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2025 SECOND QUARTER GROUNDWATER MONITORING REPORT CLAREMONT POLYCHEMICAL CORPORATION SITE

**2025 SECOND 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	17
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. June 2025 Potentiometric Surface – Upper Magothy
4. June 2025 Potentiometric Surface – Middle Magothy.
5. June 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. May/June 2025 Tetrachloroethene (PCE) Plume
- 36. May/June 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 second quarter of 2025 (April through June) 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 39 other perfluorinated compounds by USEPA Method 1633. 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 April through June 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 second quarter of 2025 were 716 gpm in April, 707 gpm in May, and 689 gpm in June.

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 March 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	April Total Flow (gallons)	May Total Flow (gallons)	June Total Flow (gallons)
RW-1*	0	0	0
RW-2*	0	0	0
RW-3	10,048,000	11,675,000	9,096,000
RW-4	10,677,000	10,764,000	8,022,000
RW-5	9,718,000	11,250,000	8,706,000
Total Influent	31,234,000	34,747,000	26,597,000
Total Effluent	29,820,000	33,654,000	25,832,000

Location	April Total Flow (gallons)	May Total Flow (gallons)	June 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 second quarter of 2025, the system processed approximately 89,306,000 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)
April	1,028,276
May	1,019,818
June	922,571
Quarterly Average	990,222

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 728.88 kilograms (1,606.90 pounds) of TCE, 95.34 kilograms (210.19 pounds) of PCE, and 14.27 kilograms (31.46 pounds) of 1,1-DCE have been removed by the OU-5 system (as of the 2025 second quarter process sampling event which was performed in May and June 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
Cumulative Total		947*	838.63
*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 second quarter of 2025. In addition, the effluent concentrations of detected parameters, were under permissible levels: barium (77.8 µg/L), manganese (143 µg/L), total nitrogen (8.5 mg/L), and total dissolved solids (300 mg/L) during the second quarter of 2025 when sampled in June. 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

	April	May	June
Average Effluent pH (su)	7.16	7.02	7.05

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 second 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– 1Q2025 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	April 2025	<u>21</u>	<u>16</u>	<u>47</u>
	May 2025	<u>18</u>	<u>14</u>	<u>44</u>
	June 2025	<u>18</u>	<u>17</u>	<u>51</u>
Effluent (PD-009)	April 2025	<u>21</u>	<u>14</u>	<u>43</u>
	May 2025	<u>19</u>	<u>14</u>	<u>44</u>
	June 2025	<u>18</u>	<u>16</u>	<u>48</u>
RW-3	June 2025	<u>26</u>	<u>13</u>	<u>50</u>
RW-4	June 2025	<u>16</u>	<u>12</u>	<u>40</u>
RW-5	June 2025	<u>10</u>	<u>15</u>	<u>40</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 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 June 3, 2025. It should be noted that wells BP-6A, BP-8A, BP-8B, BP-8C, BP-9C, BP-11, 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 60.57 feet (vertical datum NAVD88) as measured by Ramboll. Depths to groundwater (DTW) in June 2025 ranged from 19.41 feet (well ORW-7) to 102.08 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 May 20 and June 10, 2025. A portion of the passive diffusion bag (PDB) wells were sampled on May 20 and 21, 2025 to accommodate low-flow sampling conducted by the Town of Oyster Bay. The remaining samples were collected between June 3 and June 10, 2025. In total, Ramboll and GES sampled 53 of the 55 CPC monitoring network wells. No sample was collected at MW-6A due to insufficient water. Additionally, upon retrieval of the PDB deployed in MW-7BR, the PDB was damaged and, as a result, a sample was unable to be collected.

Forty-seven groundwater samples were collected using 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 59 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

Second 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 the field duplicates) 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
BP-3B	6.4	1.1	7.8	< 2 U	< 1 U	2.2	< 1 U
BP-3C	6.5	< 1 U	2.7	< 2 U	< 1 U	< 1 U	< 1 U
EW-11D	55 D	140 D	5.3 D	< 4 U	< 2 U	3.3 D	< 2 U
EW-12D	32 D	320 D	5.4 D	< 8 U	< 4 U	< 4 U	< 4 U
EW-14D	< 1 U	21	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U
EW-4A	30	3.9	50	< 2 U	< 1 U	< 1 U	< 1 U
EW-4C	2.7	33	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U
EW-7C	16 D	210 D	2.7 D	< 4 U	< 2 U	< 2 U	< 2 U
MW-10D	12	88	9.2	< 2 U	< 1 U	< 1 U	< 1 U
MW-11A	8.9	7.9	81	< 2 U	< 1 U	11	< 1 U
MW-11B	3.8	5.2	33	3.1	1.6	16	1.8
MW-7B-R	1.3	35	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U
MW-8A	7.0	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U
MW-CPC-36	39	9.4	46	< 2 U	2.1	< 1 U	43
MW-CPC-41	6.5	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U
SW-1	470 D	33	28	< 2 U	< 1 U	< 1 U	< 1 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 second 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>6.8</u>	<u>150</u>	<u>150</u>
MW-CPC-37	<u>11</u>	<u>12</u>	<u>42</u>
MW-CPC-38	<u>0.73</u>	<1.6 U	<1.6 U
MW-CPC-40	<u>2.5</u>	<1.5 U	<1.5 U
MW-CPC-41	<u>2.4</u>	<u>19</u>	<u>27</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. However, PCE concentrations have 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 have generally increased from the third quarter of 2023 through the second quarter of 2025. While remaining an order of magnitude lower than PCE, TCE has consistently mirrored these quarterly PCE variations (**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

Well	Screen Depth⁽¹⁾	Location	PCE Trend	TCE Trend	Figure
EW-14D	185-195	Southeast of CPC	Decreasing	Decreasing	Figure 21
BP-3A	54-74	South-southeast of CPC	Decreasing	Decreasing	Figure 22
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 second 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 increased from the third quarter of 2022 through the second quarter of 2025 (see **Figure 31**). A total of 21.70 kilograms (47.84 pounds) of PCE, TCE, and 1,1-DCE combined were removed during the second 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 second 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. As noted in Section 4.2, due to damage to the PDB upon retrieval, a sample was unable to be collected during the second quarter 2025.
- 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 second 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. Exceedances of 1,4-dioxane, PFOS, and PFOA in influent and effluent samples, as well as samples collected at recovery wells RW-3, RW-4, and RW-5, were reported in the second quarter 2025. 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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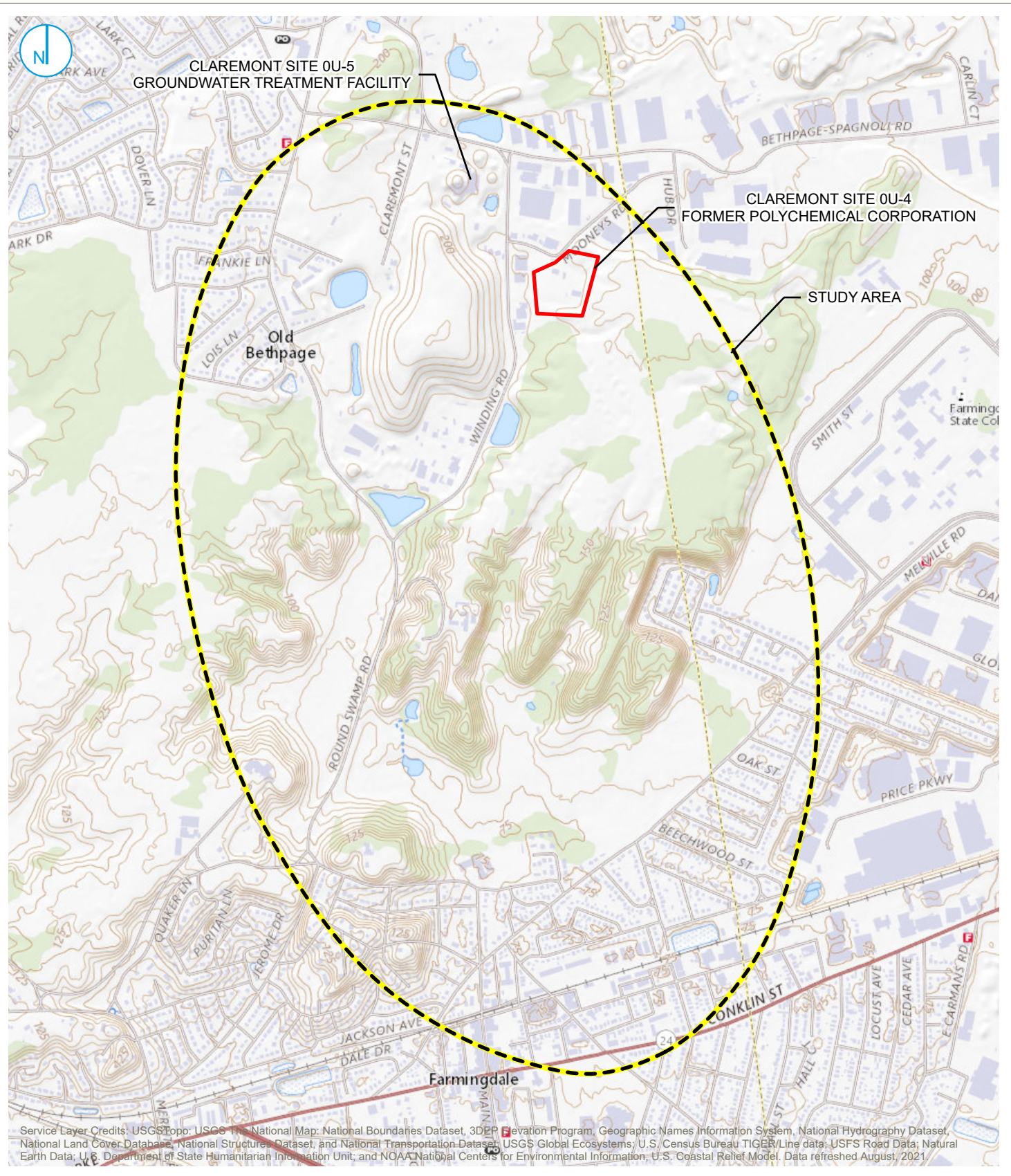
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FIGURES

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



KEY MAP (not to scale)



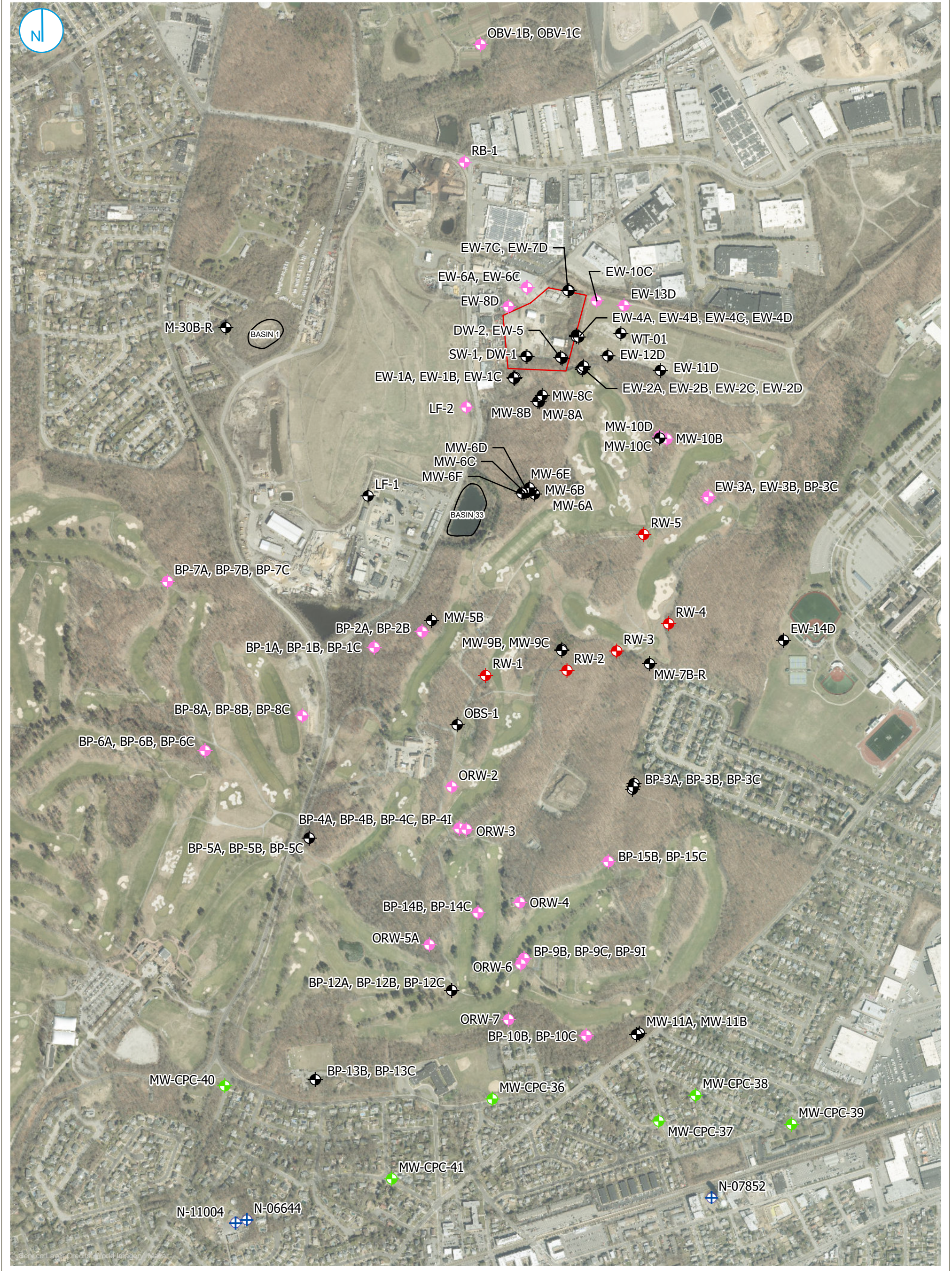
SITE LOCATION

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

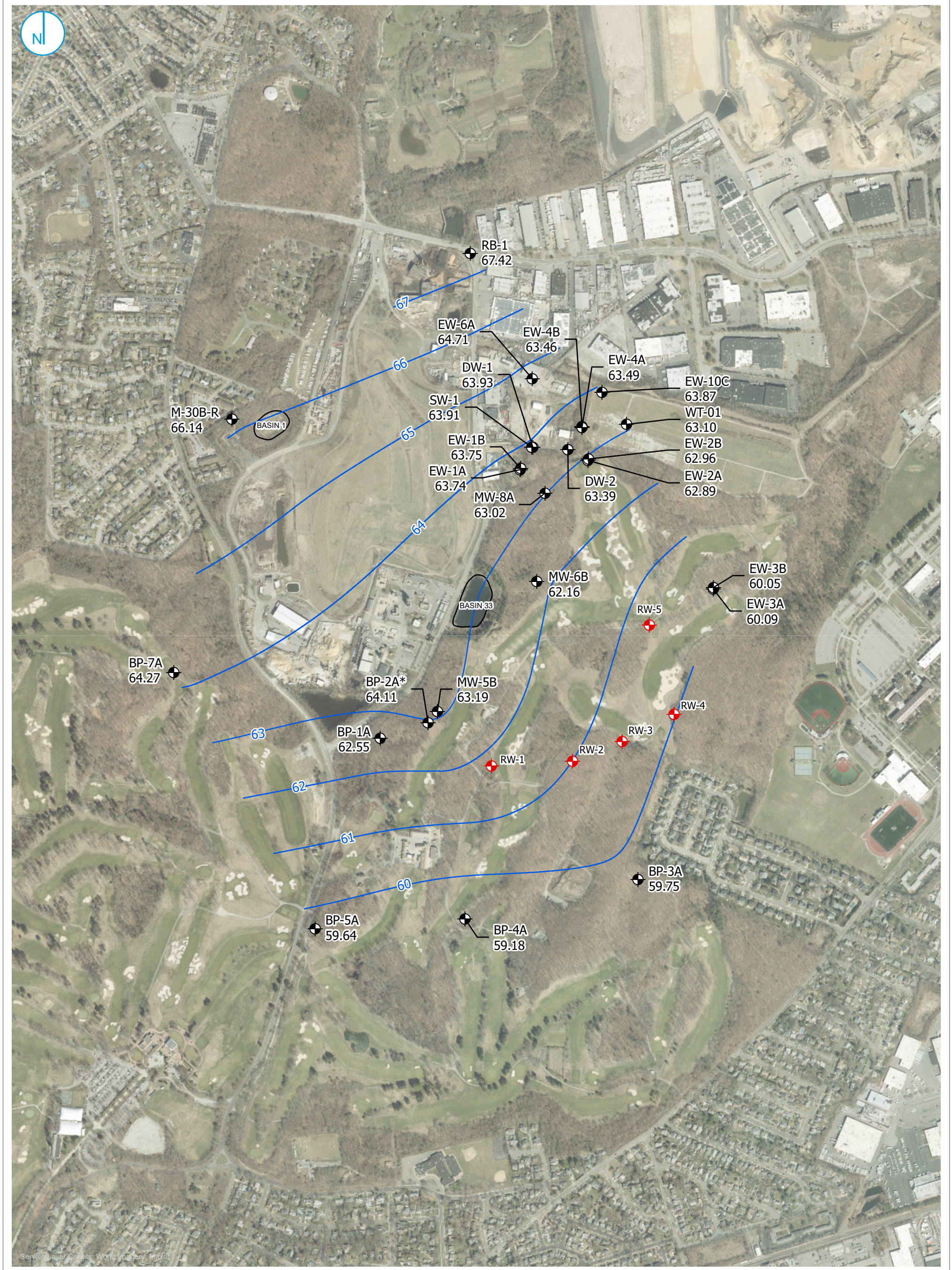
FIGURE 02

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

0 400 800
Feet

Notes
 - * - Well BP-2A was excluded from contour drawing.
 - All elevations recorded in feet in NAVD 88.

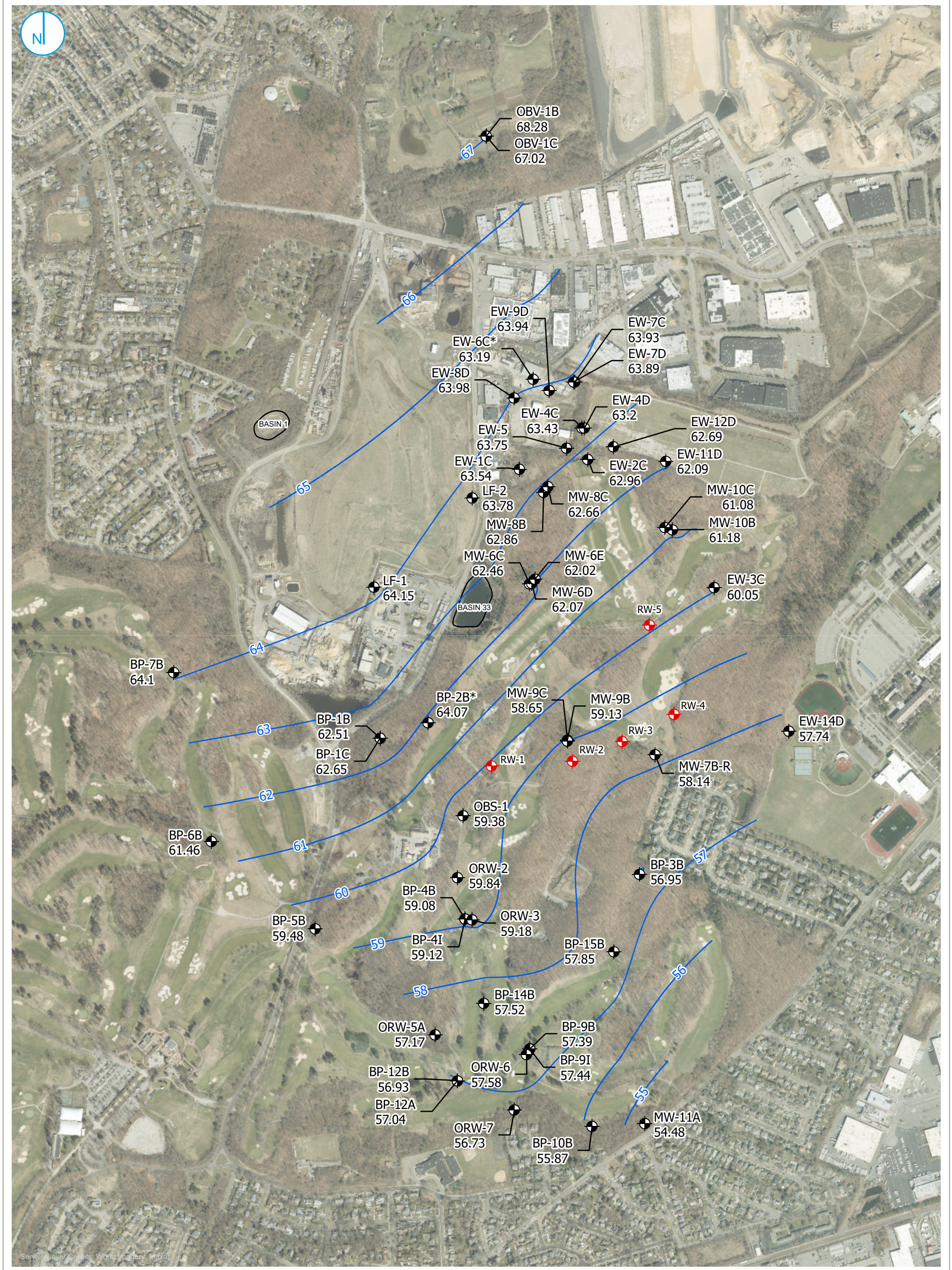
**JUNE 2025
 POTENTIOMETRIC CONTOURS
 UPPER MAGOTHY**





FIGURE 03

CLAREMONT POLYCHEMICAL CORPORATION
 505 WINDING ROAD
 OLD BETHPAGE, NEW YORK

RAMBOLL AMERICAS
 ENGINEERING SOLUTIONS, INC.
 A RAMBOLL COMPANY





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

Notes
 - * - Wells BP-2B and EW-6C were excluded from contour drawing.
 - All elevations recorded in feet in NAVD 88.



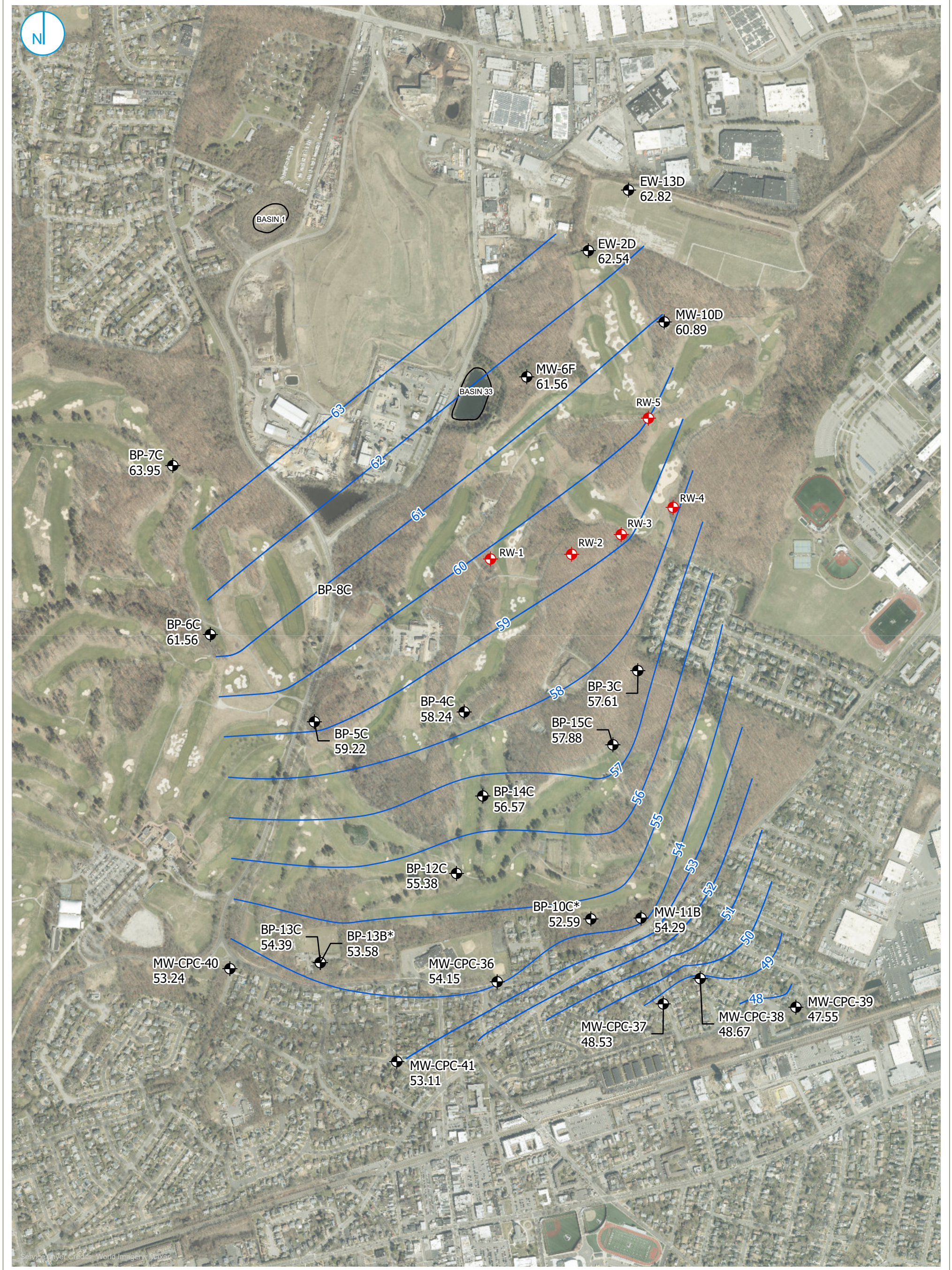
**JUNE 2025
 POTENTIOMETRIC CONTOURS
 MIDDLE MAGOTHY**





FIGURE 04

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-10C and BP-13B were excluded from contour drawing.
 - All elevations recorded in feet in NAVD 88.



**JUNE 2025
 POTENTIOMETRIC CONTOURS
 LOWER MAGOTHY**

FIGURE 05

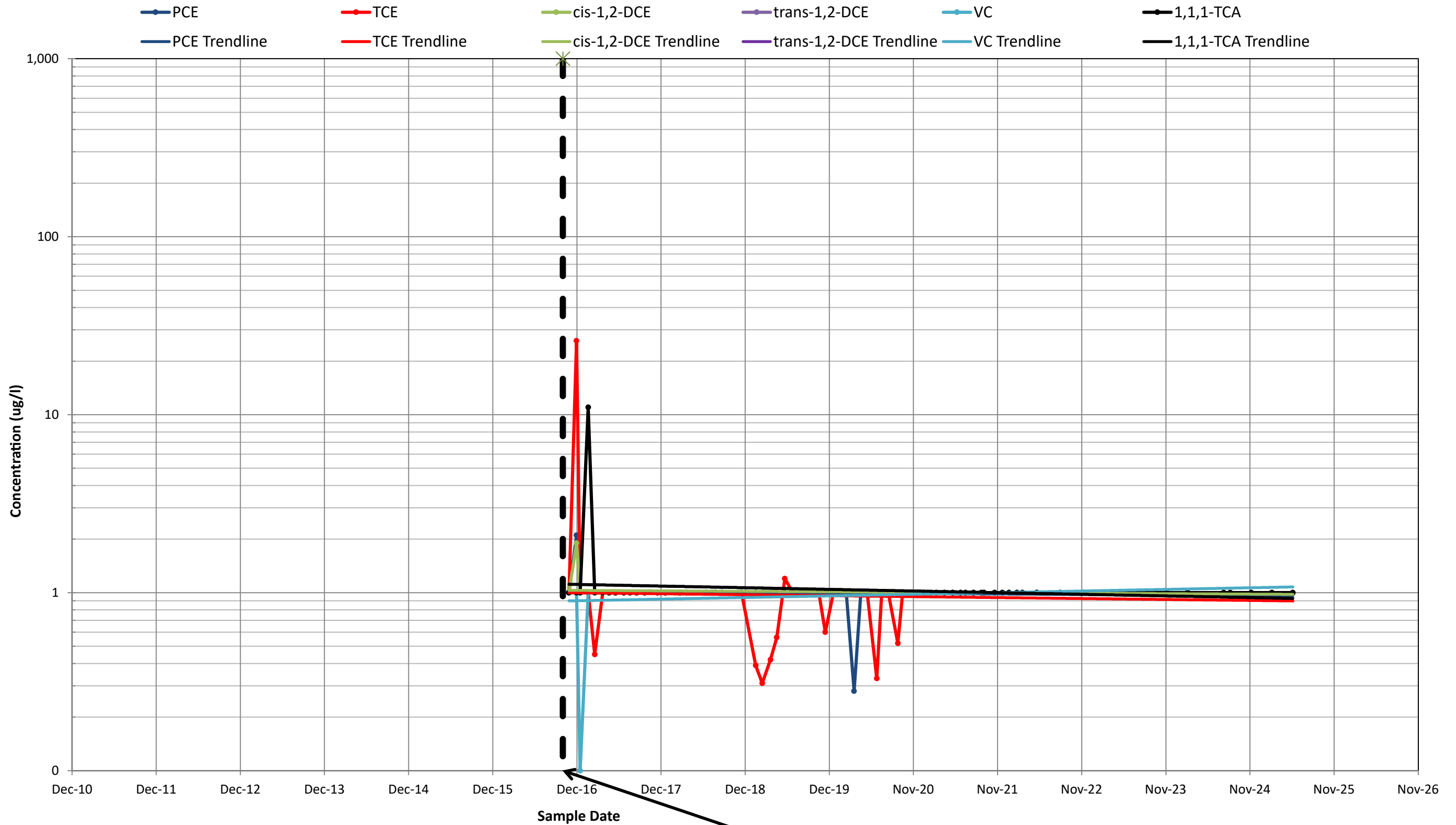
CLAREMONT POLYCHEMICAL CORPORATION
 505 WINDING ROAD
 OLD BETHPAGE, NEW YORK

RAMBOLL AMERICAS
 ENGINEERING SOLUTIONS, INC.
 A RAMBOLL COMPANY



K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_202025\Claremont_Polychemical_202025 aprx\Fig06-Chlorinated_VOC_Effluent

PROJECT: 1940101703 | DATED: 7/16/2025 | 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.

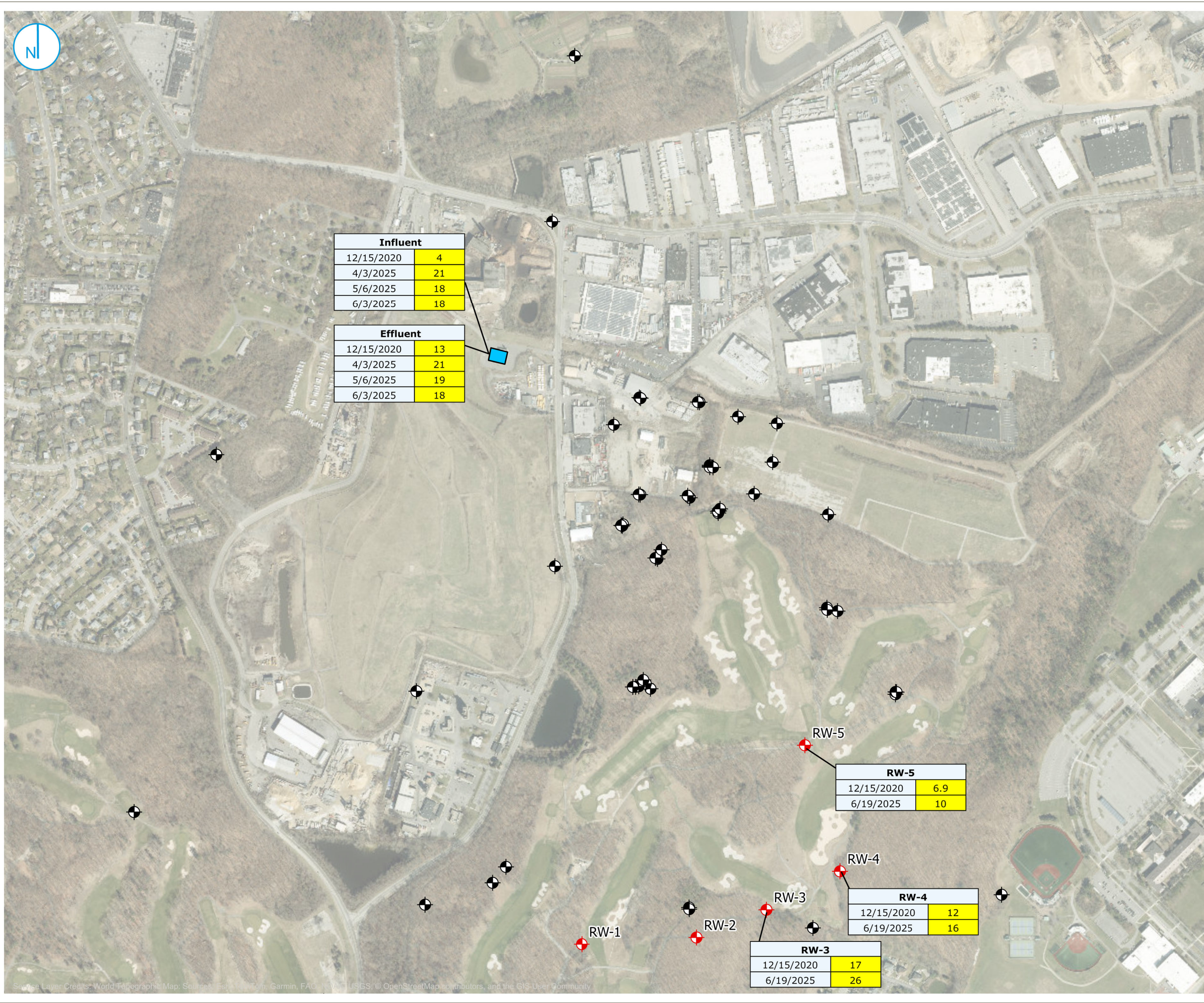
CHLORINATED VOC CONCENTRATIONS EFFLUENT

FIGURE 06

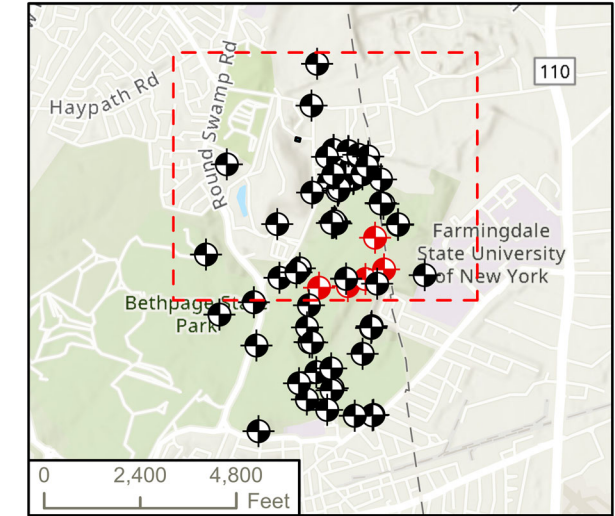
RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

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



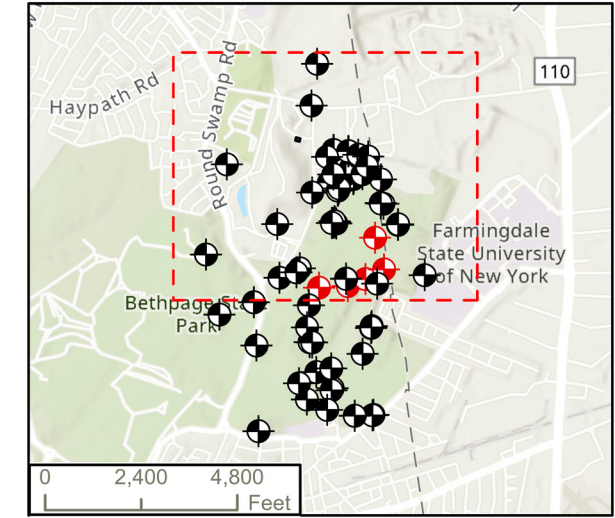
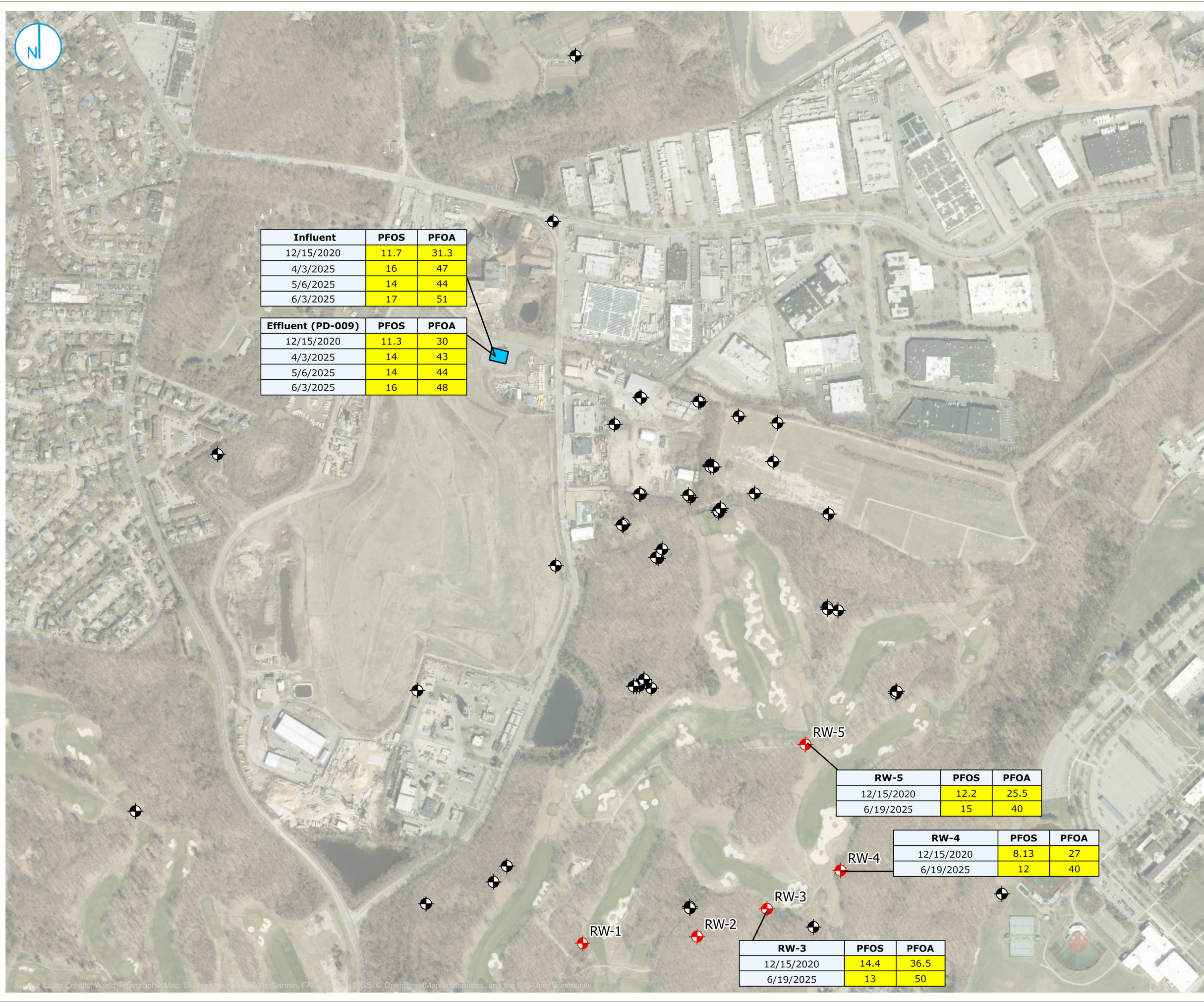
1,4-DIOXANE EXCEEDANCES IN PROCESS SAMPLES

CLAREMONT POLYCHEMICAL CORPORATION
 505 WINDING ROAD
 OLD BETHPAGE, NEW YORK

FIGURE 07

RAMBOLL AMERICAS
 ENGINEERING SOLUTIONS, INC.
 A RAMBOLL COMPANY





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

- Process Sample 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 in any sample.
 - 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.
 - Final, validated data presented on figure.
 - X / X - Indicates primary / duplicate results.
 - All results presented in ng/L.

