/L	196.8		95.0	70-145			
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	196	16	ng/L	196.8		99.5	70-135			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	73.6	6.3	ng/L	78.73		93.5	70-140			
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	83.1	6.3	ng/L	74.40		112	65-145			
9Cl-PF3ONS (F53B Minor)	71.8	6.3	ng/L	73.46		97.8	70-155			
11Cl-PF3OUdS (F53B Major)	73.8	6.3	ng/L	73.22		101	55-160			
3-Perfluoropropyl propanoic acid (FPPrPA) (3:3FTCA)	64.1	7.9	ng/L	98.42		65.1	65-130			
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	408	39	ng/L	492.1		82.9	70-135			
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	422	39	ng/L	492.1		85.8	50-145			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	32.7	3.1	ng/L	35.12		93.1	70-140			
Perfluoro-3-methoxypropanoic acid (PFMPA)	37.8	3.1	ng/L	39.37		95.9	55-140			
Perfluoro-4-methoxybutanoic acid (PFMBA)	36.1	3.1	ng/L	39.37		91.6	60-150			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	32.4	3.1	ng/L	39.37		82.2	50-150			
Surrogate: 13C4-PFBA	75.0		ng/L	78.73		95.2	5-130			
Surrogate: 13C5-PFPeA	38.4		ng/L	39.37		97.4	40-130			
Surrogate: 13C5-PFHxA	19.5		ng/L	19.68		99.3	40-130			
Surrogate: 13C4-PFHpA	15.9		ng/L	19.68		80.7	40-130			
Surrogate: 13C8-PFOA	19.7		ng/L	19.68		100	40-130			
Surrogate: 13C9-PFNA	9.56		ng/L	9.842		97.2	40-130			
Surrogate: 13C6-PFDA	10.7		ng/L	9.842		109	40-130			
Surrogate: 13C7-PFUnA	9.30		ng/L	9.842		94.5	30-130			
Surrogate: 13C2-PFDoA	8.05		ng/L	9.842		81.8	10-130			
Surrogate: 13C2-PFTeDA	8.47		ng/L	9.842		86.1	10-130			
Surrogate: 13C3-PFBS	18.0		ng/L	19.68		91.6	40-135			
Surrogate: 13C3-PFHxS	19.5		ng/L	19.68		99.2	40-130			
Surrogate: 13C8-PFOS	18.8		ng/L	19.68		95.6	40-130			
Surrogate: 13C2-4:2FTS	35.3		ng/L	39.37		89.6	40-200			
Surrogate: 13C2-6:2FTS	34.1		ng/L	39.37		86.7	40-200			
Surrogate: 13C2-8:2FTS	30.0		ng/L	39.37		76.3	40-300			
Surrogate: 13C8-PFOSA	13.5		ng/L	19.68		68.8	40-130			
Surrogate: D3-NMeFOSA	12.7		ng/L	19.68		64.6	10-130			
Surrogate: D5-NEtFOSA	14.1		ng/L	19.68		71.6	10-130			
Surrogate: D3-NMeFOSAA	33.5		ng/L	39.37		85.1	40-170			
Surrogate: D5-NEtFOSAA	31.1		ng/L	39.37		79.1	25-135			
Surrogate: D7-NMeFOSE	139		ng/L	196.8		70.7	10-130			
Surrogate: D9-NEtFOSE	134		ng/L	196.8		67.9	10-130			
Surrogate: 13C3-HFPO-DA	75.9		ng/L	78.73		96.3	40-130			

MRL Check (B411093-MRL1)

Prepared: 08/18/25 Analyzed: 08/19/25

Perfluorobutanoic acid (PFBA)	11.1	6.3	ng/L	12.59		88.2	70-140			
Perfluoropentanoic acid (PFPeA)	5.61	3.1	ng/L	6.293		89.2	65-135			

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

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 B411093 - EPA 1633										
MRL Check (B411093-MRL1)										
					Prepared: 08/18/25 Analyzed: 08/19/25					
Perfluorohexanoic acid (PFHxA)	2.79	1.6	ng/L	3.146		88.6	70-145			
Perfluoroheptanoic acid (PFHpA)	2.80	1.6	ng/L	3.146		89.0	70-150			
Perfluorooctanoic acid (PFOA)	3.34	1.6	ng/L	3.146		106	70-150			
Perfluorononanoic acid (PFNA)	3.01	1.6	ng/L	3.146		95.5	70-150			
Perfluorodecanoic acid (PFDA)	2.77	1.6	ng/L	3.146		88.2	70-140			
Perfluoroundecanoic acid (PFUnA)	3.16	1.6	ng/L	3.146		101	70-145			
Perfluorododecanoic acid (PFDoA)	2.96	1.6	ng/L	3.146		93.9	70-140			
Perfluorotridecanoic acid (PFTrDA)	2.95	1.6	ng/L	3.146		93.7	65-140			
Perfluorotetradecanoic acid (PFTeDA)	2.83	1.6	ng/L	3.146		89.9	60-140			
Perfluorobutanesulfonic acid (PFBS)	2.57	1.6	ng/L	2.794		92.1	60-145			
Perfluoropentanesulfonic acid (PFPeS)	2.62	1.6	ng/L	2.957		88.6	65-140			
Perfluorohexanesulfonic acid (PFHxS)	2.61	1.6	ng/L	2.869		90.9	65-145			
Perfluoroheptanesulfonic acid (PFHpS)	2.66	1.6	ng/L	2.995		88.6	70-150			
Perfluorooctanesulfonic acid (PFOS)	2.74	1.6	ng/L	2.920		93.7	55-150			
Perfluorononanesulfonic acid (PFNS)	2.56	1.6	ng/L	3.020		84.7	65-145			
Perfluorodecanesulfonic acid (PFDS)	2.56	1.6	ng/L	3.033		84.4	60-145			
Perfluorododecanesulfonic acid (PFDoS)	2.95	1.6	ng/L	3.046		97.0	50-145			
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	12.2	6.3	ng/L	11.79		103	70-145			
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	11.6	6.3	ng/L	11.97		97.2	65-155			
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	11.4	6.3	ng/L	12.08		94.6	60-150			
Perfluorooctanesulfonamide (PFOSA)	3.26	1.6	ng/L	3.146		104	70-145			
N-methyl perfluorooctanesulfonamide (NMeFOSA)	2.95	1.6	ng/L	3.146		93.9	60-150			
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	2.98	1.6	ng/L	3.146		94.6	65-145			
N-MeFOSAA (NMeFOSAA)	2.55	1.6	ng/L	3.146		81.1	50-140			
N-EtFOSAA (NEtFOSAA)	2.61	1.6	ng/L	3.146		82.8	70-145			
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	30.0	16	ng/L	31.46		95.5	70-145			
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	30.3	16	ng/L	31.46		96.3	70-135			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	12.7	6.3	ng/L	12.59		101	70-140			
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	12.5	6.3	ng/L	11.89		105	65-145			
9Cl-PF3ONS (F53B Minor)	11.9	6.3	ng/L	11.74		102	70-155			
11Cl-PF3OUdS (F53B Major)	11.8	6.3	ng/L	11.70		101	55-160			
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	11.0	7.9	ng/L	15.73		69.7	65-130			
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	59.2	39	ng/L	78.66		75.3	70-135			
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	71.1	39	ng/L	78.66		90.4	50-145			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	5.01	3.1	ng/L	5.613		89.3	70-140			
Perfluoro-3-methoxypropanoic acid (PFMPA)	6.01	3.1	ng/L	6.293		95.6	55-140			
Perfluoro-4-methoxybutanoic acid (PFMBA)	5.76	3.1	ng/L	6.293		91.6	60-150			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	5.12	3.1	ng/L	6.293		81.3	50-150			
Surrogate: 13C4-PFBA	76.7		ng/L	78.66		97.5	5-130			
Surrogate: 13C5-PFPeA	37.7		ng/L	39.33		95.9	40-130			
Surrogate: 13C5-PFHxA	19.2		ng/L	19.66		97.9	40-130			

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 B411093 - EPA 1633

MRL Check (B411093-MRL1)

Prepared: 08/18/25 Analyzed: 08/19/25

Surrogate: 13C4-PFHpA	15.7		ng/L	19.66		80.1	40-130			
Surrogate: 13C8-PFOA	20.0		ng/L	19.66		102	40-130			
Surrogate: 13C9-PFNA	9.22		ng/L	9.832		93.8	40-130			
Surrogate: 13C6-PFDA	9.74		ng/L	9.832		99.0	40-130			
Surrogate: 13C7-PFUnA	9.31		ng/L	9.832		94.7	30-130			
Surrogate: 13C2-PFDoA	8.24		ng/L	9.832		83.8	10-130			
Surrogate: 13C2-PFTeDA	9.04		ng/L	9.832		92.0	10-130			
Surrogate: 13C3-PFBS	18.6		ng/L	19.66		94.6	40-135			
Surrogate: 13C3-PFHxS	19.4		ng/L	19.66		98.5	40-130			
Surrogate: 13C8-PFOS	19.3		ng/L	19.66		98.4	40-130			
Surrogate: 13C2-4:2FTS	36.3		ng/L	39.33		92.3	40-200			
Surrogate: 13C2-6:2FTS	35.3		ng/L	39.33		89.9	40-200			
Surrogate: 13C2-8:2FTS	30.6		ng/L	39.33		77.9	40-300			
Surrogate: 13C8-PFOSA	14.1		ng/L	19.66		71.9	40-130			
Surrogate: D3-NMeFOSA	13.9		ng/L	19.66		70.8	10-130			
Surrogate: D5-NEtFOSA	14.4		ng/L	19.66		73.2	10-130			
Surrogate: D3-NMeFOSAA	31.8		ng/L	39.33		80.9	40-170			
Surrogate: D5-NEtFOSAA	28.9		ng/L	39.33		73.5	25-135			
Surrogate: D7-NMeFOSE	150		ng/L	196.6		76.3	10-130			
Surrogate: D9-NEtFOSE	145		ng/L	196.6		73.7	10-130			
Surrogate: 13C3-HFPO-DA	69.0		ng/L	78.66		87.7	40-130			

FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
D	Sample analyzed at a dilution.
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
PF-18	Re-analysis confirmed Extracted Internal Standard failure due to matrix effects.
PF-24	Non-extracted internal standard compound recovery <50%. Re-extracted sample exhibited similar results. Possible high bias present on associated extracted internal standard recoveries
RL-11	Elevated reporting limit due to high concentration of target compounds.
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.
V-06	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side for this compound.
V-20	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>EPA 1633A in Water</i>	
Perfluorobutanoic acid (PFBA)	NY,NH,VA,PA,WV,LA
Perfluoropentanoic acid (PFPeA)	NY,NH,VA,PA,WV,LA
Perfluorohexanoic acid (PFHxA)	NY,NH,VA,PA,WV,LA
Perfluoroheptanoic acid (PFHpA)	NY,NH,VA,PA,WV,LA
Perfluorooctanoic acid (PFOA)	NY,NH,VA,PA,WV,LA
Perfluorononanoic acid (PFNA)	NY,NH,VA,PA,WV,LA
Perfluorodecanoic acid (PFDA)	NY,NH,VA,PA,WV,LA
Perfluoroundecanoic acid (PFUnA)	NY,NH,VA,PA,WV,LA
Perfluorododecanoic acid (PFDoA)	NY,NH,VA,PA,WV,LA
Perfluorotridecanoic acid (PFTrDA)	NY,NH,VA,PA,WV,LA
Perfluorotetradecanoic acid (PFTeDA)	NY,NH,VA,PA,WV,LA
Perfluorobutanesulfonic acid (PFBS)	NY,NH,VA,PA,WV,LA
Perfluoropentanesulfonic acid (PFPeS)	NY,NH,VA,PA,WV,LA
Perfluorohexanesulfonic acid (PFHxS)	NY,NH,VA,PA,WV,LA
Perfluoroheptanesulfonic acid (PFHpS)	NY,NH,VA,PA,WV,LA
Perfluorooctanesulfonic acid (PFOS)	NY,NH,VA,PA,WV,LA
Perfluorononanesulfonic acid (PFNS)	NY,NH,VA,PA,WV,LA
Perfluorodecanesulfonic acid (PFDS)	NY,NH,VA,PA,WV,LA
Perfluorododecanesulfonic acid (PFDoS)	NY,NH,VA,PA,WV,LA
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	NY,NH,VA,PA,WV,LA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	NY,NH,VA,PA,WV,LA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	NY,NH,VA,PA,WV,LA
Perfluorooctanesulfonamide (PFOSA)	NY,NH,VA,PA,WV,LA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NY,NH,VA,PA,WV,LA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NY,NH,VA,PA,WV,LA
N-MeFOSAA (NMeFOSAA)	NY,NH,VA,PA,WV,LA
N-EtFOSAA (NEtFOSAA)	NY,NH,VA,PA,WV,LA
N-methylperfluorooctanesulfonamidoethanol(NMeFOSE)	NY,NH,VA,PA,WV,LA
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	NY,NH,VA,PA,WV,LA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NY,NH,VA,PA,WV,LA
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NY,NH,VA,PA,WV,LA
9Cl-PF3ONS (F53B Minor)	NY,NH,VA,PA,WV,LA
11Cl-PF3OUdS (F53B Major)	NY,NH,VA,PA,WV,LA
3-Perfluoropropyl propanoic acid (FPrPA)(3:3FTCA)	NY,NH,VA,PA,WV,LA
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	NY,NH,VA,PA,WV,LA
3-Perfluoroheptyl propanoic acid (FHpPA)(7:3FTCA)	NY,NH,VA,PA,WV,LA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NY,NH,VA,PA,WV,LA
Perfluoro-3-methoxypropanoic acid (PFMPA)	NY,NH,VA,PA,WV,LA
Perfluoro-4-methoxybutanoic acid (PFMBA)	NY,NH,VA,PA,WV,LA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NY,NH,VA,PA,WV,LA
<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

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
1,4-Dioxane	ME,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

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	
Trichloroethylene	CT,ME,NH,VA,NY,NJ
Trichlorofluoromethane (Freon 11)	CT,ME,NH,VA,NY,NJ
1,2,3-Trichloropropane	ME,NH,VA,NY,NJ
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	VA,NY,NJ
1,2,4-Trimethylbenzene	ME,VA,NY,NJ
1,3,5-Trimethylbenzene	ME,VA,NY,NJ
Vinyl Chloride	CT,ME,NH,VA,NY,NJ
m+p Xylene	CT,ME,NH,VA,NY,NJ
o-Xylene	CT,ME,NH,VA,NY,NJ
Xylenes (total)	ME,NY,NJ

SW-846 8270E in Water

1,4-Dioxane	NY,NH,NJ
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Pace Analytical Services, LLC - East Longmeadow, Ma, operates under the following certifications and accreditations:

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

Chain of Custody / Analysis Report

Sampler(s): Rebecca Brittt, Emily Lewis, Sean Booth
 (Signature) *Rebecca Brittt* *Emily Lewis* *Sean Booth*

Contact: Michael Grifasi
 Address: 333 West Washington Street
 Syracuse, New York 13221-4873
 Phone: (315) 956-6100
 E-mail: michael.grifasi@ramboll.com
 Project: NYSDEC Claremont Polychemical Site Q1 Sampling
 Location: Old Bethpage, New York

Unique Field Sample ID (sys_sample_code)	Sample Location	Date	Time	Sample Type (See Key)	Sample Matrix (See Key)	Number of Containers	Grab [G] or Composite [C]	Field Filtered? (Y / N)	Analysis Required	Preservatives: (see key at bottom)	Job Number:	Laboratory ID:	Lab Sample ID:
10	MW6F-CP-00-20250806	8/6/2025	13:25	N	WG	3	G	N					
11	MW5B-CP-00-20250806	8/6/2025	11:50	N	WG	3	G	N					
12	OB51-CP-00-20250806	8/6/2025	11:10	N	WG	3	G	N					
13	BP5B-CP-00-20250806	8/6/2025	13:01	N	WG	3	G	N					
14	BP5B-CP-01-20250806	8/6/2025	13:01	FD	WG	3	G	N					
15	BP5C-CP-00-20250806	8/6/2025	13:00	N	WG	3	G	N					
16	BP13B-CP-00-20250806	8/6/2025	12:30	N	WG	3	G	N					
17	BP13C-CP-00-20250806	8/6/2025	12:31	N	WG	3	G	N					
18	EW14D-CP-00-20250806	8/6/2025	9:50	N	WG	3	G	N					
19	EW11D-CP-00-20250806	8/6/2025	9:40	N	WG	3	G	N					
20	EW12D-CP-00-20250806	8/6/2025	9:45	N	WG	3	G	N					
21	EW4A-CP-00-20250806	8/6/2025	11:39	N	WG	3	G	N					
22	EW4B-CP-00-20250806	8/6/2025	11:40	N	WG	3	G	N					
23	EW4C-CP-00-20250806	8/6/2025	11:41	N	WG	3	G	N					

Special Instructions: Use the top boxes if the samples are to be shipped via courier (e.g., Fed Ex)

Relinquished by: *Sean Booth* Date: *8/7/25* Time: *12:35*

Relinquished by: *RMB* Date: *8/7/25* Time: *18:00*

Of: *P.L.E*

Courier Name: *Ramboll* Tracking #: *MOA Pace* Date: *8/7/25* Time: *19:03*


Received By: *RMB* Tracking #: *P.L.E* Date: *8/7/25* Time: *12:39*

Other comments or notes regarding condition of samples as received:

Custody Seals intact? (if so, indicate the #, date, and time of the seal)

Cooler Temperature: *1.9 (W)*

Signature: *Michael Grifasi* Date: *04.09.19*

	DC#_Title: ENV-FRM-ELON-0001 v08_Sample Receiving Checklist
	Effective Date: 06/11/2024

20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	23	22	21	Sample					
																				Soils Jars (Circle Amb/Clear)	Ambers				
																				16oz Amb/Clear	Soils Jars (Circle Amb/Clear)				
																				8oz Amb/Clear		Soils Jars (Circle Amb/Clear)			
																				4oz Amb/Clear			Soils Jars (Circle Amb/Clear)		
																				2oz Amb/Clear				Soils Jars (Circle Amb/Clear)	
																				Unpreserved	1 Liter				Ambers
																				HCL		1 Liter			
																				Sulfuric			1 Liter		
																				Sulfuric	250ml			Ambers	
																				Phosphoric		250ml			Ambers
																				HCl			250ml		
																				Unpreserved	100ml			Ambers	
																				Unpreserved		100ml			Ambers
																				Sulfuric			100ml		
																				Unpreserved	100ml			Ambers	
																				Sulfuric		100ml			Ambers
																				Unpreserved			100ml		
																				Sulfuric	100ml			Ambers	
																				Unpreserved		100ml			Ambers
																				Sulfuric			100ml		
																				Unpreserved	100ml			Ambers	
																				Sulfuric		100ml			Ambers
																				Unpreserved			100ml		
																				Trizma	100ml			Ambers	
																				Sulfuric		100ml			Ambers
																				Nitric			100ml		
																				NaOH	100ml			Ambers	
																				Ammonium Acetate		100ml			Ambers
																				NaOH/Zinc			100ml		
																				Unpreserved	100ml			Ambers	
																				HCl		100ml			Ambers
																				MeOH			100ml		
																				D.I. Water	100ml			Ambers	
																				BiSulfate		100ml			Ambers
																				Col/Bact			100ml		

WWW

August 15, 2025

Payson Long
NYDEC_Ramboll US Consulting, Inc. - Syracuse
333 West Washington Street, PO Box 4873
Syracuse, NY 13202

Project Location: Old Bethpage, New York
Client Job Number:
Project Number: 130015
Laboratory Work Order Number: 25H0437

Enclosed are results of analyses for samples as received by the laboratory on August 8, 2025. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kyle A. Murray
Project Manager

Table of Contents

Sample Summary	3
Case Narrative	4
Sample Results	5
25H0437-01	5
25H0437-02	8
25H0437-03	11
25H0437-04	14
25H0437-05	17
25H0437-06	20
25H0437-07	23
25H0437-08	26
25H0437-09	29
25H0437-10	32
25H0437-11	35
25H0437-12	38
25H0437-13	41
25H0437-14	44
Sample Preparation Information	47
QC Data	48
Volatile Organic Compounds by GC/MS	48
B411239	48
B411239	52
Flag/Qualifier Summary	53
Certifications	54
Chain of Custody/Sample Receipt	56



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NYDEC_Ramboll US Consulting, Inc. - Syracuse
333 West Washington Street, PO Box 4873
Syracuse, NY 13202
ATTN: Payson Long

REPORT DATE: 8/15/2025

PURCHASE ORDER NUMBER: 151811

PROJECT NUMBER: 130015

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 25H0437

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: Old Bethpage, New York

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
QC-TB-CP-20250807	25H0437-01	Trip Blank Water		SW-846 8260D	
MW9B-CP-00-20250806	25H0437-02	Ground Water		SW-846 8260D	
MW9C-CP-00-20250806	25H0437-03	Ground Water		SW-846 8260D	
MW7BR-CP-00-20250806	25H0437-04	Ground Water		SW-846 8260D	
BP3A-CP-00-20250806	25H0437-05	Ground Water		SW-846 8260D	
BP3B-CP-00-20250806	25H0437-06	Ground Water		SW-846 8260D	
BP3C-CP-00-20250806	25H0437-07	Ground Water		SW-846 8260D	
MW10D-CP-00-20250806	25H0437-08	Ground Water		SW-846 8260D	
MW8B-CP-00-20250806	25H0437-09	Ground Water		SW-846 8260D	
MW8C-CP-00-20250806	25H0437-10	Ground Water		SW-846 8260D	
MW6B-CP-00-20250806	25H0437-11	Ground Water		SW-846 8260D	
MW6C-CP-00-20250806	25H0437-12	Ground Water		SW-846 8260D	
MW6D-CP-00-20250806	25H0437-13	Ground Water		SW-846 8260D	
MW6E-CP-00-20250806	25H0437-14	Ground Water		SW-846 8260D	

CASE NARRATIVE SUMMARY

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

SW-846 8260D

Qualifications:

V-05
Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Analyte & Samples(s) Qualified:

1,1-Dichloroethylene

25H0437-01[QC-TB-CP-20250807], 25H0437-02[MW9B-CP-00-20250806], 25H0437-03[MW9C-CP-00-20250806], 25H0437-04[MW7BR-CP-00-20250806], 25H0437-05[BP3A-CP-00-20250806], 25H0437-06[BP3B-CP-00-20250806], 25H0437-07[BP3C-CP-00-20250806], 25H0437-08[MW10D-CP-00-20250806], 25H0437-09[MW8B-CP-00-20250806], 25H0437-10[MW8C-CP-00-20250806], 25H0437-11[MW6B-CP-00-20250806], 25H0437-12[MW6C-CP-00-20250806], 25H0437-13[MW6D-CP-00-20250806], 25H0437-14[MW6E-CP-00-20250806], B411239-BLK1, B411239-BS1, B411239-BSD1, S125007-CCV1

Acetone

25H0437-01[QC-TB-CP-20250807], 25H0437-02[MW9B-CP-00-20250806], 25H0437-03[MW9C-CP-00-20250806], 25H0437-04[MW7BR-CP-00-20250806], 25H0437-05[BP3A-CP-00-20250806], 25H0437-06[BP3B-CP-00-20250806], 25H0437-07[BP3C-CP-00-20250806], 25H0437-08[MW10D-CP-00-20250806], 25H0437-09[MW8B-CP-00-20250806], 25H0437-10[MW8C-CP-00-20250806], 25H0437-11[MW6B-CP-00-20250806], 25H0437-12[MW6C-CP-00-20250806], 25H0437-13[MW6D-CP-00-20250806], 25H0437-14[MW6E-CP-00-20250806], B411239-BLK1, B411239-BS1, B411239-BSD1, S125007-CCV1

Carbon Tetrachloride

25H0437-01[QC-TB-CP-20250807], 25H0437-02[MW9B-CP-00-20250806], 25H0437-03[MW9C-CP-00-20250806], 25H0437-04[MW7BR-CP-00-20250806], 25H0437-05[BP3A-CP-00-20250806], 25H0437-06[BP3B-CP-00-20250806], 25H0437-07[BP3C-CP-00-20250806], 25H0437-08[MW10D-CP-00-20250806], 25H0437-09[MW8B-CP-00-20250806], 25H0437-10[MW8C-CP-00-20250806], 25H0437-11[MW6B-CP-00-20250806], 25H0437-12[MW6C-CP-00-20250806], 25H0437-13[MW6D-CP-00-20250806], 25H0437-14[MW6E-CP-00-20250806], B411239-BLK1, B411239-BS1, B411239-BSD1, S125007-CCV1

Methyl Acetate

25H0437-01[QC-TB-CP-20250807], 25H0437-02[MW9B-CP-00-20250806], 25H0437-03[MW9C-CP-00-20250806], 25H0437-04[MW7BR-CP-00-20250806], 25H0437-05[BP3A-CP-00-20250806], 25H0437-06[BP3B-CP-00-20250806], 25H0437-07[BP3C-CP-00-20250806], 25H0437-08[MW10D-CP-00-20250806], 25H0437-09[MW8B-CP-00-20250806], 25H0437-10[MW8C-CP-00-20250806], 25H0437-11[MW6B-CP-00-20250806], 25H0437-12[MW6C-CP-00-20250806], 25H0437-13[MW6D-CP-00-20250806], 25H0437-14[MW6E-CP-00-20250806], B411239-BLK1, B411239-BS1, B411239-BSD1, S125007-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.