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



PFAS EXCEEDANCES

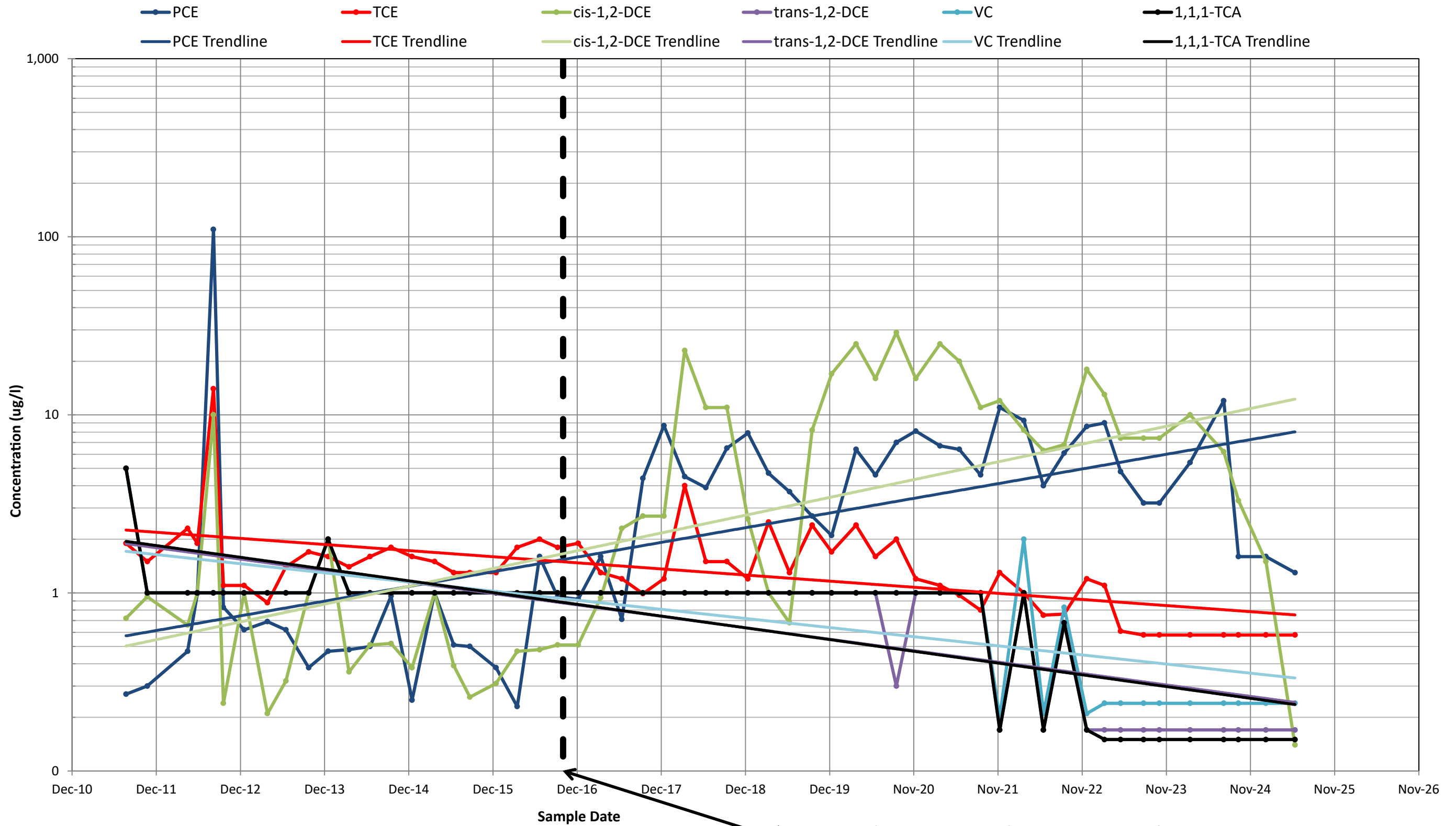
CLAREMONT POLYCHEMICAL CORPORATION
 505 WINDING ROAD
 OLD BETHPAGE, NEW YORK

FIGURE 08

RAMBOLL AMERICAS
 ENGINEERING SOLUTIONS, INC.
 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.

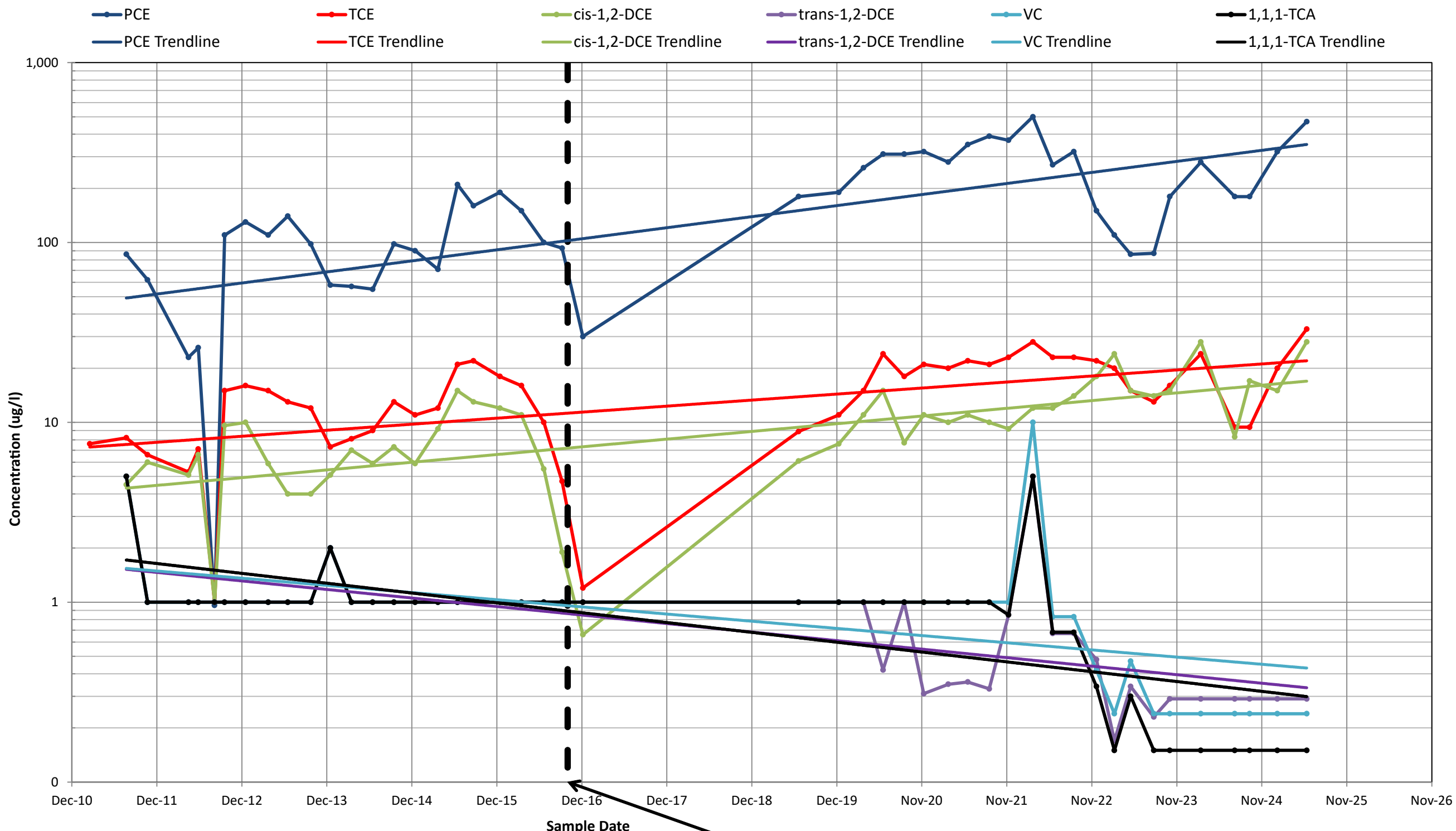
CHLORINATED VOC CONCENTRATIONS DW-1

FIGURE 09

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.

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.

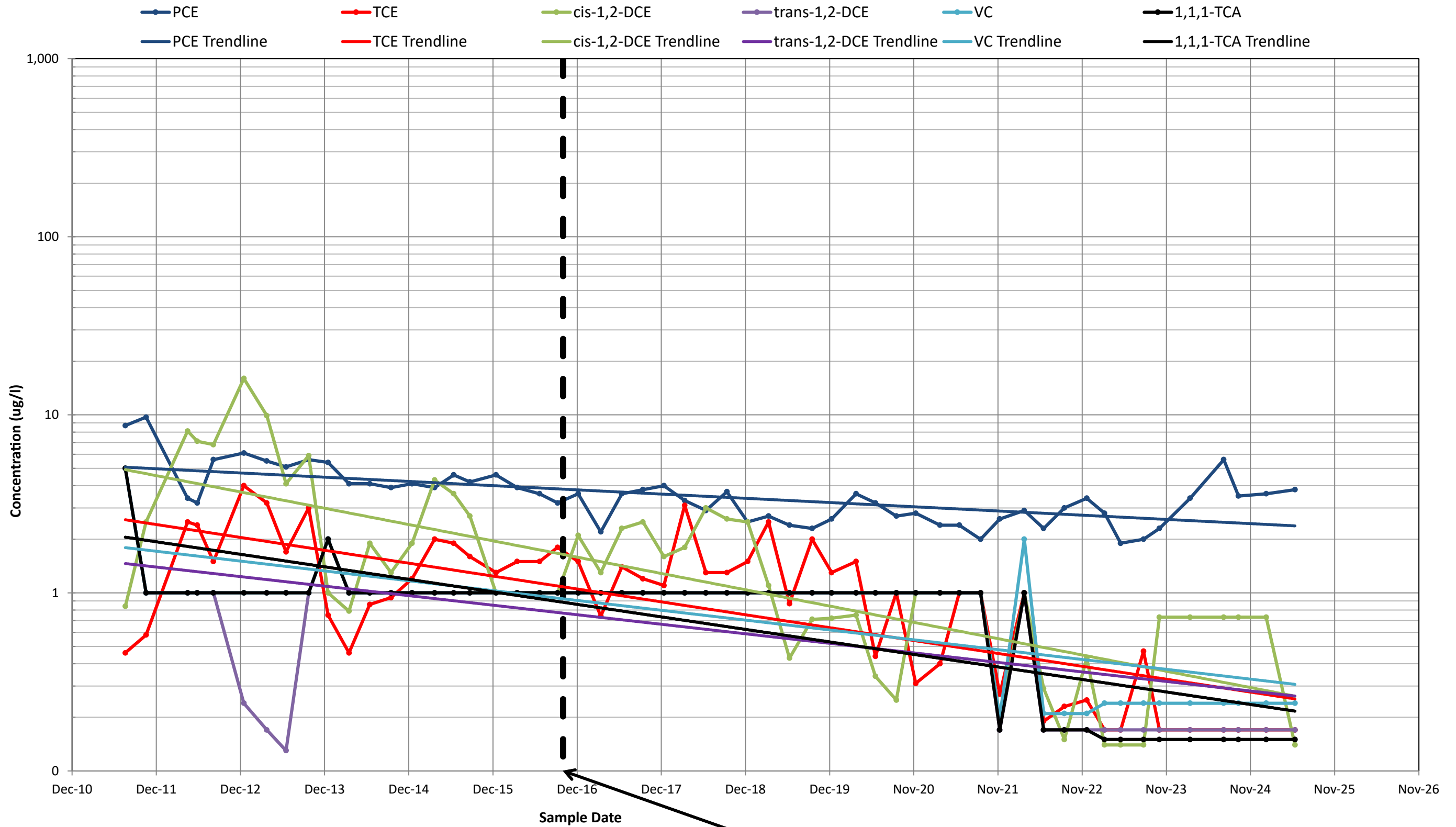
CHLORINATED VOC CONCENTRATIONS
 SW-1

FIGURE 10

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.

*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

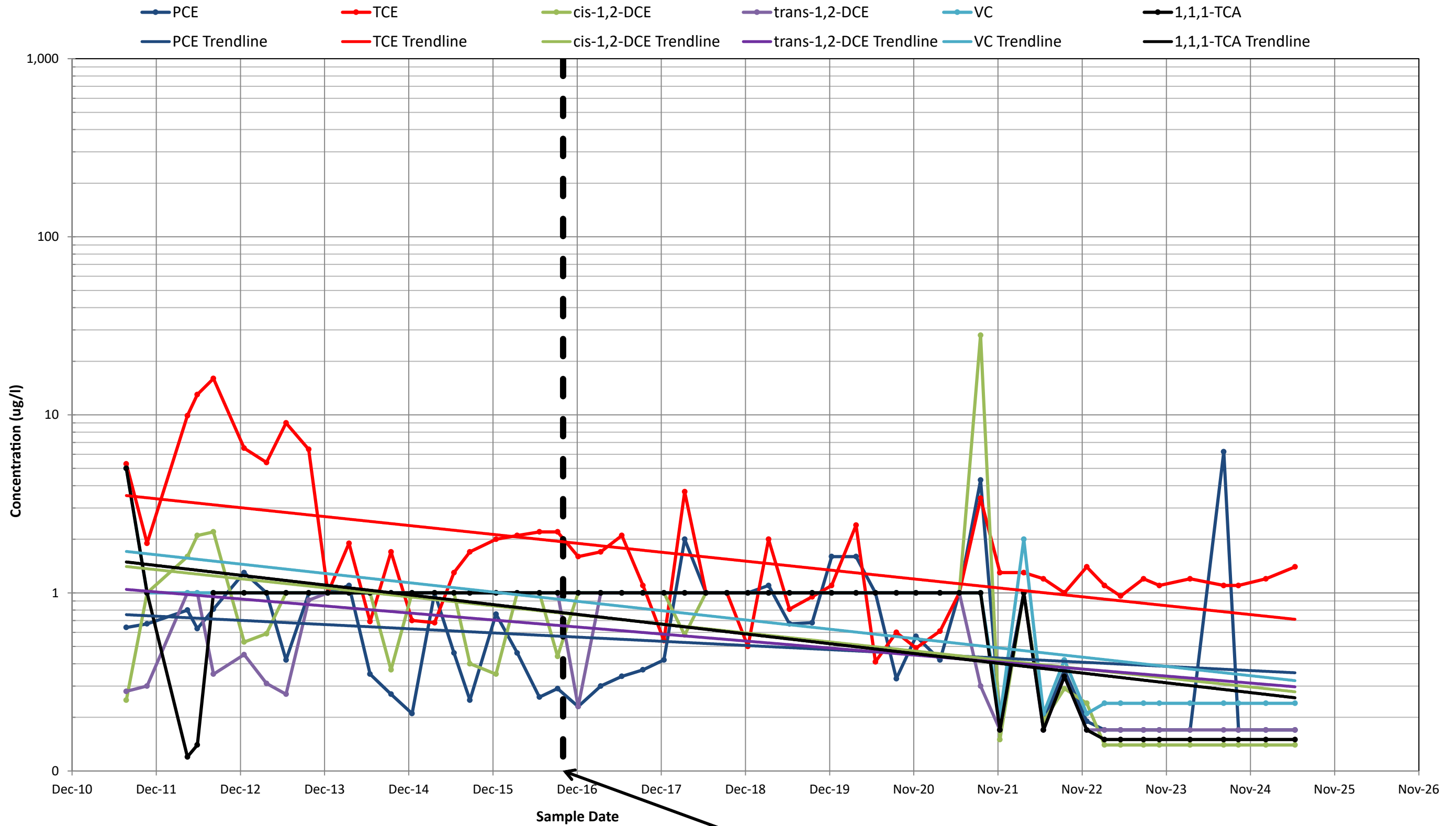
FIGURE 11

RAMBOLL AMERICAS
 ENGINEERING SOLUTIONS, INC.
 A RAMBOLL COMPANY

CLAREMONT POLYCHEMICAL CORPORATION
 505 WINDING ROAD
 OLD BETHPAGE, NEW YORK



PROJECT: 1940101703 | DATED: 7/16/2025 | DESIGNER: SSOULE
K:\NYS-DEC-1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_202025.aprx\Fig12-Chlorinated_VOC_EW-5



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

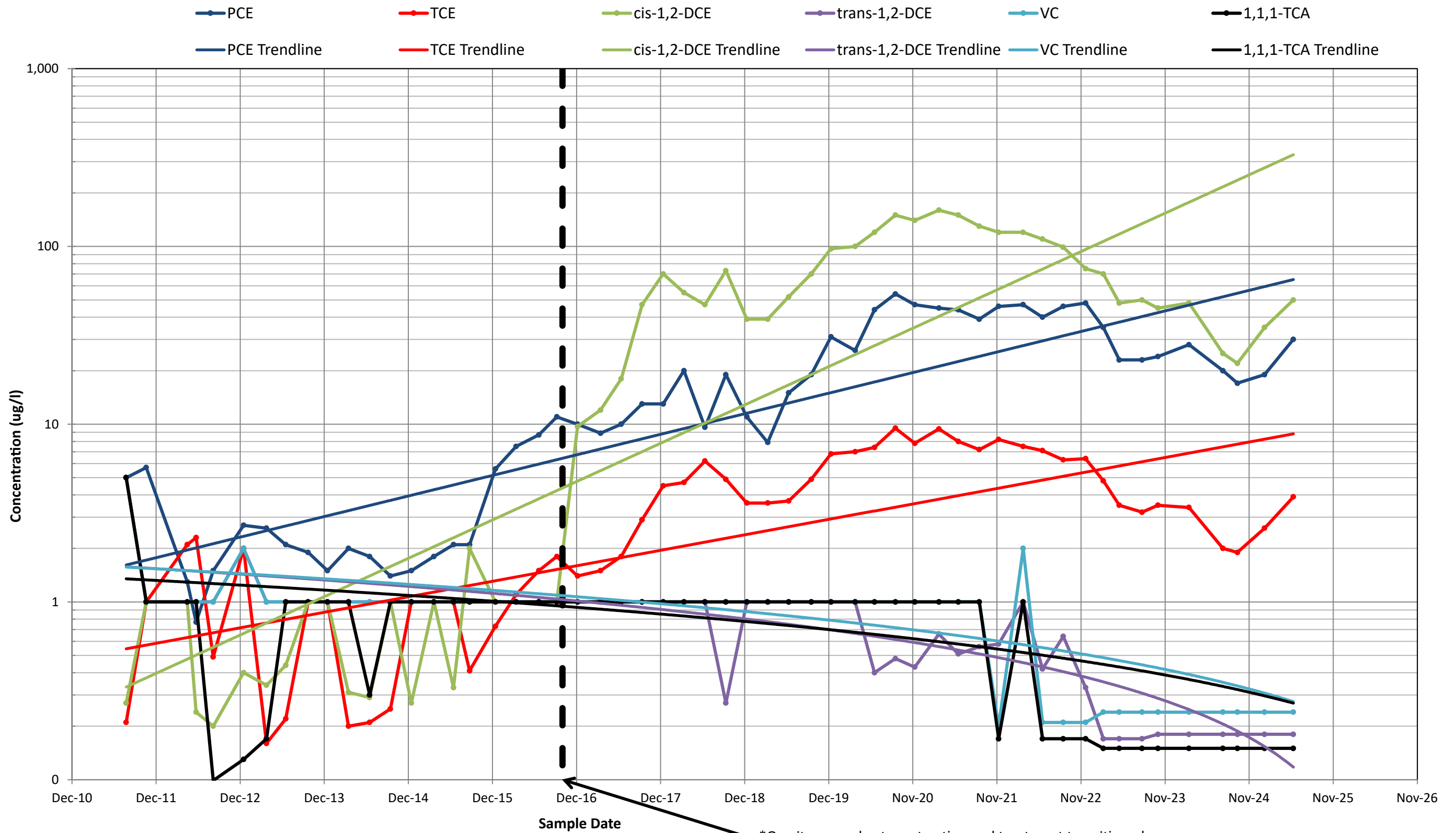
FIGURE 12

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK



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K:\NYS-DEC-1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_202025\Claremont_Polychemical_202025.aprx\Fig13-Chlorinated_VOC_EW-4A



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.

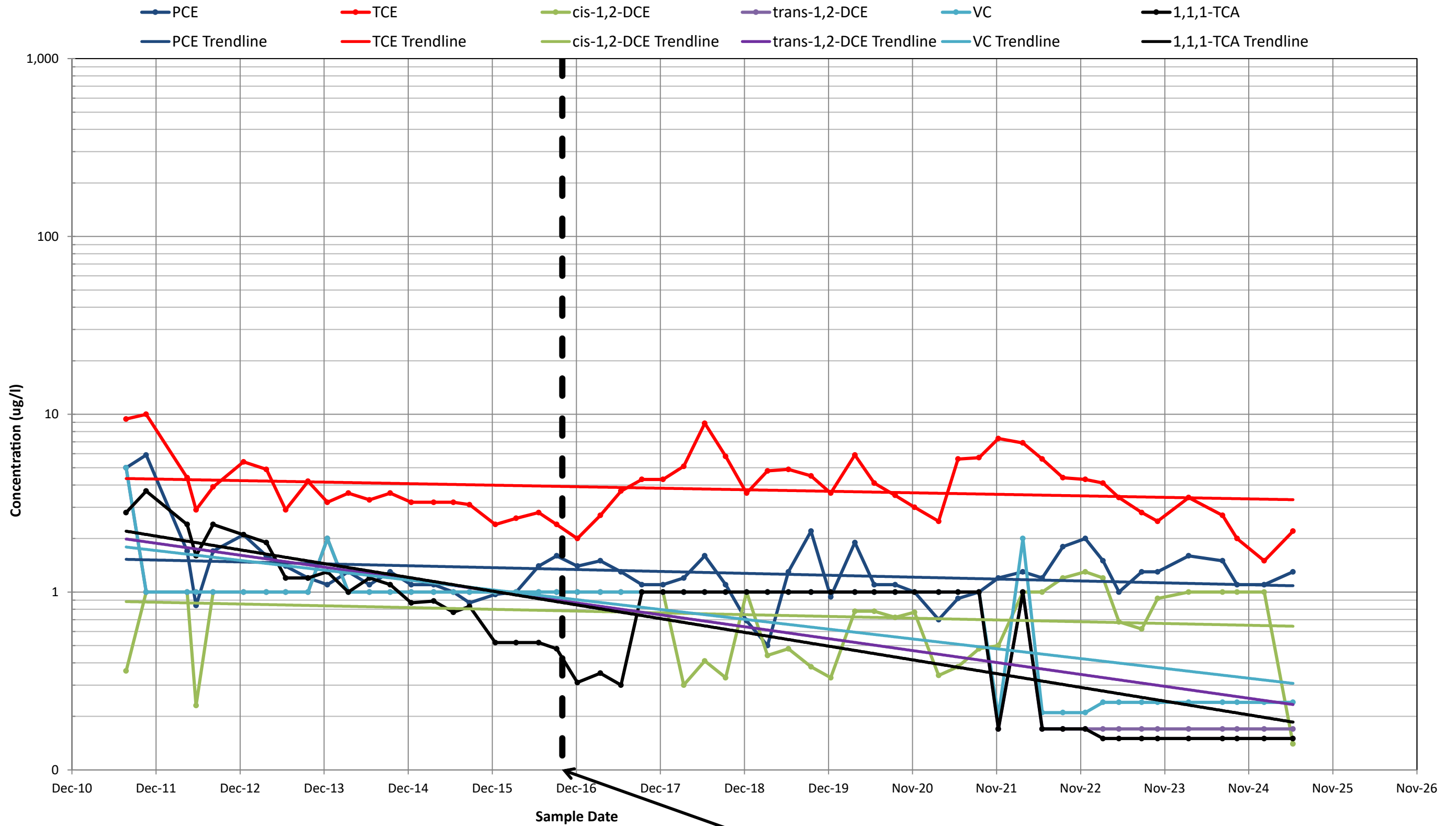
CHLORINATED VOC CONCENTRATIONS EW-4A

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

FIGURE 13

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
EW-4B

FIGURE 14

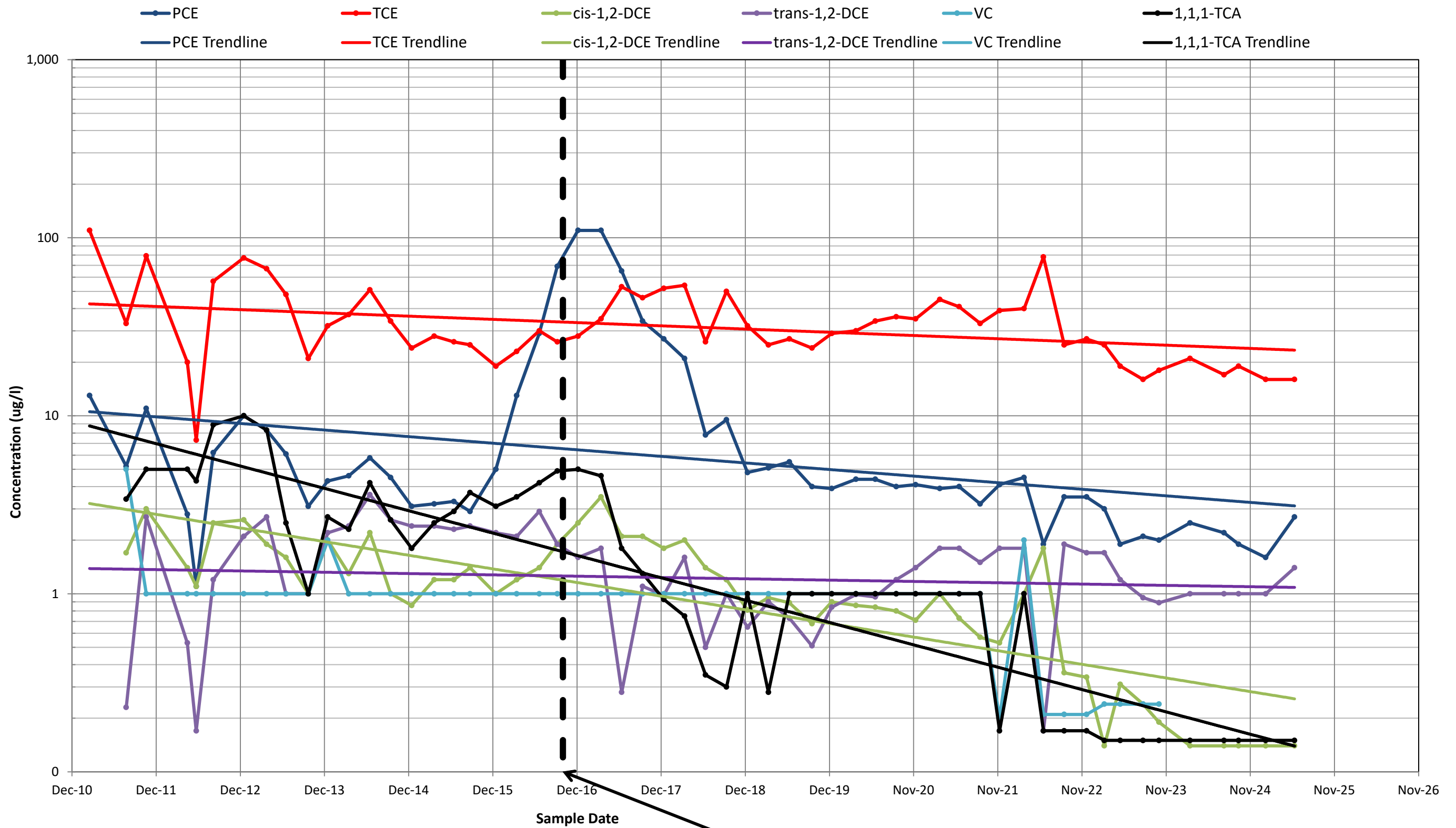
RAMBOLL AMERICAS
 ENGINEERING SOLUTIONS, INC.
 A RAMBOLL COMPANY

CLAREMONT POLYCHEMICAL CORPORATION
 505 WINDING ROAD
 OLD BETHPAGE, NEW YORK



K:\NYS-DEC-1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_202025\Claremont_Polychemical_202025.aprx\Fig15-Chlorinated_VOC_EW-4C

PROJECT: 1940101703 | DATED: 7/16/2025 | 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.

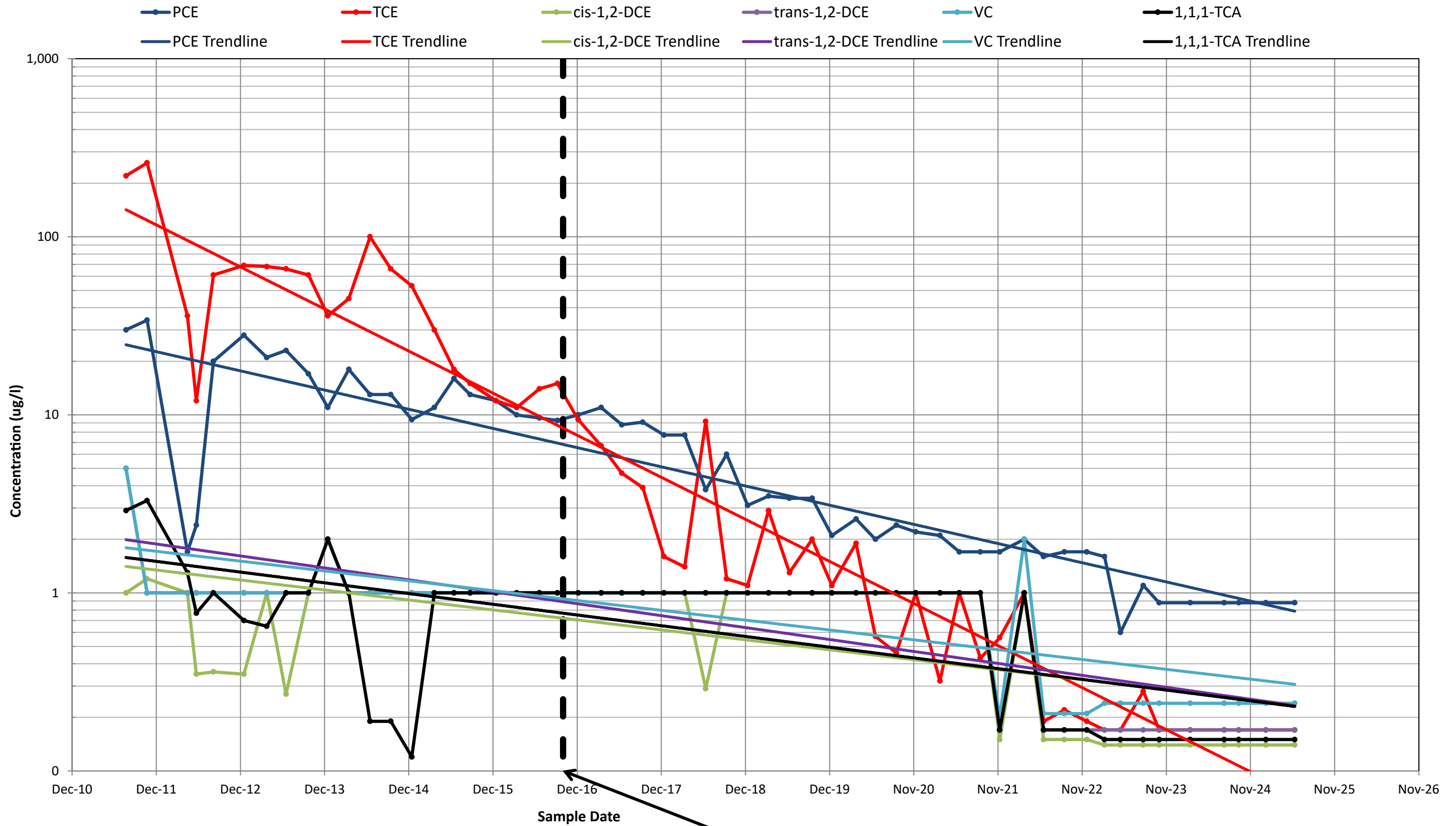
CHLORINATED VOC CONCENTRATIONS EW-4C

FIGURE 15

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK





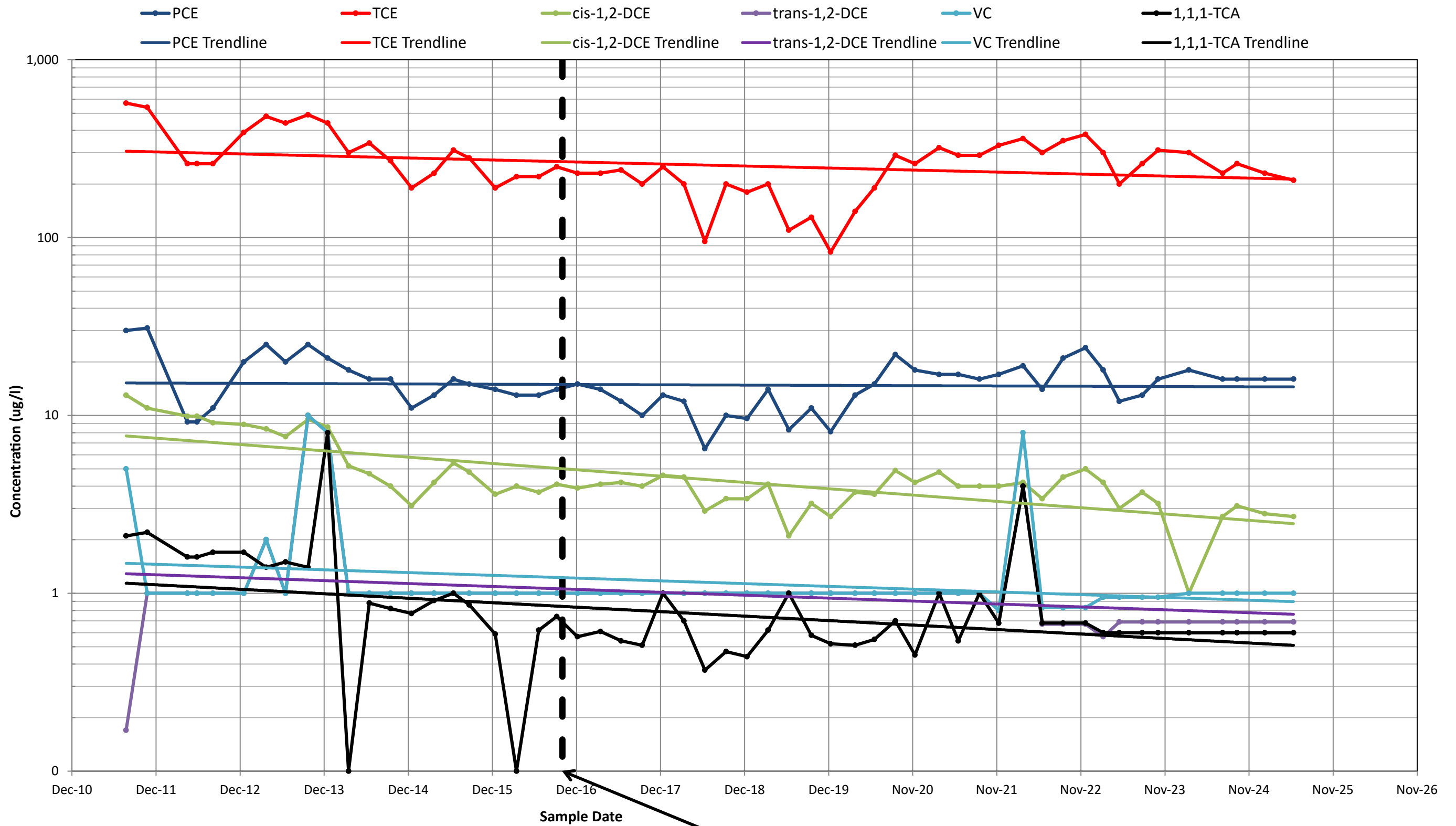
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 Detection limits used to display non-detect results. How some reporting limits were generated is unknown.