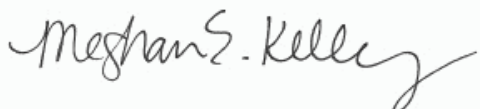
Analyte & Samples(s) Qualified:

Naphthalene

B411239-BS1, B411239-BSD1, S125007-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: Old Bethpage, New York

Sample Description:

Work Order: 25H0437

Date Received: 8/8/2025

Field Sample #: QC-TB-CP-20250807

Sampled: 8/7/2025 08:00

Sample ID: 25H0437-01

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1	V-05	SW-846 8260D	8/12/25	8/14/25 22:33	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1	V-05	SW-846 8260D	8/12/25	8/14/25 22:33	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/12/25	8/14/25 22:33	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
Methyl Acetate	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/12/25	8/14/25 22:33	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0437

Date Received: 8/8/2025

Field Sample #: QC-TB-CP-20250807

Sampled: 8/7/2025 08:00

Sample ID: 25H0437-01

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	8/12/25	8/14/25 22:33	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 22:33	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		82.2	70-130					8/14/25 22:33	
Toluene-d8		96.9	70-130					8/14/25 22:33	
4-Bromofluorobenzene		91.1	70-130					8/14/25 22:33	



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0437

Date Received: 8/8/2025

Field Sample #: QC-TB-CP-20250807

Sampled: 8/7/2025 08:00

Sample ID: 25H0437-01

Sample Matrix: Trip Blank Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/12/25	8/14/25 22:33	MF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0437

Date Received: 8/8/2025

Field Sample #: MW9B-CP-00-20250806

Sampled: 8/6/2025 11:25

Sample ID: 25H0437-02

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	89	50	µg/L	1	V-05	SW-846 8260D	8/12/25	8/14/25 23:00	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1	V-05	SW-846 8260D	8/12/25	8/14/25 23:00	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/12/25	8/14/25 23:00	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
Methyl Acetate	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/12/25	8/14/25 23:00	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0437

Date Received: 8/8/2025

Field Sample #: MW9B-CP-00-20250806

Sampled: 8/6/2025 11:25

Sample ID: 25H0437-02

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	8/12/25	8/14/25 23:00	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:00	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		79.9	70-130					8/14/25 23:00	
Toluene-d8		96.9	70-130					8/14/25 23:00	
4-Bromofluorobenzene		94.9	70-130					8/14/25 23:00	



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0437

Date Received: 8/8/2025

Field Sample #: MW9B-CP-00-20250806

Sampled: 8/6/2025 11:25

Sample ID: 25H0437-02

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/12/25	8/14/25 23:00	MF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0437

Date Received: 8/8/2025

Field Sample #: MW9C-CP-00-20250806

Sampled: 8/6/2025 11:35

Sample ID: 25H0437-03

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	260	50	µg/L	1	V-05	SW-846 8260D	8/12/25	8/14/25 23:26	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1	V-05	SW-846 8260D	8/12/25	8/14/25 23:26	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/12/25	8/14/25 23:26	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
Methyl Acetate	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/12/25	8/14/25 23:26	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0437

Date Received: 8/8/2025

Field Sample #: MW9C-CP-00-20250806

Sampled: 8/6/2025 11:35

Sample ID: 25H0437-03

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	8/12/25	8/14/25 23:26	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:26	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		85.9		70-130				8/14/25 23:26	
Toluene-d8		93.8		70-130				8/14/25 23:26	
4-Bromofluorobenzene		90.5		70-130				8/14/25 23:26	



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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0437

Date Received: 8/8/2025

Field Sample #: MW9C-CP-00-20250806

Sampled: 8/6/2025 11:35

Sample ID: 25H0437-03

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/12/25	8/14/25 23:26	MF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0437

Date Received: 8/8/2025

Field Sample #: MW7BR-CP-00-20250806

Sampled: 8/6/2025 14:30

Sample ID: 25H0437-04

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	100	50	µg/L	1	V-05	SW-846 8260D	8/12/25	8/15/25 3:52	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1	V-05	SW-846 8260D	8/12/25	8/15/25 3:52	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/12/25	8/15/25 3:52	MFF
cis-1,2-Dichloroethylene	2.3	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
Methyl Acetate	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/12/25	8/15/25 3:52	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
Methyl Cyclohexane	1.6	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0437

Date Received: 8/8/2025

Field Sample #: MW7BR-CP-00-20250806

Sampled: 8/6/2025 14:30

Sample ID: 25H0437-04

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	8/12/25	8/15/25 3:52	MFF
Tetrachloroethylene	3.8	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
Trichloroethylene	170	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:52	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		84.0		70-130				8/15/25 3:52	
Toluene-d8		96.0		70-130				8/15/25 3:52	
4-Bromofluorobenzene		96.0		70-130				8/15/25 3:52	



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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0437

Date Received: 8/8/2025

Field Sample #: MW7BR-CP-00-20250806

Sampled: 8/6/2025 14:30

Sample ID: 25H0437-04

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
Isopropyl alcohol	14	µg/L	262530	2.231	1	000067-63-0	86	SW-846 8260D	8/12/25	8/15/25 3:52	MF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0437

Date Received: 8/8/2025

Field Sample #: BP3A-CP-00-20250806

Sampled: 8/6/2025 14:00

Sample ID: 25H0437-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	91	50	µg/L	1	V-05	SW-846 8260D	8/12/25	8/14/25 23:53	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1	V-05	SW-846 8260D	8/12/25	8/14/25 23:53	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/12/25	8/14/25 23:53	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
Methyl Acetate	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/12/25	8/14/25 23:53	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0437

Date Received: 8/8/2025

Field Sample #: BP3A-CP-00-20250806

Sampled: 8/6/2025 14:00

Sample ID: 25H0437-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/14/25 23:53	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		84.5		70-130				8/14/25 23:53	
Toluene-d8		94.8		70-130				8/14/25 23:53	
4-Bromofluorobenzene		88.3		70-130				8/14/25 23:53	



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0437

Date Received: 8/8/2025

Field Sample #: BP3A-CP-00-20250806

Sampled: 8/6/2025 14:00

Sample ID: 25H0437-05

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
Isopropyl alcohol	14	µg/L	258557	2.231	1	000067-63-0	86	SW-846 8260D	8/12/25	8/14/25 23:53	MF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0437

Date Received: 8/8/2025

Field Sample #: BP3B-CP-00-20250806

Sampled: 8/6/2025 14:01

Sample ID: 25H0437-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	120	50	µg/L	1	V-05	SW-846 8260D	8/12/25	8/15/25 0:19	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1	V-05	SW-846 8260D	8/12/25	8/15/25 0:19	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/12/25	8/15/25 0:19	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
Methyl Acetate	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/12/25	8/15/25 0:19	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0437

Date Received: 8/8/2025

Field Sample #: BP3B-CP-00-20250806

Sampled: 8/6/2025 14:01

Sample ID: 25H0437-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
Tetrachloroethylene	2.6	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:19	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		85.0	70-130					8/15/25 0:19	
Toluene-d8		92.9	70-130					8/15/25 0:19	
4-Bromofluorobenzene		89.0	70-130					8/15/25 0:19	



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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0437

Date Received: 8/8/2025

Field Sample #: BP3B-CP-00-20250806

Sampled: 8/6/2025 14:01

Sample ID: 25H0437-06

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/12/25	8/15/25 0:19	MF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0437

Date Received: 8/8/2025

Field Sample #: BP3C-CP-00-20250806

Sampled: 8/6/2025 14:02

Sample ID: 25H0437-07

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	170	50	µg/L	1	V-05	SW-846 8260D	8/12/25	8/15/25 0:46	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1	V-05	SW-846 8260D	8/12/25	8/15/25 0:46	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/12/25	8/15/25 0:46	MFF
cis-1,2-Dichloroethylene	2.1	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
Methyl Acetate	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/12/25	8/15/25 0:46	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0437

Date Received: 8/8/2025

Field Sample #: BP3C-CP-00-20250806

Sampled: 8/6/2025 14:02

Sample ID: 25H0437-07

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	8/12/25	8/15/25 0:46	MFF
Tetrachloroethylene	4.7	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 0:46	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		83.2	70-130					8/15/25 0:46	
Toluene-d8		94.2	70-130					8/15/25 0:46	
4-Bromofluorobenzene		88.4	70-130					8/15/25 0:46	



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0437

Date Received: 8/8/2025

Field Sample #: BP3C-CP-00-20250806

Sampled: 8/6/2025 14:02

Sample ID: 25H0437-07

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/12/25	8/15/25 0:46	MF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0437

Date Received: 8/8/2025

Field Sample #: MW10D-CP-00-20250806

Sampled: 8/6/2025 14:45

Sample ID: 25H0437-08

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	74	50	µg/L	1	V-05	SW-846 8260D	8/12/25	8/15/25 4:19	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1	V-05	SW-846 8260D	8/12/25	8/15/25 4:19	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
1,1-Dichloroethylene	2.2	1.0	µg/L	1	V-05	SW-846 8260D	8/12/25	8/15/25 4:19	MFF
cis-1,2-Dichloroethylene	7.8	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
Methyl Acetate	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/12/25	8/15/25 4:19	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0437

Date Received: 8/8/2025

Field Sample #: MW10D-CP-00-20250806

Sampled: 8/6/2025 14:45

Sample ID: 25H0437-08

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	8/12/25	8/15/25 4:19	MFF
Tetrachloroethylene	8.5	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
Trichloroethylene	78	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 4:19	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		83.8		70-130				8/15/25 4:19	
Toluene-d8		93.0		70-130				8/15/25 4:19	
4-Bromofluorobenzene		88.7		70-130				8/15/25 4:19	



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0437

Date Received: 8/8/2025

Field Sample #: MW10D-CP-00-20250806

Sampled: 8/6/2025 14:45

Sample ID: 25H0437-08

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/12/25	8/15/25 4:19	MF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0437

Date Received: 8/8/2025

Field Sample #: MW8B-CP-00-20250806

Sampled: 8/6/2025 12:35

Sample ID: 25H0437-09

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	200	50	µg/L	1	V-05	SW-846 8260D	8/12/25	8/15/25 1:13	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1	V-05	SW-846 8260D	8/12/25	8/15/25 1:13	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/12/25	8/15/25 1:13	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
Methyl Acetate	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/12/25	8/15/25 1:13	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0437

Date Received: 8/8/2025

Field Sample #: MW8B-CP-00-20250806

Sampled: 8/6/2025 12:35

Sample ID: 25H0437-09

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	8/12/25	8/15/25 1:13	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
Trichloroethylene	1.0	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:13	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		84.6	70-130				8/15/25	1:13	
Toluene-d8		94.2	70-130				8/15/25	1:13	
4-Bromofluorobenzene		90.5	70-130				8/15/25	1:13	



Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0437

Date Received: 8/8/2025

Field Sample #: MW8B-CP-00-20250806

Sampled: 8/6/2025 12:35

Sample ID: 25H0437-09

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/12/25	8/15/25 1:13	MF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0437

Date Received: 8/8/2025

Field Sample #: MW8C-CP-00-20250806

Sampled: 8/6/2025 12:45

Sample ID: 25H0437-10

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	120	50	µg/L	1	V-05	SW-846 8260D	8/12/25	8/15/25 1:39	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1	V-05	SW-846 8260D	8/12/25	8/15/25 1:39	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/12/25	8/15/25 1:39	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
Methyl Acetate	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/12/25	8/15/25 1:39	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0437

Date Received: 8/8/2025

Field Sample #: MW8C-CP-00-20250806

Sampled: 8/6/2025 12:45

Sample ID: 25H0437-10

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	8/12/25	8/15/25 1:39	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 1:39	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		86.4		70-130				8/15/25 1:39	
Toluene-d8		95.4		70-130				8/15/25 1:39	
4-Bromofluorobenzene		94.6		70-130				8/15/25 1:39	



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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0437

Date Received: 8/8/2025

Field Sample #: MW8C-CP-00-20250806

Sampled: 8/6/2025 12:45

Sample ID: 25H0437-10

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/12/25	8/15/25 1:39	MF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0437

Date Received: 8/8/2025

Field Sample #: MW6B-CP-00-20250806

Sampled: 8/6/2025 14:05

Sample ID: 25H0437-11

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	390	50	µg/L	1	V-05	SW-846 8260D	8/12/25	8/15/25 2:06	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1	V-05	SW-846 8260D	8/12/25	8/15/25 2:06	MFF
Chlorobenzene	1.8	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/12/25	8/15/25 2:06	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
Methyl Acetate	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/12/25	8/15/25 2:06	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0437

Date Received: 8/8/2025

Field Sample #: MW6B-CP-00-20250806

Sampled: 8/6/2025 14:05

Sample ID: 25H0437-11

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	8/12/25	8/15/25 2:06	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:06	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		85.7		70-130				8/15/25 2:06	
Toluene-d8		94.2		70-130				8/15/25 2:06	
4-Bromofluorobenzene		92.2		70-130				8/15/25 2:06	



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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0437

Date Received: 8/8/2025

Field Sample #: MW6B-CP-00-20250806

Sampled: 8/6/2025 14:05

Sample ID: 25H0437-11

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/12/25	8/15/25 2:06	MF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0437

Date Received: 8/8/2025

Field Sample #: MW6C-CP-00-20250806

Sampled: 8/6/2025 13:35

Sample ID: 25H0437-12

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	320	50	µg/L	1	V-05	SW-846 8260D	8/12/25	8/15/25 2:33	MFF
Benzene	1.8	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1	V-05	SW-846 8260D	8/12/25	8/15/25 2:33	MFF
Chlorobenzene	7.2	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
1,4-Dichlorobenzene	2.0	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/12/25	8/15/25 2:33	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
Isopropylbenzene (Cumene)	2.5	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
Methyl Acetate	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/12/25	8/15/25 2:33	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0437

Date Received: 8/8/2025

Field Sample #: MW6C-CP-00-20250806

Sampled: 8/6/2025 13:35

Sample ID: 25H0437-12

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	8/12/25	8/15/25 2:33	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:33	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		85.5		70-130				8/15/25 2:33	
Toluene-d8		95.5		70-130				8/15/25 2:33	
4-Bromofluorobenzene		91.2		70-130				8/15/25 2:33	



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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0437

Date Received: 8/8/2025

Field Sample #: MW6C-CP-00-20250806

Sampled: 8/6/2025 13:35

Sample ID: 25H0437-12

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/12/25	8/15/25 2:33	MF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0437

Date Received: 8/8/2025

Field Sample #: MW6D-CP-00-20250806

Sampled: 8/6/2025 13:45

Sample ID: 25H0437-13

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	290	50	µg/L	1	V-05	SW-846 8260D	8/12/25	8/15/25 2:59	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1	V-05	SW-846 8260D	8/12/25	8/15/25 2:59	MFF
Chlorobenzene	1.0	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/12/25	8/15/25 2:59	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
Methyl Acetate	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/12/25	8/15/25 2:59	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0437

Date Received: 8/8/2025

Field Sample #: MW6D-CP-00-20250806

Sampled: 8/6/2025 13:45

Sample ID: 25H0437-13

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	8/12/25	8/15/25 2:59	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 2:59	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		85.4		70-130				8/15/25 2:59	
Toluene-d8		93.0		70-130				8/15/25 2:59	
4-Bromofluorobenzene		92.0		70-130				8/15/25 2:59	



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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0437

Date Received: 8/8/2025

Field Sample #: MW6D-CP-00-20250806

Sampled: 8/6/2025 13:45

Sample ID: 25H0437-13

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/12/25	8/15/25 2:59	MF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0437

Date Received: 8/8/2025

Field Sample #: MW6E-CP-00-20250806

Sampled: 8/6/2025 13:55

Sample ID: 25H0437-14

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	420	50	µg/L	1	V-05	SW-846 8260D	8/12/25	8/15/25 3:26	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1	V-05	SW-846 8260D	8/12/25	8/15/25 3:26	MFF
Chlorobenzene	2.0	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/12/25	8/15/25 3:26	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
Methyl Acetate	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/12/25	8/15/25 3:26	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0437

Date Received: 8/8/2025

Field Sample #: MW6E-CP-00-20250806

Sampled: 8/6/2025 13:55

Sample ID: 25H0437-14

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	8/12/25	8/15/25 3:26	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/12/25	8/15/25 3:26	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		86.4		70-130				8/15/25 3:26	
Toluene-d8		94.8		70-130				8/15/25 3:26	
4-Bromofluorobenzene		91.2		70-130				8/15/25 3:26	



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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25H0437

Date Received: 8/8/2025

Field Sample #: MW6E-CP-00-20250806

Sampled: 8/6/2025 13:55

Sample ID: 25H0437-14

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Q#	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1			SW-846 8260D	8/12/25	8/15/25 3:26	MF

Sample Extraction Data

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
25H0437-01 [QC-TB-CP-20250807]	B411239	5	5.00	08/12/25
25H0437-02 [MW9B-CP-00-20250806]	B411239	5	5.00	08/12/25
25H0437-03 [MW9C-CP-00-20250806]	B411239	5	5.00	08/12/25
25H0437-04 [MW7BR-CP-00-20250806]	B411239	5	5.00	08/12/25
25H0437-05 [BP3A-CP-00-20250806]	B411239	5	5.00	08/12/25
25H0437-06 [BP3B-CP-00-20250806]	B411239	5	5.00	08/12/25
25H0437-07 [BP3C-CP-00-20250806]	B411239	5	5.00	08/12/25
25H0437-08 [MW10D-CP-00-20250806]	B411239	5	5.00	08/12/25
25H0437-09 [MW8B-CP-00-20250806]	B411239	5	5.00	08/12/25
25H0437-10 [MW8C-CP-00-20250806]	B411239	5	5.00	08/12/25
25H0437-11 [MW6B-CP-00-20250806]	B411239	5	5.00	08/12/25
25H0437-12 [MW6C-CP-00-20250806]	B411239	5	5.00	08/12/25
25H0437-13 [MW6D-CP-00-20250806]	B411239	5	5.00	08/12/25
25H0437-14 [MW6E-CP-00-20250806]	B411239	5	5.00	08/12/25

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B411239 - SW-846 5030B										
Blank (B411239-BLK1)										
Prepared: 08/12/25 Analyzed: 08/14/25										
Acetone	ND	50	µg/L							V-05
Benzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
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							V-05
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							V-05
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl Acetate	ND	1.0	µg/L							V-05
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methyl Cyclohexane	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							

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

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch B411239 - SW-846 5030B									
Blank (B411239-BLK1)					Prepared: 08/12/25 Analyzed: 08/14/25				
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L						
1,2,3-Trichloropropane	ND	2.0	µg/L						
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L						
1,2,4-Trimethylbenzene	ND	1.0	µg/L						
1,3,5-Trimethylbenzene	ND	1.0	µg/L						
Vinyl Chloride	ND	2.0	µg/L						
m+p Xylene	ND	2.0	µg/L						
o-Xylene	ND	1.0	µg/L						
Xylenes (total)	ND	1.0	µg/L						
Surrogate: 1,2-Dichloroethane-d4	21.2		µg/L	25.00		84.8	70-130		
Surrogate: Toluene-d8	24.1		µg/L	25.00		96.5	70-130		
Surrogate: 4-Bromofluorobenzene	24.4		µg/L	25.00		97.7	70-130		
LCS (B411239-BS1)					Prepared: 08/12/25 Analyzed: 08/14/25				
Acetone	77.7	50	µg/L	100.0		77.7	70-160		V-05 †
Benzene	9.95	1.0	µg/L	10.00		99.5	70-130		
Bromochloromethane	10.2	1.0	µg/L	10.00		102	70-130		
Bromodichloromethane	9.10	0.50	µg/L	10.00		91.0	70-130		
Bromoform	9.15	1.0	µg/L	10.00		91.5	70-130		
Bromomethane	8.47	2.0	µg/L	10.00		84.7	40-160		†
2-Butanone (MEK)	94.8	20	µg/L	100.0		94.8	40-160		†
n-Butylbenzene	10.0	1.0	µg/L	10.00		100	70-130		
sec-Butylbenzene	10.4	1.0	µg/L	10.00		104	70-130		
tert-Butylbenzene	10.7	1.0	µg/L	10.00		107	70-130		
Carbon Disulfide	93.8	5.0	µg/L	100.0		93.8	70-130		
Carbon Tetrachloride	7.56	5.0	µg/L	10.00		75.6	70-130		V-05
Chlorobenzene	11.2	1.0	µg/L	10.00		112	70-130		
Chlorodibromomethane	9.31	0.50	µg/L	10.00		93.1	70-130		
Chloroethane	8.13	2.0	µg/L	10.00		81.3	70-130		
Chloroform	9.18	2.0	µg/L	10.00		91.8	70-130		
Chloromethane	8.21	2.0	µg/L	10.00		82.1	40-160		†
Cyclohexane	9.25	5.0	µg/L	10.00		92.5	70-130		
1,2-Dibromo-3-chloropropane (DBCP)	8.22	5.0	µg/L	10.00		82.2	70-130		
1,2-Dibromoethane (EDB)	10.4	0.50	µg/L	10.00		104	70-130		
1,2-Dichlorobenzene	10.1	1.0	µg/L	10.00		101	70-130		
1,3-Dichlorobenzene	10.5	1.0	µg/L	10.00		105	70-130		
1,4-Dichlorobenzene	9.80	1.0	µg/L	10.00		98.0	70-130		
Dichlorodifluoromethane (Freon 12)	10.2	2.0	µg/L	10.00		102	40-160		†
1,1-Dichloroethane	9.04	1.0	µg/L	10.00		90.4	70-130		
1,2-Dichloroethane	8.68	1.0	µg/L	10.00		86.8	70-130		
1,1-Dichloroethylene	7.40	1.0	µg/L	10.00		74.0	70-130		V-05
cis-1,2-Dichloroethylene	8.94	1.0	µg/L	10.00		89.4	70-130		
trans-1,2-Dichloroethylene	8.17	1.0	µg/L	10.00		81.7	70-130		
1,2-Dichloropropane	9.69	1.0	µg/L	10.00		96.9	70-130		
cis-1,3-Dichloropropene	9.70	0.50	µg/L	10.00		97.0	70-130		
trans-1,3-Dichloropropene	9.89	0.50	µg/L	10.00		98.9	70-130		
Ethylbenzene	10.6	1.0	µg/L	10.00		106	70-130		
2-Hexanone (MBK)	91.3	10	µg/L	100.0		91.3	70-160		†
Isopropylbenzene (Cumene)	11.1	1.0	µg/L	10.00		111	70-130		
p-Isopropyltoluene (p-Cymene)	9.99	1.0	µg/L	10.00		99.9	70-130		
Methyl Acetate	7.30	1.0	µg/L	10.00		73.0	70-130		V-05
Methyl tert-Butyl Ether (MTBE)	9.41	1.0	µg/L	10.00		94.1	70-130		