*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

K:\NYS-DEC-1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_202025.aprx\Fig17-Chlorinated_VOC_EW-7C
PROJECT: 1940101703 | DATED: 7/16/2025 | 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

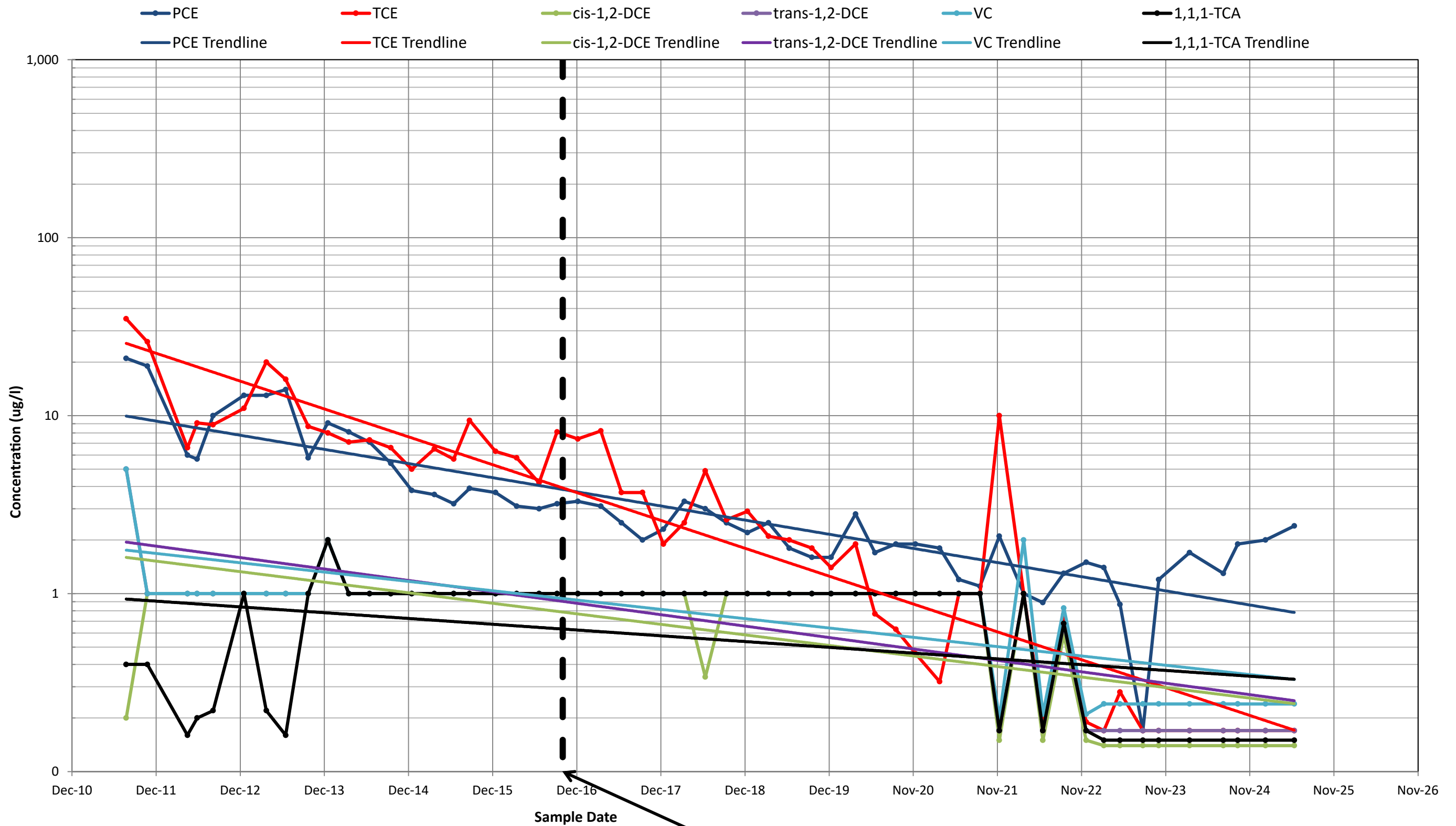
CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

FIGURE 17

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY



K:\NYS-DEC-1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_202025.aprx\Fig18-Chlorinated_VOC_EW-7D
PROJECT: 1940101703 | DATED: 7/16/2025 | 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.

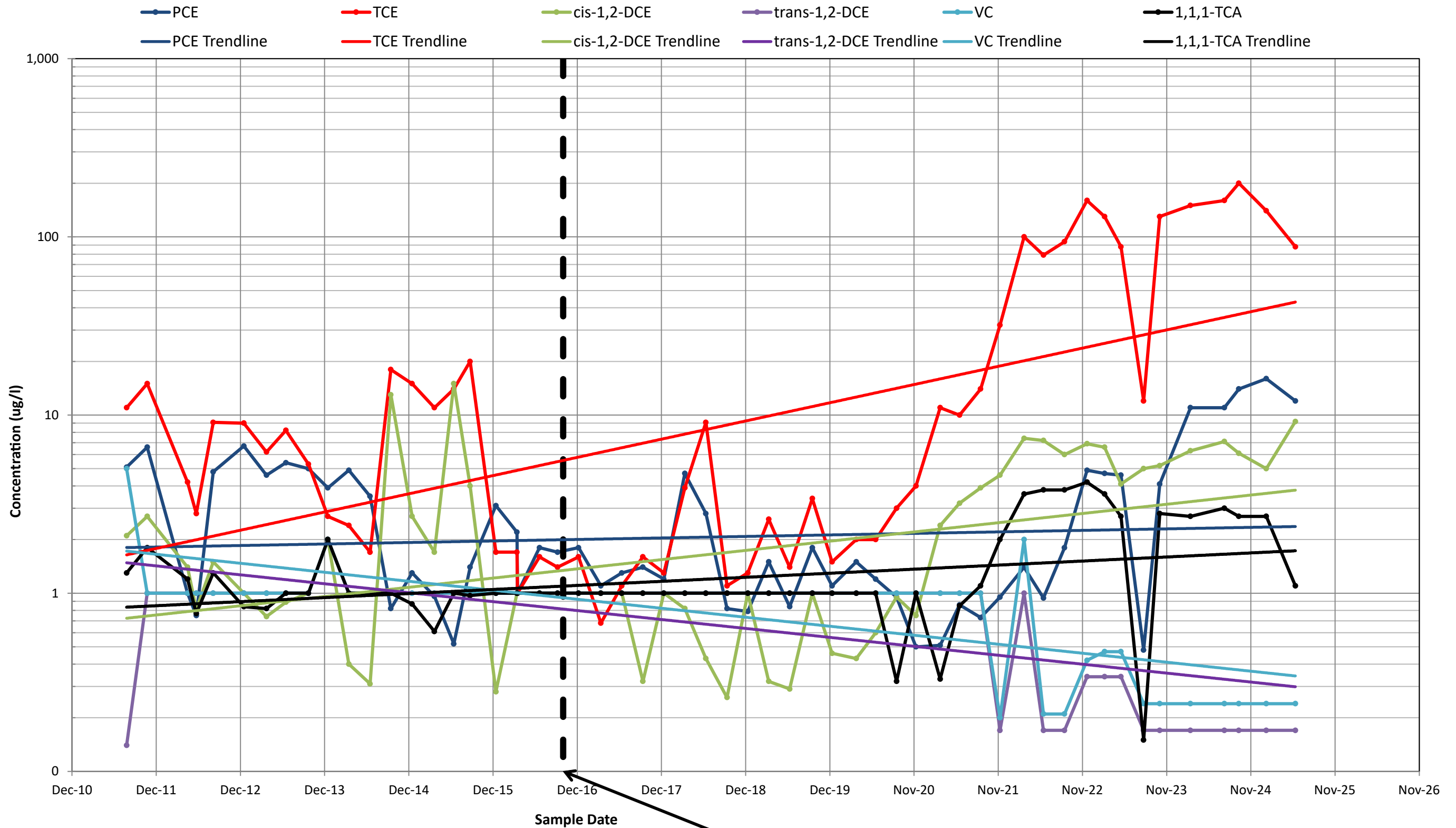
CHLORINATED VOC CONCENTRATIONS EW-7D

FIGURE 18

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK





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.

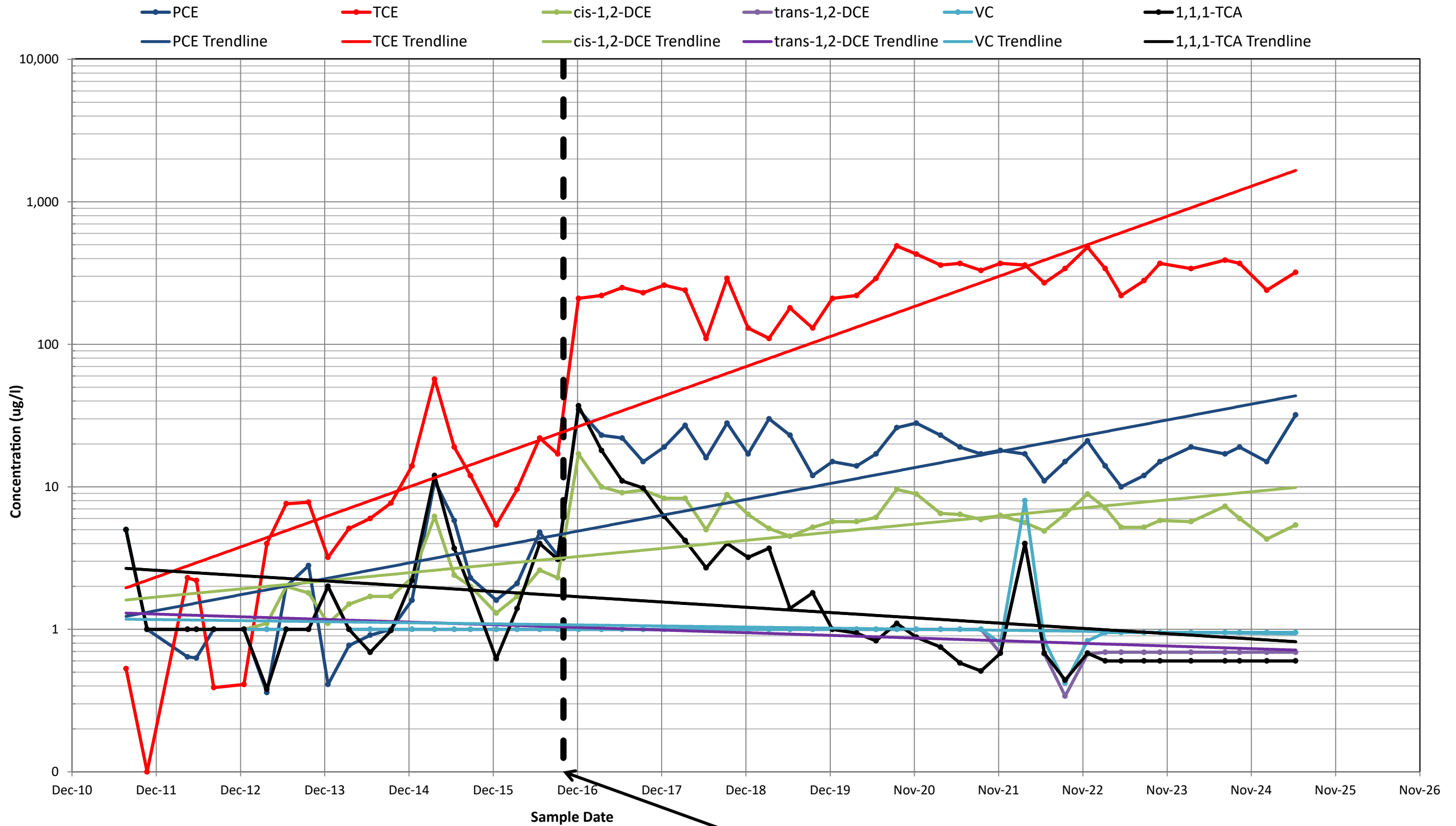
CHLORINATED VOC CONCENTRATIONS MW-10D

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

FIGURE 19

RAMBOLL AMERICAS
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.

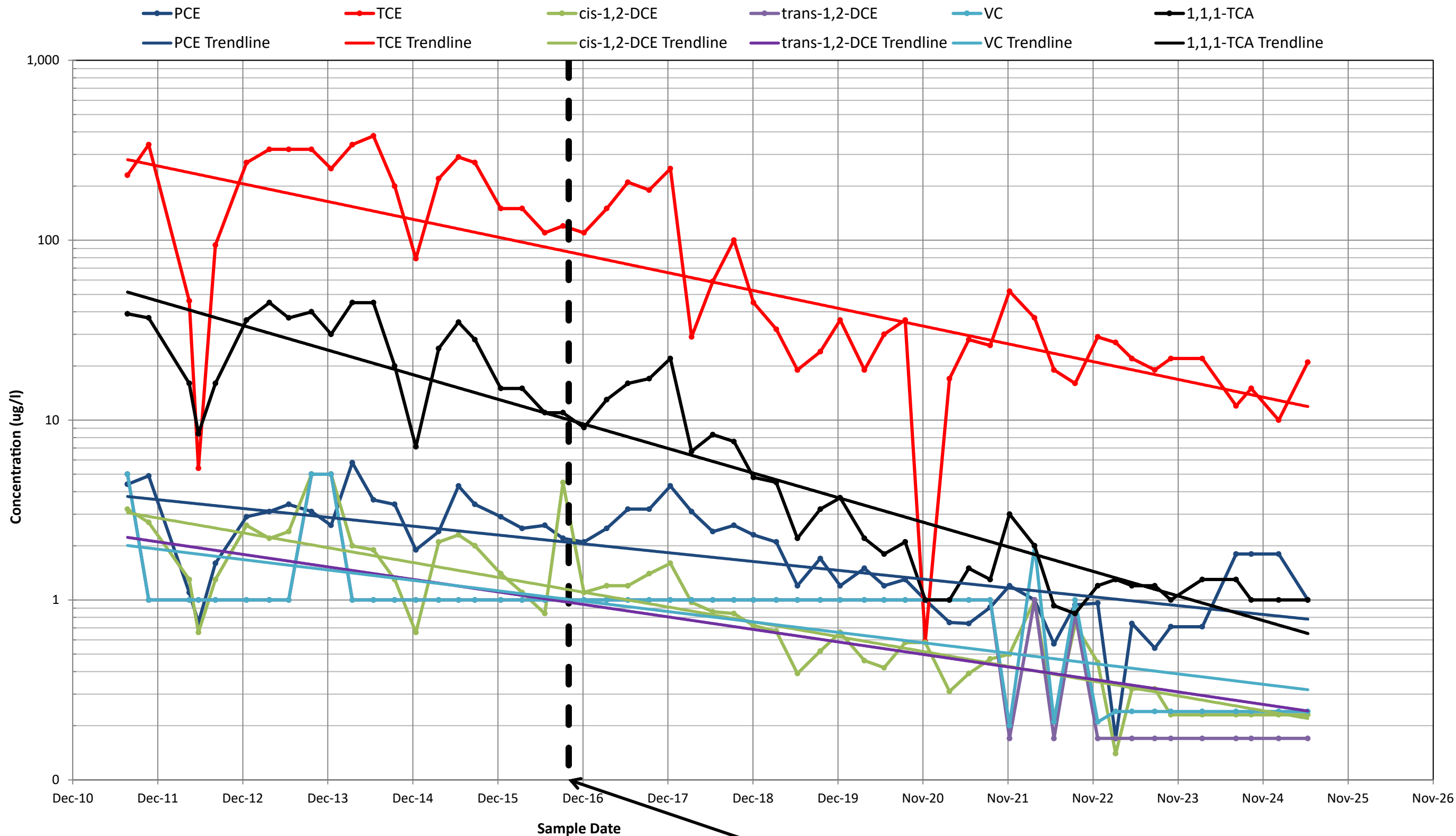
CHLORINATED VOC CONCENTRATIONS EW-12D

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

FIGURE 20

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.

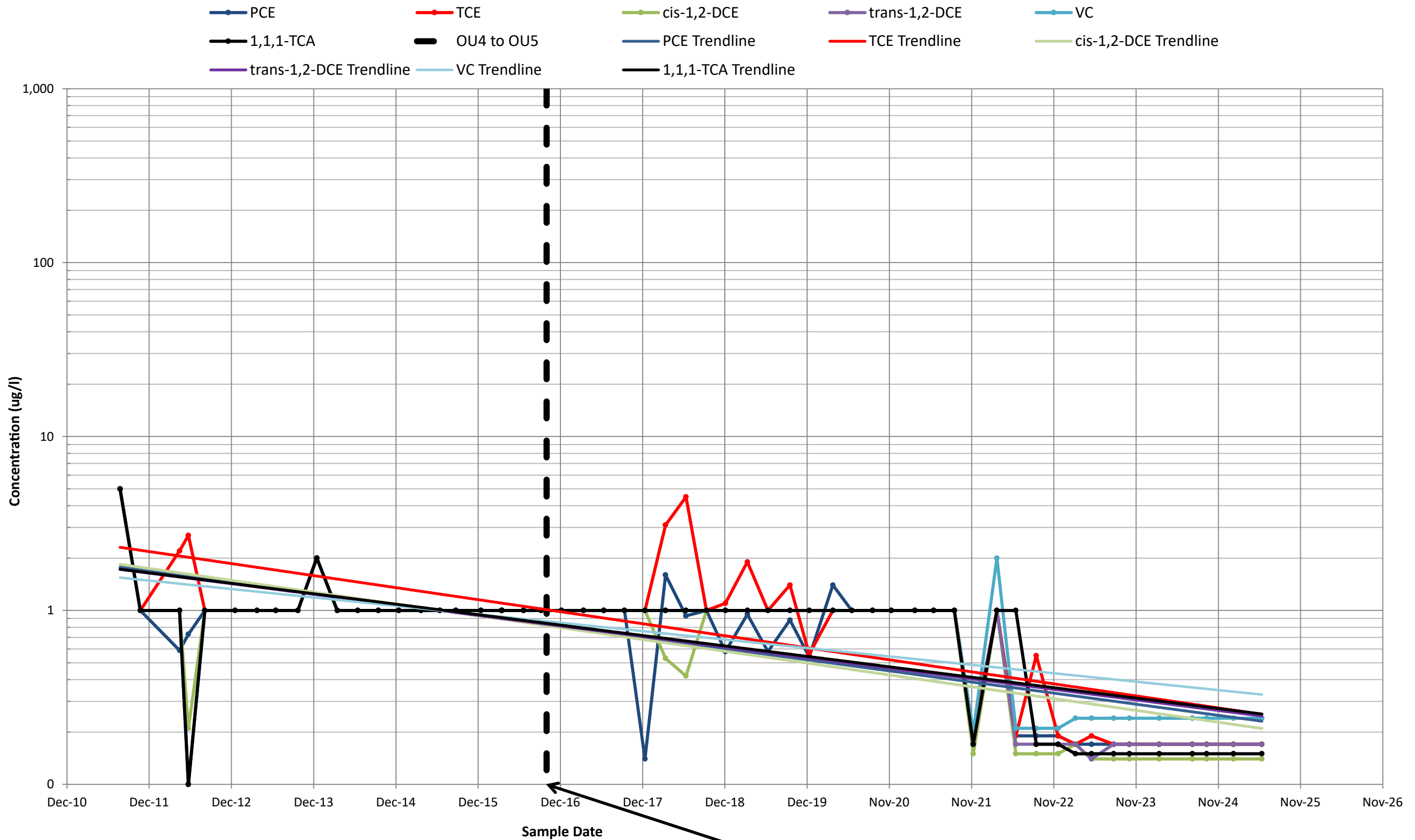
CHLORINATED VOC CONCENTRATIONS
 EW-14D

FIGURE 21

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 BP-3A

FIGURE 22

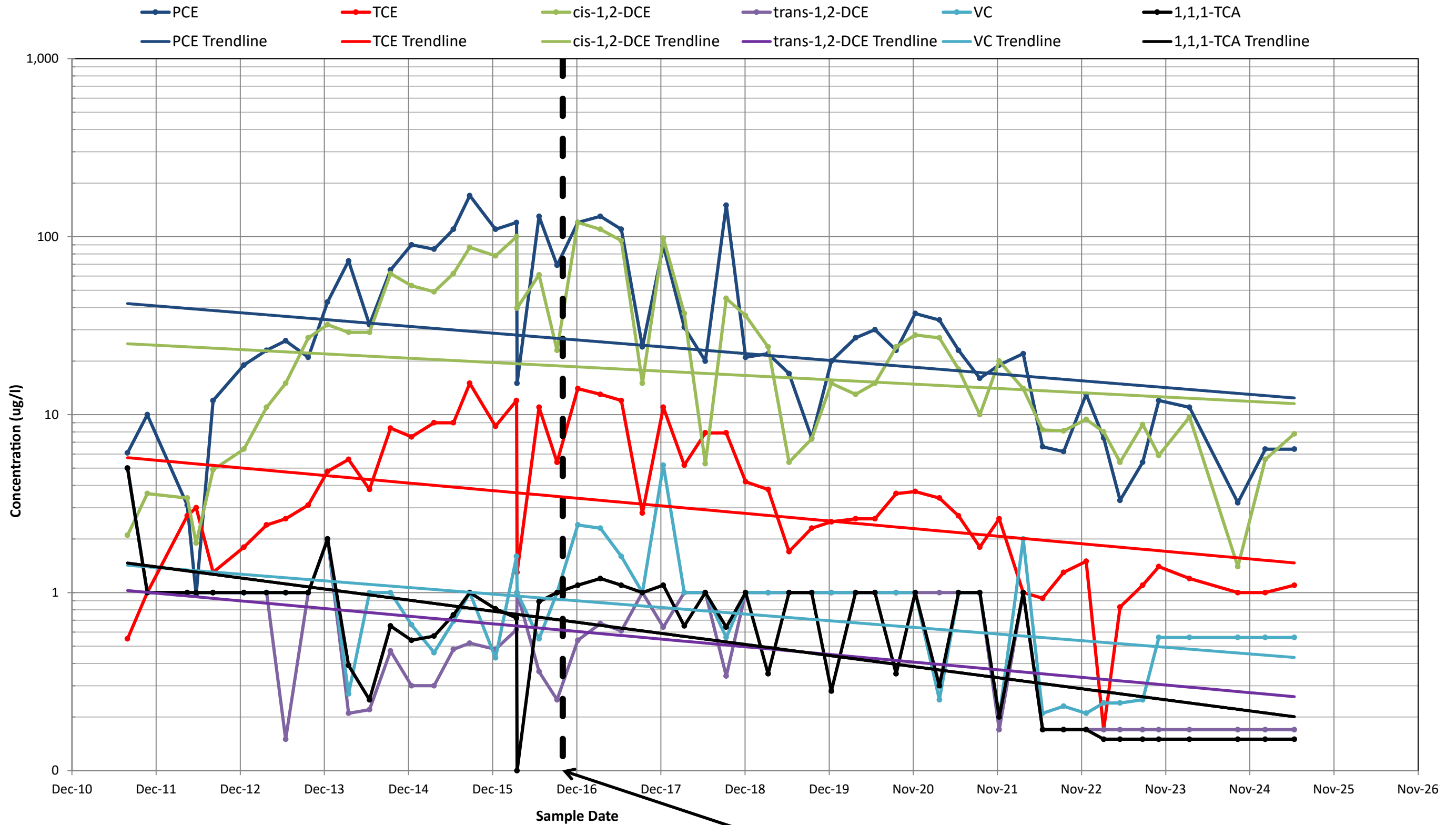
RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK



K:\NYS-DEC-1087815\Standards\GIS\Claremont\ProClaremont_Polychemical_202025\Claremont_Polychemical_202025.aprx\Fig23-Chlorinated_VOC_BP-3B

PROJECT: 1940101703 | DATED: 7/16/2025 | 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 BP-3B

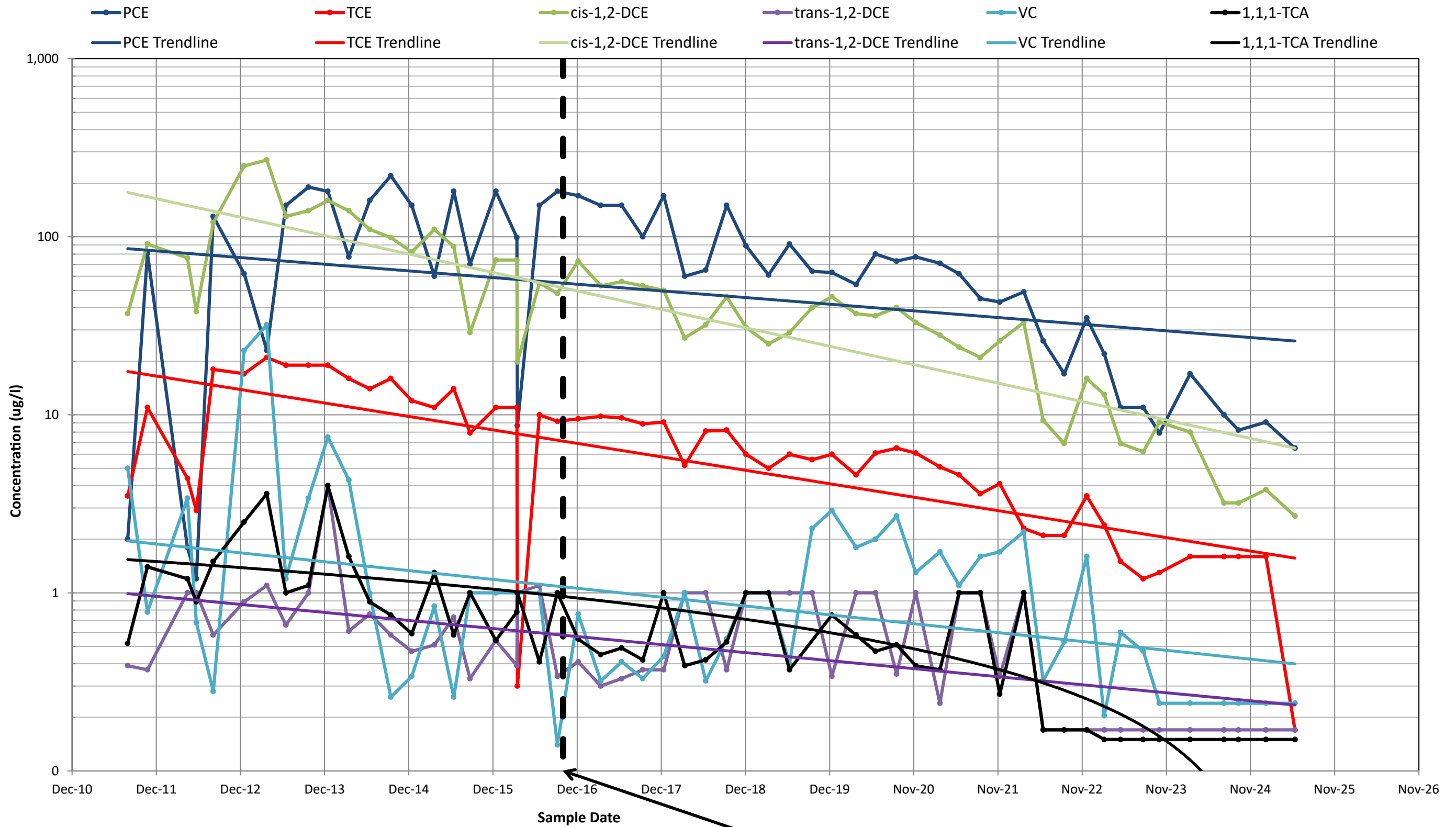
CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

FIGURE 23

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY



PROJECT: 1690001940101703 | DATED: 7/16/2025 | DESIGNER: SSOJLE
K:\NYS-DEC-1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_2025.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

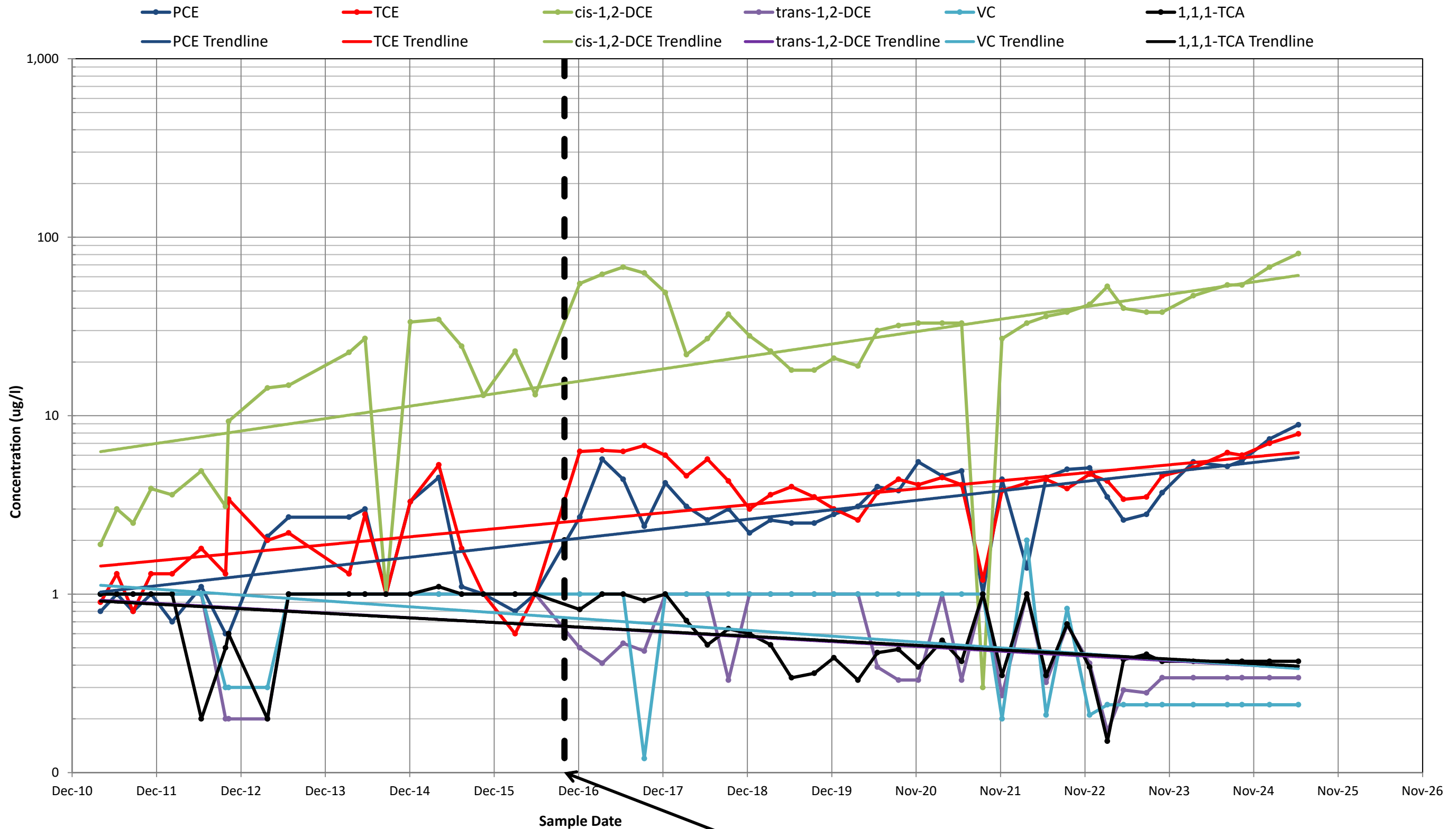
FIGURE 24

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_202025\Claremont_Polychemical_202025.aprx\Fig25-Chlorinated_VOC_MW-11A
PROJECT: 1940101703 | DATED: 7/16/2025 | 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

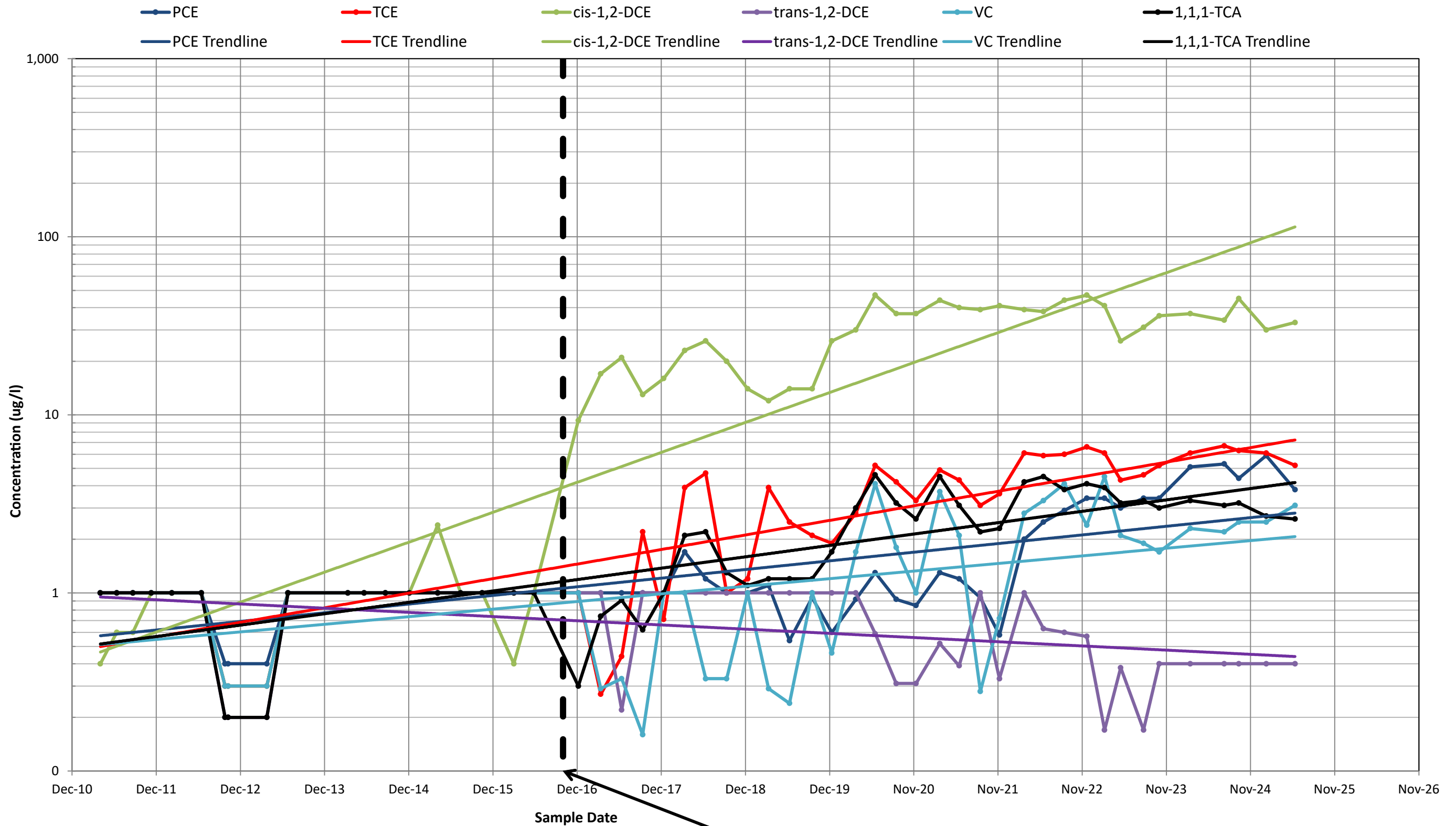
CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY



K:\NYS-DEC-1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_202025\Claremont_Polychemical_202025.aprx\Fig26-Chlorinated_VOC_MW-11B

PROJECT: 1940101703 | DATED: 7/16/2025 | 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.