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

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B411239 - SW-846 5030B										
LCS (B411239-BS1)										
					Prepared: 08/12/25 Analyzed: 08/14/25					
Methyl Cyclohexane	10.9	1.0	µg/L	10.00		109	70-130			
Methylene Chloride	8.55	5.0	µg/L	10.00		85.5	70-130			
4-Methyl-2-pentanone (MIBK)	92.8	10	µg/L	100.0		92.8	70-160			
Naphthalene	11.7	2.0	µg/L	10.00		117	40-130		V-20	†
n-Propylbenzene	10.5	1.0	µg/L	10.00		105	70-130			
Styrene	11.1	1.0	µg/L	10.00		111	70-130			
1,1,2,2-Tetrachloroethane	9.06	0.50	µg/L	10.00		90.6	70-130			
Tetrachloroethylene	10.6	1.0	µg/L	10.00		106	70-130			
Toluene	10.3	1.0	µg/L	10.00		103	70-130			
1,2,3-Trichlorobenzene	11.6	5.0	µg/L	10.00		116	70-130			
1,2,4-Trichlorobenzene	10.9	1.0	µg/L	10.00		109	70-130			
1,1,1-Trichloroethane	8.85	1.0	µg/L	10.00		88.5	70-130			
1,1,2-Trichloroethane	9.81	1.0	µg/L	10.00		98.1	70-130			
Trichloroethylene	10.3	1.0	µg/L	10.00		103	70-130			
Trichlorofluoromethane (Freon 11)	8.21	2.0	µg/L	10.00		82.1	70-130			
1,2,3-Trichloropropane	8.44	2.0	µg/L	10.00		84.4	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.48	1.0	µg/L	10.00		84.8	70-130			
1,2,4-Trimethylbenzene	10.1	1.0	µg/L	10.00		101	70-130			
1,3,5-Trimethylbenzene	10.6	1.0	µg/L	10.00		106	70-130			
Vinyl Chloride	9.03	2.0	µg/L	10.00		90.3	40-160			†
m+p Xylene	20.9	2.0	µg/L	20.00		105	70-130			
o-Xylene	10.6	1.0	µg/L	10.00		106	70-130			
Xylenes (total)	31.5	1.0	µg/L	30.00		105	0-200			
Surrogate: 1,2-Dichloroethane-d4	20.7		µg/L	25.00		82.7	70-130			
Surrogate: Toluene-d8	24.5		µg/L	25.00		98.0	70-130			
Surrogate: 4-Bromofluorobenzene	24.3		µg/L	25.00		97.2	70-130			
LCS Dup (B411239-BSD1)										
					Prepared: 08/12/25 Analyzed: 08/14/25					
Acetone	76.9	50	µg/L	100.0		76.9	70-160	0.931	25	V-05 †
Benzene	10.1	1.0	µg/L	10.00		101	70-130	1.30	25	
Bromochloromethane	9.80	1.0	µg/L	10.00		98.0	70-130	3.71	25	
Bromodichloromethane	9.28	0.50	µg/L	10.00		92.8	70-130	1.96	25	
Bromoform	9.57	1.0	µg/L	10.00		95.7	70-130	4.49	25	
Bromomethane	8.84	2.0	µg/L	10.00		88.4	40-160	4.27	25	†
2-Butanone (MEK)	91.6	20	µg/L	100.0		91.6	40-160	3.43	25	†
n-Butylbenzene	10.3	1.0	µg/L	10.00		103	70-130	2.76	25	
sec-Butylbenzene	10.4	1.0	µg/L	10.00		104	70-130	0.385	25	
tert-Butylbenzene	10.8	1.0	µg/L	10.00		108	70-130	0.653	25	
Carbon Disulfide	97.2	5.0	µg/L	100.0		97.2	70-130	3.66	25	
Carbon Tetrachloride	7.78	5.0	µg/L	10.00		77.8	70-130	2.87	25	V-05
Chlorobenzene	11.0	1.0	µg/L	10.00		110	70-130	1.44	25	
Chlorodibromomethane	9.38	0.50	µg/L	10.00		93.8	70-130	0.749	25	
Chloroethane	8.41	2.0	µg/L	10.00		84.1	70-130	3.39	25	
Chloroform	9.50	2.0	µg/L	10.00		95.0	70-130	3.43	25	
Chloromethane	8.63	2.0	µg/L	10.00		86.3	40-160	4.99	25	†
Cyclohexane	9.40	5.0	µg/L	10.00		94.0	70-130	1.61	25	
1,2-Dibromo-3-chloropropane (DBCP)	8.12	5.0	µg/L	10.00		81.2	70-130	1.22	25	
1,2-Dibromoethane (EDB)	10.2	0.50	µg/L	10.00		102	70-130	2.13	25	
1,2-Dichlorobenzene	10.5	1.0	µg/L	10.00		105	70-130	3.88	25	
1,3-Dichlorobenzene	10.7	1.0	µg/L	10.00		107	70-130	2.27	25	
1,4-Dichlorobenzene	10.0	1.0	µg/L	10.00		100	70-130	2.12	25	
Dichlorodifluoromethane (Freon 12)	10.6	2.0	µg/L	10.00		106	40-160	3.65	25	†

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

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B411239 - SW-846 5030B										
LCS Dup (B411239-BSD1)										
					Prepared: 08/12/25 Analyzed: 08/14/25					
1,1-Dichloroethane	9.47	1.0	µg/L	10.00		94.7	70-130	4.65	25	
1,2-Dichloroethane	8.56	1.0	µg/L	10.00		85.6	70-130	1.39	25	
1,1-Dichloroethylene	7.50	1.0	µg/L	10.00		75.0	70-130	1.34	25	V-05
cis-1,2-Dichloroethylene	9.07	1.0	µg/L	10.00		90.7	70-130	1.44	25	
trans-1,2-Dichloroethylene	8.26	1.0	µg/L	10.00		82.6	70-130	1.10	25	
1,2-Dichloropropane	9.95	1.0	µg/L	10.00		99.5	70-130	2.65	25	
cis-1,3-Dichloropropene	9.89	0.50	µg/L	10.00		98.9	70-130	1.94	25	
trans-1,3-Dichloropropene	10.2	0.50	µg/L	10.00		102	70-130	3.57	25	
Ethylbenzene	10.9	1.0	µg/L	10.00		109	70-130	3.35	25	
2-Hexanone (MBK)	91.9	10	µg/L	100.0		91.9	70-160	0.720	25	†
Isopropylbenzene (Cumene)	11.2	1.0	µg/L	10.00		112	70-130	1.35	25	
p-Isopropyltoluene (p-Cymene)	10.0	1.0	µg/L	10.00		100	70-130	0.100	25	
Methyl Acetate	7.12	1.0	µg/L	10.00		71.2	70-130	2.50	25	V-05
Methyl tert-Butyl Ether (MTBE)	9.27	1.0	µg/L	10.00		92.7	70-130	1.50	25	
Methyl Cyclohexane	10.6	1.0	µg/L	10.00		106	70-130	2.23	25	
Methylene Chloride	8.66	5.0	µg/L	10.00		86.6	70-130	1.28	25	
4-Methyl-2-pentanone (MIBK)	91.7	10	µg/L	100.0		91.7	70-160	1.20	25	†
Naphthalene	10.3	2.0	µg/L	10.00		103	40-130	12.2	25	V-20 †
n-Propylbenzene	10.9	1.0	µg/L	10.00		109	70-130	3.54	25	
Styrene	11.1	1.0	µg/L	10.00		111	70-130	0.721	25	
1,1,2,2-Tetrachloroethane	9.71	0.50	µg/L	10.00		97.1	70-130	6.93	25	
Tetrachloroethylene	10.6	1.0	µg/L	10.00		106	70-130	0.0944	25	
Toluene	10.7	1.0	µg/L	10.00		107	70-130	3.91	25	
1,2,3-Trichlorobenzene	11.7	5.0	µg/L	10.00		117	70-130	1.12	25	
1,2,4-Trichlorobenzene	11.0	1.0	µg/L	10.00		110	70-130	1.37	25	
1,1,1-Trichloroethane	9.17	1.0	µg/L	10.00		91.7	70-130	3.55	25	
1,1,2-Trichloroethane	10.9	1.0	µg/L	10.00		109	70-130	10.5	25	
Trichloroethylene	10.3	1.0	µg/L	10.00		103	70-130	0.486	25	
Trichlorofluoromethane (Freon 11)	8.27	2.0	µg/L	10.00		82.7	70-130	0.728	25	
1,2,3-Trichloropropane	8.20	2.0	µg/L	10.00		82.0	70-130	2.88	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.87	1.0	µg/L	10.00		88.7	70-130	4.50	25	
1,2,4-Trimethylbenzene	10.3	1.0	µg/L	10.00		103	70-130	1.57	25	
1,3,5-Trimethylbenzene	10.8	1.0	µg/L	10.00		108	70-130	2.34	25	
Vinyl Chloride	9.72	2.0	µg/L	10.00		97.2	40-160	7.36	25	†
m+p Xylene	21.9	2.0	µg/L	20.00		110	70-130	4.76	25	
o-Xylene	10.9	1.0	µg/L	10.00		109	70-130	2.42	25	
Xylenes (total)	32.8	1.0	µg/L	30.00		109	0-200	3.98		
Surrogate: 1,2-Dichloroethane-d4	20.9		µg/L	25.00		83.5	70-130			
Surrogate: Toluene-d8	24.5		µg/L	25.00		98.0	70-130			
Surrogate: 4-Bromofluorobenzene	25.6		µg/L	25.00		102	70-130			

FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.
V-20	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260D in Water</i>	
Acetone	CT,ME,NH,VA,NY,NJ
Benzene	CT,ME,NH,VA,NY,NJ
Bromochloromethane	ME,NH,VA,NY,NJ
Bromodichloromethane	CT,ME,NH,VA,NY,NJ
Bromoform	CT,ME,NH,VA,NY,NJ
Bromomethane	CT,ME,NH,VA,NY,NJ
2-Butanone (MEK)	CT,ME,NH,VA,NY,NJ
n-Butylbenzene	ME,VA,NY,NJ
sec-Butylbenzene	ME,VA,NY,NJ
tert-Butylbenzene	ME,VA,NY,NJ
Carbon Disulfide	CT,ME,NH,VA,NY,NJ
Carbon Tetrachloride	CT,ME,NH,VA,NY,NJ
Chlorobenzene	CT,ME,NH,VA,NY,NJ
Chlorodibromomethane	CT,ME,NH,VA,NY,NJ
Chloroethane	CT,ME,NH,VA,NY,NJ
Chloroform	CT,ME,NH,VA,NY,NJ
Chloromethane	CT,ME,NH,VA,NY,NJ
Cyclohexane	ME,NY,NJ
1,2-Dibromo-3-chloropropane (DBCP)	ME,NY,NJ
1,2-Dibromoethane (EDB)	ME,NY,NJ
1,2-Dichlorobenzene	CT,ME,NH,VA,NY,NJ
1,3-Dichlorobenzene	CT,ME,NH,VA,NY,NJ
1,4-Dichlorobenzene	CT,ME,NH,VA,NY,NJ
Dichlorodifluoromethane (Freon 12)	ME,NH,VA,NY,NJ
1,1-Dichloroethane	CT,ME,NH,VA,NY,NJ
1,2-Dichloroethane	CT,ME,NH,VA,NY,NJ
1,1-Dichloroethylene	CT,ME,NH,VA,NY,NJ
cis-1,2-Dichloroethylene	ME,NY,NJ
trans-1,2-Dichloroethylene	CT,ME,NH,VA,NY,NJ
1,2-Dichloropropane	CT,ME,NH,VA,NY,NJ
cis-1,3-Dichloropropene	CT,ME,NH,VA,NY,NJ
trans-1,3-Dichloropropene	CT,ME,NH,VA,NY,NJ
Ethylbenzene	CT,ME,NH,VA,NY,NJ
2-Hexanone (MBK)	CT,ME,NH,VA,NY,NJ
Isopropylbenzene (Cumene)	ME,VA,NY,NJ
p-Isopropyltoluene (p-Cymene)	CT,ME,NH,VA,NY,NJ
Methyl Acetate	ME,NY,NJ
Methyl tert-Butyl Ether (MTBE)	CT,ME,NH,VA,NY,NJ
Methyl Cyclohexane	NY,NJ
Methylene Chloride	CT,ME,NH,VA,NY,NJ
4-Methyl-2-pentanone (MIBK)	CT,ME,NH,VA,NY,NJ
Naphthalene	ME,NH,VA,NY,NJ
n-Propylbenzene	CT,ME,NH,VA,NY,NJ
Styrene	CT,ME,NH,VA,NY,NJ
1,1,2,2-Tetrachloroethane	CT,ME,NH,VA,NY,NJ
Tetrachloroethylene	CT,ME,NH,VA,NY,NJ
Toluene	CT,ME,NH,VA,NY,NJ

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260D in Water</i>	
1,2,3-Trichlorobenzene	ME,NH,VA,NY,NJ
1,2,4-Trichlorobenzene	CT,ME,NH,VA,NY,NJ
1,1,1-Trichloroethane	CT,ME,NH,VA,NY,NJ
1,1,2-Trichloroethane	CT,ME,NH,VA,NY,NJ
Trichloroethylene	CT,ME,NH,VA,NY,NJ
Trichlorofluoromethane (Freon 11)	CT,ME,NH,VA,NY,NJ
1,2,3-Trichloropropane	ME,NH,VA,NY,NJ
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	VA,NY,NJ
1,2,4-Trimethylbenzene	ME,VA,NY,NJ
1,3,5-Trimethylbenzene	ME,VA,NY,NJ
Vinyl Chloride	CT,ME,NH,VA,NY,NJ
m+p Xylene	CT,ME,NH,VA,NY,NJ
o-Xylene	CT,ME,NH,VA,NY,NJ
Xylenes (total)	ME,NY,NJ

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

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

ATTACHMENT D
FIELD DOCUMENTATION

Attachment D
Summary of Analytical Methods
July-September 2025 (3Q2025) Sampling Event
Claremont Polychemical Superfund Site OUS
Old Bethpage, NY

Location ID	Sample Date	Sample Time	Sample Type	Sample ID	Sample Method	8260D	E1633	SW6270DSIM
BP-12B	8/7/2025	11:30	N	BP12B-CP-00-20250807	PDB	X		
BP-12C	8/7/2025	11:31	N	BP12C-CP-00-20250807	PDB	X		
BP-13B	8/6/2025	12:30	N	BP13B-CP-00-20250806	PDB	X		
BP-13C	8/6/2025	12:31	N	BP13C-CP-00-20250806	PDB	X		
BP-3A	8/6/2025	14:00	N	BP3A-CP-00-20250806	PDB	X		
BP-3B	8/6/2025	14:01	N	BP3B-CP-00-20250806	PDB	X		
BP-3C	8/6/2025	14:02	N	BP3C-CP-00-20250806	PDB	X		
BP-5B	8/6/2025	13:01	FD	BP5B-CP-01-20250806	PDB	X		
BP-5B	8/6/2025	13:01	N	BP5B-CP-00-20250806	PDB	X		
BP-5C	8/6/2025	13:00	N	BP5C-CP-00-20250806	PDB	X		
DW-1	8/6/2025	09:40	N	DW1-CP-00-20250806	PDB	X		
DW-2	8/6/2025	09:06	N	DW2-CP-00-20250806	PDB	X		
EW-11D	8/6/2025	09:40	N	EW11D-CP-00-20250806	PDB	X		
EW-12D	8/6/2025	09:45	N	EW12D-CP-00-20250806	PDB	X		
EW-14D	8/6/2025	09:50	N	EW14D-CP-00-20250806	PDB	X		
EW-1A	8/6/2025	09:55	N	EW1A-CP-00-20250806	PDB	X		
EW-1B	8/6/2025	10:05	N	EW1B-CP-00-20250806	PDB	X		
EW-1C	8/6/2025	10:15	N	EW1C-CP-00-20250806	PDB	X		
EW-2A	8/7/2025	10:00	N	EW2A-CP-00-20250807	PDB	X		
EW-2B	8/7/2025	10:01	N	EW2B-CP-00-20250807	PDB	X		
EW-2C	8/7/2025	10:02	N	EW2C-CP-00-20250807	PDB	X		
EW-2D	8/7/2025	10:03	N	EW2D-CP-00-20250807	PDB	X		
EW-4A	8/6/2025	11:39	N	EW4A-CP-00-20250806	PDB	X		
EW-4B	8/6/2025	11:40	N	EW4B-CP-00-20250806	PDB	X		
EW-4C	8/6/2025	11:41	N	EW4C-CP-00-20250806	PDB	X		
EW-4D	8/6/2025	11:42	FD	EW4D-CP-01-20250806	PDB	X		
EW-4D	8/6/2025	11:42	N	EW4D-CP-00-20250806	PDB	X		
EW-5	8/6/2025	08:55	N	EW5-CP-00-20250806	PDB	X		
EW-7C	8/7/2025	09:00	N	EW7C-CP-00-20250807	PDB	X		
EW-7D	8/7/2025	09:05	N	EW7D-CP-00-20250807	PDB	X		
LF-1	8/6/2025	10:33	N	LF1-CP-00-20250806	PDB	X		
M-30B-R	8/7/2025	08:30	N	M30BR-CP-00-20250807	PDB	X		
MW-10D	8/6/2025	14:45	N	MW10D-CP-00-20250806	PDB	X		
MW-11A	8/7/2025	11:40	N	MW11A-CP-00-20250807	PDB	X		
MW-11B	8/7/2025	11:45	N	MW11B-CP-00-20250807	PDB	X		
MW-5B	8/6/2025	11:50	N	MW5B-CP-00-20250806	PDB	X		
MW-6B	8/6/2025	14:05	N	MW6B-CP-00-20250806	PDB	X		
MW-6C	8/6/2025	13:35	N	MW6C-CP-00-20250806	PDB	X		
MW-6D	8/6/2025	13:45	N	MW6D-CP-00-20250806	PDB	X		
MW-6E	8/6/2025	13:55	N	MW6E-CP-00-20250806	PDB	X		
MW-6F	8/6/2025	13:25	N	MW6F-CP-00-20250806	PDB	X		
MW-7B-R	8/6/2025	14:30	N	MW7BR-CP-00-20250806	PDB	X		
MW-8A	8/7/2025	10:20	N	MW8A-CP-00-20250807	PDB	X		
MW-8B	8/6/2025	12:35	N	MW8B-CP-00-20250806	PDB	X		
MW-8C	8/6/2025	12:45	N	MW8C-CP-00-20250806	PDB	X		
MW-9B	8/6/2025	11:25	N	MW9B-CP-00-20250806	PDB	X		
MW-9C	8/6/2025	11:35	N	MW9C-CP-00-20250806	PDB	X		
MW-CPC-36	8/6/2025	09:40	N	MW-CPC-36-25-251-20250806-0	LF	X	X	X
MW-CPC-37	8/6/2025	14:05	N	MW-CPC-37-25-445-20250806-0	LF	X	X	X
MW-CPC-38	8/5/2025	09:40	FD	MW-CPC-38-25-391-20250805-1	LF	X	X	X
MW-CPC-38	8/5/2025	09:40	N	MW-CPC-38-25-391-20250805-0	LF	X	X	X
MW-CPC-39	8/4/2025	16:40	N	MW-CPC-39-25-374-20250804-0	LF	X	X	X
MW-CPC-40	8/5/2025	13:40	N	MW-CPC-40-25-312-20250805-0	LF	X	X	X
MW-CPC-41	8/7/2025	09:20	N	MW-CPC-41-25-258-20250807-0	LF	X	X	X
OBS-1	8/6/2025	11:10	N	OBS1-CP-00-20250806	PDB	X		
SW-1	8/6/2025	09:30	N	SW1-CP-00-20250806	PDB	X		
WT-01	8/6/2025	12:00	N	WT01-CP-00-20250806	PDB	X		

Notes:

PDB - passive diffusion bag
LF - low flow
N - normal sample
FD - field duplicate



Groundwater Monitoring Field Data Form
 Site: Claremont Polychemical Corporation Site
 150 Winding Road, Old Bethpage, New York 11804

Project No.: 1940101703

MW-CPC-36

Date:	08/06/2025	Casing Material:	PVC	Depth to Water:	22.99
Weather Conditions:	Cloudy	Casing Diameter:	2	Well Depth:	255.7
Water Quality Meter:	YSI/HACH	PID (ppm):	NA	Pump Intake Depth:	251
Purge Method:	Low Flow - Geotec Bladder Pump	NAPL Start Depth:	NA	Water Column in Well:	232.71
Purge Volume Units:	ml	NAPL End Depth:	NA	Water Volume in Well:	37.96
Sampling Type:	Low Flow	NAPL Thickness:	NA		
Comments:					

Initial Observations

Purge Start Time	Color	Odor	Sheen/Product	Remarks
0845	Clear	None	No	Pump ID: 8253 Control box: 46459 Hach: 231993

Field Parameters

Time	Flow Rate	Purge Volume	Cuml Purge Volume	Temp	pH	Cond.	ORP	DO	Turbidity	DTW	Remarks
	ml/min	ml	ml	C	SU	mS/cm	mV	mg/L	NTU	ft BTOC	
0845	200	0	0.0	18.2	6.98	0.431	205.2	5.79	4.15	22.96	
0850	200	1000	1000	14.4	6.89	0.377	-48.7	4.48	5.39	23.12	
0855	200	1000	2000	14.3	7.37	0.416	-128.5	2.08	5.89	23.13	
0900	200	1000	3000	14.2	7.30	0.429	-176.6	0.51	4.16	23.13	
0905	200	1000	4000	14.2	7.25	0.431	-177.1	0.43	5.18	23.12	
0910	200	1000	5000	14.2	7.26	0.432	-183.4	0.35	7.58	23.13	
0915	200	1000	6000	14.1	7.27	0.436	-186	0.31	7.28	23.13	
0920	200	1000	7000	14.1	7.28	0.439	-186.6	0.30	8.34	23.13	
0925	200	1000	8000	14.1	7.29	0.435	-186.6	0.30	8.38	23.13	
0930	200	1000	9000	14.1	7.26	0.428	-186.7	0.30	8.96	23.13	

Final Observations

End purge time	Color	Odor	Sheen/Product	Remarks
0930	Clear	None	No	

Sampling Summary

Sample Date:	8/6/2025	Sample Time:	0940
Sample ID:	MW-CPC-36-25-251-20250806-0	Sampler Name:	ECL
QC Sample ID:	NA	QC Sample Time:	NA
Remarks:			

Well Integrity

Item	Yes	No	NA	Notes
Type of well head				Flush Mount
Is well accessible? (add comment or picture)	X			
Well Secured on initial inspection	X			
Is Well ID Visible?	X			
Water in the well box		X		
Protective casing or sleeve around well in good condition (if no comment)	X			





Groundwater Monitoring Field Data Form
 Site: Claremont Polychemical Corporation Site
 150 Winding Road, Old Bethpage, New York 11804

Project No.: 1940101703

MW-CPC-37

Date:	08/06/2025	Casing Material:	PVC	Depth to Water:	30.18
Weather Conditions:	Cloudy	Casing Diameter:	2	Well Depth:	450
Water Quality Meter:	YSI/HACH	PID (ppm):	NA	Pump Intake Depth:	445
Purge Method:	Low Flow - Geotec Bladder Pump	NAPL Start Depth:	NA	Water Column in Well:	419.82
Purge Volume Units:	ml	NAPL End Depth:	NA	Water Volume in Well:	68.47
Sampling Type:	Low Flow	NAPL Thickness:	NA		
Comments:					

Initial Observations

Purge Start Time	Color	Odor	Sheen/Product	Remarks
1220	Clear	Slight unknown chemical	No	Pump ID: 8253 Control box: 46459 Hach: 231993