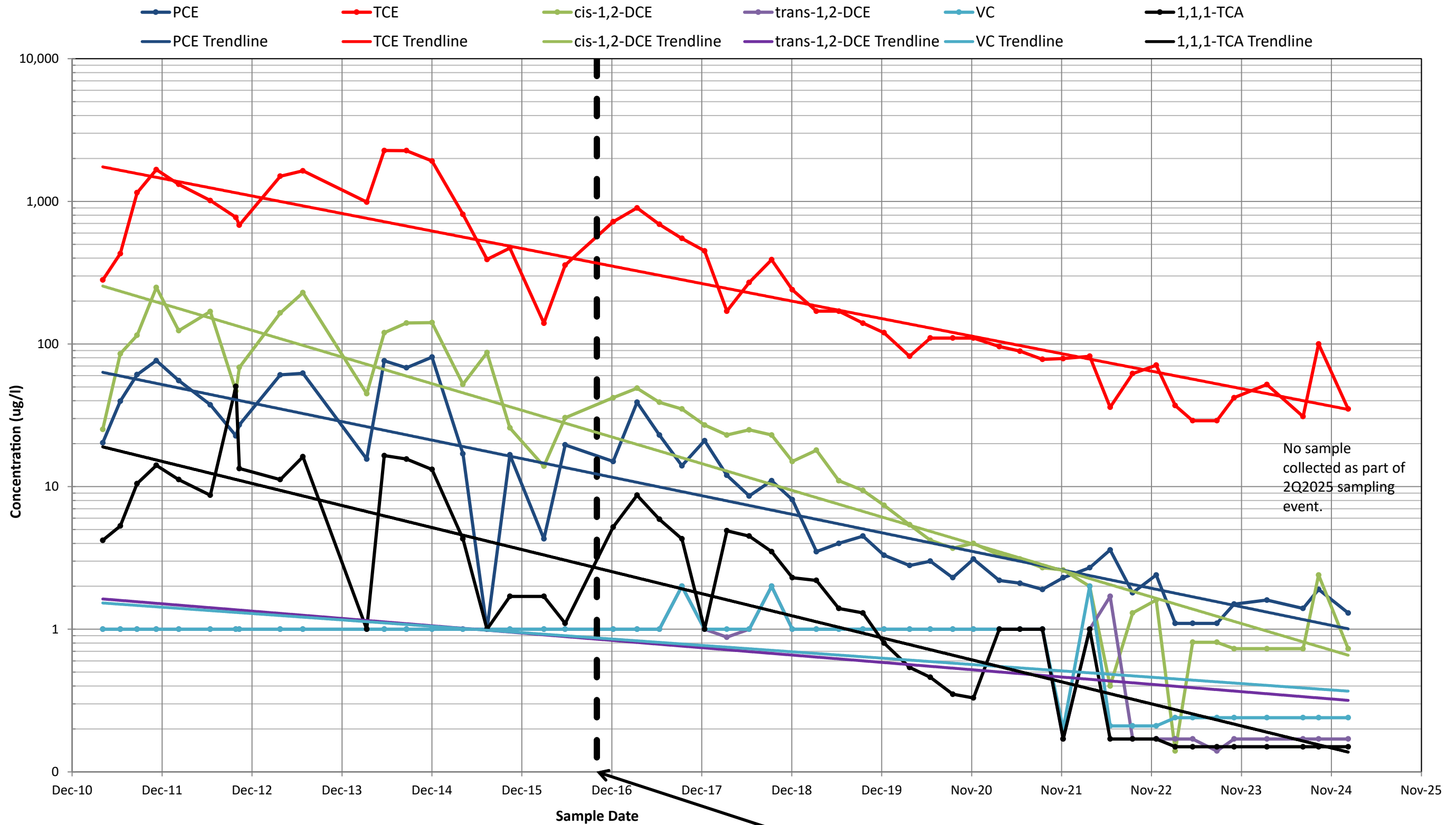
CHLORINATED VOC CONCENTRATIONS MW-11B

FIGURE 26

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
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CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
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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.

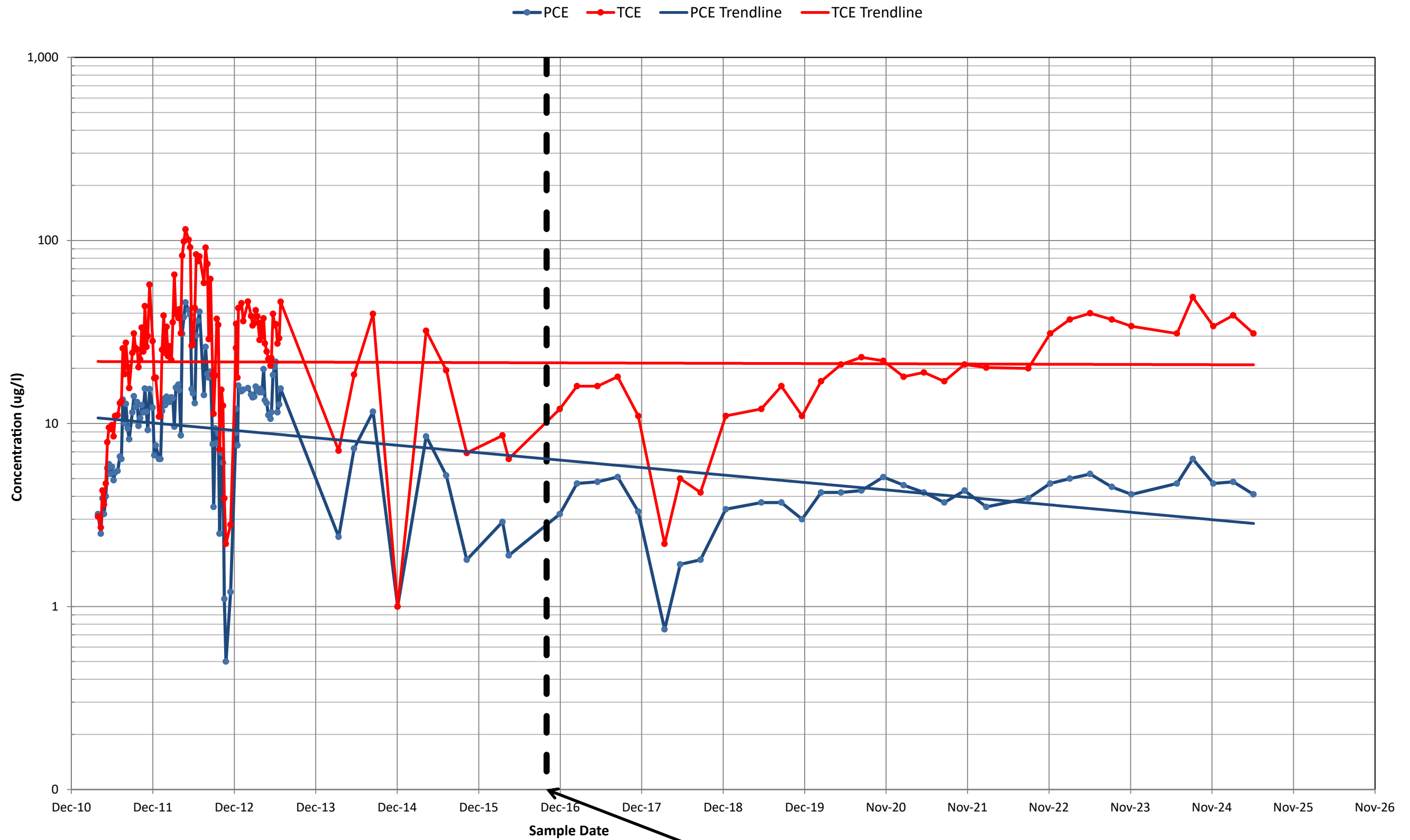
CHLORINATED VOC CONCENTRATIONS MW-7B-R

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.

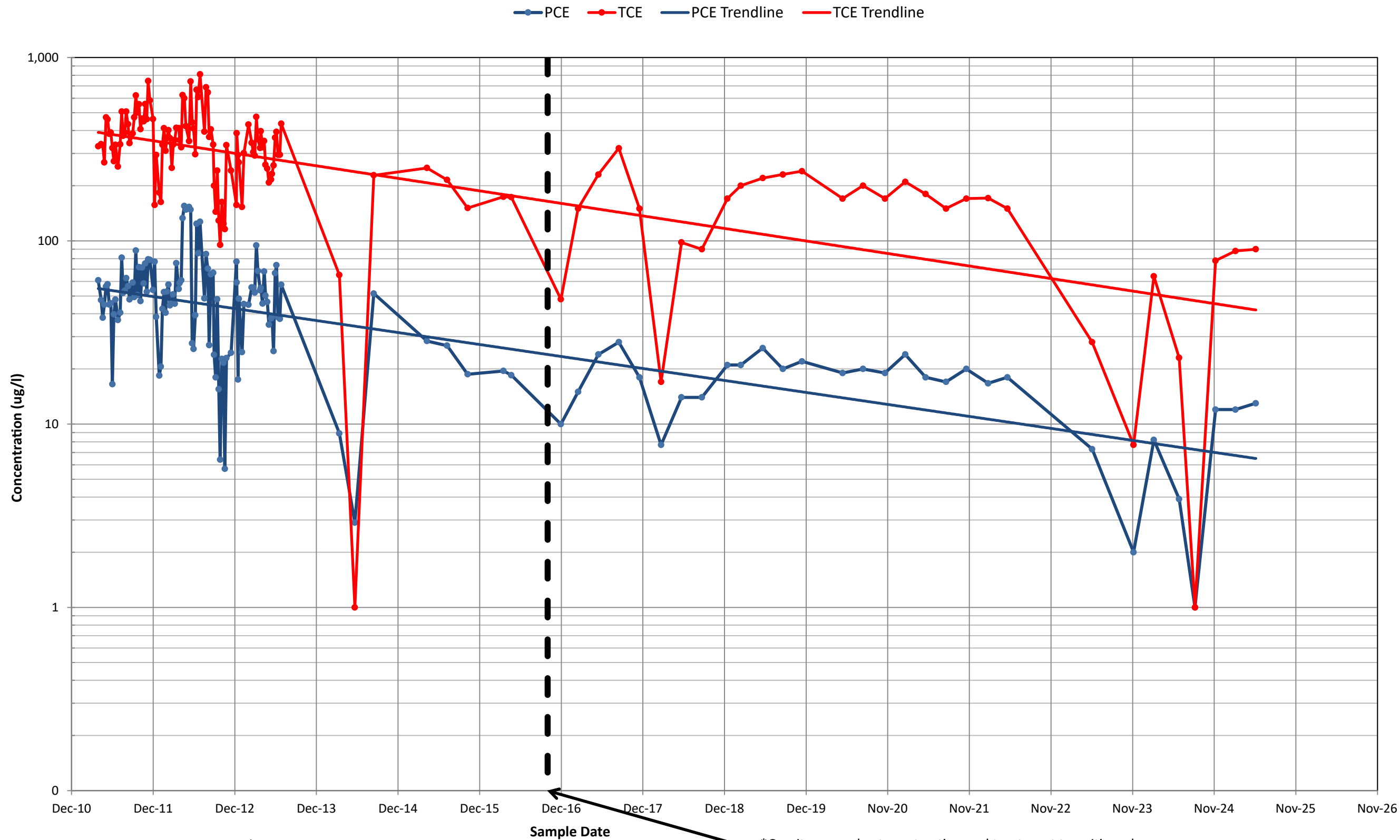
CHLORINATED VOC CONCENTRATIONS RW-3

FIGURE 28

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.

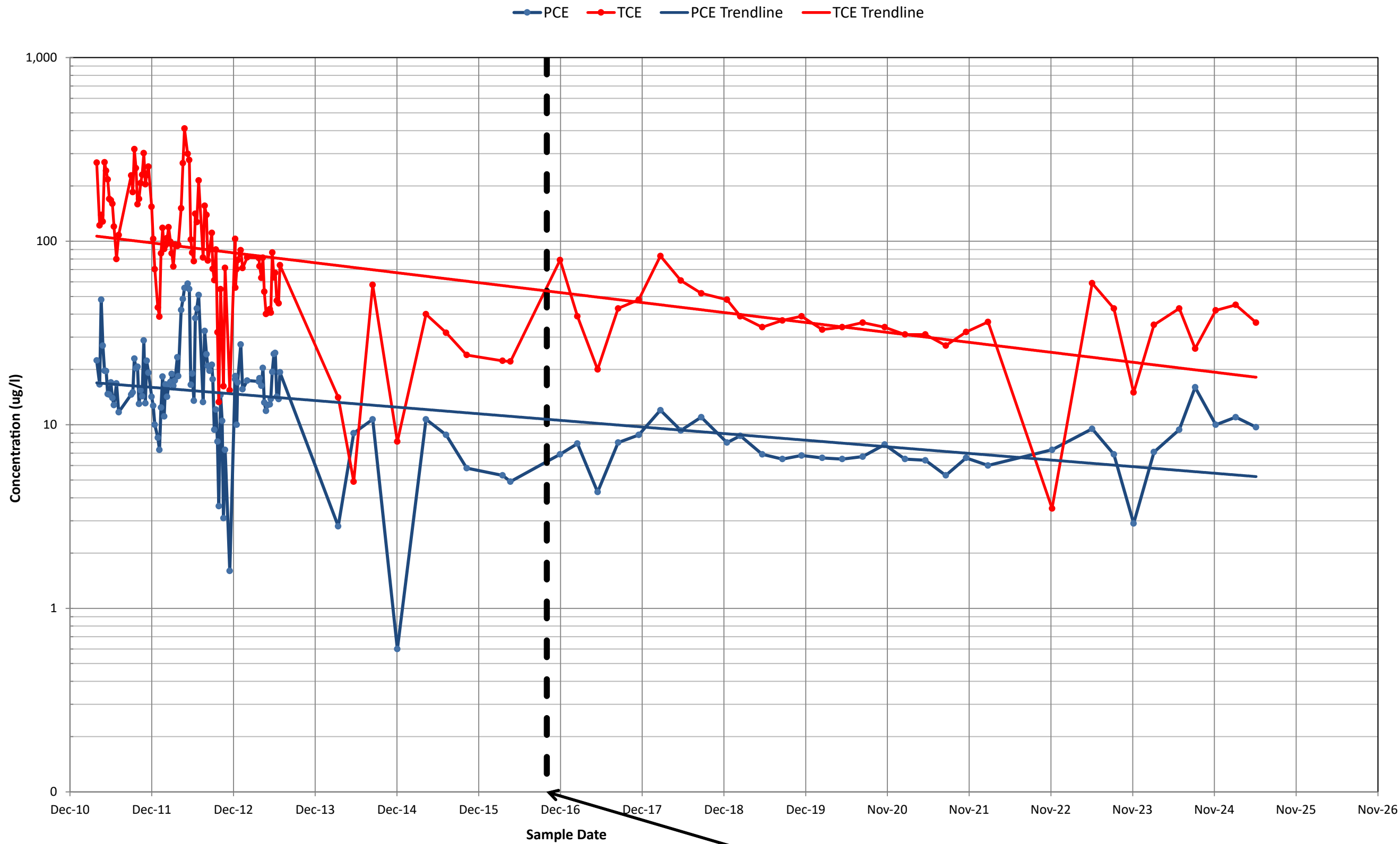
CHLORINATED VOC CONCENTRATIONS
RW-4

FIGURE 29

RAMBOLL AMERICAS
 ENGINEERING SOLUTIONS, INC.
 A RAMBOLL COMPANY

CLAREMONT POLYCHEMICAL CORPORATION
 505 WINDING ROAD
 OLD BETHPAGE, NEW YORK





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.

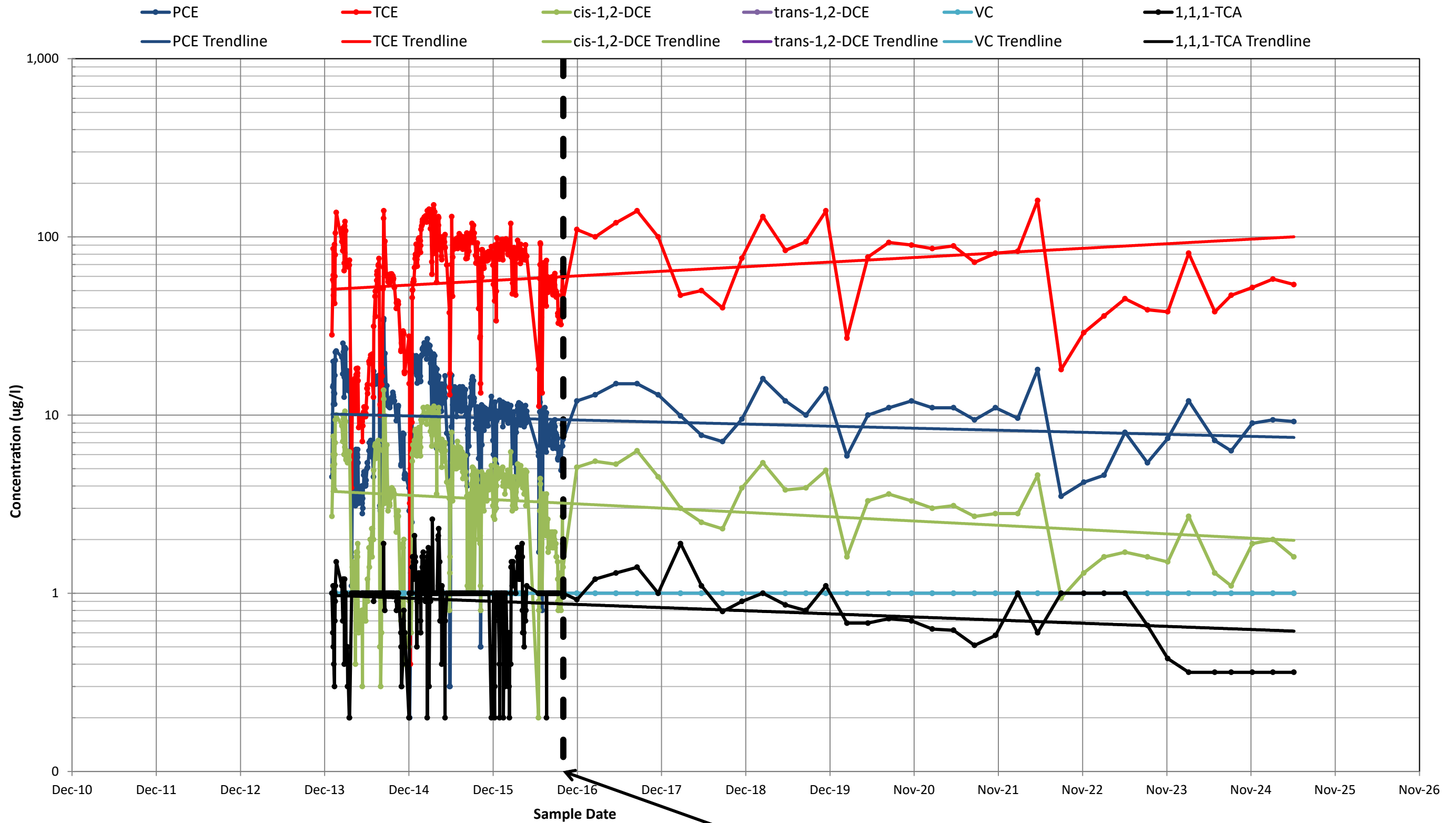
CHLORINATED VOC CONCENTRATIONS RW-5

FIGURE 30

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.
 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.

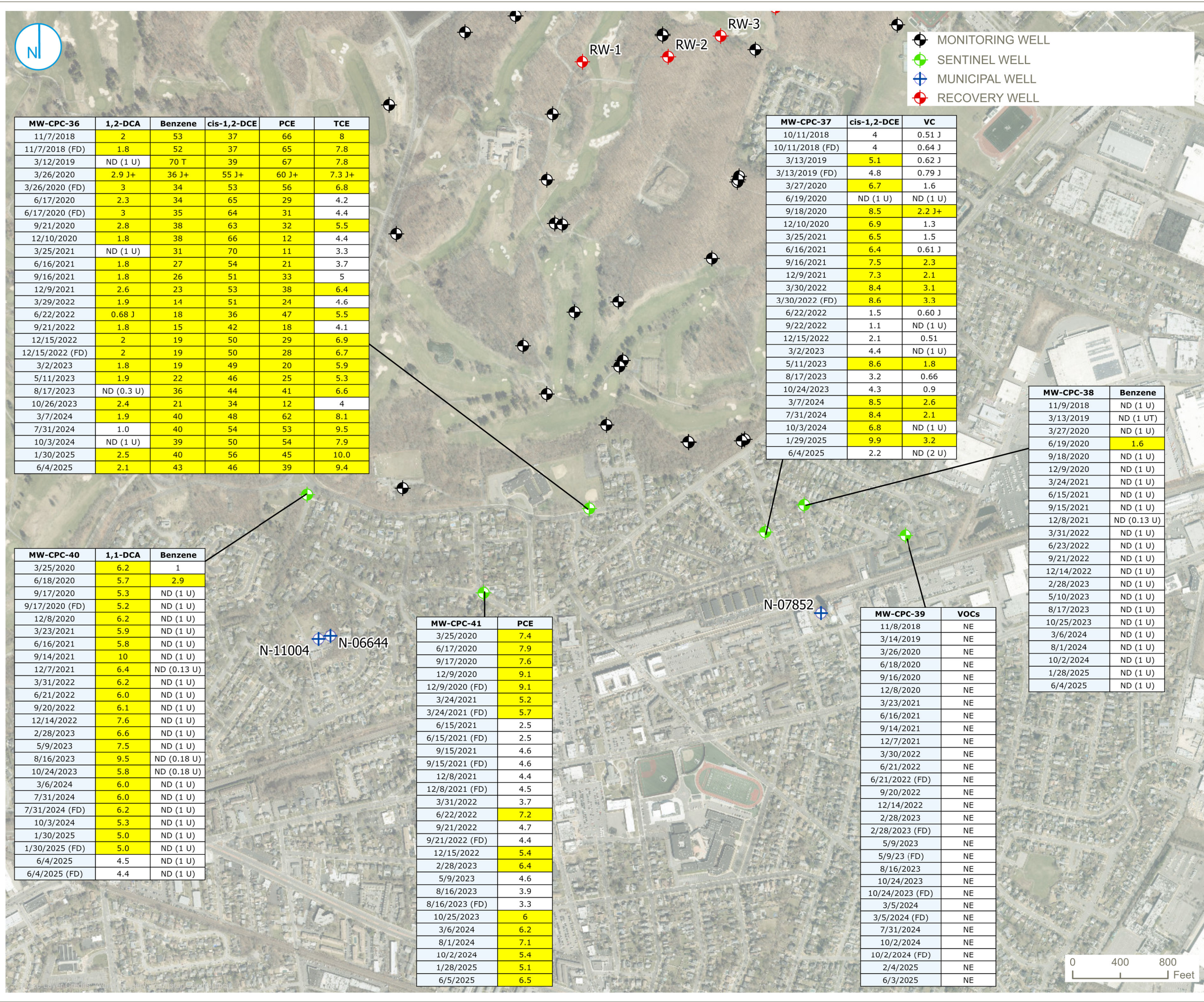
**CHLORINATED VOC CONCENTRATIONS
WELL OU5 INFLUENT**

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

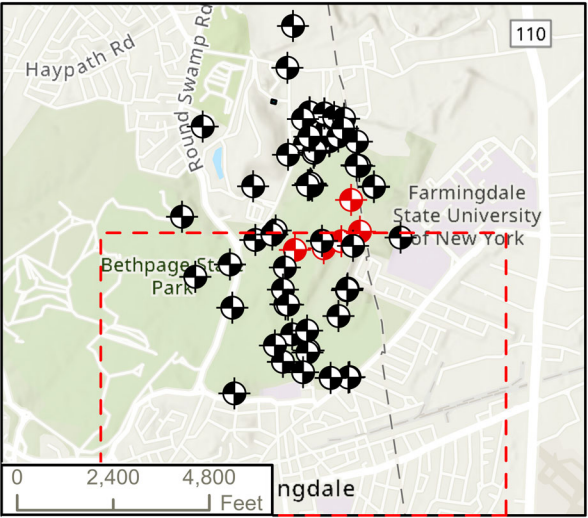
MW-CPC-37	cis-1,2-DCE	VC
10/11/2018	4	0.51 J
10/11/2018 (FD)	4	0.64 J
3/13/2019	5.1	0.62 J
3/13/2019 (FD)	4.8	0.79 J
3/27/2020	6.7	1.6
6/19/2020	ND (1 U)	ND (1 U)
9/18/2020	8.5	2.2 J+
12/10/2020	6.9	1.3
3/25/2021	6.5	1.5
6/16/2021	6.4	0.61 J
9/16/2021	7.5	2.3
12/9/2021	7.3	2.1
3/30/2022	8.4	3.1
3/30/2022 (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)

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)

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)

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

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



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.

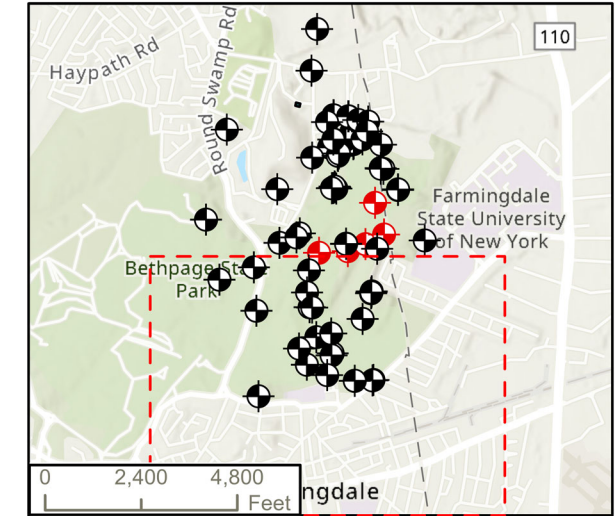
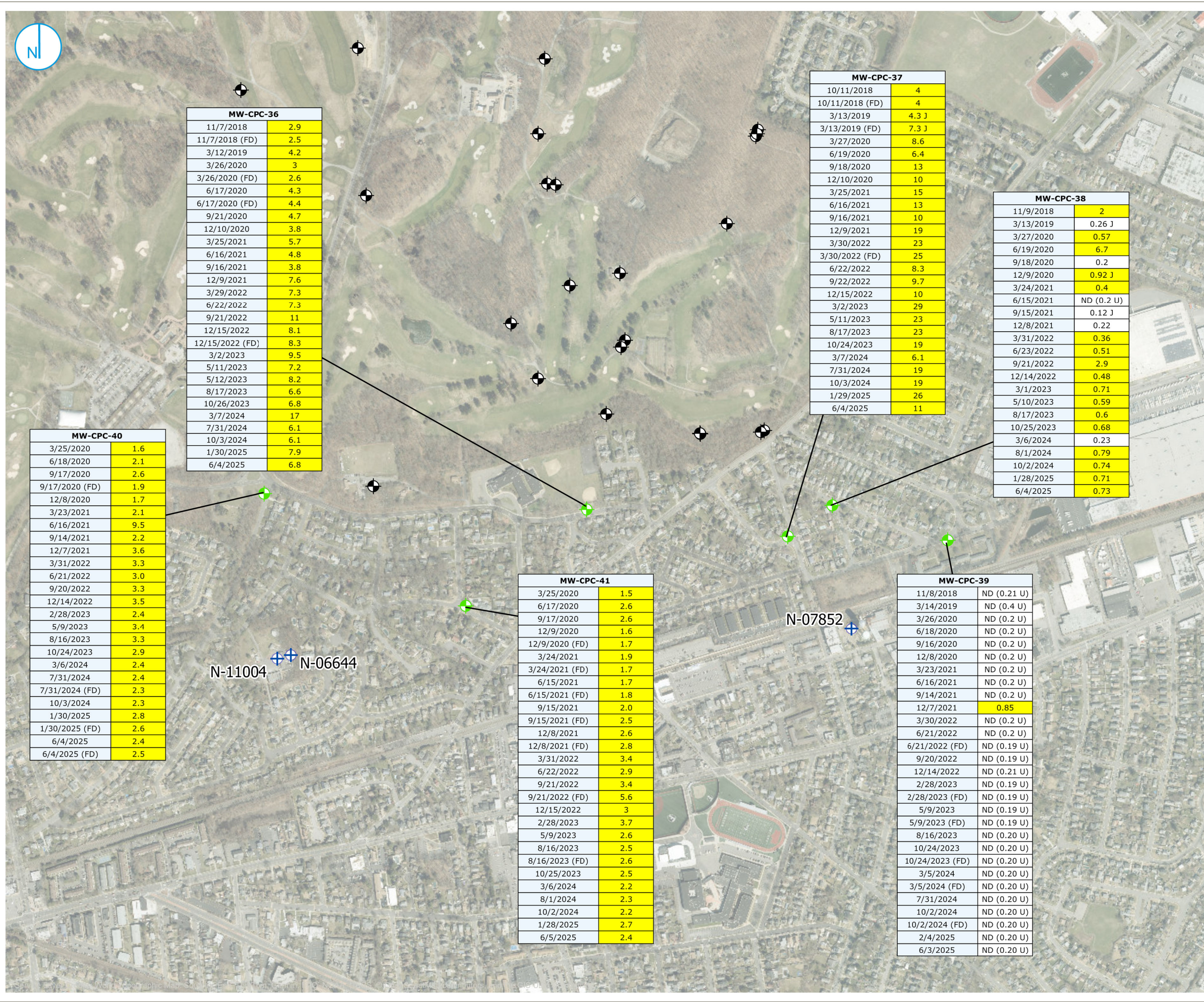
Standards / Criteria:	ug/L
1,1-Dichloroethane (1,1-DCA)	5
1,2-Dichloroethane (1,2-DCA)	0.6
Benzene	1
cis-1,2-Dichloroethylene (cis-1,2-DCE)	5
Tetrachloroethylene (PCE)	5
Trichloroethylene (TCE)	5
Vinyl Chloride (VC)	2

VOC EXCEEDANCES IN SENTINEL WELLS

CLAREMONT POLYCHEMICAL CORPORATION
 505 WINDING ROAD
 OLD BETHPAGE, NEW YORK

FIGURE 32





- 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.

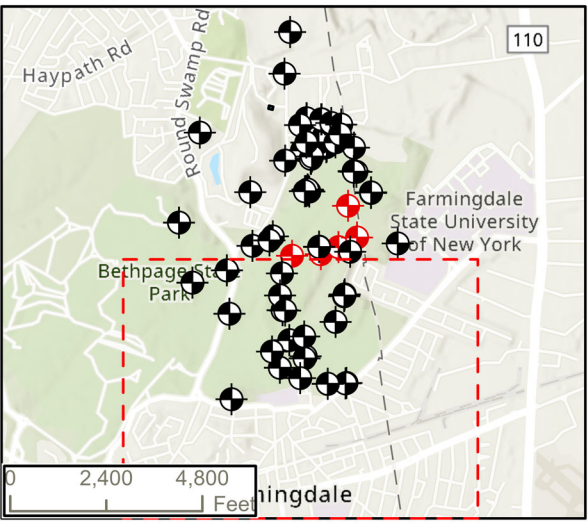
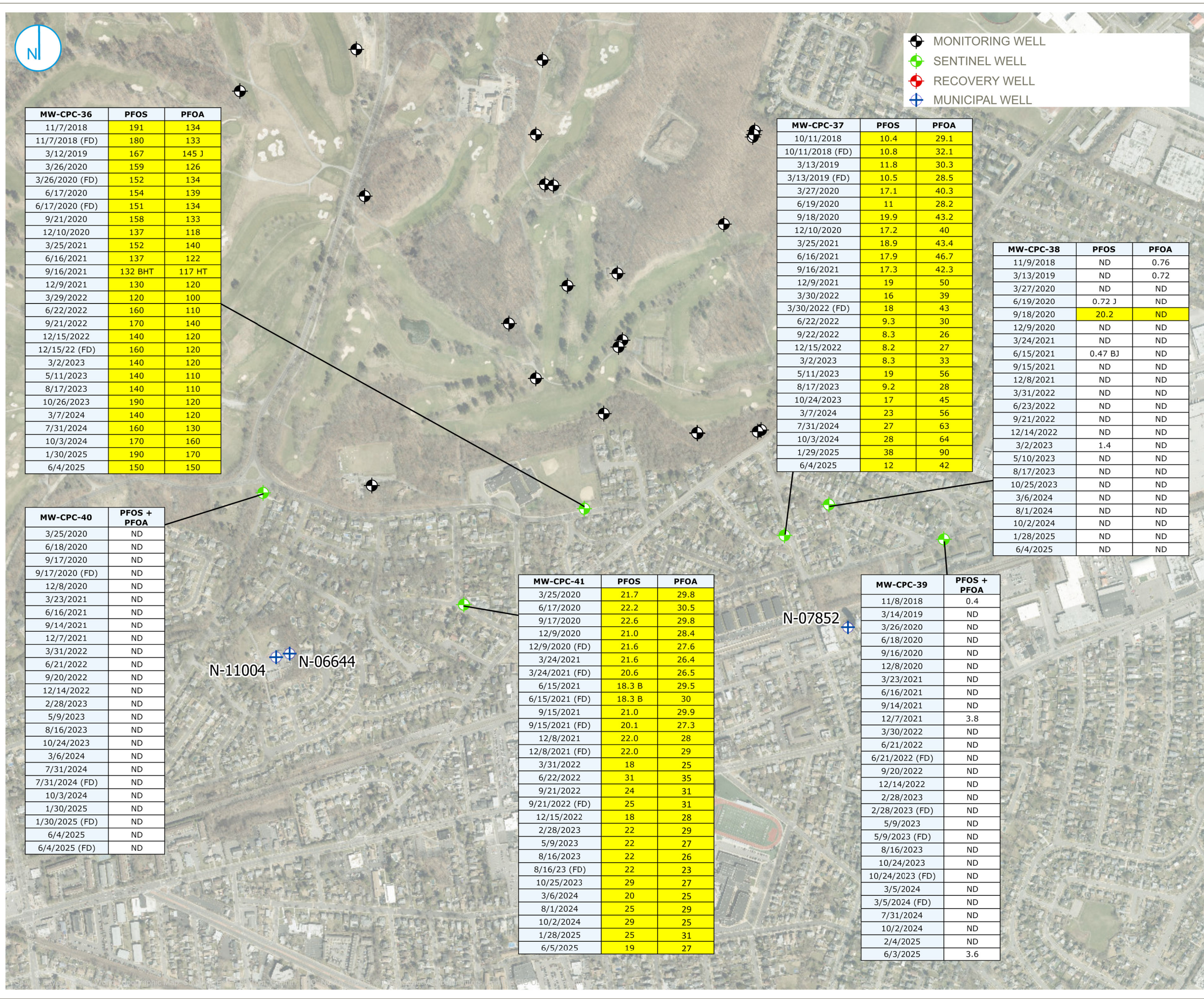
Standards / Criteria:	ug/L
1,4-Dioxane	0.35

1,4-DIOXANE EXCEEDANCES IN SENTINEL WELLS

CLAREMONT POLYCHEMICAL CORPORATION
 505 WINDING ROAD
 OLD BETHPAGE, NEW YORK

FIGURE 33





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

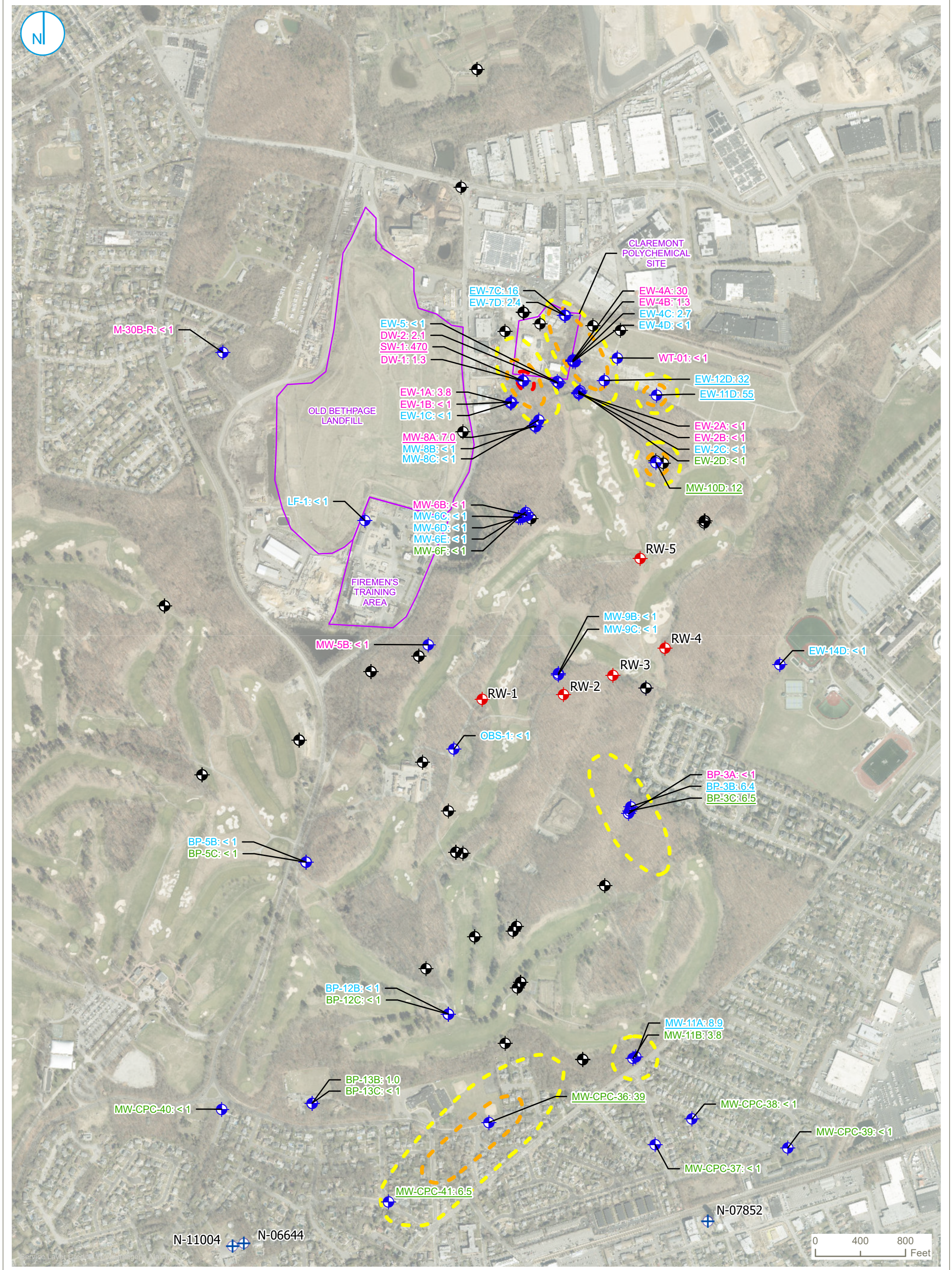
PFAS EXCEEDANCES IN SENTINEL WELLS

CLAREMONT POLYCHEMICAL CORPORATION
 505 WINDING ROAD
 OLD BETHPAGE, NEW YORK

FIGURE 34

RAMBOLL AMERICAS
 ENGINEERING SOLUTIONS, INC.
 A RAMBOLL COMPANY





- ◆ 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:
 - MW-7B-R was not sampled in 2Q due to a faulty PDB.
 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