Field Parameters

Time	Flow Rate	Purge Volume	Cuml Purge Volume	Temp	pH	Cond.	ORP	DO	Turbidity	DTW	Remarks
	ml/min	ml	ml	C	SU	mS/cm	mV	mg/L	NTU	ft BTOC	
1220	200	0	0.0	17.1	3.92	0.216	84.2	8.03	7.53	29.50	
1225	200	1000	1000	16	1.88	0.224	82.5	5.30	11.80	29.50	
1230	200	1000	2000	15.6	1.78	0.243	25.4	1.39	7.81	29.50	
1235	200	1000	3000	15.4	2.53	0.285	-2.8	0.74	3.54	29.54	
1240	200	1000	4000	15.3	2.24	0.294	0.4	0.66	2.63	29.64	
1245	200	1000	5000	15.3	2.44	0.294	3.3	0.66	5.61	29.72	
1250	200	1000	6000	15.1	2.84	0.295	17.7	0.59	5.07	29.89	
1255	200	1000	7000	14.9	1.37	0.347	126.7	0.50	9.70	29.90	
1300	200	1000	8000	15	0.76	0.376	229.2	0.50	5.63	29.93	
1305	200	1000	9000	14.9	0.82	0.382	249.9	0.42	3.50	29.98	
1310	200	1000	10000	14.8	0.92	0.386	262.1	0.37	4.31	30.05	
1315	200	100	10100	14.8	0.95	0.389	270.7	0.34	9.20	30.16	
1320	200	1000	11100	14.6	1.01	0.392	278.9	0.32	4.04	30.14	
1325	200	1000	12100	14.8	1.01	0.393	285	0.30	4.77	30.20	
1330	200	1000	13100	15.1	1.04	0.394	289.4	0.48	4.67	30.23	
1335	200	1000	14100	15.1	1.10	0.395	292.3	0.45	6.08	30.26	
1340	200	1000	15100	15.1	1.63	0.394	295.4	0.44	5.97	30.25	
1345	200	1000	16100	15.1	1.76	0.397	296.8	0.45	5.36	30.29	
1350	200	1000	17100	15.1	1.80	0.398	298.8	0.44	5.39	30.28	
1355	200	1000	18100	15.1	1.79	0.399	299.9	0.44	5.17	30.31	

Final Observations

End purge time	Color	Odor	Sheen/Product	Remarks
1355	Clear	None	No	

Sampling Summary

Sample Date:	8/6/2025	Sample Time:	1405
Sample ID:	MW-CPC-37-25-445-20250806-0	Sampler Name:	ECL
QC Sample ID:	NA	QC Sample Time:	NA
Remarks:			

Well Integrity

Item	Yes	No	NA	Notes
Type of well head				Flush Mount
Is well accessible? (add comment or picture)	X			
Well Secured on initial inspection	X			
Is Well ID Visible?	X			
Water in the well box		X		
Protective casing or sleeve around well in good condition (if no comment)	X			



MW-CPC-37 Litt 40.73842, Lon -73.43912 Azimuth: -1.00, Wed, Aug 6, 2025



Groundwater Monitoring Field Data Form
 Site: Claremont Polychemical Corporation Site
 150 Winding Road, Old Bethpage, New York 11804

Project No.: 1940101703

MW-CPC-38

Date:	08/05/2025	Casing Material:	PVC	Depth to Water:	31.26
Weather Conditions:	Cloudy Warm	Casing Diameter:	2	Well Depth:	395
Water Quality Meter:	YSI/HACH	PID (ppm):	NA	Pump Intake Depth:	391
Purge Method:	Low Flow - Geotec Bladder Pump	NAPL Start Depth:	NA	Water Column in Well:	363.74
Purge Volume Units:	ml	NAPL End Depth:	NA	Water Volume in Well:	0
Sampling Type:	Low Flow	NAPL Thickness:	NA		
Comments:					

Initial Observations

Purge Start Time	Color	Odor	Sheen/Product	Remarks
0845	Clear	None	No	Pump ID: 8253 Control box: 46459 Hach: 231993

Field Parameters

Time	Flow Rate	Purge Volume	Cuml Purge Volume	Temp	pH	Cond.	ORP	DO	Turbidity	DTW	Remarks
	ml/min	ml	ml	C	SU	mS/cm	mV	mg/L	NTU	ft BTOC	
0845	300	0	0	15.4	9.88	0.128	-37.8	7.30	10.10	30.48	
0850	200	1500	1500	16.9	10.17	0.132	-119.4	2.40	9.24	30.38	
0855	200	1000	2500	16	10.03	0.131	-132.2	1.42	8.25	30.30	
0900	200	1000	3500	16	10.04	0.130	-137.8	1.24	8.42	30.23	
0905	200	1000	4500	16	9.99	0.129	-145	0.52	8.57	30.22	
0910	200	1000	5500	15.8	9.95	0.127	-149.7	0.44	9.28	30.13	
0914	200	1000	6500	15.6	9.96	0.128	-153.6	0.42	7.73	30.06	
0920	200	1000	7500	15.7	9.96	0.128	-157	0.38	8.29	30.02	
0925	200	1000	8500	15.7	9.96	0.128	-159	0.36	8.15	30.01	
0930	200	1000	9500	15.6	9.96	0.128	-160.5	0.36	8.14	30	

Final Observations

End purge time	Color	Odor	Sheen/Product	Remarks
0930	Clear	None	No	

Sampling Summary

Sample Date:	8/5/2025	Sample Time:	0940
Sample ID:	MW-CPC-38-25-391-20250805-1	Sampler Name:	ECL
QC Sample ID:	MW-CPC-38-25-391-20250805-1	QC Sample Time:	0940
Remarks:			

Well Integrity

Item	Yes	No	NA	Notes
Type of well head				Flush Mount
Is well accessible? (add comment or picture)	X			
Well Secured on initial inspection	X			
Is Well ID Visible?	X			
Water in the well box		X		
Protective casing or sleeve around well in good condition (if no comment)	X			





Groundwater Monitoring Field Data Form
 Site: Claremont Polychemical Corporation Site
 150 Winding Road, Old Bethpage, New York 11804

Project No.: 1940101703

MW-CPC-39

Date:	<u>08/04/2025</u>	Casing Material:	<u>PVC</u>	Depth to Water:	<u>27.01</u>
Weather Conditions:	<u>Clear Sunny</u>	Casing Diameter:	<u>2</u>	Well Depth:	<u>390</u>
Water Quality Meter:	<u>YSI/HACH</u>	PID (ppm):	<u>NA</u>	Pump Intake Depth:	<u>374</u>
Purge Method:	<u>Low Flow - Geotec Bladder Pump</u>	NAPL Start Depth:	<u>NA</u>	Water Column in Well:	<u>362.99</u>
Purge Volume Units:	<u>ml</u>	NAPL End Depth:	<u>NA</u>	Water Volume in Well:	<u>59.21</u>
Sampling Type:	<u>Low Flow</u>	NAPL Thickness:	<u>NA</u>		
Comments:	<hr/>				

Initial Observations

Purge Start Time	Color	Odor	Sheen/Product	Remarks
1524	Clear	None	No	Pump ID: 8253 Control box: 46459 Hach: 231993

Field Parameters

Time	Flow Rate	Purge Volume	Cuml Purge Volume	Temp	pH	Cond.	ORP	DO	Turbidity	DTW	Remarks
	ml/min	ml	ml	C	SU	mS/cm	mV	mg/L	NTU	ft BTOC	
1525	150	750	750	18.3	7.29	0.031	34.9	7.33	18.50	27.36	
1530	150	750	1500	16.9	6.16	0.029	101.4	8.44	7.08	27.51	
1535	200	1000	2500	16.6	5.52	0.032	151.4	8.94	6.40	27.60	
1540	200	1000	3500	16.5	5.19	0.035	169.1	8.69	6.92	27.41	
1545	200	1000	4500	16.3	5.12	0.041	177	8.38	6.36	27.32	
1550	200	1000	5500	16.1	5.11	0.046	179	8.03	8.34	27.37	
1555	200	1000	6500	16	5.17	0.049	59.7	7.54	5.66	27.13	
1600	200	1000	7500	16	5.12	0.048	45.5	1.79	11.70	27.01	
1605	200	1000	8500	15.9	5	0.047	62.2	0.65	29.40	27.03	
1610	200	1000	9500	15.7	5	0.047	62.8	0.54	19.20	27.03	
1615	200	1000	10500	15.6	5.03	0.047	56.9	0.46	18.50	26.89	
1620	200	1000	11500	15.6	5.08	0.048	51	0.46	16.50	26.80	
1625	200	1000	12500	15.5	5.10	0.048	46.9	0.49	16.40	26.89	
1630	200	1000	13500	15.5	5.12	0.048	43.5	0.46	15.60	26.75	

Final Observations

End purge time	Color	Odor	Sheen/Product	Remarks
1630	Clear	None	No	

Sampling Summary

Sample Date:	<u>8/4/2025</u>	Sample Time:	<u>1640</u>
Sample ID:	<u>MW-CPC-39-25-374-20250804-0</u>	Sampler Name:	<u>RFB</u>
QC Sample ID:	<u>NA</u>	QC Sample Time:	<u>NA</u>



Groundwater Monitoring Field Data Form
Site: Claremont Polychemical Corporation Site
150 Winding Road, Old Bethpage, New York 11804

Project No.: 1940101703

Remarks: _____

Well Integrity

Item	Yes	No	NA	Notes
Type of well head				Flush Mount
Is well accessible? (add comment or picture)	X			
Well Secured on initial inspection		X		
Is Well ID Visible?	X			
Water in the well box		X		
Protective casing or sleeve around well in good condition (if no comment)	X			
Any repairs/replacement (explain)				Sheared bolts
Remarks				Requires bolts



Groundwater Monitoring Field Data Form
 Site: Claremont Polychemical Corporation Site
 150 Winding Road, Old Bethpage, New York 11804

Project No.: 1940101703

MW-CPC-40

Date:	<u>08/05/2025</u>	Casing Material:	<u>PVC</u>	Depth to Water:	<u>58.20</u>
Weather Conditions:	<u>Cloudy</u>	Casing Diameter:	<u>2</u>	Well Depth:	<u>317</u>
Water Quality Meter:	<u>YSI/HACH</u>	PID (ppm):	<u>NA</u>	Pump Intake Depth:	<u>312</u>
Purge Method:	<u>Low Flow - Geotec Bladder Pump</u>	NAPL Start Depth:	<u>NA</u>	Water Column in Well:	<u>258.80</u>
Purge Volume Units:	<u>ml</u>	NAPL End Depth:	<u>NA</u>	Water Volume in Well:	<u>0</u>
Sampling Type:	<u>Low Flow</u>	NAPL Thickness:	<u>NA</u>		
Comments:	<hr/>				

Initial Observations

Purge Start Time	Color	Odor	Sheen/Product	Remarks
1250	Clear	None	No	Pump ID: 8253 Control box: 46459 Hach: 231993

Field Parameters

Time	Flow Rate	Purge Volume	Cuml Purge Volume	Temp	pH	Cond.	ORP	DO	Turbidity	DTW	Remarks
	ml/min	ml	ml	C	SU	mS/cm	mV	mg/L	NTU	ft BTOC	
1235	200	0	0	21.4	5.85	0.093	126.5	10.13	3.02	58.31	
1255	200	1000	1000	16.9	5.70	0.093	136.2	6.02	3.42	58.29	
1300	200	1000	2000	17	5.65	0.092	141.6	2.21	2.18	58.25	
1305	200	1000	3000	16.8	5.65	0.092	141.1	0.93	4.88	58.24	
1310	200	1000	4000	16.9	5.58	0.092	142.4	0.60	5.64	58.23	
1315	200	1000	5000	17	4.75	0.100	199.6	1.40	2	58.27	
1320	200	1000	6000	16.9	4.67	0.101	225.5	1.74	1.21	58.30	
1325	200	1000	7000	16.6	4.65	0.101	234.7	1.85	1.43	58.23	
1330	200	1000	8000	16.4	4.64	0.102	240.7	1.91	1.34	58.27	
1335	200	1000	9000	16.6	4.63	0.102	245.1	1.93	1.50	58.24	
1340	200	1000	10000	16.7	4.62	0.102	247.6	1.90	1.63	58.30	

Final Observations

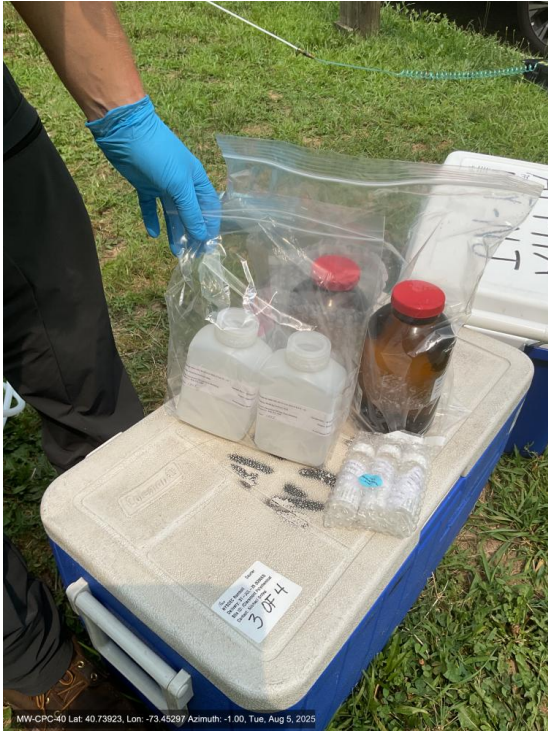
End purge time	Color	Odor	Sheen/Product	Remarks
1648	Clear	None	No	

Sampling Summary

Sample Date:	<u>8/5/2025</u>	Sample Time:	<u>1340</u>
Sample ID:	<u>MW-CPC-40-25-312-20250805-0</u>	Sampler Name:	<u>ECL</u>
QC Sample ID:	<u>NA</u>	QC Sample Time:	<u>NA</u>
Remarks:	<hr/>		

Well Integrity

Item	Yes	No	NA	Notes
Type of well head				Stick Up
Is well accessible? (add comment or picture)	X			
Well Secured on initial inspection		X		
Is Well ID Visible?	X			
Water in the well box		X		
Protective casing or sleeve around well in good condition (if no comment)	X			





Groundwater Monitoring Field Data Form
 Site: Claremont Polychemical Corporation Site
 150 Winding Road, Old Bethpage, New York 11804

Project No.: 1940101703

MW-CPC-41

Date:	<u>08/07/2025</u>	Casing Material:	<u>PVC</u>	Depth to Water:	<u>20.71</u>
Weather Conditions:	<u>Clear Warm</u>	Casing Diameter:	<u>2</u>	Well Depth:	<u>263</u>
Water Quality Meter:	<u>YSI/HACH</u>	PID (ppm):	<u>NA</u>	Pump Intake Depth:	<u>258</u>
Purge Method:	<u>Low Flow - Geotec Bladder Pump</u>	NAPL Start Depth:	<u>NA</u>	Water Column in Well:	<u>242.29</u>
Purge Volume Units:	<u>ml</u>	NAPL End Depth:	<u>NA</u>	Water Volume in Well:	<u>39.51</u>
Sampling Type:	<u>Low Flow</u>	NAPL Thickness:	<u>NA</u>		
Comments:	<hr/>				

Initial Observations

Purge Start Time	Color	Odor	Sheen/Product	Remarks
0812	Clear	None	No	Pump ID: 8253 Control box: 46459 Hach: 231993

Field Parameters

Time	Flow Rate	Purge Volume	Cuml Purge Volume	Temp	pH	Cond.	ORP	DO	Turbidity	DTW	Remarks
	ml/min	ml	ml	C	SU	mS/cm	mV	mg/L	NTU	ft BTOC	
0812	200	0	0	17.4	5.39	0.137	130.4	1.33	1.53	20.74	
0817	200	1000	1000	17.4	5.35	0.131	100.9	5.59	1.41	20.80	
0822	200	1000	2000	17.5	5.29	0.123	30.4	0.79	1.60	20.82	
0827	200	1000	3000	17.4	5.30	0.122	23.6	0.71	1.38	20.82	
0832	200	1000	4000	17.2	5.31	0.124	8.2	0.55	1.29	20.80	
0837	200	1000	5000	17.1	4.92	0.138	38.8	0.52	1.67	20.81	
0842	200	1000	6000	17.1	4.01	0.206	149.8	0.54	1.28	20.84	
0847	200	1000	7000	17.2	3.95	0.221	197.5	0.51	1.44	20.81	
0852	200	1000	8000	17.2	3.95	0.222	201.3	0.51	1.19	20.80	
0857	200	1000	9000	17.2	3.95	0.222	220.6	0.51	1.31	20.80	
0902	200	1000	10000	17.1	3.95	0.223	244.6	0.49	1.01	20.81	
0907	200	1000	11000	17.2	3.95	0.224	258.7	0.48	1.75	20.81	
0912	200	1000	12000	17	3.95	0.224	261.8	0.50	1.68	20.80	
0917	200	1000	13000	17.2	3.95	0.224	267.6	0.48	1.78	20.80	

Final Observations

End purge time	Color	Odor	Sheen/Product	Remarks
0917	Clear	None	No	

Sampling Summary

Sample Date:	<u>8/7/2025</u>	Sample Time:	<u>0920</u>
Sample ID:	<u>MW CPC 4125258202508070</u>	Sampler Name:	<u>Sb</u>
QC Sample ID:	<u>NA</u>	QC Sample Time:	<u>NA</u>



Groundwater Monitoring Field Data Form
Site: Claremont Polychemical Corporation Site
150 Winding Road, Old Bethpage, New York 11804

Project No.: 1940101703

Remarks: _____

Well Integrity

Item	Yes	No	NA	Notes
Type of well head				Flush Mount
Is well accessible? (add comment or picture)	X			
Well Secured on initial inspection	X			
Is Well ID Visible?	X			
Water in the well box		X		
Protective casing or sleeve around well in good condition (if no comment)	X			

PFAS Pre-Sampling Checklist

Site Name: _____ Task: _____

Weather (temp/precip): _____ Date: _____

Pre-Mobilization:

- The QAPP or other site-specific field guidance has been consulted for sample locations, QC sampling requirements, and sample nomenclature

Field Clothing and PPE:

- Using white Tyvek®; not using yellow Tyvek®
- Clothing has not been most recently washed with fabric softeners or other treatments
- Clothing has not been permanently chemically treated for insect resistance or UV protection
- Clothing has not been treated with materials or formulations potentially containing PTFE or other PFAS products listed named in this checklist
- Any personal care products, if used, have been applied outside sampling zone, hands have been washed, and new nitrile gloves are being used
- Any use of sunscreens or insect repellants is consistent with the commercial products named in this checklist

Field Equipment:

- Subcontractor (e.g., driller) materials and equipment conform to the requirements of this checklist (as applicable)
- Sampling equipment is free of PTFE and other potentially PFAS-containing components listed in this checklist
- Sampling equipment is made from stainless steel, HDPE, acetate, silicon, HDPE, or nylon
- Waterproof field books, waterproof paper, and Post-It Notes® are not used
- Markers (e.g., Sharpies®) are used only in the staging area or are not used

Sample Containers:

- Water ice is in use only, not chemical (blue) ice packs
- Sample containers have been received and are made of HDPE or polypropylene
- Bottleneck for non-drinking water samples do not contain preservative
- Caps are unlined and made of HDPE or polypropylene

Wet Weather (as applicable):

- Wet weather gear made of polyurethane and PVC only, or is being worn under white Tyvek® covering

Equipment Decontamination (as applicable):

- On-site or off-site public or private water, if to be used for equipment decontamination, has been analyzed and is "PFAS-free" (water that does not contain any site-specific target PFAS analytes above laboratory detection limits).
- Alconox®, Liquinox®, or Citranox® are being used as decontamination cleaning agents; Decon 90® is not being used

Food Considerations:

- Any pre-wrapped food or snacks, carry-out food, fast food, or other food items will remain in the staging area
- Any food items, will be consumed outside the sampling zone, hands will be washed, and new PPE and nitrile gloves will be used

Work Area and Vehicle Considerations:

- Work areas, including vehicle interiors if used for sample handling, are covered with HDPE or LDPE plastic to prevent contact with potentially PFAS-containing materials and surfaces

If any applicable boxes cannot be checked, describe deviations below and work with field personnel to address issues prior to commencement of that day's work. Materials present and identified as potentially containing PFAS through use of this checklist should be relocated to the support area or other area of the site away from the sampling locations and noted below.

Field Team Leader Name and Signature

Time

Field clothing and PPE to be **avoided** include:

- Clothing that has recently been washed with fabric softener.
- Coated (i.e., yellow) Tyvek®.
- Clothing chemically treated for insect resistance and ultraviolet protection.
- Clothing that has been treated with water and/or stain resistant coatings such as:
 - Any Teflon® fabric protectors (e.g., Gore Tex)
 - Any Scotchgard™ fabric protectors
 - Bionic Finish®
 - GreenShield®
 - High-Performance Release Teflon®
 - Lurotex Protector RL ECO®

 - Resists Spills™ and Releases Stains™
 - RUCO®
 - RUCO-COAT®
 - RUCO-GUARD®
 - RUCO-PROTECT®
 - RUCOSTAR®

 - NK Guard S series
 - Oleophobol CP®
 - Repel Teflon® fabric protector
 - Repellan KFC®

 - Rucostar® EEE6
 - RUCOTEC®
 - Ultra Release Teflon®

 - Unidyne™

If required, sun and biological protection products **preferred for use** (however, care should be taken to use these exact products because similar products from the same brand may contain PFAS) include:

- Alba Organics Natural Sunscreen
- Aubrey Organics
- Avon Skin So Soft Bug Guard-SPF 30
- Baby Ganics
- Banana Boat for Men Triple Defense Continuous Spray Sunscreen SPF 30
- Banana Boat Sport Performance Coolzone Broad Spectrum SPF 30
- Banana Boat Sport Performance Sunscreen Lotion Broad Spectrum SPF 30
- Banana Boat Sport Performance Sunscreen Stick SPF 50
- California Baby Natural Bug Spray

- Coppertone Sport High-Performance AccuSpray Sunscreen SPF 30
- Coppertone Sunscreen Lotion Ultra Guard Broad Spectrum SPF 50
- Coppertone Sunscreen Stick Kids SPF 55
- Herbal Armor
- Jason Natural Quit Bugging Me
- Jason Natural Sun Block
- Kiss My Face
- L'Oréal Silky Sheer Face Lotion 50+
- Meijer Clear Zinc Sunscreen Lotion Broad Spectrum SPF 15, 30 and 50
- Meijer Wet Skin Kids Sunscreen Continuous Spray Broad Spectrum SPF 70
- Neutrogena Beach Defense Water + Sun Barrier Lotion SPF 70
- Neutrogena Beach Defense Water + Sun Barrier Spray Broad Spectrum SPF 30
- Neutrogena Pure & Free Baby Sunscreen Broad Spectrum SPF 60+
- Neutrogena Ultra-Sheer Dry-Touch Sunscreen Broad Spectrum SPF 30
- Repel Lemon Eucalyptus
- Sawyer Permethrin
- Yes To Cucumbers

Sampling equipment and materials to be **avoided**, which include:

- Polytetrafluoroethylene (PTFE), including the trademarks Teflon[®] and Hostaflon[®].
- Fluorinated ethylene propylene (FEP), including the trademarks Teflon[®] FEP, Hostaflon[®] FEP, and Neoflon[®].
- Polyvinylidene fluoride (PVDF), including the trademark Kynar[®].
- Polychlorotrifluoroethylene (PCTFE), including the trademark Neoflon[®].
- Ethylene-tetrafluoroethylene (ETFE), including the trademark Tefzel[®].
- Trademarks Viton[®], Gore-Tex[®] and Decon 90[®] products with the term "fluoro" in the product name.
- Waterproof field notebooks.
- New clothing, as it may have fabric treatment applied.
- Post-It[®] notes or similar.
- Decon 90[®].