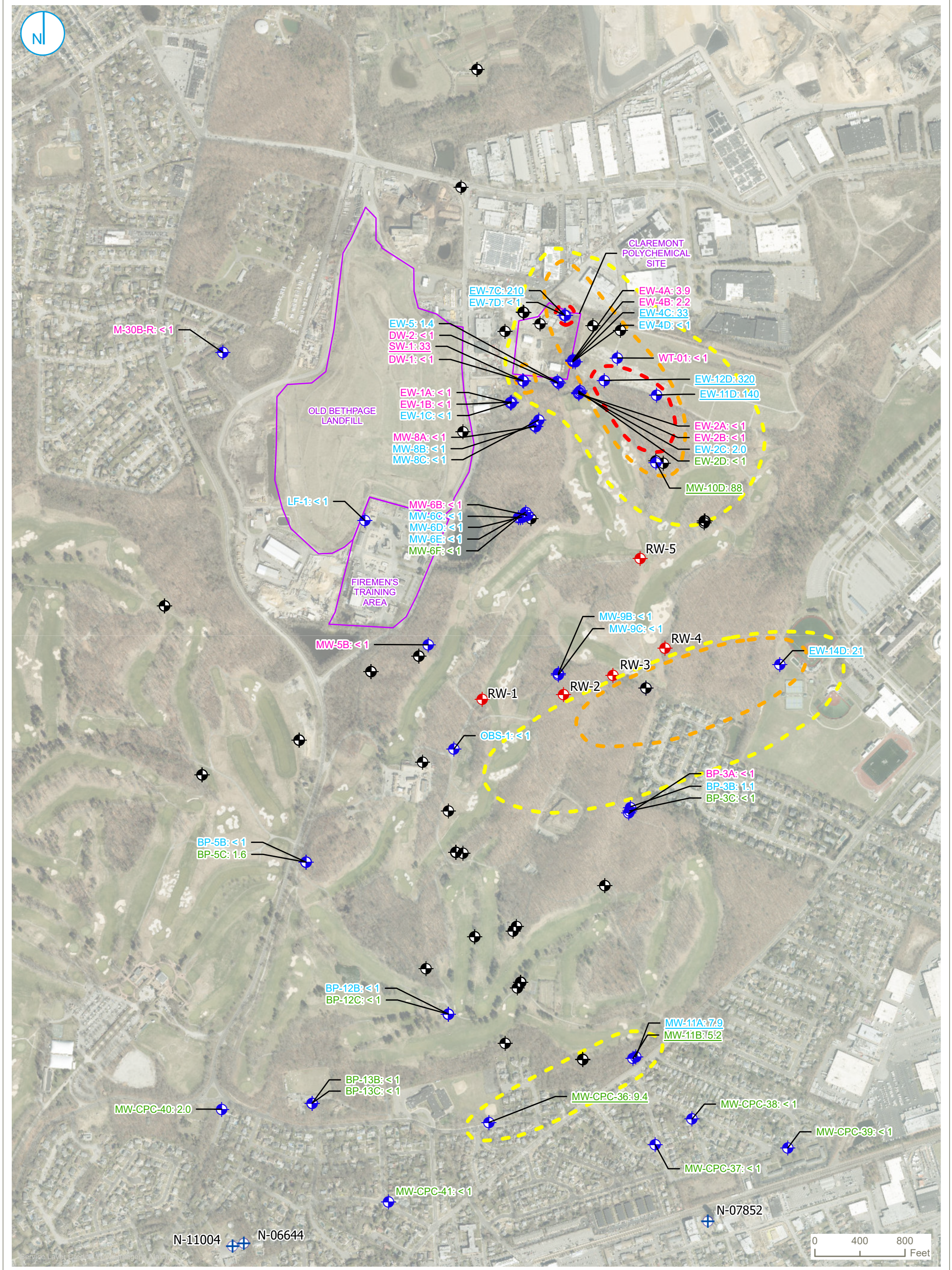
**MAY 2025
 TETRACHLOROETHENE
 (PCE) PLUME**

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:
 - MW-7B-R was not sampled as part of the 2Q event due to a faulty PDB. However, the average TCE concentration at this well from 2021 to present has been 59.25 ug/L.
 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

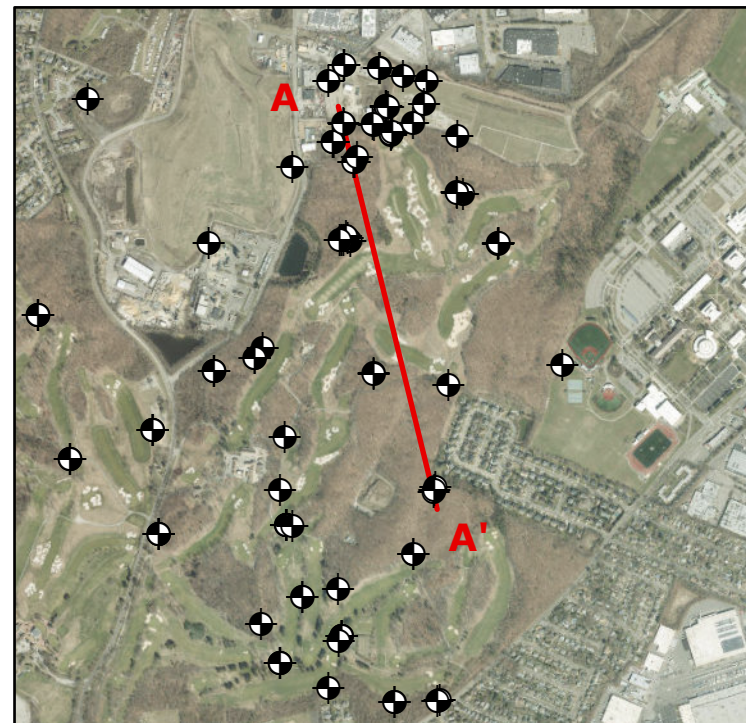
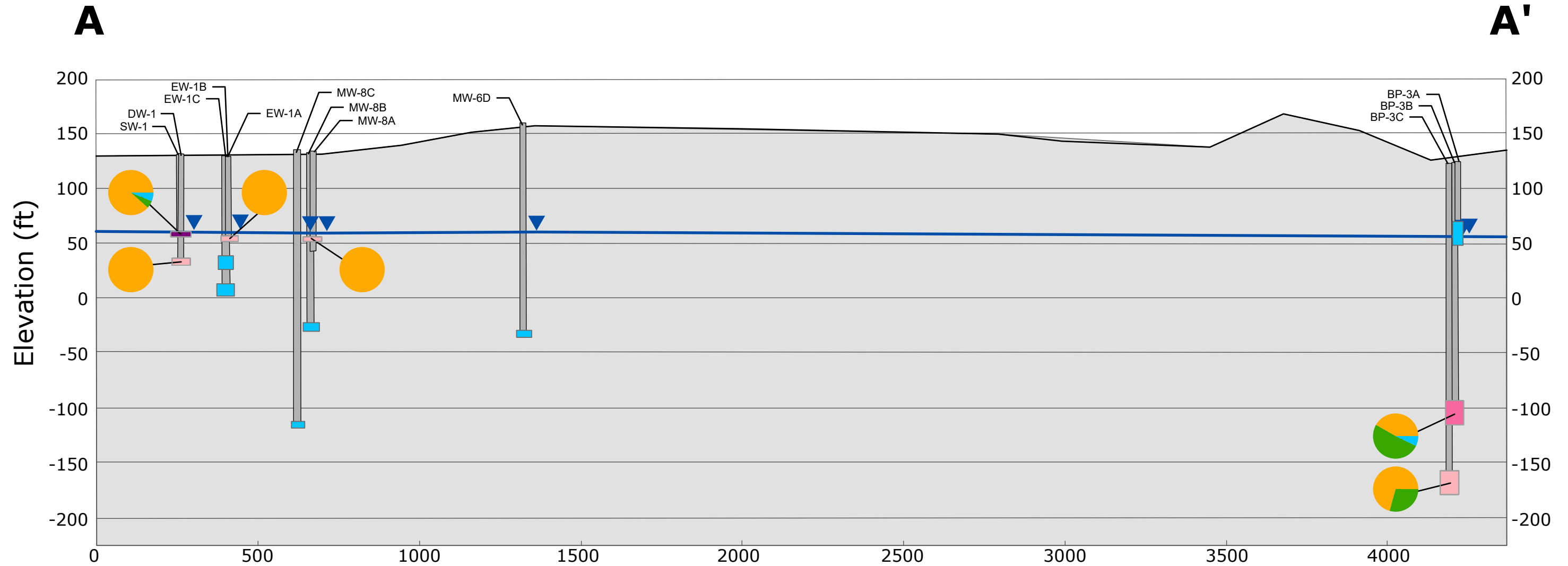
**MAY 2025
 TRICHLOROETHENE
 (TCE) PLUME**

FIGURE 36

CLAREMONT POLYCHEMICAL CORPORATION
 505 WINDING ROAD
 OLD BETHPAGE, NEW YORK

RAMBOLL AMERICAS
 ENGINEERING SOLUTIONS, INC.
 A RAMBOLL COMPANY





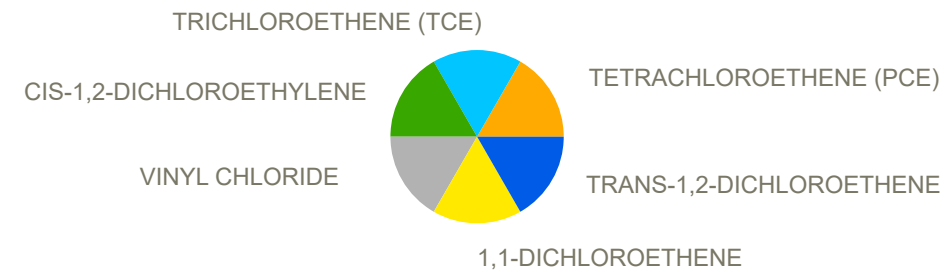
- Casing
- Screen Interval
- Groundwater Elevation (ft amsl)

Sum of CVOCs (ug/L)

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

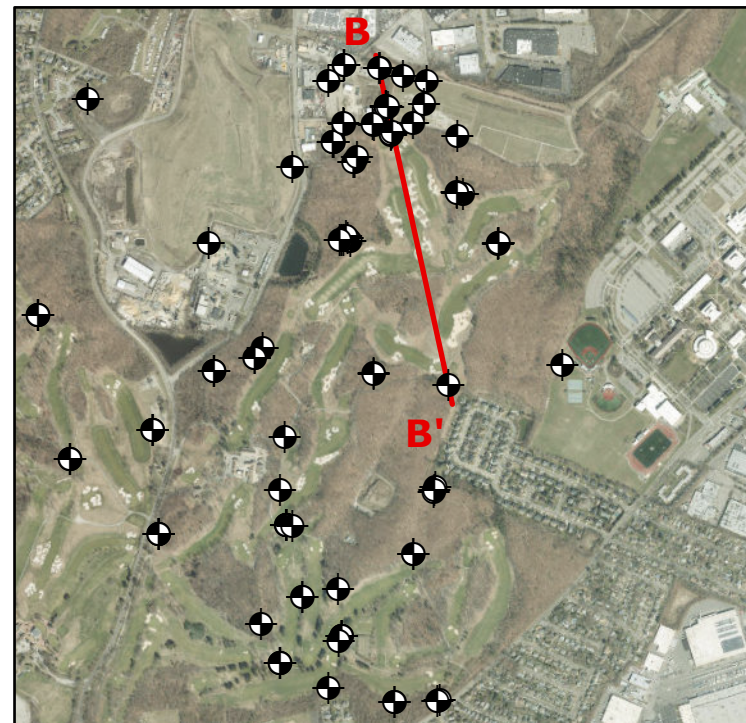
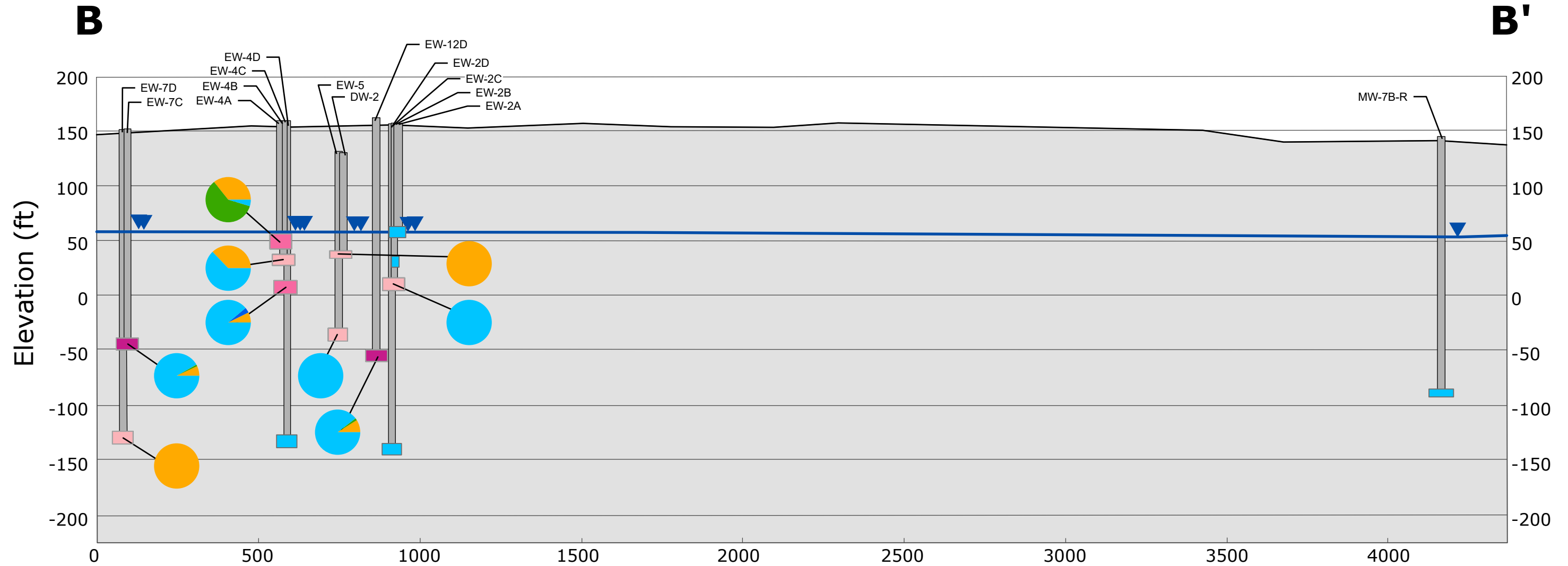
Notes

- Samples collected during Q2 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

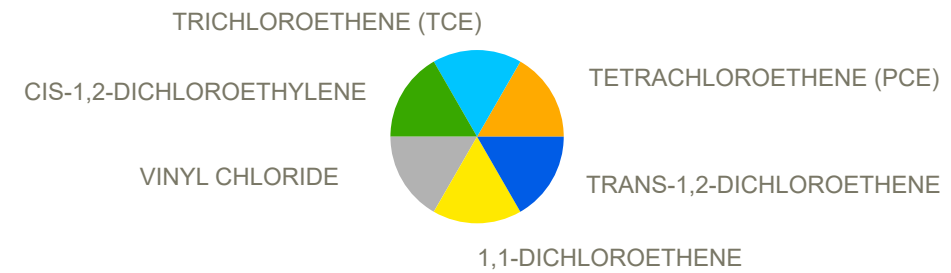
FIGURE 37



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

Sum of CVOCs (ug/L)

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

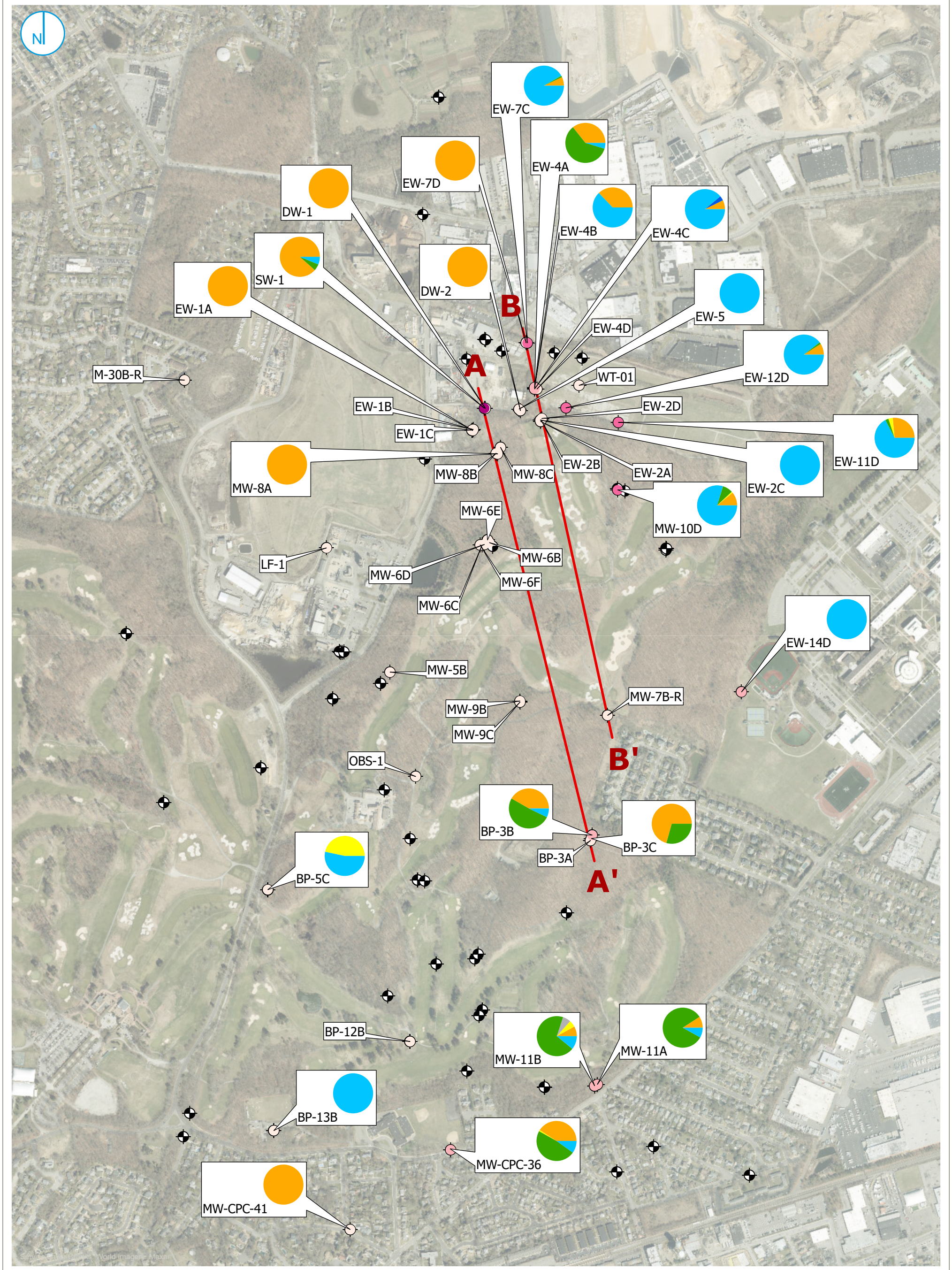


Notes

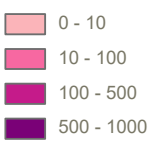
- MW-7B-R was not sampled in 2Q due to a faulty PDB.
- Samples collected during Q2 2025.
- Capture distance to transect line is 250 ft.
- Pie charts shown are for samples with results from the selected constituents that were above the detection limit.
- Wells without a pie chart did not have reported results above the detection limit for the selected constituents.

CROSS SECTION TRANSECT B

FIGURE 38



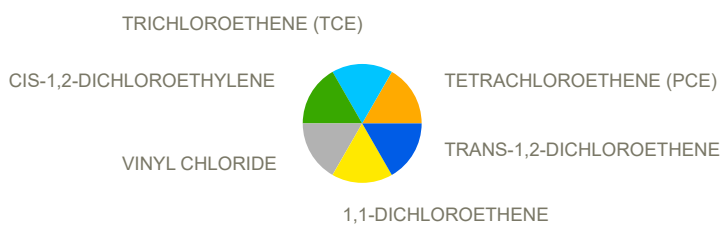
Sum of CVOCs (ug/L)



— Cross Section Transects

Notes

- MW-7B-R was not sampled in 2Q due to a faulty PDB.
- Samples collected during Q2 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
JUNE 3, 2025**

Recording Date:			6/3/2025	Recorded by:		RB, BO, CI, GS
Well	1Q 2025 Depth to Water Reading (ft)	Time	Measuring Point Elevation (ft AMSL)	2Q 2025 Depth to Water Reading (ft)	Water Elevation (ft AMSL)	Comments
BP-1A	46.39	12:50	109.77	47.22	62.55	
BP-1B	46.21	12:52	109.53	47.02	62.51	
BP-1C	45.86	12:54	109.37	46.72	62.65	
BP-2A	86.40	11:08	151	86.89	64.11	
BP-2B*	86.56	11:10	151.13	87.06	64.07	
BP-3A	63.22	7:57	124.16	64.41	59.75	
BP-3B	65.53	7:58	123.19	66.24	56.95	
BP-3C	65.40	7:59	123.91	66.30	57.61	
BP-4A	32.76	11:20	92.69	33.51	59.18	
BP-4B*	32.05	11:23	91.92	32.84	59.08	
BP-4C*	32.39	11:30	91.68	33.44	58.24	
BP-4I	32.21	11:27	92.1	32.98	59.12	
BP-5A	35.79	10:51	96.34	36.70	59.64	
BP-5B	36.17	10:43	96.48	37.00	59.48	
BP-5C	36.14	10:44	96.28	37.06	59.22	
BP-6A	-	-	102.55	-	-	Well Inaccessible
BP-6B	40.06	10:20	102.58	41.12	61.46	
BP-6C	39.69	10:25	102.35	40.79	61.56	
BP-7A	82.21	10:34	147.54	83.27	64.27	
BP-7B	83.51	10:32	148.76	84.66	64.10	
BP-7C	83.30	10:30	148.4	84.45	63.95	
BP-8A	27.36	-	89.88	-	-	Well Inaccessible
BP-8B	27.16	-	89.82	-	-	Well Inaccessible
BP-8C	27.77	-	89.53	-	-	Well Inaccessible
BP-9B*	27.17	12:22	85.09	27.70	57.39	
BP-9C*	-	-	84.88	-	-	Pump in well
BP-9I	27.21	12:34	85.18	27.74	57.44	
BP-10B*	25.00	12:03	81.21	25.34	55.87	
BP-10C*	26.88	12:05	80.94	28.35	52.59	
BP-11	-	-	81.76	-	-	Well buried
BP-12A*	20.71	12:34	78.33	21.29	57.04	
BP-12B	20.66	10:51	78.24	21.31	56.93	
BP-12C	22.95	10:50	78.56	23.18	55.38	
BP-13B	76.80	11:02	133.37	79.79	53.58	
BP-13C	78.01	11:03	133.67	79.28	54.39	
BP-14B*	23.22	12:37	81.50	23.98	57.52	
BP-14C*	23.78	12:40	81.48	24.91	56.57	
BP-15B	39.89	11:48	98.38	40.53	57.85	
BP-15C	39.59	11:50	98.45	40.57	57.88	
DW-1	65.19	13:55	130.13	66.20	63.93	
DW-2	71.10	13:36	135.52	72.13	63.39	
EW-1A	64.03	14:04	128.75	65.01	63.74	
EW-1B	64.59	14:00	129.31	65.56	63.75	
EW-1C	64.61	14:02	129.16	65.62	63.54	
EW-2A	92.21	8:55	156.09	93.20	62.89	
EW-2B	92.54	8:56	156.5	93.54	62.96	
EW-2C	92.49	8:57	156.5	93.54	62.96	
EW-2D	93.14	8:58	157.12	94.58	62.54	
EW-3A	96.98	8:15	157.88	97.79	60.09	
EW-3B	97.02	8:16	157.99	97.94	60.05	
EW-3C	96.87	8:17	157.87	97.82	60.05	
EW-4A	95.99	12:18	160.58	97.09	63.49	
EW-4B	96.03	12:19	160.59	97.13	63.46	
EW-4C	95.80	12:20	160.33	96.90	63.43	
EW-4D	96.17	12:21	160.62	97.42	63.20	
EW-5	70.66	13:35	135.05	71.30	63.75	
EW-6A	63.16	14:20	128.92	64.21	64.71	
EW-6C	63.59	14:22	129.02	65.83	63.19	
EW-7C	87.32	14:35	152.45	88.52	63.93	
EW-7D	87.23	14:32	152.35	88.46	63.89	
EW-8D	64.94	14:15	130.21	66.23	63.98	
EW-9D	71.05	14:25	136.2	72.26	63.94	
EW-10C	94.81	12:29	159.8	95.93	63.87	
EW-11D	100.90	12:12	164.17	102.08	62.09	
EW-12D	99.45	12:15	163.34	100.65	62.69	

**ATTACHMENT A
CLAREMONT POLYCHEMICAL CORPORATION SITE
WATER LEVEL MEASUREMENTS
JUNE 3, 2025**

Recording Date:			6/3/2025	Recorded by:		RB, BO, CI, GS
Well	1Q 2025 Depth to Water Reading (ft)	Time	Measuring Point Elevation (ft AMSL)	2Q 2025 Depth to Water Reading (ft)	Water Elevation (ft AMSL)	Comments
EW-13D	99.35	12:31	163.61	100.79	62.82	
EW-14D	42.07	12:00	100.58	42.84	57.74	
LF-1	44.91	13:30	109.83	45.68	64.15	
LF-2	52.45	14:50	117.18	53.40	63.78	
M-30BR	84.97	14:45	153.07	86.93	66.14	
MW-5B	73.40	10:12	136.99	73.80	63.19	
MW-6A	NM	-	158.83	-	-	Insufficient water
MW-6B	96.11	9:42	159.02	96.86	62.16	
MW-6C	95.51	9:33	158.65	96.19	62.46	
MW-6D	96.09	9:35	159.01	96.94	62.07	
MW-6E	96.66	9:39	159.54	97.52	62.02	
MW-6F	96.05	9:39	158.71	97.15	61.56	
MW-7BR	88.27	7:48	146.27	88.13	58.14	
MW-8A	69.55	9:05	133.52	70.50	63.02	
MW-8B	68.92	9:06	132.84	69.98	62.86	
MW-8C	70.43	9:07	134.27	71.61	62.66	
MW-9B	91.82	6:55	151.78	92.65	59.13	
MW-9C	92.48	6:56	151.97	93.32	58.65	
MW-10B	97.71	8:30	159.9	98.72	61.18	
MW-10C	96.76	8:37	158.89	97.81	61.08	
MW-10D	97.50	8:40	159.67	98.78	60.89	
MW-11A	24.00	11:44	78.71	24.23	54.48	
MW-11B	23.84	11:45	78.43	24.14	54.29	
MW-CPC-36	21.42	12:54	75.93	21.78	54.15	
MW-CPC-37	27.21	11:17	77.87	29.34	48.53	
MW-CPC-38	27.58	11:28	78.91	30.24	48.67	
MW-CPC-39	25.72	11:24	75.25	27.70	47.55	
MW-CPC-40	55.72	13:10	110.00	56.76	53.24	
MW-CPC-41	19.10	13:07	72.6	19.49	53.11	
OBS-1	48.31	10:19	109.03	49.65	59.38	
OBV-1B	87.40	9:49	157.26	88.98	68.28	
OBV-1C	87.11	9:47	156.69	89.67	67.02	
ORW-1 ^a	-	-	147.68	-	-	Vault door jammed
ORW-2 ^a	37.20	11:20	97.88	38.04	59.84	
ORW-3 ^a	31.45	11:35	91.39	32.21	59.18	
ORW-4 ^a	-	-	88.88	-	-	Vault inaccessible
ORW-5A ^a	42.49	11:00	100.38	43.21	57.17	
ORW-6 ^a	25.81	12:20	83.42	25.84	57.58	
ORW-7 ^a	19.31	12:27	76.14	19.41	56.73	
RB-1	66.28	10:05	135.02	67.61	67.41	
SW-1	65.34	13:52	130.24	66.34	63.90	
UM-1	-	10:45	115.64	50.88	64.76	
U-6A	68.93	-	153.94	-	-	Leak in casing
W-7A	39.11	13:07	104.44	39.58	64.86	
W-7B	40.19	13:05	104.55	40.89	63.66	
W-7C	40.46	13:09	104.68	41.30	63.38	
W-7D	40.88	13:03	104.58	41.76	62.82	
WT-01	99.09	12:38	163.28	100.18	63.10	

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 B1
SUMMARY OF EMERGING CONTAMINANT SAMPLES

Attachment B1
Summary of Analytical Results
May-June 2025 (2Q2025) 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-Chlorodocosfluoro-3-Oxaundecane-1-Sulfonic Acid	11,1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	11,1H,1H,2H,2H-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-Tetrafluoro-2-(1,1,2,2,3,3,3-Heptafluoropropoxy)-Propanoic Acid	2H,2H,3H,3H-Perfluorooctanoic Acid (5:3Ftca)	3-Perfluoroheptyl Propanoic Acid (7:3Ftca)	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	6/4/2025	N	< 6.1 U	11	35	< 15 U	< 15 U	< 1.5 U	< 6.1 U	< 38 U	< 38 U	< 7.6 U	< 6.1 U	< 6.1 U	< 1.5 U
MW-CPC-37	6/4/2025	N	< 6 U	< 6 U	190	< 15 U	< 15 U	< 1.5 U	< 6 U	< 38 U	< 38 U	< 7.5 U	< 6 U	< 6 U	< 1.5 U
MW-CPC-38	6/4/2025	N	< 6.5 U	< 6.5 U	< 6.5 U	< 16 U	< 16 U	< 1.6 U	< 6.5 U	< 41 U	< 41 U	< 8.2 U	< 6.5 U	< 6.5 U	< 1.6 U
MW-CPC-39	6/3/2025	N	< 6.3 U	< 6.3 U	< 6.3 U	< 16 U	< 16 U	< 1.6 U	< 6.3 U	< 40 U	< 40 U	< 7.9 U	< 6.3 U	< 6.3 U	< 1.6 U
MW-CPC-40	6/4/2025	N	< 5.7 U	< 5.7 U	< 5.7 U	< 14 U	< 14 U	< 1.4 U	< 5.7 U	< 36 U	< 36 U	< 7.2 U	< 5.7 U	< 5.7 U	< 1.4 U
MW-CPC-40	6/4/2025	FD	< 5.9 U	< 5.9 U	< 5.9 U	< 15 U	< 15 U	< 1.5 U	< 5.9 U	< 37 U	< 37 U	< 7.4 U	< 5.9 U	< 5.9 U	< 1.5 U
MW-CPC-41	6/5/2025	N	< 5.7 U	< 5.7 U	< 5.7 U	< 14 U	< 14 U	< 1.4 U	< 5.7 U	< 36 U	< 36 U	< 7.1 U	< 5.7 U	< 5.7 U	< 1.4 U

Notes:
U - not detected
D - sample was diluted
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
May-June 2025 (2Q2025) 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-Dioxahexanoic 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	6/4/2025	N	< 1.5 U	< 1.5 U	< 3 U	< 3 U	< 3 U	< 3 U	5.6	31	< 1.5 U	3.1	< 1.5 U	< 1.5 U	2.7
MW-CPC-37	6/4/2025	N	< 1.5 U	< 1.5 U	< 3 U	< 3 U	< 3 U	< 3 U	1.8	14	< 1.5 U	1.8	< 1.5 U	< 1.5 U	< 1.5 U
MW-CPC-38	6/4/2025	N	< 1.6 U	< 1.6 U	< 3.3 U	< 3.3 U	< 3.3 U	< 3.3 U	< 1.6 U	< 6.5 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U
MW-CPC-39	6/3/2025	N	< 1.6 U	< 1.6 U	< 3.2 U	< 3.2 U	< 3.2 U	< 3.2 U	< 1.6 U	< 6.3 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U
MW-CPC-40	6/4/2025	N	< 1.4 U	< 1.4 U	< 2.9 U	< 2.9 U	< 2.9 U	< 2.9 U	< 1.4 U	< 5.7 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U
MW-CPC-40	6/4/2025	FD	< 1.5 U	< 1.5 U	< 2.9 U	< 2.9 U	< 2.9 U	< 2.9 U	< 1.5 U	< 5.9 U	< 1.5 U	< 1.5 U	< 1.5 U	< 1.5 U	< 1.5 U
MW-CPC-41	6/5/2025	N	< 1.4 U	< 1.4 U	< 2.9 U	< 2.9 U	< 2.9 U	< 2.9 U	2.0	14	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U

Notes:
U - not detected
D - sample was diluted
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
May-June 2025 (2Q2025) 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 (Pfnss)	Perfluorononanoic Acid	Perfluorooctane Sulfonamide (Fosa)	Perfluorooctane Sulfonic Acid (Pfos)	Perfluorooctanoic Acid (Pfoa)	Perfluoropentanesulfonic Acid (Pfpes)	Perfluoropentanoic Acid (Pfpaa)	Perfluorotetradecanoic Acid (Pftaa)	Perfluorotridecanoic Acid (Pftaa)	Perfluoroundecanoic Acid (Pfua)	Sodium 1H,1H,2H,2H-Perfluorohexane Sulfonate (4:2)	Total Pfas	1,4-Dioxane (P-Dioxane)	
MW-CPC-36	6/4/2025	N	36	40	46	< 1.5 U	480 D	< 1.5 U	150	150	6.2	51	< 1.5 U	< 1.5 U	4.6	< 6.1 U	1052.2	6.8	
MW-CPC-37	6/4/2025	N	4.9	3.8	15	< 1.5 U	< 1.5 U	< 1.5 U	12	42	1.8	5.0	< 1.5 U	< 1.5 U	< 1.5 U	< 6 U	292.1	11	
MW-CPC-38	6/4/2025	N	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 3.3 U	< 1.6 U	< 1.6 U	< 1.6 U	< 6.5 U	< 6.5 U	0.73	
MW-CPC-39	6/3/2025	N	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	3.6	< 1.6 U	< 3.2 U	< 1.6 U	< 1.6 U	< 1.6 U	< 6.3 U	3.6	< 0.19 U	
MW-CPC-40	6/4/2025	N	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 2.9 U	< 1.4 U	< 1.4 U	< 1.4 U	< 5.7 U	< 5.7 U	2.4	
MW-CPC-40	6/4/2025	FD	< 1.5 U	< 1.5 U	< 1.5 U	< 1.5 U	< 1.5 U	< 1.5 U	< 1.5 U	< 1.5 U	< 1.5 U	< 2.9 U	< 1.5 U	< 1.5 U	< 1.5 U	< 5.9 U	< 5.9 U	2.5	
MW-CPC-41	6/5/2025	N	11	6.5	20	< 1.4 U	99	< 1.4 U	19	27	1.5	28	< 1.4 U	< 1.4 U	< 1.4 U	< 5.7 U	228	2.4	

Notes:
U - not detected
D - sample was diluted
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

May 28, 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: 25E1817

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

Sincerely,



Kyle A. Murray
Project Manager

Table of Contents

Sample Summary	3
Case Narrative	4
Sample Results	5
25E1817-01	5
25E1817-02	7
25E1817-03	9
25E1817-04	11
25E1817-05	13
25E1817-06	15
25E1817-07	17
25E1817-08	19
25E1817-09	21
25E1817-10	23
25E1817-11	25
Sample Preparation Information	27
QC Data	28
Volatile Organic Compounds by GC/MS	28
B405789	28
Flag/Qualifier Summary	32
Certifications	33
Chain of Custody/Sample Receipt	35



Pace Analytical Services, LLC - East Longmeadow, Ma

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: 5/28/2025

PURCHASE ORDER NUMBER: 151811

PROJECT NUMBER: 130015

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 25E1817

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
LF1-CP-00-052025	25E1817-01	Ground Water		SW-846 8260D	
OBS1-CP-00-052025	25E1817-02	Ground Water		SW-846 8260D	
MW5B-CP-00-052025	25E1817-03	Ground Water		SW-846 8260D	
MW6B-CP-00-052025	25E1817-04	Ground Water		SW-846 8260D	
MW6C-CP-00-052025	25E1817-05	Ground Water		SW-846 8260D	
MW6E-CP-00-052025	25E1817-06	Ground Water		SW-846 8260D	
MW6F-CP-00-052025	25E1817-07	Ground Water		SW-846 8260D	
MW8A-CP-00-052025	25E1817-08	Ground Water		SW-846 8260D	
MW8B-CP-00-052025	25E1817-09	Ground Water		SW-846 8260D	
MW9B-CP-00-052025	25E1817-10	Ground Water		SW-846 8260D	
MW9C-CP-00-052025	25E1817-11	Ground Water		SW-846 8260D	

CASE NARRATIVE SUMMARY

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

SW-846 8260D

Qualifications:

V-05
Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Analyte & Samples(s) Qualified:

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

25E1817-01[LF1-CP-00-052025], 25E1817-02[OBS1-CP-00-052025], 25E1817-03[MW5B-CP-00-052025], 25E1817-04[MW6B-CP-00-052025], 25E1817-05[MW6C-CP-00-052025], 25E1817-06[MW6E-CP-00-052025], 25E1817-07[MW6F-CP-00-052025], 25E1817-08[MW8A-CP-00-052025], 25E1817-09[MW8B-CP-00-052025], 25E1817-10[MW9B-CP-00-052025], 25E1817-11[MW9C-CP-00-052025], B405789-BLK1, B405789-BS1, B405789-BSD1, S121836-CCV1

2-Butanone (MEK)

25E1817-01[LF1-CP-00-052025], 25E1817-02[OBS1-CP-00-052025], 25E1817-03[MW5B-CP-00-052025], 25E1817-04[MW6B-CP-00-052025], 25E1817-05[MW6C-CP-00-052025], 25E1817-06[MW6E-CP-00-052025], 25E1817-07[MW6F-CP-00-052025], 25E1817-08[MW8A-CP-00-052025], 25E1817-09[MW8B-CP-00-052025], 25E1817-10[MW9B-CP-00-052025], 25E1817-11[MW9C-CP-00-052025], B405789-BLK1, B405789-BS1, B405789-BSD1, S121836-CCV1

Carbon Disulfide

25E1817-01[LF1-CP-00-052025], 25E1817-02[OBS1-CP-00-052025], 25E1817-03[MW5B-CP-00-052025], 25E1817-04[MW6B-CP-00-052025], 25E1817-05[MW6C-CP-00-052025], 25E1817-06[MW6E-CP-00-052025], 25E1817-07[MW6F-CP-00-052025], 25E1817-08[MW8A-CP-00-052025], 25E1817-09[MW8B-CP-00-052025], 25E1817-10[MW9B-CP-00-052025], 25E1817-11[MW9C-CP-00-052025], B405789-BLK1, B405789-BS1, B405789-BSD1, S121836-CCV1

Chloromethane

25E1817-01[LF1-CP-00-052025], 25E1817-02[OBS1-CP-00-052025], 25E1817-03[MW5B-CP-00-052025], 25E1817-04[MW6B-CP-00-052025], 25E1817-05[MW6C-CP-00-052025], 25E1817-06[MW6E-CP-00-052025], 25E1817-07[MW6F-CP-00-052025], 25E1817-08[MW8A-CP-00-052025], 25E1817-09[MW8B-CP-00-052025], 25E1817-10[MW9B-CP-00-052025], 25E1817-11[MW9C-CP-00-052025], B405789-BLK1, B405789-BS1, B405789-BSD1, S121836-CCV1

V-20
Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

1,2,3-Trichloropropane

B405789-BS1, B405789-BSD1, S121836-CCV1

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



Lisa A. Worthington
Technical Representative

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25E1817

Date Received: 5/22/2025

Field Sample #: LF1-CP-00-052025

Sampled: 5/20/2025 15:00

Sample ID: 25E1817-01

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	340	50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
2-Butanone (MEK)	ND	20	µg/L	1	V-05	SW-846 8260D	5/23/25	5/23/25 13:05	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
Carbon Disulfide	ND	5.0	µg/L	1	V-05	SW-846 8260D	5/23/25	5/23/25 13:05	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	5/23/25	5/23/25 13:05	LBD
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	5/23/25	5/23/25 13:05	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD

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: 25E1817

Date Received: 5/22/2025

Field Sample #: LF1-CP-00-052025

Sampled: 5/20/2025 15:00

Sample ID: 25E1817-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:05	LBD
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		83.4		70-130				5/23/25 13:05	
Toluene-d8		94.6		70-130				5/23/25 13:05	
4-Bromofluorobenzene		100		70-130				5/23/25 13:05	

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Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25E1817

Date Received: 5/22/2025

Field Sample #: OBS1-CP-00-052025

Sampled: 5/20/2025 13:00

Sample ID: 25E1817-02

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	56	50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
2-Butanone (MEK)	ND	20	µg/L	1	V-05	SW-846 8260D	5/23/25	5/23/25 13:31	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
Carbon Disulfide	ND	5.0	µg/L	1	V-05	SW-846 8260D	5/23/25	5/23/25 13:31	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	5/23/25	5/23/25 13:31	LBD
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	5/23/25	5/23/25 13:31	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD

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: 25E1817

Date Received: 5/22/2025

Field Sample #: OBS1-CP-00-052025

Sampled: 5/20/2025 13:00

Sample ID: 25E1817-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:31	LBD
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		83.1		70-130				5/23/25 13:31	
Toluene-d8		94.5		70-130				5/23/25 13:31	
4-Bromofluorobenzene		98.6		70-130				5/23/25 13:31	

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: 25E1817

Date Received: 5/22/2025

Field Sample #: MW5B-CP-00-052025

Sampled: 5/20/2025 14:25

Sample ID: 25E1817-03

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	88	50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
2-Butanone (MEK)	ND	20	µg/L	1	V-05	SW-846 8260D	5/23/25	5/23/25 13:57	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
Carbon Disulfide	ND	5.0	µg/L	1	V-05	SW-846 8260D	5/23/25	5/23/25 13:57	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	5/23/25	5/23/25 13:57	LBD
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	5/23/25	5/23/25 13:57	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD

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: 25E1817

Date Received: 5/22/2025

Field Sample #: MW5B-CP-00-052025

Sampled: 5/20/2025 14:25

Sample ID: 25E1817-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 13:57	LBD
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		84.0		70-130				5/23/25 13:57	
Toluene-d8		94.0		70-130				5/23/25 13:57	
4-Bromofluorobenzene		101		70-130				5/23/25 13:57	

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: 25E1817

Date Received: 5/22/2025

Field Sample #: MW6B-CP-00-052025

Sampled: 5/21/2025 11:00

Sample ID: 25E1817-04

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	140	50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
2-Butanone (MEK)	ND	20	µg/L	1	V-05	SW-846 8260D	5/23/25	5/23/25 14:23	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
Carbon Disulfide	ND	5.0	µg/L	1	V-05	SW-846 8260D	5/23/25	5/23/25 14:23	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
Chlorobenzene	2.2	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	5/23/25	5/23/25 14:23	LBD
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	5/23/25	5/23/25 14:23	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
1,4-Dichlorobenzene	1.2	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
Isopropylbenzene (Cumene)	1.2	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD

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: 25E1817

Date Received: 5/22/2025

Field Sample #: MW6B-CP-00-052025

Sampled: 5/21/2025 11:00

Sample ID: 25E1817-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:23	LBD
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		82.6	70-130				5/23/25	14:23	
Toluene-d8		94.8	70-130				5/23/25	14:23	
4-Bromofluorobenzene		101	70-130				5/23/25	14:23	

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: 25E1817

Date Received: 5/22/2025

Field Sample #: MW6C-CP-00-052025

Sampled: 5/21/2025 11:30

Sample ID: 25E1817-05

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	78	50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
2-Butanone (MEK)	ND	20	µg/L	1	V-05	SW-846 8260D	5/23/25	5/23/25 14:49	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
Carbon Disulfide	ND	5.0	µg/L	1	V-05	SW-846 8260D	5/23/25	5/23/25 14:49	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
Chlorobenzene	3.3	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	5/23/25	5/23/25 14:49	LBD
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	5/23/25	5/23/25 14:49	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
1,4-Dichlorobenzene	1.2	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD

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: 25E1817

Date Received: 5/22/2025

Field Sample #: MW6C-CP-00-052025

Sampled: 5/21/2025 11:30

Sample ID: 25E1817-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 14:49	LBD
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		82.4		70-130				5/23/25 14:49	
Toluene-d8		94.2		70-130				5/23/25 14:49	
4-Bromofluorobenzene		101		70-130				5/23/25 14:49	

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: 25E1817

Date Received: 5/22/2025

Field Sample #: MW6E-CP-00-052025

Sampled: 5/21/2025 12:00

Sample ID: 25E1817-06

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		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
2-Butanone (MEK)	ND	20	µg/L	1	V-05	SW-846 8260D	5/23/25	5/23/25 15:15	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
Carbon Disulfide	ND	5.0	µg/L	1	V-05	SW-846 8260D	5/23/25	5/23/25 15:15	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
Chlorobenzene	2.4	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	5/23/25	5/23/25 15:15	LBD
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	5/23/25	5/23/25 15:15	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD

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: 25E1817

Date Received: 5/22/2025

Field Sample #: MW6E-CP-00-052025

Sampled: 5/21/2025 12:00

Sample ID: 25E1817-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:15	LBD
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		82.0		70-130				5/23/25 15:15	
Toluene-d8		94.2		70-130				5/23/25 15:15	
4-Bromofluorobenzene		99.5		70-130				5/23/25 15:15	

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: 25E1817

Date Received: 5/22/2025

Field Sample #: MW6F-CP-00-052025

Sampled: 5/21/2025 12:30

Sample ID: 25E1817-07

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	140	50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
2-Butanone (MEK)	ND	20	µg/L	1	V-05	SW-846 8260D	5/23/25	5/23/25 15:41	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
Carbon Disulfide	ND	5.0	µg/L	1	V-05	SW-846 8260D	5/23/25	5/23/25 15:41	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	5/23/25	5/23/25 15:41	LBD
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	5/23/25	5/23/25 15:41	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD

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: 25E1817

Date Received: 5/22/2025

Field Sample #: MW6F-CP-00-052025

Sampled: 5/21/2025 12:30

Sample ID: 25E1817-07

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	5/23/25	5/23/25 15:41	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 15:41	LBD
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		82.4		70-130				5/23/25 15:41	
Toluene-d8		94.2		70-130				5/23/25 15:41	
4-Bromofluorobenzene		99.1		70-130				5/23/25 15:41	

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: 25E1817

Date Received: 5/22/2025

Field Sample #: MW8A-CP-00-052025

Sampled: 5/21/2025 13:15

Sample ID: 25E1817-08

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	530	50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
2-Butanone (MEK)	ND	20	µg/L	1	V-05	SW-846 8260D	5/23/25	5/23/25 16:07	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
Carbon Disulfide	ND	5.0	µg/L	1	V-05	SW-846 8260D	5/23/25	5/23/25 16:07	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	5/23/25	5/23/25 16:07	LBD
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	5/23/25	5/23/25 16:07	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD

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: 25E1817

Date Received: 5/22/2025

Field Sample #: MW8A-CP-00-052025

Sampled: 5/21/2025 13:15

Sample ID: 25E1817-08

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	5/23/25	5/23/25 16:07	LBD
Tetrachloroethylene	7.0	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:07	LBD
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		82.0	70-130				5/23/25	16:07	
Toluene-d8		92.4	70-130				5/23/25	16:07	
4-Bromofluorobenzene		99.2	70-130				5/23/25	16:07	

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: 25E1817

Date Received: 5/22/2025

Field Sample #: MW8B-CP-00-052025

Sampled: 5/21/2025 13:45

Sample ID: 25E1817-09

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	1000	50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
2-Butanone (MEK)	ND	20	µg/L	1	V-05	SW-846 8260D	5/23/25	5/23/25 16:33	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
Carbon Disulfide	ND	5.0	µg/L	1	V-05	SW-846 8260D	5/23/25	5/23/25 16:33	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	5/23/25	5/23/25 16:33	LBD
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	5/23/25	5/23/25 16:33	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD

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: 25E1817

Date Received: 5/22/2025

Field Sample #: MW8B-CP-00-052025

Sampled: 5/21/2025 13:45

Sample ID: 25E1817-09

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	5/23/25	5/23/25 16:33	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:33	LBD
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		81.0	70-130				5/23/25	16:33	
Toluene-d8		93.6	70-130				5/23/25	16:33	
4-Bromofluorobenzene		101	70-130				5/23/25	16:33	

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: 25E1817

Date Received: 5/22/2025

Field Sample #: MW9B-CP-00-052025

Sampled: 5/20/2025 13:30

Sample ID: 25E1817-10

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	73	50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
2-Butanone (MEK)	ND	20	µg/L	1	V-05	SW-846 8260D	5/23/25	5/23/25 16:59	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
Carbon Disulfide	ND	5.0	µg/L	1	V-05	SW-846 8260D	5/23/25	5/23/25 16:59	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	5/23/25	5/23/25 16:59	LBD
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	5/23/25	5/23/25 16:59	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD

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: 25E1817

Date Received: 5/22/2025

Field Sample #: MW9B-CP-00-052025

Sampled: 5/20/2025 13:30

Sample ID: 25E1817-10

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	5/23/25	5/23/25 16:59	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 16:59	LBD
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		81.7		70-130				5/23/25 16:59	
Toluene-d8		94.6		70-130				5/23/25 16:59	
4-Bromofluorobenzene		101		70-130				5/23/25 16:59	

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: 25E1817

Date Received: 5/22/2025

Field Sample #: MW9C-CP-00-052025

Sampled: 5/20/2025 13:55

Sample ID: 25E1817-11

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	66	50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
2-Butanone (MEK)	ND	20	µg/L	1	V-05	SW-846 8260D	5/23/25	5/23/25 17:25	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
Carbon Disulfide	ND	5.0	µg/L	1	V-05	SW-846 8260D	5/23/25	5/23/25 17:25	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	5/23/25	5/23/25 17:25	LBD
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	5/23/25	5/23/25 17:25	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD

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: 25E1817

Date Received: 5/22/2025

Field Sample #: MW9C-CP-00-052025

Sampled: 5/20/2025 13:55

Sample ID: 25E1817-11

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	5/23/25	5/23/25 17:25	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	5/23/25	5/23/25 17:25	LBD
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		81.6		70-130				5/23/25 17:25	
Toluene-d8		93.5		70-130				5/23/25 17:25	
4-Bromofluorobenzene		99.4		70-130				5/23/25 17:25	

Sample Extraction Data

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
25E1817-01 [LF1-CP-00-052025]	B405789	5	5.00	05/23/25
25E1817-02 [OBS1-CP-00-052025]	B405789	5	5.00	05/23/25
25E1817-03 [MW5B-CP-00-052025]	B405789	5	5.00	05/23/25
25E1817-04 [MW6B-CP-00-052025]	B405789	5	5.00	05/23/25
25E1817-05 [MW6C-CP-00-052025]	B405789	5	5.00	05/23/25
25E1817-06 [MW6E-CP-00-052025]	B405789	5	5.00	05/23/25
25E1817-07 [MW6F-CP-00-052025]	B405789	5	5.00	05/23/25
25E1817-08 [MW8A-CP-00-052025]	B405789	5	5.00	05/23/25
25E1817-09 [MW8B-CP-00-052025]	B405789	5	5.00	05/23/25
25E1817-10 [MW9B-CP-00-052025]	B405789	5	5.00	05/23/25
25E1817-11 [MW9C-CP-00-052025]	B405789	5	5.00	05/23/25

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 B405789 - SW-846 5030B

Blank (B405789-BLK1)

Prepared & Analyzed: 05/23/25

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

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 B405789 - SW-846 5030B

Blank (B405789-BLK1)

Prepared & Analyzed: 05/23/25

Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,2,3-Trichloropropane	ND	2.0	µg/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L							
1,2,4-Trimethylbenzene	ND	1.0	µg/L							
1,3,5-Trimethylbenzene	ND	1.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	1.0	µg/L							
Xylenes (total)	ND	1.0	µg/L							

Surrogate: 1,2-Dichloroethane-d4	20.6		µg/L	25.00		82.3	70-130			
Surrogate: Toluene-d8	23.5		µg/L	25.00		93.9	70-130			
Surrogate: 4-Bromofluorobenzene	25.2		µg/L	25.00		101	70-130			

LCS (B405789-BS1)

Prepared & Analyzed: 05/23/25

Acetone	90.3	50	µg/L	100.0		90.3	70-160			†
Benzene	8.88	1.0	µg/L	10.00		88.8	70-130			
Bromochloromethane	10.3	1.0	µg/L	10.00		103	70-130			
Bromodichloromethane	9.31	0.50	µg/L	10.00		93.1	70-130			
Bromoform	10.2	1.0	µg/L	10.00		102	70-130			
Bromomethane	9.92	2.0	µg/L	10.00		99.2	40-160			†
2-Butanone (MEK)	82.4	20	µg/L	100.0		82.4	40-160		V-05	†
n-Butylbenzene	9.52	1.0	µg/L	10.00		95.2	70-130			
sec-Butylbenzene	9.50	1.0	µg/L	10.00		95.0	70-130			
tert-Butylbenzene	10.4	1.0	µg/L	10.00		104	70-130			
Carbon Disulfide	80.8	5.0	µg/L	100.0		80.8	70-130		V-05	
Carbon Tetrachloride	8.89	5.0	µg/L	10.00		88.9	70-130			
Chlorobenzene	11.8	1.0	µg/L	10.00		118	70-130			
Chlorodibromomethane	9.76	0.50	µg/L	10.00		97.6	70-130			
Chloroethane	9.22	2.0	µg/L	10.00		92.2	70-130			
Chloroform	8.88	2.0	µg/L	10.00		88.8	70-130			
Chloromethane	8.18	2.0	µg/L	10.00		81.8	40-160		V-05	†
Cyclohexane	9.03	5.0	µg/L	10.00		90.3	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	8.09	5.0	µg/L	10.00		80.9	70-130		V-05	
1,2-Dibromoethane (EDB)	10.6	0.50	µg/L	10.00		106	70-130			
1,2-Dichlorobenzene	10.9	1.0	µg/L	10.00		109	70-130			
1,3-Dichlorobenzene	10.9	1.0	µg/L	10.00		109	70-130			
1,4-Dichlorobenzene	10.8	1.0	µg/L	10.00		108	70-130			
Dichlorodifluoromethane (Freon 12)	10.1	2.0	µg/L	10.00		101	40-160			†
1,1-Dichloroethane	8.89	1.0	µg/L	10.00		88.9	70-130			
1,2-Dichloroethane	9.55	1.0	µg/L	10.00		95.5	70-130			
1,1-Dichloroethylene	9.94	1.0	µg/L	10.00		99.4	70-130			
cis-1,2-Dichloroethylene	9.16	1.0	µg/L	10.00		91.6	70-130			
trans-1,2-Dichloroethylene	9.15	1.0	µg/L	10.00		91.5	70-130			
1,2-Dichloropropane	9.69	1.0	µg/L	10.00		96.9	70-130			
cis-1,3-Dichloropropene	9.21	0.50	µg/L	10.00		92.1	70-130			
trans-1,3-Dichloropropene	8.82	0.50	µg/L	10.00		88.2	70-130			
Ethylbenzene	10.8	1.0	µg/L	10.00		108	70-130			
2-Hexanone (MBK)	86.4	10	µg/L	100.0		86.4	70-160			†
Isopropylbenzene (Cumene)	11.1	1.0	µg/L	10.00		111	70-130			
p-Isopropyltoluene (p-Cymene)	10.2	1.0	µg/L	10.00		102	70-130			
Methyl Acetate	9.75	1.0	µg/L	10.00		97.5	70-130			
Methyl tert-Butyl Ether (MTBE)	8.92	1.0	µg/L	10.00		89.2	70-130			

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 B405789 - SW-846 5030B										
LCS (B405789-BS1)										
Prepared & Analyzed: 05/23/25										
Methyl Cyclohexane	9.93	1.0	µg/L	10.00		99.3	70-130			
Methylene Chloride	9.19	5.0	µg/L	10.00		91.9	70-130			
4-Methyl-2-pentanone (MIBK)	89.3	10	µg/L	100.0		89.3	70-160			†
Naphthalene	8.71	2.0	µg/L	10.00		87.1	40-130			†
n-Propylbenzene	10.8	1.0	µg/L	10.00		108	70-130			
Styrene	11.4	1.0	µg/L	10.00		114	70-130			
1,1,2,2-Tetrachloroethane	10.8	0.50	µg/L	10.00		108	70-130			
Tetrachloroethylene	11.5	1.0	µg/L	10.00		115	70-130			
Toluene	9.64	1.0	µg/L	10.00		96.4	70-130			
1,2,3-Trichlorobenzene	9.53	5.0	µg/L	10.00		95.3	70-130			
1,2,4-Trichlorobenzene	10.4	1.0	µg/L	10.00		104	70-130			
1,1,1-Trichloroethane	9.13	1.0	µg/L	10.00		91.3	70-130			
1,1,2-Trichloroethane	10.2	1.0	µg/L	10.00		102	70-130			
Trichloroethylene	10.4	1.0	µg/L	10.00		104	70-130			
Trichlorofluoromethane (Freon 11)	10.3	2.0	µg/L	10.00		103	70-130			
1,2,3-Trichloropropane	12.4	2.0	µg/L	10.00		124	70-130			V-20
1,1,1,2-Tetrafluoroethane (Freon 113)	10.1	1.0	µg/L	10.00		101	70-130			
1,2,4-Trimethylbenzene	10.1	1.0	µg/L	10.00		101	70-130			
1,3,5-Trimethylbenzene	11.3	1.0	µg/L	10.00		113	70-130			
Vinyl Chloride	9.28	2.0	µg/L	10.00		92.8	40-160			†
m+p Xylene	21.8	2.0	µg/L	20.00		109	70-130			
o-Xylene	10.8	1.0	µg/L	10.00		108	70-130			
Xylenes (total)	32.6	1.0	µg/L	30.00		109	0-200			
Surrogate: 1,2-Dichloroethane-d4	20.4		µg/L	25.00		81.8	70-130			
Surrogate: Toluene-d8	23.6		µg/L	25.00		94.6	70-130			
Surrogate: 4-Bromofluorobenzene	29.2		µg/L	25.00		117	70-130			
LCS Dup (B405789-BS1)										
Prepared & Analyzed: 05/23/25										
Acetone	90.5	50	µg/L	100.0		90.5	70-160	0.221	25	†
Benzene	8.98	1.0	µg/L	10.00		89.8	70-130	1.12	25	
Bromochloromethane	10.0	1.0	µg/L	10.00		100	70-130	2.55	25	
Bromodichloromethane	9.30	0.50	µg/L	10.00		93.0	70-130	0.107	25	
Bromoform	10.0	1.0	µg/L	10.00		100	70-130	1.48	25	
Bromomethane	8.62	2.0	µg/L	10.00		86.2	40-160	14.0	25	†
2-Butanone (MEK)	80.3	20	µg/L	100.0		80.3	40-160	2.61	25	V-05 †
n-Butylbenzene	9.57	1.0	µg/L	10.00		95.7	70-130	0.524	25	
sec-Butylbenzene	9.44	1.0	µg/L	10.00		94.4	70-130	0.634	25	
tert-Butylbenzene	10.4	1.0	µg/L	10.00		104	70-130	0.192	25	
Carbon Disulfide	82.1	5.0	µg/L	100.0		82.1	70-130	1.63	25	V-05
Carbon Tetrachloride	8.86	5.0	µg/L	10.00		88.6	70-130	0.338	25	
Chlorobenzene	11.7	1.0	µg/L	10.00		117	70-130	0.256	25	
Chlorodibromomethane	9.70	0.50	µg/L	10.00		97.0	70-130	0.617	25	
Chloroethane	9.81	2.0	µg/L	10.00		98.1	70-130	6.20	25	
Chloroform	9.14	2.0	µg/L	10.00		91.4	70-130	2.89	25	
Chloromethane	8.29	2.0	µg/L	10.00		82.9	40-160	1.34	25	V-05 †
Cyclohexane	9.24	5.0	µg/L	10.00		92.4	70-130	2.30	25	
1,2-Dibromo-3-chloropropane (DBCP)	7.81	5.0	µg/L	10.00		78.1	70-130	3.52	25	V-05
1,2-Dibromoethane (EDB)	10.1	0.50	µg/L	10.00		101	70-130	4.53	25	
1,2-Dichlorobenzene	10.9	1.0	µg/L	10.00		109	70-130	0.368	25	
1,3-Dichlorobenzene	10.9	1.0	µg/L	10.00		109	70-130	0.0915	25	
1,4-Dichlorobenzene	10.6	1.0	µg/L	10.00		106	70-130	1.96	25	
Dichlorodifluoromethane (Freon 12)	10.4	2.0	µg/L	10.00		104	40-160	3.01	25	†

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 B405789 - SW-846 5030B										
LCS Dup (B405789-BSD1)										
Prepared & Analyzed: 05/23/25										
1,1-Dichloroethane	8.97	1.0	µg/L	10.00		89.7	70-130	0.896	25	
1,2-Dichloroethane	10.3	1.0	µg/L	10.00		103	70-130	7.36	25	
1,1-Dichloroethylene	10.2	1.0	µg/L	10.00		102	70-130	2.78	25	
cis-1,2-Dichloroethylene	9.56	1.0	µg/L	10.00		95.6	70-130	4.27	25	
trans-1,2-Dichloroethylene	9.22	1.0	µg/L	10.00		92.2	70-130	0.762	25	
1,2-Dichloropropane	9.61	1.0	µg/L	10.00		96.1	70-130	0.829	25	
cis-1,3-Dichloropropene	9.18	0.50	µg/L	10.00		91.8	70-130	0.326	25	
trans-1,3-Dichloropropene	8.92	0.50	µg/L	10.00		89.2	70-130	1.13	25	
Ethylbenzene	10.9	1.0	µg/L	10.00		109	70-130	1.10	25	
2-Hexanone (MBK)	84.6	10	µg/L	100.0		84.6	70-160	2.15	25	†
Isopropylbenzene (Cumene)	11.2	1.0	µg/L	10.00		112	70-130	0.989	25	
p-Isopropyltoluene (p-Cymene)	10.3	1.0	µg/L	10.00		103	70-130	0.293	25	
Methyl Acetate	9.18	1.0	µg/L	10.00		91.8	70-130	6.02	25	
Methyl tert-Butyl Ether (MTBE)	8.85	1.0	µg/L	10.00		88.5	70-130	0.788	25	
Methyl Cyclohexane	10.0	1.0	µg/L	10.00		100	70-130	1.10	25	
Methylene Chloride	9.30	5.0	µg/L	10.00		93.0	70-130	1.19	25	
4-Methyl-2-pentanone (MIBK)	86.8	10	µg/L	100.0		86.8	70-160	2.85	25	†
Naphthalene	8.43	2.0	µg/L	10.00		84.3	40-130	3.27	25	†
n-Propylbenzene	10.9	1.0	µg/L	10.00		109	70-130	0.184	25	
Styrene	11.5	1.0	µg/L	10.00		115	70-130	0.175	25	
1,1,2,2-Tetrachloroethane	10.4	0.50	µg/L	10.00		104	70-130	3.86	25	
Tetrachloroethylene	11.8	1.0	µg/L	10.00		118	70-130	2.92	25	
Toluene	9.86	1.0	µg/L	10.00		98.6	70-130	2.26	25	
1,2,3-Trichlorobenzene	9.33	5.0	µg/L	10.00		93.3	70-130	2.12	25	
1,2,4-Trichlorobenzene	10.2	1.0	µg/L	10.00		102	70-130	1.66	25	
1,1,1-Trichloroethane	9.32	1.0	µg/L	10.00		93.2	70-130	2.06	25	
1,1,2-Trichloroethane	10.3	1.0	µg/L	10.00		103	70-130	1.17	25	
Trichloroethylene	10.8	1.0	µg/L	10.00		108	70-130	4.62	25	
Trichlorofluoromethane (Freon 11)	10.0	2.0	µg/L	10.00		100	70-130	3.05	25	
1,2,3-Trichloropropane	12.0	2.0	µg/L	10.00		120	70-130	3.21	25	V-20
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1	1.0	µg/L	10.00		101	70-130	0.396	25	
1,2,4-Trimethylbenzene	9.92	1.0	µg/L	10.00		99.2	70-130	1.50	25	
1,3,5-Trimethylbenzene	11.4	1.0	µg/L	10.00		114	70-130	0.528	25	
Vinyl Chloride	9.52	2.0	µg/L	10.00		95.2	40-160	2.55	25	†
m+p Xylene	21.9	2.0	µg/L	20.00		110	70-130	0.548	25	
o-Xylene	11.0	1.0	µg/L	10.00		110	70-130	1.19	25	
Xylenes (total)	32.9	1.0	µg/L	30.00		110	0-200	0.763		
Surrogate: 1,2-Dichloroethane-d4	20.6		µg/L	25.00		82.3	70-130			
Surrogate: Toluene-d8	23.7		µg/L	25.00		95.0	70-130			
Surrogate: 4-Bromofluorobenzene	29.3		µg/L	25.00		117	70-130			

FLAG/QUALIFIER SUMMARY

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

CERTIFICATIONS

Certified Analyses included in this Report

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

CERTIFICATIONS

Certified Analyses included in this Report

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

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

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

Chain of Custody / Analysis Report										Page 1 of 1
Sampler(s): Brian J. Dunn <i>Brian Dunn</i>		Laboratory: Pace Analytical Services 39 Spruce St, East Longmeadow, MA 01028		Holding Time: Package Requirement: Level 2 and Level 3 EDD Format: EQUIS 4-file		Number of Containers Field Filtered? (Y / N)		Analysis Required		Laboratory Use Only Project Number:
Contact: Michael G. Grifasi 333 West Washington Street Syracuse, New York 13221-4873 Phone: (315) 956-6100 E-mail: michael.grifasi@ramboll.com		Attn: Kyle Murray Phone: 413-525-2332		Sample Identification		Grab [G] or Composite [C]		Job Number:		Laboratory ID:
Location: Old Bethpage, New York		Sample Location		Sample Type (See Key)		Sample Matrix (See Key)		Lab Sample ID:		Preservatives: (see key at bottom)
Unique Field Sample ID (sys_sample_code)	Sample Location	Date	Time	Sample Type (See Key)	Sample Matrix (See Key)	Grab [G] or Composite [C]	Field Filtered? (Y / N)	Analysis Required		Lab Sample ID:
1 LF1-CP-00-052025	LF-1	5/20/2025	1500	N	WG	2 G	N			
2 OBS1-CP-00-052025	OBS-1	5/20/2025	1300	N	WG	2 G	N			
3 MW5B-CP-00-052025	MW-05B	5/20/2025	1425	N	WG	2 G	N			
4 MW6B-CP-00-052125	MW-06B	5/21/2025	1100	N	WG	2 G	N			
5 MW6C-CP-00-052125	MW-06C	5/21/2025	1130	N	WG	2 G	N			
6 MW6E-CP-00-052125	MW-06E	5/21/2025	1300	N	WG	2 G	N			
7 MW6F-CP-00-052125	MW-06F	5/21/2025	1230	N	WG	2 G	N			
8 MW8A-CP-00-052125	MW-08A	5/21/2025	1315	N	WG	2 G	N			
9 MW8B-CP-00-052125	MW-08B	5/21/2025	1345	N	WG	2 G	N			
10 MW9B-CP-00-052025	MW-09B	5/20/2025	1330	N	WG	2 G	N			
11 MW9C-CP-00-052025	MW-09C	5/20/2025	1355	N	WG	2 G	N			
12										
13										
14										

Special Instructions:

Use the following boxes if the samples are to be shipped via courier (e.g., FedEx)

Relinquished by: *Brian Dunn* Date: 5/21/25
 Brian J. Dunn
 GES

Of: *M. Pace LI Rec* Date: 5/21/25
 M. Pace LI Rec
 GES

Relinquished by: *M. Pace LI Rec* Date: 5/21/25
 M. Pace LI Rec
 GES

Carrier Name: *MO A Pace* Date: 5/21/25
 Tracking #: *18151* Time: 18:51

Courier Name: *VenueLab* Date: 5/21/25
 Tracking #: *18151* Time: 18:51

Received By: *Pace LI* Date: 5/21/25
 Of: *Pace LI* Time: 18:51

Other comments or notes regarding condition of samples as received:


Condition: *0.3*

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

Cooler Temperature: *0.3*

N = Normal env. sample, EB = field duplicate, TB = Trip Blank, MS = Lab Matrix Spike, Other (Specify): FRB = Field Reagent Blank
 SE = Sediment, SO = Soil, WG = Groundwater, WQ = Water Quality, WS = Surface Water, WW = Waste Water, WP = Potable Water, AA = Ambient Air, Other (Specify):
 Invasive Code: 0 = none, 1 = HCL, 2 = HNO₃, 3 = H₂SO₄, 4 = NaOH, 5 = Zn Acetate, 6 = MeOH, 7 = NiHSD₄, 8 = Na₂PO₄, 9 = BenzalkoniumCl, 10 = other

m. pace
0215
0215
0215
 Confidential

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

Log In Back-Sheet

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

Client Dumbell

Project Measurement PON Site 2025 Q2 Sampling

MCP/ROP Required NA

Deliverable Package Requirement NA

Location Old Bethpage New York

PWSID# (When Applicable) NA

Arrival Method:

Courier Fed Ex Walk In Other

Received By / Date / Time LA 5/22/25 2:15

Back-Sheet By / Date / Time LA 5/22/25 4:32

Temperature Method gm #6

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

Temp < 6° C Actual Temperature 3.3

Rush Samples: Yes / No Notify

Short Hold: Yes / No Notify

	True	False
Received on Ice	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Received in Cooler	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Custody Seal: DATE TIME	<input type="checkbox"/>	<input checked="" type="checkbox"/>
COC Relinquished	<input checked="" type="checkbox"/>	<input type="checkbox"/>
COC/Samples Labels Agree	<input checked="" type="checkbox"/>	<input type="checkbox"/>
All Samples in Good Condition	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Samples Received within Holding Time	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is there enough Volume	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Proper Media/Container Used	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Splitting Samples Required	<input type="checkbox"/>	<input checked="" type="checkbox"/>
MS/MSD	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Trip Blanks	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Lab to Filters	<input type="checkbox"/>	<input checked="" type="checkbox"/>
COC Legible	<input checked="" type="checkbox"/>	<input type="checkbox"/>
COC Included: (Check all included)		
Client <input checked="" type="checkbox"/>	Analysis <input checked="" type="checkbox"/>	Sampler Name <input type="checkbox"/>
Project <input checked="" type="checkbox"/>	IDs <input checked="" type="checkbox"/>	Collection Date/Time <input checked="" type="checkbox"/>
All Samples Proper pH: <u>N/A</u>	<input type="checkbox"/>	<input type="checkbox"/>

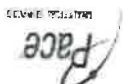
Notes regarding Samples/COC outside of SOP:

Labels CSU

Additional Container Notes

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

Sample	Soils Jars (Circle Amb/Clear)				Ambers				Plastics						VOA Vials				Other / Fill in										
	16oz Amb/Clear	8oz Amb/Clear	4oz Amb/Clear	2oz Amb/Clear	1 Liter	250ml	100ml	100ml	1 Liter	500ml	250ml				Unpreserved	HCl	MeOH	D.I. Water	Bisulfate	Col/Bact									
1																													
2																													
3																													
4																													
5																													
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20																													



DC#_Title: ENV-FRM-ELON-0001 v08_Sample Receiving Checklist

Effective Date: 06/11/2024

June 27, 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: 25F0487

Enclosed are results of analyses for samples as received by the laboratory on June 6, 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	6
25F0487-01	6
25F0487-02	8
25F0487-03	13
25F0487-04	18
25F0487-05	23
25F0487-06	25
25F0487-07	30
25F0487-08	35
25F0487-09	40
Sample Preparation Information	45
QC Data	46
Volatile Organic Compounds by GC/MS	46
B406916	46
1,4-Dioxane by isotope dilution GC/MS	50
B407022	50
Semivolatile Organic Compounds by - LC/MS-MS	51
B407629	51
B408000	55
Flag/Qualifier Summary	60
Certifications	61
Chain of Custody/Sample Receipt	64



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: 6/27/2025

PURCHASE ORDER NUMBER: 151811

PROJECT NUMBER: 130015

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 25F0487

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-CP-QC-20250605	25F0487-01	Trip Blank Water		SW-846 8260D	
MW-CPC-39-24-374-20250603-0	25F0487-02	Ground Water		EPA 1633A SW-846 8260D SW-846 8270E	
MW-CPC-40-24-312-20250604-0	25F0487-03	Ground Water		EPA 1633A SW-846 8260D SW-846 8270E	
MW-CPC-40-24-312-20250604-1	25F0487-04	Ground Water		EPA 1633A SW-846 8260D SW-846 8270E	
MW-CPC-40-24-312-20250604-2	25F0487-05	Equipment Blank Water		EPA 1633A	
MW-CPC-36-24-251-20250604-0	25F0487-06	Ground Water		EPA 1633A SW-846 8260D SW-846 8270E	
MW-CPC-37-24-445-20250604-0	25F0487-07	Ground Water		EPA 1633A SW-846 8260D SW-846 8270E	
MW-CPC-38-24-391-20250604-0	25F0487-08	Ground Water		EPA 1633A SW-846 8260D SW-846 8270E	
MW-CPC-41-24-258-20250605-0	25F0487-09	Ground Water		EPA 1633A SW-846 8260D SW-846 8270E	

CASE NARRATIVE SUMMARY

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

EPA 1633A

Qualifications:

L-03

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

Analyte & Samples(s) Qualified:

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

25F0487-02RE1[MW-CPC-39-24-374-20250603-0], 25F0487-03[MW-CPC-40-24-312-20250604-0], 25F0487-04[MW-CPC-40-24-312-20250604-1], 25F0487-05[MW-CPC-40-24-312-20250604-2], 25F0487-06[MW-CPC-36-24-251-20250604-0], 25F0487-07[MW-CPC-37-24-445-20250604-0], 25F0487-08[MW-CPC-38-24-391-20250604-0], 25F0487-09[MW-CPC-41-24-258-20250605-0], B407629-BLK1, B407629-MRL1, B408000-BLK1, B408000-MRL1

PF-17

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

Analyte & Samples(s) Qualified:

13C2-4:2FTS

S123133-CCB1

13C2-6:2FTS

S123133-CCB1

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

S123133-CCB1

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

S123133-CCB1

SW-846 8260D

Qualifications:

V-05

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

Analyte & Samples(s) Qualified:

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

25F0487-01[TB-CP-QC-20250605], 25F0487-02[MW-CPC-39-24-374-20250603-0], 25F0487-03[MW-CPC-40-24-312-20250604-0], 25F0487-04[MW-CPC-40-24-312-20250604-1], 25F0487-06[MW-CPC-36-24-251-20250604-0], 25F0487-07[MW-CPC-37-24-445-20250604-0], 25F0487-08[MW-CPC-38-24-391-20250604-0], 25F0487-09[MW-CPC-41-24-258-20250605-0], B406916-BLK1, B406916-BS1, B406916-BSD1, S122480-CCV1

Bromomethane

25F0487-01[TB-CP-QC-20250605], 25F0487-02[MW-CPC-39-24-374-20250603-0], 25F0487-03[MW-CPC-40-24-312-20250604-0], 25F0487-04[MW-CPC-40-24-312-20250604-1], 25F0487-06[MW-CPC-36-24-251-20250604-0], 25F0487-07[MW-CPC-37-24-445-20250604-0], 25F0487-08[MW-CPC-38-24-391-20250604-0], 25F0487-09[MW-CPC-41-24-258-20250605-0], B406916-BLK1, B406916-BS1, B406916-BSD1, S122480-CCV1

V-20

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

Analyte & Samples(s) Qualified:

1,2,3-Trichloropropane

S122480-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 set against 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: 25F0487

Date Received: 6/6/2025

Field Sample #: TB-CP-QC-20250605

Sampled: 6/5/2025 10:00

Sample ID: 25F0487-01

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	6/9/25	6/10/25 11:18	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	6/9/25	6/10/25 11:18	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	6/9/25	6/10/25 11:18	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD

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: 25F0487

Date Received: 6/6/2025

Field Sample #: TB-CP-QC-20250605

Sampled: 6/5/2025 10:00

Sample ID: 25F0487-01

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	6/9/25	6/10/25 11:18	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 11:18	LBD
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		86.4	70-130					6/10/25 11:18	
Toluene-d8		92.9	70-130					6/10/25 11:18	
4-Bromofluorobenzene		101	70-130					6/10/25 11:18	

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: 25F0487

Date Received: 6/6/2025

Field Sample #: MW-CPC-39-24-374-20250603-0

Sampled: 6/3/2025 16:40

Sample ID: 25F0487-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	6/9/25	6/10/25 12:10	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	6/9/25	6/10/25 12:10	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD

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: 25F0487

Date Received: 6/6/2025

Field Sample #: MW-CPC-39-24-374-20250603-0

Sampled: 6/3/2025 16:40

Sample ID: 25F0487-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:10	LBD
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		86.5	70-130					6/10/25 12:10	
Toluene-d8		94.5	70-130					6/10/25 12:10	
4-Bromofluorobenzene		102	70-130					6/10/25 12:10	

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: 25F0487

Date Received: 6/6/2025

Field Sample #: MW-CPC-39-24-374-20250603-0

Sampled: 6/3/2025 16:40

Sample ID: 25F0487-02

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	ND	0.19	µg/L	1		SW-846 8270E	6/10/25	6/12/25 22:37	GJB
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
1,4-Dioxane-d8	28.6		15-110					6/12/25 22:37	

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: 25F0487

Date Received: 6/6/2025

Field Sample #: MW-CPC-39-24-374-20250603-0

Sampled: 6/3/2025 16:40

Sample ID: 25F0487-02

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)	ND	6.3	ng/L	1		EPA 1633A	6/26/25	6/27/25 11:24	CML
Perfluoropentanoic acid (PFPeA)	ND	3.2	ng/L	1		EPA 1633A	6/26/25	6/27/25 11:24	CML
Perfluorohexanoic acid (PFHxA)	ND	1.6	ng/L	1		EPA 1633A	6/26/25	6/27/25 11:24	CML
Perfluoroheptanoic acid (PFHpA)	ND	1.6	ng/L	1		EPA 1633A	6/26/25	6/27/25 11:24	CML
Perfluorooctanoic acid (PFOA)	3.6	1.6	ng/L	1		EPA 1633A	6/26/25	6/27/25 11:24	CML
Perfluorononanoic acid (PFNA)	ND	1.6	ng/L	1		EPA 1633A	6/26/25	6/27/25 11:24	CML
Perfluorodecanoic acid (PFDA)	ND	1.6	ng/L	1		EPA 1633A	6/26/25	6/27/25 11:24	CML
Perfluoroundecanoic acid (PFUnA)	ND	1.6	ng/L	1		EPA 1633A	6/26/25	6/27/25 11:24	CML
Perfluorododecanoic acid (PFDoA)	ND	1.6	ng/L	1		EPA 1633A	6/26/25	6/27/25 11:24	CML
Perfluorotridecanoic acid (PFTrDA)	ND	1.6	ng/L	1		EPA 1633A	6/26/25	6/27/25 11:24	CML
Perfluorotetradecanoic acid (PFTeDA)	ND	1.6	ng/L	1		EPA 1633A	6/26/25	6/27/25 11:24	CML
Perfluorobutanesulfonic acid (PFBS)	ND	1.6	ng/L	1		EPA 1633A	6/26/25	6/27/25 11:24	CML
Perfluoropentanesulfonic acid (PFPeS)	ND	1.6	ng/L	1		EPA 1633A	6/26/25	6/27/25 11:24	CML
Perfluorohexanesulfonic acid (PFHxS)	ND	1.6	ng/L	1		EPA 1633A	6/26/25	6/27/25 11:24	CML
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.6	ng/L	1		EPA 1633A	6/26/25	6/27/25 11:24	CML
Perfluorooctanesulfonic acid (PFOS)	ND	1.6	ng/L	1		EPA 1633A	6/26/25	6/27/25 11:24	CML
Perfluorononanesulfonic acid (PFNS)	ND	1.6	ng/L	1		EPA 1633A	6/26/25	6/27/25 11:24	CML
Perfluorodecanesulfonic acid (PFDS)	ND	1.6	ng/L	1		EPA 1633A	6/26/25	6/27/25 11:24	CML
Perfluorododecanesulfonic acid (PFDoS)	ND	1.6	ng/L	1		EPA 1633A	6/26/25	6/27/25 11:24	CML
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	6.3	ng/L	1		EPA 1633A	6/26/25	6/27/25 11:24	CML
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	6.3	ng/L	1		EPA 1633A	6/26/25	6/27/25 11:24	CML
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	6.3	ng/L	1		EPA 1633A	6/26/25	6/27/25 11:24	CML
Perfluorooctanesulfonamide (PFOSA)	ND	1.6	ng/L	1		EPA 1633A	6/26/25	6/27/25 11:24	CML
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	1.6	ng/L	1		EPA 1633A	6/26/25	6/27/25 11:24	CML
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	1.6	ng/L	1		EPA 1633A	6/26/25	6/27/25 11:24	CML
N-MeFOSAA (NMeFOSAA)	ND	1.6	ng/L	1		EPA 1633A	6/26/25	6/27/25 11:24	CML
N-EtFOSAA (NEtFOSAA)	ND	1.6	ng/L	1		EPA 1633A	6/26/25	6/27/25 11:24	CML
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	16	ng/L	1		EPA 1633A	6/26/25	6/27/25 11:24	CML
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	16	ng/L	1		EPA 1633A	6/26/25	6/27/25 11:24	CML
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	6.3	ng/L	1		EPA 1633A	6/26/25	6/27/25 11:24	CML
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	ND	6.3	ng/L	1		EPA 1633A	6/26/25	6/27/25 11:24	CML
9Cl-PF3ONS (F53B Minor)	ND	6.3	ng/L	1		EPA 1633A	6/26/25	6/27/25 11:24	CML
11Cl-PF3OUdS (F53B Major)	ND	6.3	ng/L	1		EPA 1633A	6/26/25	6/27/25 11:24	CML
3-Perfluoropropyl propanoic acid (FPPrPA) (3:3FTCA)	ND	7.9	ng/L	1	L-03	EPA 1633A	6/26/25	6/27/25 11:24	CML
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	40	ng/L	1		EPA 1633A	6/26/25	6/27/25 11:24	CML
3-Perfluoroheptyl propanoic acid (FHPrPA) (7:3FTCA)	ND	40	ng/L	1		EPA 1633A	6/26/25	6/27/25 11:24	CML
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.2	ng/L	1		EPA 1633A	6/26/25	6/27/25 11:24	CML
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	3.2	ng/L	1		EPA 1633A	6/26/25	6/27/25 11:24	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: 25F0487

Date Received: 6/6/2025

Field Sample #: MW-CPC-39-24-374-20250603-0

Sampled: 6/3/2025 16:40

Sample ID: 25F0487-02

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	6/26/25	6/27/25 11:24	CML
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	3.2	ng/L	1		EPA 1633A	6/26/25	6/27/25 11:24	CML
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
13C4-PFBA	97.0	5-130			6/27/25 11:24				
13C5-PFPeA	95.1	40-130			6/27/25 11:24				
13C5-PFHxA	98.5	40-130			6/27/25 11:24				
13C4-PFHpA	103	40-130			6/27/25 11:24				
13C8-PFOA	94.8	40-130			6/27/25 11:24				
13C9-PFNA	88.6	40-130			6/27/25 11:24				
13C6-PFDA	81.1	40-130			6/27/25 11:24				
13C7-PFUnA	71.4	30-130			6/27/25 11:24				
13C2-PFD _o A	65.9	10-130			6/27/25 11:24				
13C2-PFTeDA	63.1	10-130			6/27/25 11:24				
13C3-PFBS	102	40-135			6/27/25 11:24				
13C3-PFHxS	89.4	40-130			6/27/25 11:24				
13C8-PFOS	93.0	40-130			6/27/25 11:24				
13C2-4:2FTS	108	40-200			6/27/25 11:24				
13C2-6:2FTS	103	40-200			6/27/25 11:24				
13C2-8:2FTS	93.6	40-300			6/27/25 11:24				
13C8-PFOSA	63.2	40-130			6/27/25 11:24				
D3-NMeFOSA	54.0	10-130			6/27/25 11:24				
D5-NEtFOSA	54.2	10-130			6/27/25 11:24				
D3-NMeFOSAA	67.6	40-170			6/27/25 11:24				
D5-NEtFOSAA	64.5	25-135			6/27/25 11:24				
D7-NMeFOSE	54.1	10-130			6/27/25 11:24				
D9-NEtFOSE	51.8	10-130			6/27/25 11:24				
13C3-HFPO-DA	101	40-130			6/27/25 11:24				

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: 25F0487

Date Received: 6/6/2025

Field Sample #: MW-CPC-40-24-312-20250604-0

Sampled: 6/4/2025 08:40

Sample ID: 25F0487-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	6/9/25	6/10/25 12:36	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	6/9/25	6/10/25 12:36	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
1,1-Dichloroethane	4.5	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
1,1-Dichloroethylene	1.4	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD

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: 25F0487

Date Received: 6/6/2025

Field Sample #: MW-CPC-40-24-312-20250604-0

Sampled: 6/4/2025 08:40

Sample ID: 25F0487-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
1,1,1-Trichloroethane	1.2	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
Trichloroethylene	2.0	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 12:36	LBD
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		86.6		70-130				6/10/25 12:36	
Toluene-d8		92.7		70-130				6/10/25 12:36	
4-Bromofluorobenzene		100		70-130				6/10/25 12:36	



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: 25F0487

Date Received: 6/6/2025

Field Sample #: MW-CPC-40-24-312-20250604-0

Sampled: 6/4/2025 08:40

Sample ID: 25F0487-03

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	2.4	0.19	µg/L	1		SW-846 8270E	6/10/25	6/12/25 22:57	GJB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,4-Dioxane-d8	29.0	15-110						6/12/25 22:57	

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: 25F0487

Date Received: 6/6/2025

Field Sample #: MW-CPC-40-24-312-20250604-0

Sampled: 6/4/2025 08:40

Sample ID: 25F0487-03

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)	ND	5.7	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:48	AB
Perfluoropentanoic acid (PFPeA)	ND	2.9	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:48	AB
Perfluorohexanoic acid (PFHxA)	ND	1.4	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:48	AB
Perfluoroheptanoic acid (PFHpA)	ND	1.4	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:48	AB
Perfluorooctanoic acid (PFOA)	ND	1.4	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:48	AB
Perfluorononanoic acid (PFNA)	ND	1.4	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:48	AB
Perfluorodecanoic acid (PFDA)	ND	1.4	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:48	AB
Perfluoroundecanoic acid (PFUnA)	ND	1.4	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:48	AB
Perfluorododecanoic acid (PFDoA)	ND	1.4	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:48	AB
Perfluorotridecanoic acid (PFTrDA)	ND	1.4	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:48	AB
Perfluorotetradecanoic acid (PFTeDA)	ND	1.4	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:48	AB
Perfluorobutanesulfonic acid (PFBS)	ND	1.4	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:48	AB
Perfluoropentanesulfonic acid (PFPeS)	ND	1.4	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:48	AB
Perfluorohexanesulfonic acid (PFHxS)	ND	1.4	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:48	AB
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.4	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:48	AB
Perfluorooctanesulfonic acid (PFOS)	ND	1.4	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:48	AB
Perfluorononanesulfonic acid (PFNS)	ND	1.4	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:48	AB
Perfluorodecanesulfonic acid (PFDS)	ND	1.4	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:48	AB
Perfluorododecanesulfonic acid (PFDoS)	ND	1.4	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:48	AB
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	5.7	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:48	AB
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	5.7	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:48	AB
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	5.7	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:48	AB
Perfluorooctanesulfonamide (PFOSA)	ND	1.4	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:48	AB
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	1.4	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:48	AB
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	1.4	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:48	AB
N-MeFOSAA (NMeFOSAA)	ND	1.4	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:48	AB
N-EtFOSAA (NEtFOSAA)	ND	1.4	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:48	AB
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	14	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:48	AB
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	14	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:48	AB
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	5.7	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:48	AB
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	ND	5.7	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:48	AB
9Cl-PF3ONS (F53B Minor)	ND	5.7	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:48	AB
11Cl-PF3OUdS (F53B Major)	ND	5.7	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:48	AB
3-Perfluoropropyl propanoic acid (FPPrPA) (3:3FTCA)	ND	7.2	ng/L	1	L-03	EPA 1633A	6/25/25	6/26/25 1:48	AB
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	36	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:48	AB
3-Perfluoroheptyl propanoic acid (FHPrPA) (7:3FTCA)	ND	36	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:48	AB
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.9	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:48	AB
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	2.9	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:48	AB

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: 25F0487

Date Received: 6/6/2025

Field Sample #: MW-CPC-40-24-312-20250604-0

Sampled: 6/4/2025 08:40

Sample ID: 25F0487-03

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	2.9	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:48	AB
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.9	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:48	AB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
13C4-PFBA	82.8	5-130			6/26/25 1:48				
13C5-PFPeA	81.1	40-130			6/26/25 1:48				
13C5-PFHxA	81.5	40-130			6/26/25 1:48				
13C4-PFHpA	78.6	40-130			6/26/25 1:48				
13C8-PFOA	79.9	40-130			6/26/25 1:48				
13C9-PFNA	74.3	40-130			6/26/25 1:48				
13C6-PFDA	72.6	40-130			6/26/25 1:48				
13C7-PFUnA	63.7	30-130			6/26/25 1:48				
13C2-PFDoA	62.6	10-130			6/26/25 1:48				
13C2-PFTeDA	56.7	10-130			6/26/25 1:48				
13C3-PFBS	84.9	40-135			6/26/25 1:48				
13C3-PFHxS	79.3	40-130			6/26/25 1:48				
13C8-PFOS	68.0	40-130			6/26/25 1:48				
13C2-4:2FTS	118	40-200			6/26/25 1:48				
13C2-6:2FTS	77.2	40-200			6/26/25 1:48				
13C2-8:2FTS	60.3	40-300			6/26/25 1:48				
13C8-PFOA	54.6	40-130			6/26/25 1:48				
D3-NMeFOSA	48.1	10-130			6/26/25 1:48				
D5-NEtFOSA	47.7	10-130			6/26/25 1:48				
D3-NMeFOSAA	56.4	40-170			6/26/25 1:48				
D5-NEtFOSAA	48.5	25-135			6/26/25 1:48				
D7-NMeFOSE	48.8	10-130			6/26/25 1:48				
D9-NEtFOSE	48.2	10-130			6/26/25 1:48				
13C3-HFPO-DA	79.0	40-130			6/26/25 1:48				

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: 25F0487

Date Received: 6/6/2025

Field Sample #: MW-CPC-40-24-312-20250604-1

Sampled: 6/4/2025 08:40

Sample ID: 25F0487-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	6/9/25	6/10/25 13:02	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	6/9/25	6/10/25 13:02	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
1,1-Dichloroethane	4.4	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
1,1-Dichloroethylene	1.5	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD

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: 25F0487

Date Received: 6/6/2025

Field Sample #: MW-CPC-40-24-312-20250604-1

Sampled: 6/4/2025 08:40

Sample ID: 25F0487-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
1,1,1-Trichloroethane	1.3	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
Trichloroethylene	2.1	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:02	LBD
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		86.6	70-130					6/10/25 13:02	
Toluene-d8		93.2	70-130					6/10/25 13:02	
4-Bromofluorobenzene		102	70-130					6/10/25 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: 25F0487

Date Received: 6/6/2025

Field Sample #: MW-CPC-40-24-312-20250604-1

Sampled: 6/4/2025 08:40

Sample ID: 25F0487-04

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	2.5	0.19	µg/L	1		SW-846 8270E	6/10/25	6/12/25 23:18	GJB
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
1,4-Dioxane-d8	28.1		15-110					6/12/25 23:18	

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: 25F0487

Date Received: 6/6/2025

Field Sample #: MW-CPC-40-24-312-20250604-1

Sampled: 6/4/2025 08:40

Sample ID: 25F0487-04

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	6/25/25	6/26/25 1:57	AB
Perfluoropentanoic acid (PFPeA)	ND	2.9	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:57	AB
Perfluorohexanoic acid (PFHxA)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:57	AB
Perfluoroheptanoic acid (PFHpA)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:57	AB
Perfluorooctanoic acid (PFOA)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:57	AB
Perfluorononanoic acid (PFNA)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:57	AB
Perfluorodecanoic acid (PFDA)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:57	AB
Perfluoroundecanoic acid (PFUnA)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:57	AB
Perfluorododecanoic acid (PFDoA)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:57	AB
Perfluorotridecanoic acid (PFTrDA)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:57	AB
Perfluorotetradecanoic acid (PFTeDA)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:57	AB
Perfluorobutanesulfonic acid (PFBS)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:57	AB
Perfluoropentanesulfonic acid (PFPeS)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:57	AB
Perfluorohexanesulfonic acid (PFHxS)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:57	AB
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:57	AB
Perfluorooctanesulfonic acid (PFOS)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:57	AB
Perfluorononanesulfonic acid (PFNS)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:57	AB
Perfluorodecanesulfonic acid (PFDS)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:57	AB
Perfluorododecanesulfonic acid (PFDoS)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:57	AB
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	5.9	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:57	AB
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	5.9	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:57	AB
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	5.9	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:57	AB
Perfluorooctanesulfonamide (PFOSA)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:57	AB
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:57	AB
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:57	AB
N-MeFOSAA (NMeFOSAA)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:57	AB
N-EtFOSAA (NEtFOSAA)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:57	AB
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	15	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:57	AB
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	15	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:57	AB
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	5.9	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:57	AB
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	ND	5.9	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:57	AB
9Cl-PF3ONS (F53B Minor)	ND	5.9	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:57	AB
11Cl-PF3OUdS (F53B Major)	ND	5.9	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:57	AB
3-Perfluoropropyl propanoic acid (FPPrPA) (3:3FTCA)	ND	7.4	ng/L	1	L-03	EPA 1633A	6/25/25	6/26/25 1:57	AB
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	37	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:57	AB
3-Perfluoroheptyl propanoic acid (FHPrPA) (7:3FTCA)	ND	37	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:57	AB
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.9	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:57	AB
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	2.9	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:57	AB

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: 25F0487

Date Received: 6/6/2025

Field Sample #: MW-CPC-40-24-312-20250604-1

Sampled: 6/4/2025 08:40

Sample ID: 25F0487-04

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	2.9	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:57	AB
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.9	ng/L	1		EPA 1633A	6/25/25	6/26/25 1:57	AB
Surrogates	% Recovery	Recovery Limits			Flag/Qual				
13C4-PFBA	82.3	5-130					6/26/25	1:57	
13C5-PFPeA	76.9	40-130					6/26/25	1:57	
13C5-PFHxA	81.9	40-130					6/26/25	1:57	
13C4-PFHpA	80.3	40-130					6/26/25	1:57	
13C8-PFOA	77.2	40-130					6/26/25	1:57	
13C9-PFNA	81.2	40-130					6/26/25	1:57	
13C6-PFDA	73.3	40-130					6/26/25	1:57	
13C7-PFUnA	72.6	30-130					6/26/25	1:57	
13C2-PFDoA	64.6	10-130					6/26/25	1:57	
13C2-PFTeDA	58.3	10-130					6/26/25	1:57	
13C3-PFBS	84.9	40-135					6/26/25	1:57	
13C3-PFHxS	79.2	40-130					6/26/25	1:57	
13C8-PFOS	67.1	40-130					6/26/25	1:57	
13C2-4:2FTS	92.1	40-200					6/26/25	1:57	
13C2-6:2FTS	67.4	40-200					6/26/25	1:57	
13C2-8:2FTS	63.2	40-300					6/26/25	1:57	
13C8-PFOA	62.2	40-130					6/26/25	1:57	
D3-NMeFOSA	61.7	10-130					6/26/25	1:57	
D5-NEtFOSA	58.7	10-130					6/26/25	1:57	
D3-NMeFOSAA	61.3	40-170					6/26/25	1:57	
D5-NEtFOSAA	57.6	25-135					6/26/25	1:57	
D7-NMeFOSE	59.9	10-130					6/26/25	1:57	
D9-NEtFOSE	57.6	10-130					6/26/25	1:57	
13C3-HFPO-DA	83.7	40-130					6/26/25	1:57	

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: 25F0487

Date Received: 6/6/2025

Field Sample #: MW-CPC-40-24-312-20250604-2

Sampled: 6/4/2025 10:00

Sample ID: 25F0487-05

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	6/25/25	6/26/25 2:07	AB
Perfluoropentanoic acid (PFPeA)	ND	3.0	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:07	AB
Perfluorohexanoic acid (PFHxA)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:07	AB
Perfluoroheptanoic acid (PFHpA)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:07	AB
Perfluorooctanoic acid (PFOA)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:07	AB
Perfluorononanoic acid (PFNA)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:07	AB
Perfluorodecanoic acid (PFDA)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:07	AB
Perfluoroundecanoic acid (PFUnA)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:07	AB
Perfluorododecanoic acid (PFDoA)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:07	AB
Perfluorotridecanoic acid (PFTrDA)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:07	AB
Perfluorotetradecanoic acid (PFTeDA)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:07	AB
Perfluorobutanesulfonic acid (PFBS)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:07	AB
Perfluoropentanesulfonic acid (PFPeS)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:07	AB
Perfluorohexanesulfonic acid (PFHxS)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:07	AB
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:07	AB
Perfluorooctanesulfonic acid (PFOS)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:07	AB
Perfluorononanesulfonic acid (PFNS)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:07	AB
Perfluorodecanesulfonic acid (PFDS)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:07	AB
Perfluorododecanesulfonic acid (PFDoS)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:07	AB
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	5.9	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:07	AB
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	5.9	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:07	AB
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	5.9	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:07	AB
Perfluorooctanesulfonamide (PFOSA)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:07	AB
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:07	AB
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:07	AB
N-MeFOSAA (NMeFOSAA)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:07	AB
N-EtFOSAA (NEtFOSAA)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:07	AB
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	15	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:07	AB
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	15	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:07	AB
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	5.9	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:07	AB
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	ND	5.9	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:07	AB
9Cl-PF3ONS (F53B Minor)	ND	5.9	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:07	AB
11Cl-PF3OUdS (F53B Major)	ND	5.9	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:07	AB
3-Perfluoropropyl propanoic acid (FPPrPA) (3:3FTCA)	ND	7.4	ng/L	1	L-03	EPA 1633A	6/25/25	6/26/25 2:07	AB
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	37	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:07	AB
3-Perfluoroheptyl propanoic acid (FHPrPA) (7:3FTCA)	ND	37	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:07	AB
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.0	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:07	AB
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	3.0	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:07	AB

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: 25F0487

Date Received: 6/6/2025

Field Sample #: MW-CPC-40-24-312-20250604-2

Sampled: 6/4/2025 10:00

Sample ID: 25F0487-05

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	6/25/25	6/26/25 2:07	AB
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	3.0	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:07	AB
Surrogates	% Recovery	Recovery Limits			Flag/Qual				
13C4-PFBA	78.5	5-130						6/26/25 2:07	
13C5-PFPeA	78.0	40-130						6/26/25 2:07	
13C5-PFHxA	79.2	40-130						6/26/25 2:07	
13C4-PFHpA	78.3	40-130						6/26/25 2:07	
13C8-PFOA	79.6	40-130						6/26/25 2:07	
13C9-PFNA	74.5	40-130						6/26/25 2:07	
13C6-PFDA	71.9	40-130						6/26/25 2:07	
13C7-PFUnA	72.7	30-130						6/26/25 2:07	
13C2-PFDoA	65.5	10-130						6/26/25 2:07	
13C2-PFTeDA	57.2	10-130						6/26/25 2:07	
13C3-PFBS	75.7	40-135						6/26/25 2:07	
13C3-PFHxS	74.6	40-130						6/26/25 2:07	
13C8-PFOS	74.4	40-130						6/26/25 2:07	
13C2-4:2FTS	75.0	40-200						6/26/25 2:07	
13C2-6:2FTS	77.5	40-200						6/26/25 2:07	
13C2-8:2FTS	75.0	40-300						6/26/25 2:07	
13C8-PFOSA	64.0	40-130						6/26/25 2:07	
D3-NMeFOSA	58.3	10-130						6/26/25 2:07	
D5-NEtFOSA	58.9	10-130						6/26/25 2:07	
D3-NMeFOSAA	72.7	40-170						6/26/25 2:07	
D5-NEtFOSAA	69.6	25-135						6/26/25 2:07	
D7-NMeFOSE	59.4	10-130						6/26/25 2:07	
D9-NEtFOSE	59.3	10-130						6/26/25 2:07	
13C3-HFPO-DA	80.6	40-130						6/26/25 2:07	

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: 25F0487

Date Received: 6/6/2025

Field Sample #: MW-CPC-36-24-251-20250604-0

Sampled: 6/4/2025 11:25

Sample ID: 25F0487-06

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	6/9/25	6/10/25 13:28	LBD
Benzene	43	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	6/9/25	6/10/25 13:28	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	6/9/25	6/10/25 13:28	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
1,2-Dichloroethane	2.1	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
1,1-Dichloroethylene	2.0	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
cis-1,2-Dichloroethylene	46	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD

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: 25F0487

Date Received: 6/6/2025

Field Sample #: MW-CPC-36-24-251-20250604-0

Sampled: 6/4/2025 11:25

Sample ID: 25F0487-06

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	6/9/25	6/10/25 13:28	LBD
Tetrachloroethylene	39	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
1,1,1-Trichloroethane	1.0	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
Trichloroethylene	9.4	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:28	LBD
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		87.3		70-130				6/10/25 13:28	
Toluene-d8		94.2		70-130				6/10/25 13:28	
4-Bromofluorobenzene		101		70-130				6/10/25 13:28	



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: 25F0487

Date Received: 6/6/2025

Field Sample #: MW-CPC-36-24-251-20250604-0

Sampled: 6/4/2025 11:25

Sample ID: 25F0487-06

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	6.8	0.19	µg/L	1		SW-846 8270E	6/10/25	6/17/25 21:02	GJB
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
1,4-Dioxane-d8	30.8		15-110					6/17/25 21:02	

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: 25F0487

Date Received: 6/6/2025

Field Sample #: MW-CPC-36-24-251-20250604-0

Sampled: 6/4/2025 11:25

Sample ID: 25F0487-06

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)	31	6.1	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:16	AB
Perfluoropentanoic acid (PFPeA)	51	3.0	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:16	AB
Perfluorohexanoic acid (PFHxA)	46	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:16	AB
Perfluoroheptanoic acid (PFHpA)	36	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:16	AB
Perfluorooctanoic acid (PFOA)	150	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:16	AB
Perfluorononanoic acid (PFNA)	480	15	ng/L	10	D	EPA 1633A	6/25/25	6/27/25 4:50	CML
Perfluorodecanoic acid (PFDA)	3.1	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:16	AB
Perfluoroundecanoic acid (PFUnA)	4.6	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:16	AB
Perfluorododecanoic acid (PFDoA)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:16	AB
Perfluorotridecanoic acid (PFTrDA)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:16	AB
Perfluorotetradecanoic acid (PFTeDA)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:16	AB
Perfluorobutanesulfonic acid (PFBS)	5.6	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:16	AB
Perfluoropentanesulfonic acid (PFPeS)	6.2	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:16	AB
Perfluorohexanesulfonic acid (PFHxS)	40	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:16	AB
Perfluoroheptanesulfonic acid (PFHpS)	2.7	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:16	AB
Perfluorooctanesulfonic acid (PFOS)	150	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:16	AB
Perfluorononanesulfonic acid (PFNS)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:16	AB
Perfluorodecanesulfonic acid (PFDS)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:16	AB
Perfluorododecanesulfonic acid (PFDoS)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:16	AB
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	6.1	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:16	AB
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	35	6.1	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:16	AB
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	11	6.1	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:16	AB
Perfluorooctanesulfonamide (PFOSA)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:16	AB
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:16	AB
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:16	AB
N-MeFOSAA (NMeFOSAA)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:16	AB
N-EtFOSAA (NEtFOSAA)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:16	AB
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	15	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:16	AB
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	15	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:16	AB
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	6.1	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:16	AB
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	ND	6.1	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:16	AB
9Cl-PF3ONS (F53B Minor)	ND	6.1	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:16	AB
11Cl-PF3OUdS (F53B Major)	ND	6.1	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:16	AB
3-Perfluoropropyl propanoic acid (FPPrPA) (3:3FTCA)	ND	7.6	ng/L	1	L-03	EPA 1633A	6/25/25	6/26/25 2:16	AB
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	38	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:16	AB
3-Perfluoroheptyl propanoic acid (FHPrPA) (7:3FTCA)	ND	38	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:16	AB
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.0	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:16	AB
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	3.0	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:16	AB

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: 25F0487

Date Received: 6/6/2025

Field Sample #: MW-CPC-36-24-251-20250604-0

Sampled: 6/4/2025 11:25

Sample ID: 25F0487-06

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	3.0	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:16	AB
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	3.0	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:16	AB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
13C4-PFBA	80.4	5-130			6/26/25 2:16				
13C5-PFPeA	77.7	40-130			6/26/25 2:16				
13C5-PFHxA	79.8	40-130			6/26/25 2:16				
13C4-PFHpA	77.0	40-130			6/26/25 2:16				
13C8-PFOA	81.3	40-130			6/26/25 2:16				
13C9-PFNA	75.3	40-130			6/26/25 2:16				
13C9-PFNA	101	40-130			6/27/25 4:50				
13C6-PFDA	78.0	40-130			6/26/25 2:16				
13C7-PFUnA	71.3	30-130			6/26/25 2:16				
13C2-PFDoA	68.1	10-130			6/26/25 2:16				
13C2-PFTeDA	57.9	10-130			6/26/25 2:16				
13C3-PFBS	85.6	40-135			6/26/25 2:16				
13C3-PFHxS	76.3	40-130			6/26/25 2:16				
13C8-PFOS	75.0	40-130			6/26/25 2:16				
13C2-4:2FTS	116	40-200			6/26/25 2:16				
13C2-6:2FTS	88.0	40-200			6/26/25 2:16				
13C2-8:2FTS	73.4	40-300			6/26/25 2:16				
13C8-PFOSA	71.3	40-130			6/26/25 2:16				
D3-NMeFOSA	56.5	10-130			6/26/25 2:16				
D5-NEtFOSA	53.8	10-130			6/26/25 2:16				
D3-NMeFOSAA	72.8	40-170			6/26/25 2:16				
D5-NEtFOSAA	65.3	25-135			6/26/25 2:16				
D7-NMeFOSE	54.3	10-130			6/26/25 2:16				
D9-NEtFOSE	54.4	10-130			6/26/25 2:16				
13C3-HFPO-DA	81.3	40-130			6/26/25 2:16				

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: 25F0487

Date Received: 6/6/2025

Field Sample #: MW-CPC-37-24-445-20250604-0

Sampled: 6/4/2025 14:10

Sample ID: 25F0487-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	6/9/25	6/10/25 13:53	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	6/9/25	6/10/25 13:53	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
cis-1,2-Dichloroethylene	2.2	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD

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: 25F0487

Date Received: 6/6/2025

Field Sample #: MW-CPC-37-24-445-20250604-0

Sampled: 6/4/2025 14:10

Sample ID: 25F0487-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 13:53	LBD
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		85.7		70-130				6/10/25 13:53	
Toluene-d8		93.7		70-130				6/10/25 13:53	
4-Bromofluorobenzene		101		70-130				6/10/25 13:53	



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: 25F0487

Date Received: 6/6/2025

Field Sample #: MW-CPC-37-24-445-20250604-0

Sampled: 6/4/2025 14:10

Sample ID: 25F0487-07

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	11	0.20	µg/L	1		SW-846 8270E	6/10/25	6/17/25 21:22	GJB
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
1,4-Dioxane-d8	34.4		15-110					6/17/25 21:22	

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: 25F0487

Date Received: 6/6/2025

Field Sample #: MW-CPC-37-24-445-20250604-0

Sampled: 6/4/2025 14:10

Sample ID: 25F0487-07

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)	14	6.0	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:25	AB
Perfluoropentanoic acid (PFPeA)	5.0	3.0	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:25	AB
Perfluorohexanoic acid (PFHxA)	15	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:25	AB
Perfluoroheptanoic acid (PFHpA)	4.9	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:25	AB
Perfluorooctanoic acid (PFOA)	42	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:25	AB
Perfluorononanoic acid (PFNA)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:25	AB
Perfluorodecanoic acid (PFDA)	1.8	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:25	AB
Perfluoroundecanoic acid (PFUnA)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:25	AB
Perfluorododecanoic acid (PFDoA)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:25	AB
Perfluorotridecanoic acid (PFTrDA)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:25	AB
Perfluorotetradecanoic acid (PFTeDA)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:25	AB
Perfluorobutanesulfonic acid (PFBS)	1.8	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:25	AB
Perfluoropentanesulfonic acid (PFPeS)	1.8	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:25	AB
Perfluorohexanesulfonic acid (PFHxS)	3.8	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:25	AB
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:25	AB
Perfluorooctanesulfonic acid (PFOS)	12	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:25	AB
Perfluorononanesulfonic acid (PFNS)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:25	AB
Perfluorodecanesulfonic acid (PFDS)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:25	AB
Perfluorododecanesulfonic acid (PFDoS)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:25	AB
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	6.0	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:25	AB
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	190	6.0	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:25	AB
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	6.0	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:25	AB
Perfluorooctanesulfonamide (PFOSA)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:25	AB
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:25	AB
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:25	AB
N-MeFOSAA (NMeFOSAA)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:25	AB
N-EtFOSAA (NEtFOSAA)	ND	1.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:25	AB
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	15	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:25	AB
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	15	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:25	AB
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	6.0	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:25	AB
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	ND	6.0	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:25	AB
9Cl-PF3ONS (F53B Minor)	ND	6.0	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:25	AB
11Cl-PF3OUdS (F53B Major)	ND	6.0	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:25	AB
3-Perfluoropropyl propanoic acid (FPPrPA) (3:3FTCA)	ND	7.5	ng/L	1	L-03	EPA 1633A	6/25/25	6/26/25 2:25	AB
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	38	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:25	AB
3-Perfluoroheptyl propanoic acid (FHPrPA) (7:3FTCA)	ND	38	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:25	AB
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.0	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:25	AB
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	3.0	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:25	AB

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: 25F0487

Date Received: 6/6/2025

Field Sample #: MW-CPC-37-24-445-20250604-0

Sampled: 6/4/2025 14:10

Sample ID: 25F0487-07

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	3.0	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:25	AB
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	3.0	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:25	AB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
13C4-PFBA	78.8	5-130			6/26/25 2:25				
13C5-PFPeA	74.9	40-130			6/26/25 2:25				
13C5-PFHxA	76.0	40-130			6/26/25 2:25				
13C4-PFHpA	73.6	40-130			6/26/25 2:25				
13C8-PFOA	81.3	40-130			6/26/25 2:25				
13C9-PFNA	73.1	40-130			6/26/25 2:25				
13C6-PFDA	74.0	40-130			6/26/25 2:25				
13C7-PFUnA	74.7	30-130			6/26/25 2:25				
13C2-PFDoA	70.8	10-130			6/26/25 2:25				
13C2-PFTeDA	58.7	10-130			6/26/25 2:25				
13C3-PFBS	80.9	40-135			6/26/25 2:25				
13C3-PFHxS	77.6	40-130			6/26/25 2:25				
13C8-PFOS	73.3	40-130			6/26/25 2:25				
13C2-4:2FTS	131	40-200			6/26/25 2:25				
13C2-6:2FTS	79.5	40-200			6/26/25 2:25				
13C2-8:2FTS	81.6	40-300			6/26/25 2:25				
13C8-PFOA	60.1	40-130			6/26/25 2:25				
D3-NMeFOSA	53.8	10-130			6/26/25 2:25				
D5-NEtFOSA	53.5	10-130			6/26/25 2:25				
D3-NMeFOSAA	70.2	40-170			6/26/25 2:25				
D5-NEtFOSAA	69.2	25-135			6/26/25 2:25				
D7-NMeFOSE	54.7	10-130			6/26/25 2:25				
D9-NEtFOSE	53.6	10-130			6/26/25 2:25				
13C3-HFPO-DA	73.9	40-130			6/26/25 2:25				

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: 25F0487

Date Received: 6/6/2025

Field Sample #: MW-CPC-38-24-391-20250604-0

Sampled: 6/4/2025 16:50

Sample ID: 25F0487-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	6/9/25	6/10/25 14:19	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	6/9/25	6/10/25 14:19	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD

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: 25F0487

Date Received: 6/6/2025

Field Sample #: MW-CPC-38-24-391-20250604-0

Sampled: 6/4/2025 16:50

Sample ID: 25F0487-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:19	LBD
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		86.6	70-130					6/10/25 14:19	
Toluene-d8		92.6	70-130					6/10/25 14:19	
4-Bromofluorobenzene		102	70-130					6/10/25 14:19	



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: 25F0487

Date Received: 6/6/2025

Field Sample #: MW-CPC-38-24-391-20250604-0

Sampled: 6/4/2025 16:50

Sample ID: 25F0487-08

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	0.73	0.20	µg/L	1		SW-846 8270E	6/10/25	6/23/25 17:25	AYH
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
1,4-Dioxane-d8	30.9		15-110					6/23/25 17:25	

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: 25F0487

Date Received: 6/6/2025

Field Sample #: MW-CPC-38-24-391-20250604-0

Sampled: 6/4/2025 16:50

Sample ID: 25F0487-08

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	6.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:34	AB
Perfluoropentanoic acid (PFPeA)	ND	3.3	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:34	AB
Perfluorohexanoic acid (PFHxA)	ND	1.6	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:34	AB
Perfluoroheptanoic acid (PFHpA)	ND	1.6	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:34	AB
Perfluorooctanoic acid (PFOA)	ND	1.6	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:34	AB
Perfluorononanoic acid (PFNA)	ND	1.6	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:34	AB
Perfluorodecanoic acid (PFDA)	ND	1.6	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:34	AB
Perfluoroundecanoic acid (PFUnA)	ND	1.6	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:34	AB
Perfluorododecanoic acid (PFDoA)	ND	1.6	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:34	AB
Perfluorotridecanoic acid (PFTrDA)	ND	1.6	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:34	AB
Perfluorotetradecanoic acid (PFTeDA)	ND	1.6	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:34	AB
Perfluorobutanesulfonic acid (PFBS)	ND	1.6	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:34	AB
Perfluoropentanesulfonic acid (PFPeS)	ND	1.6	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:34	AB
Perfluorohexanesulfonic acid (PFHxS)	ND	1.6	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:34	AB
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.6	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:34	AB
Perfluorooctanesulfonic acid (PFOS)	ND	1.6	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:34	AB
Perfluorononanesulfonic acid (PFNS)	ND	1.6	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:34	AB
Perfluorodecanesulfonic acid (PFDS)	ND	1.6	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:34	AB
Perfluorododecanesulfonic acid (PFDoS)	ND	1.6	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:34	AB
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	6.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:34	AB
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	6.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:34	AB
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	6.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:34	AB
Perfluorooctanesulfonamide (PFOSA)	ND	1.6	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:34	AB
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	1.6	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:34	AB
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	1.6	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:34	AB
N-MeFOSAA (NMeFOSAA)	ND	1.6	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:34	AB
N-EtFOSAA (NEtFOSAA)	ND	1.6	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:34	AB
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	16	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:34	AB
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	16	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:34	AB
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	6.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:34	AB
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	ND	6.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:34	AB
9Cl-PF3ONS (F53B Minor)	ND	6.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:34	AB
11Cl-PF3OUdS (F53B Major)	ND	6.5	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:34	AB
3-Perfluoropropyl propanoic acid (FPPrPA) (3:3FTCA)	ND	8.2	ng/L	1	L-03	EPA 1633A	6/25/25	6/26/25 2:34	AB
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	41	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:34	AB
3-Perfluoroheptyl propanoic acid (FHPrPA) (7:3FTCA)	ND	41	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:34	AB
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.3	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:34	AB
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	3.3	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:34	AB

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: 25F0487

Date Received: 6/6/2025

Field Sample #: MW-CPC-38-24-391-20250604-0

Sampled: 6/4/2025 16:50

Sample ID: 25F0487-08

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	6/25/25	6/26/25 2:34	AB
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	3.3	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:34	AB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
13C4-PFBA	7.19	5-130			6/26/25 2:34				
13C5-PFPeA	66.7	40-130			6/26/25 2:34				
13C5-PFHxA	72.3	40-130			6/26/25 2:34				
13C4-PFHpA	72.5	40-130			6/26/25 2:34				
13C8-PFOA	74.9	40-130			6/26/25 2:34				
13C9-PFNA	66.3	40-130			6/26/25 2:34				
13C6-PFDA	69.3	40-130			6/26/25 2:34				
13C7-PFUnA	69.1	30-130			6/26/25 2:34				
13C2-PFDoA	66.1	10-130			6/26/25 2:34				
13C2-PFTeDA	52.6	10-130			6/26/25 2:34				
13C3-PFBS	70.4	40-135			6/26/25 2:34				
13C3-PFHxS	71.4	40-130			6/26/25 2:34				
13C8-PFOS	65.3	40-130			6/26/25 2:34				
13C2-4:2FTS	106	40-200			6/26/25 2:34				
13C2-6:2FTS	75.6	40-200			6/26/25 2:34				
13C2-8:2FTS	72.8	40-300			6/26/25 2:34				
13C8-PFOA	59.2	40-130			6/26/25 2:34				
D3-NMeFOSA	55.7	10-130			6/26/25 2:34				
D5-NEtFOSA	52.8	10-130			6/26/25 2:34				
D3-NMeFOSAA	66.1	40-170			6/26/25 2:34				
D5-NEtFOSAA	64.2	25-135			6/26/25 2:34				
D7-NMeFOSE	47.6	10-130			6/26/25 2:34				
D9-NEtFOSE	46.3	10-130			6/26/25 2:34				
13C3-HFPO-DA	73.8	40-130			6/26/25 2:34				

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: 25F0487

Date Received: 6/6/2025

Field Sample #: MW-CPC-41-24-258-20250605-0

Sampled: 6/5/2025 08:20

Sample ID: 25F0487-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	6/9/25	6/10/25 14:45	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	6/9/25	6/10/25 14:45	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD

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: 25F0487

Date Received: 6/6/2025

Field Sample #: MW-CPC-41-24-258-20250605-0

Sampled: 6/5/2025 08:20

Sample ID: 25F0487-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
Tetrachloroethylene	6.5	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/9/25	6/10/25 14:45	LBD
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		86.0		70-130				6/10/25 14:45	
Toluene-d8		93.7		70-130				6/10/25 14:45	
4-Bromofluorobenzene		102		70-130				6/10/25 14:45	



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: 25F0487

Date Received: 6/6/2025

Field Sample #: MW-CPC-41-24-258-20250605-0

Sampled: 6/5/2025 08:20

Sample ID: 25F0487-09

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	2.4	0.19	µg/L	1		SW-846 8270E	6/10/25	6/23/25 17:47	AYH
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
1,4-Dioxane-d8	34.2		15-110					6/23/25 17:47	

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: 25F0487

Date Received: 6/6/2025

Field Sample #: MW-CPC-41-24-258-20250605-0

Sampled: 6/5/2025 08:20

Sample ID: 25F0487-09

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)	14	5.7	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:43	AB
Perfluoropentanoic acid (PFPeA)	28	2.9	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:43	AB
Perfluorohexanoic acid (PFHxA)	20	1.4	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:43	AB
Perfluoroheptanoic acid (PFHpA)	11	1.4	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:43	AB
Perfluorooctanoic acid (PFOA)	27	1.4	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:43	AB
Perfluorononanoic acid (PFNA)	99	1.4	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:43	AB
Perfluorodecanoic acid (PFDA)	ND	1.4	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:43	AB
Perfluoroundecanoic acid (PFUnA)	ND	1.4	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:43	AB
Perfluorododecanoic acid (PFDoA)	ND	1.4	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:43	AB
Perfluorotridecanoic acid (PFTriDA)	ND	1.4	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:43	AB
Perfluorotetradecanoic acid (PFTeDA)	ND	1.4	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:43	AB
Perfluorobutanesulfonic acid (PFBS)	2.0	1.4	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:43	AB
Perfluoropentanesulfonic acid (PFPeS)	1.5	1.4	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:43	AB
Perfluorohexanesulfonic acid (PFHxS)	6.5	1.4	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:43	AB
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.4	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:43	AB
Perfluorooctanesulfonic acid (PFOS)	19	1.4	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:43	AB
Perfluorononanesulfonic acid (PFNS)	ND	1.4	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:43	AB
Perfluorodecanesulfonic acid (PFDS)	ND	1.4	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:43	AB
Perfluorododecanesulfonic acid (PFDoS)	ND	1.4	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:43	AB
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	5.7	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:43	AB
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	5.7	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:43	AB
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	5.7	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:43	AB
Perfluorooctanesulfonamide (PFOSA)	ND	1.4	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:43	AB
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	1.4	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:43	AB
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	1.4	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:43	AB
N-MeFOSAA (NMeFOSAA)	ND	1.4	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:43	AB
N-EtFOSAA (NEtFOSAA)	ND	1.4	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:43	AB
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	14	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:43	AB
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	14	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:43	AB
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	5.7	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:43	AB
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	ND	5.7	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:43	AB
9Cl-PF3ONS (F53B Minor)	ND	5.7	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:43	AB
11Cl-PF3OUdS (F53B Major)	ND	5.7	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:43	AB
3-Perfluoropropyl propanoic acid (FPPrPA) (3:3FTCA)	ND	7.1	ng/L	1	L-03	EPA 1633A	6/25/25	6/26/25 2:43	AB
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	36	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:43	AB
3-Perfluoroheptyl propanoic acid (FHPrPA) (7:3FTCA)	ND	36	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:43	AB
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.9	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:43	AB
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	2.9	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:43	AB

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: 25F0487

Date Received: 6/6/2025

Field Sample #: MW-CPC-41-24-258-20250605-0

Sampled: 6/5/2025 08:20

Sample ID: 25F0487-09

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	2.9	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:43	AB
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.9	ng/L	1		EPA 1633A	6/25/25	6/26/25 2:43	AB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
13C4-PFBA	60.6	5-130			6/26/25 2:43				
13C5-PFPeA	53.1	40-130			6/26/25 2:43				
13C5-PFHxA	58.4	40-130			6/26/25 2:43				
13C4-PFHpA	60.6	40-130			6/26/25 2:43				
13C8-PFOA	62.6	40-130			6/26/25 2:43				
13C9-PFNA	55.2	40-130			6/26/25 2:43				
13C6-PFDA	61.5	40-130			6/26/25 2:43				
13C7-PFUnA	59.8	30-130			6/26/25 2:43				
13C2-PFDoA	59.7	10-130			6/26/25 2:43				
13C2-PFTeDA	52.5	10-130			6/26/25 2:43				
13C3-PFBS	61.3	40-135			6/26/25 2:43				
13C3-PFHxS	59.4	40-130			6/26/25 2:43				
13C8-PFOS	60.8	40-130			6/26/25 2:43				
13C2-4:2FTS	54.9	40-200			6/26/25 2:43				
13C2-6:2FTS	47.1	40-200			6/26/25 2:43				
13C2-8:2FTS	45.3	40-300			6/26/25 2:43				
13C8-PFOSA	54.7	40-130			6/26/25 2:43				
D3-NMeFOSA	49.5	10-130			6/26/25 2:43				
D5-NEtFOSA	50.8	10-130			6/26/25 2:43				
D3-NMeFOSAA	53.6	40-170			6/26/25 2:43				
D5-NEtFOSAA	48.5	25-135			6/26/25 2:43				
D7-NMeFOSE	51.8	10-130			6/26/25 2:43				
D9-NEtFOSE	52.1	10-130			6/26/25 2:43				
13C3-HFPO-DA	59.0	40-130			6/26/25 2:43				

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

Sample Extraction Data

Prep Method:EPA 1633 Analytical Method:EPA 1633A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
25F0487-03 [MW-CPC-40-24-312-20250604-0]	B407629	559	4.00	06/25/25
25F0487-04 [MW-CPC-40-24-312-20250604-1]	B407629	544	4.00	06/25/25
25F0487-05 [MW-CPC-40-24-312-20250604-2]	B407629	542	4.00	06/25/25
25F0487-06 [MW-CPC-36-24-251-20250604-0]	B407629	526	4.00	06/25/25
25F0487-06RE1 [MW-CPC-36-24-251-20250604-0]	B407629	526	4.00	06/25/25
25F0487-07 [MW-CPC-37-24-445-20250604-0]	B407629	531	4.00	06/25/25
25F0487-08 [MW-CPC-38-24-391-20250604-0]	B407629	490	4.00	06/25/25
25F0487-09 [MW-CPC-41-24-258-20250605-0]	B407629	561	4.00	06/25/25

Prep Method:EPA 1633 Analytical Method:EPA 1633A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
25F0487-02RE1 [MW-CPC-39-24-374-20250603-0]	B408000	505	4.00	06/26/25

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
25F0487-01 [TB-CP-QC-20250605]	B406916	5	5.00	06/09/25
25F0487-02 [MW-CPC-39-24-374-20250603-0]	B406916	5	5.00	06/09/25
25F0487-03 [MW-CPC-40-24-312-20250604-0]	B406916	5	5.00	06/09/25
25F0487-04 [MW-CPC-40-24-312-20250604-1]	B406916	5	5.00	06/09/25
25F0487-06 [MW-CPC-36-24-251-20250604-0]	B406916	5	5.00	06/09/25
25F0487-07 [MW-CPC-37-24-445-20250604-0]	B406916	5	5.00	06/09/25
25F0487-08 [MW-CPC-38-24-391-20250604-0]	B406916	5	5.00	06/09/25
25F0487-09 [MW-CPC-41-24-258-20250605-0]	B406916	5	5.00	06/09/25

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
25F0487-02 [MW-CPC-39-24-374-20250603-0]	B407022	1040	1.00	06/10/25
25F0487-03 [MW-CPC-40-24-312-20250604-0]	B407022	1050	1.00	06/10/25
25F0487-04 [MW-CPC-40-24-312-20250604-1]	B407022	1050	1.00	06/10/25
25F0487-06 [MW-CPC-36-24-251-20250604-0]	B407022	1040	1.00	06/10/25
25F0487-07 [MW-CPC-37-24-445-20250604-0]	B407022	990	1.00	06/10/25
25F0487-08 [MW-CPC-38-24-391-20250604-0]	B407022	980	1.00	06/10/25
25F0487-09 [MW-CPC-41-24-258-20250605-0]	B407022	1040	1.00	06/10/25

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 B406916 - SW-846 5030B										
Blank (B406916-BLK1)										
Prepared: 06/09/25 Analyzed: 06/10/25										
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							V-05
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl Acetate	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methyl Cyclohexane	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							

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 B406916 - SW-846 5030B									
Blank (B406916-BLK1)					Prepared: 06/09/25 Analyzed: 06/10/25				
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	22.0		µg/L	25.00		88.0	70-130		
Surrogate: Toluene-d8	23.4		µg/L	25.00		93.8	70-130		
Surrogate: 4-Bromofluorobenzene	25.2		µg/L	25.00		101	70-130		
LCS (B406916-BS1)					Prepared: 06/09/25 Analyzed: 06/10/25				
Acetone	89.1	50	µg/L	100.0		89.1	70-160		†
Benzene	9.68	1.0	µg/L	10.00		96.8	70-130		
Bromochloromethane	10.8	1.0	µg/L	10.00		108	70-130		
Bromodichloromethane	9.55	0.50	µg/L	10.00		95.5	70-130		
Bromoform	10.2	1.0	µg/L	10.00		102	70-130		
Bromomethane	8.40	2.0	µg/L	10.00		84.0	40-160	V-05	†
2-Butanone (MEK)	82.7	20	µg/L	100.0		82.7	40-160		†
n-Butylbenzene	9.44	1.0	µg/L	10.00		94.4	70-130		
sec-Butylbenzene	9.32	1.0	µg/L	10.00		93.2	70-130		
tert-Butylbenzene	10.3	1.0	µg/L	10.00		103	70-130		
Carbon Disulfide	92.3	5.0	µg/L	100.0		92.3	70-130		
Carbon Tetrachloride	9.39	5.0	µg/L	10.00		93.9	70-130		
Chlorobenzene	11.7	1.0	µg/L	10.00		117	70-130		
Chlorodibromomethane	9.98	0.50	µg/L	10.00		99.8	70-130		
Chloroethane	10.0	2.0	µg/L	10.00		100	70-130		
Chloroform	9.51	2.0	µg/L	10.00		95.1	70-130		
Chloromethane	8.85	2.0	µg/L	10.00		88.5	40-160		†
Cyclohexane	9.75	5.0	µg/L	10.00		97.5	70-130		
1,2-Dibromo-3-chloropropane (DBCP)	7.82	5.0	µg/L	10.00		78.2	70-130	V-05	
1,2-Dibromoethane (EDB)	10.4	0.50	µg/L	10.00		104	70-130		
1,2-Dichlorobenzene	10.7	1.0	µg/L	10.00		107	70-130		
1,3-Dichlorobenzene	10.9	1.0	µg/L	10.00		109	70-130		
1,4-Dichlorobenzene	10.7	1.0	µg/L	10.00		107	70-130		
Dichlorodifluoromethane (Freon 12)	11.8	2.0	µg/L	10.00		118	40-160		†
1,1-Dichloroethane	9.65	1.0	µg/L	10.00		96.5	70-130		
1,2-Dichloroethane	10.3	1.0	µg/L	10.00		103	70-130		
1,1-Dichloroethylene	10.8	1.0	µg/L	10.00		108	70-130		
cis-1,2-Dichloroethylene	9.83	1.0	µg/L	10.00		98.3	70-130		
trans-1,2-Dichloroethylene	10.0	1.0	µg/L	10.00		100	70-130		
1,2-Dichloropropane	9.72	1.0	µg/L	10.00		97.2	70-130		
cis-1,3-Dichloropropene	9.49	0.50	µg/L	10.00		94.9	70-130		
trans-1,3-Dichloropropene	9.18	0.50	µg/L	10.00		91.8	70-130		
Ethylbenzene	11.2	1.0	µg/L	10.00		112	70-130		
2-Hexanone (MBK)	82.5	10	µg/L	100.0		82.5	70-160		†
Isopropylbenzene (Cumene)	11.2	1.0	µg/L	10.00		112	70-130		
p-Isopropyltoluene (p-Cymene)	10.2	1.0	µg/L	10.00		102	70-130		
Methyl Acetate	9.47	1.0	µg/L	10.00		94.7	70-130		
Methyl tert-Butyl Ether (MTBE)	8.98	1.0	µg/L	10.00		89.8	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 B406916 - SW-846 5030B										
LCS (B406916-BS1)										
Prepared: 06/09/25 Analyzed: 06/10/25										
Methyl Cyclohexane	10.4	1.0	µg/L	10.00		104	70-130			
Methylene Chloride	9.46	5.0	µg/L	10.00		94.6	70-130			
4-Methyl-2-pentanone (MIBK)	87.4	10	µg/L	100.0		87.4	70-160			†
Naphthalene	8.02	2.0	µg/L	10.00		80.2	40-130			†
n-Propylbenzene	11.0	1.0	µg/L	10.00		110	70-130			
Styrene	11.4	1.0	µg/L	10.00		114	70-130			
1,1,2,2-Tetrachloroethane	11.2	0.50	µg/L	10.00		112	70-130			
Tetrachloroethylene	11.8	1.0	µg/L	10.00		118	70-130			
Toluene	9.79	1.0	µg/L	10.00		97.9	70-130			
1,2,3-Trichlorobenzene	8.99	5.0	µg/L	10.00		89.9	70-130			
1,2,4-Trichlorobenzene	9.83	1.0	µg/L	10.00		98.3	70-130			
1,1,1-Trichloroethane	9.69	1.0	µg/L	10.00		96.9	70-130			
1,1,2-Trichloroethane	10.4	1.0	µg/L	10.00		104	70-130			
Trichloroethylene	10.4	1.0	µg/L	10.00		104	70-130			
Trichlorofluoromethane (Freon 11)	10.9	2.0	µg/L	10.00		109	70-130			
1,2,3-Trichloropropane	13.0	2.0	µg/L	10.00		130	70-130			
1,1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.0	1.0	µg/L	10.00		110	70-130			
1,2,4-Trimethylbenzene	10.0	1.0	µg/L	10.00		100	70-130			
1,3,5-Trimethylbenzene	11.4	1.0	µg/L	10.00		114	70-130			
Vinyl Chloride	10.2	2.0	µg/L	10.00		102	40-160			†
m+p Xylene	22.4	2.0	µg/L	20.00		112	70-130			
o-Xylene	11.1	1.0	µg/L	10.00		111	70-130			
Xylenes (total)	33.5	1.0	µg/L	30.00		112	0-200			
Surrogate: 1,2-Dichloroethane-d4	22.2		µg/L	25.00		89.0	70-130			
Surrogate: Toluene-d8	23.9		µg/L	25.00		95.8	70-130			
Surrogate: 4-Bromofluorobenzene	25.9		µg/L	25.00		104	70-130			
LCS Dup (B406916-BSD1)										
Prepared: 06/09/25 Analyzed: 06/10/25										
Acetone	85.2	50	µg/L	100.0		85.2	70-160	4.42	25	†
Benzene	9.60	1.0	µg/L	10.00		96.0	70-130	0.830	25	
Bromochloromethane	10.9	1.0	µg/L	10.00		109	70-130	0.368	25	
Bromodichloromethane	9.51	0.50	µg/L	10.00		95.1	70-130	0.420	25	
Bromoform	10.6	1.0	µg/L	10.00		106	70-130	3.84	25	
Bromomethane	8.24	2.0	µg/L	10.00		82.4	40-160	1.92	25	V-05 †
2-Butanone (MEK)	78.1	20	µg/L	100.0		78.1	40-160	5.76	25	†
n-Butylbenzene	9.65	1.0	µg/L	10.00		96.5	70-130	2.20	25	
sec-Butylbenzene	9.53	1.0	µg/L	10.00		95.3	70-130	2.23	25	
tert-Butylbenzene	10.5	1.0	µg/L	10.00		105	70-130	1.83	25	
Carbon Disulfide	92.4	5.0	µg/L	100.0		92.4	70-130	0.184	25	
Carbon Tetrachloride	91.6	5.0	µg/L	10.00		91.6	70-130	2.48	25	
Chlorobenzene	11.9	1.0	µg/L	10.00		119	70-130	1.53	25	
Chlorodibromomethane	9.88	0.50	µg/L	10.00		98.8	70-130	1.01	25	
Chloroethane	9.70	2.0	µg/L	10.00		97.0	70-130	3.05	25	
Chloroform	9.45	2.0	µg/L	10.00		94.5	70-130	0.633	25	
Chloromethane	9.11	2.0	µg/L	10.00		91.1	40-160	2.90	25	†
Cyclohexane	9.77	5.0	µg/L	10.00		97.7	70-130	0.205	25	
1,2-Dibromo-3-chloropropane (DBCP)	7.91	5.0	µg/L	10.00		79.1	70-130	1.14	25	V-05
1,2-Dibromoethane (EDB)	10.6	0.50	µg/L	10.00		106	70-130	1.14	25	
1,2-Dichlorobenzene	10.9	1.0	µg/L	10.00		109	70-130	1.39	25	
1,3-Dichlorobenzene	11.0	1.0	µg/L	10.00		110	70-130	0.641	25	
1,4-Dichlorobenzene	10.9	1.0	µg/L	10.00		109	70-130	2.04	25	
Dichlorodifluoromethane (Freon 12)	12.1	2.0	µg/L	10.00		121	40-160	2.51	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 B406916 - SW-846 5030B										
LCS Dup (B406916-BSD1)										
					Prepared: 06/09/25 Analyzed: 06/10/25					
1,1-Dichloroethane	9.44	1.0	µg/L	10.00		94.4	70-130	2.20	25	
1,2-Dichloroethane	10.4	1.0	µg/L	10.00		104	70-130	0.967	25	
1,1-Dichloroethylene	10.7	1.0	µg/L	10.00		107	70-130	0.838	25	
cis-1,2-Dichloroethylene	9.80	1.0	µg/L	10.00		98.0	70-130	0.306	25	
trans-1,2-Dichloroethylene	9.71	1.0	µg/L	10.00		97.1	70-130	3.24	25	
1,2-Dichloropropane	9.87	1.0	µg/L	10.00		98.7	70-130	1.53	25	
cis-1,3-Dichloropropene	9.43	0.50	µg/L	10.00		94.3	70-130	0.634	25	
trans-1,3-Dichloropropene	9.29	0.50	µg/L	10.00		92.9	70-130	1.19	25	
Ethylbenzene	11.4	1.0	µg/L	10.00		114	70-130	1.77	25	
2-Hexanone (MBK)	81.7	10	µg/L	100.0		81.7	70-160	1.01	25	†
Isopropylbenzene (Cumene)	11.6	1.0	µg/L	10.00		116	70-130	3.33	25	
p-Isopropyltoluene (p-Cymene)	10.4	1.0	µg/L	10.00		104	70-130	2.81	25	
Methyl Acetate	8.87	1.0	µg/L	10.00		88.7	70-130	6.54	25	
Methyl tert-Butyl Ether (MTBE)	8.73	1.0	µg/L	10.00		87.3	70-130	2.82	25	
Methyl Cyclohexane	10.7	1.0	µg/L	10.00		107	70-130	3.13	25	
Methylene Chloride	9.32	5.0	µg/L	10.00		93.2	70-130	1.49	25	
4-Methyl-2-pentanone (MIBK)	85.8	10	µg/L	100.0		85.8	70-160	1.82	25	†
Naphthalene	8.03	2.0	µg/L	10.00		80.3	40-130	0.125	25	†
n-Propylbenzene	11.4	1.0	µg/L	10.00		114	70-130	2.95	25	
Styrene	11.5	1.0	µg/L	10.00		115	70-130	0.786	25	
1,1,2,2-Tetrachloroethane	11.3	0.50	µg/L	10.00		113	70-130	0.802	25	
Tetrachloroethylene	11.8	1.0	µg/L	10.00		118	70-130	0.169	25	
Toluene	10.0	1.0	µg/L	10.00		100	70-130	2.12	25	
1,2,3-Trichlorobenzene	9.12	5.0	µg/L	10.00		91.2	70-130	1.44	25	
1,2,4-Trichlorobenzene	9.93	1.0	µg/L	10.00		99.3	70-130	1.01	25	
1,1,1-Trichloroethane	9.75	1.0	µg/L	10.00		97.5	70-130	0.617	25	
1,1,2-Trichloroethane	10.4	1.0	µg/L	10.00		104	70-130	0.192	25	
Trichloroethylene	10.9	1.0	µg/L	10.00		109	70-130	4.77	25	
Trichlorofluoromethane (Freon 11)	11.2	2.0	µg/L	10.00		112	70-130	2.27	25	
1,2,3-Trichloropropane	12.9	2.0	µg/L	10.00		129	70-130	0.694	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8	1.0	µg/L	10.00		108	70-130	1.46	25	
1,2,4-Trimethylbenzene	10.1	1.0	µg/L	10.00		101	70-130	0.893	25	
1,3,5-Trimethylbenzene	11.7	1.0	µg/L	10.00		117	70-130	2.17	25	
Vinyl Chloride	10.6	2.0	µg/L	10.00		106	40-160	3.27	25	†
m+p Xylene	23.3	2.0	µg/L	20.00		117	70-130	4.02	25	
o-Xylene	11.3	1.0	µg/L	10.00		113	70-130	2.41	25	
Xylenes (total)	34.7	1.0	µg/L	30.00		116	0-200	3.49		
Surrogate: 1,2-Dichloroethane-d4	21.7		µg/L	25.00		86.8	70-130			
Surrogate: Toluene-d8	23.8		µg/L	25.00		95.2	70-130			
Surrogate: 4-Bromofluorobenzene	26.0		µg/L	25.00		104	70-130			

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 B407022 - SW-846 3510C										
Blank (B407022-BLK1)										
					Prepared: 06/10/25 Analyzed: 06/12/25					
1,4-Dioxane	ND	0.20	µg/L							
Surrogate: 1,4-Dioxane-d8	3.18		µg/L	10.00		31.8	15-110			
LCS (B407022-BS1)										
					Prepared: 06/10/25 Analyzed: 06/12/25					
1,4-Dioxane	9.60	0.20	µg/L	10.00		96.0	40-140			
Surrogate: 1,4-Dioxane-d8	3.25		µg/L	10.00		32.5	15-110			
LCS Dup (B407022-BSD1)										
					Prepared: 06/10/25 Analyzed: 06/12/25					
1,4-Dioxane	10.4	0.20	µg/L	10.00		104	40-140	8.26	30	
Surrogate: 1,4-Dioxane-d8	2.91		µg/L	10.00		29.1	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 B407629 - EPA 1633										
Blank (B407629-BLK1)										
Prepared & Analyzed: 06/25/25										
Perfluorobutanoic acid (PFBA)	ND	6.3	ng/L							
Perfluoropentanoic acid (PFPeA)	ND	3.1	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	7.8	ng/L							L-03
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	39	ng/L							
3-Perfluoroheptyl propanoic acid (FHppPA) (7:3FTCA)	ND	39	ng/L							
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	3.1	ng/L							
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	3.1	ng/L							
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	3.1	ng/L							
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	3.1	ng/L							
Surrogate: 13C4-PFBA	75.0		ng/L	78.49		95.5	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 B407629 - EPA 1633

Blank (B407629-BLK1)

Prepared & Analyzed: 06/25/25

Surrogate: 13C5-PFPeA	35.5		ng/L	39.24		90.3	40-130			
Surrogate: 13C5-PFHxA	18.0		ng/L	19.62		92.0	40-130			
Surrogate: 13C4-PFHpA	18.1		ng/L	19.62		92.2	40-130			
Surrogate: 13C8-PFOA	19.0		ng/L	19.62		96.7	40-130			
Surrogate: 13C9-PFNA	9.40		ng/L	9.811		95.9	40-130			
Surrogate: 13C6-PFDA	9.36		ng/L	9.811		95.4	40-130			
Surrogate: 13C7-PFUnA	8.11		ng/L	9.811		82.6	30-130			
Surrogate: 13C2-PFDoA	7.80		ng/L	9.811		79.5	10-130			
Surrogate: 13C2-PFTeDA	7.17		ng/L	9.811		73.1	10-130			
Surrogate: 13C3-PFBS	18.1		ng/L	19.62		92.2	40-135			
Surrogate: 13C3-PFHxS	17.4		ng/L	19.62		88.7	40-130			
Surrogate: 13C8-PFOS	17.2		ng/L	19.62		87.9	40-130			
Surrogate: 13C2-4:2FTS	39.4		ng/L	39.24		100	40-200			
Surrogate: 13C2-6:2FTS	40.8		ng/L	39.24		104	40-200			
Surrogate: 13C2-8:2FTS	41.6		ng/L	39.24		106	40-300			
Surrogate: 13C8-PFOA	14.6		ng/L	19.62		74.4	40-130			
Surrogate: D3-NMeFOSA	14.3		ng/L	19.62		72.9	10-130			
Surrogate: D5-NEtFOSA	13.8		ng/L	19.62		70.2	10-130			
Surrogate: D3-NMeFOSAA	34.0		ng/L	39.24		86.7	40-170			
Surrogate: D5-NEtFOSAA	33.4		ng/L	39.24		85.1	25-135			
Surrogate: D7-NMeFOSE	145		ng/L	196.2		73.8	10-130			
Surrogate: D9-NEtFOSE	139		ng/L	196.2		70.6	10-130			
Surrogate: 13C3-HFPO-DA	72.0		ng/L	78.49		91.7	40-130			

LCS (B407629-BS1)

Prepared & Analyzed: 06/25/25

Perfluorobutanoic acid (PFBA)	75.1	6.3	ng/L	78.55		95.6	70-140			
Perfluoropentanoic acid (PFPeA)	38.7	3.1	ng/L	39.27		98.5	65-135			
Perfluorohexanoic acid (PFHxA)	18.2	1.6	ng/L	19.64		92.7	70-145			
Perfluoroheptanoic acid (PFHpA)	19.6	1.6	ng/L	19.64		100	70-150			
Perfluorooctanoic acid (PFOA)	18.7	1.6	ng/L	19.64		95.0	70-150			
Perfluorononanoic acid (PFNA)	20.7	1.6	ng/L	19.64		105	70-150			
Perfluorodecanoic acid (PFDA)	18.7	1.6	ng/L	19.64		95.5	70-140			
Perfluoroundecanoic acid (PFUnA)	19.8	1.6	ng/L	19.64		101	70-145			
Perfluorododecanoic acid (PFDoA)	20.1	1.6	ng/L	19.64		102	70-140			
Perfluorotridecanoic acid (PFTTrDA)	19.6	1.6	ng/L	19.64		100	65-140			
Perfluorotetradecanoic acid (PFTeDA)	20.8	1.6	ng/L	19.64		106	60-140			
Perfluorobutanesulfonic acid (PFBS)	17.1	1.6	ng/L	17.44		98.2	60-145			
Perfluoropentanesulfonic acid (PFPeS)	18.5	1.6	ng/L	18.46		100	65-140			
Perfluorohexanesulfonic acid (PFHxS)	17.6	1.6	ng/L	17.91		98.3	65-145			
Perfluoroheptanesulfonic acid (PFHpS)	19.4	1.6	ng/L	18.69		104	70-150			
Perfluorooctanesulfonic acid (PFOS)	16.4	1.6	ng/L	18.22		90.2	55-150			
Perfluorononanesulfonic acid (PFNS)	18.5	1.6	ng/L	18.85		98.3	65-145			
Perfluorodecanesulfonic acid (PFDS)	18.2	1.6	ng/L	18.93		96.0	60-145			
Perfluorododecanesulfonic acid (PFDoS)	15.4	1.6	ng/L	19.01		81.1	50-145			
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	74.2	6.3	ng/L	73.60		101	70-145			
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	77.4	6.3	ng/L	74.70		104	65-155			
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	83.8	6.3	ng/L	75.41		111	60-150			
Perfluorooctanesulfonamide (PFOSA)	18.4	1.6	ng/L	19.64		93.7	70-145			
N-methyl perfluorooctanesulfonamide (NMeFOSA)	18.7	1.6	ng/L	19.64		95.0	60-150			

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 B407629 - EPA 1633

LCS (B407629-BS1)

Prepared & Analyzed: 06/25/25

N-ethyl perfluorooctanesulfonamide (NEtFOSA)	20.2	1.6	ng/L	19.64		103	65-145			
N-MeFOSAA (NMeFOSAA)	17.2	1.6	ng/L	19.64		87.8	50-140			
N-EtFOSAA (NEtFOSAA)	17.7	1.6	ng/L	19.64		90.2	70-145			
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	194	16	ng/L	196.4		98.6	70-145			
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	200	16	ng/L	196.4		102	70-135			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	77.1	6.3	ng/L	78.55		98.2	70-140			
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	72.7	6.3	ng/L	74.23		98.0	65-145			
9Cl-PF3ONS (F53B Minor)	73.7	6.3	ng/L	73.28		101	70-155			
11Cl-PF3OUdS (F53B Major)	68.6	6.3	ng/L	73.05		93.9	55-160			
3-Perfluoropropyl propanoic acid (FPPrPA) (3:3FTCA)	71.9	7.9	ng/L	98.18		73.3	65-130			
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	428	39	ng/L	490.9		87.2	70-135			
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	463	39	ng/L	490.9		94.2	50-145			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	35.3	3.1	ng/L	35.03		101	70-140			
Perfluoro-3-methoxypropanoic acid (PFMPA)	38.1	3.1	ng/L	39.27		96.9	55-140			
Perfluoro-4-methoxybutanoic acid (PFMBA)	39.1	3.1	ng/L	39.27		99.5	60-150			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	38.2	3.1	ng/L	39.27		97.3	50-150			
Surrogate: 13C4-PFBA	68.0		ng/L	78.55		86.6	5-130			
Surrogate: 13C5-PFPeA	32.7		ng/L	39.27		83.3	40-130			
Surrogate: 13C5-PFHxA	16.9		ng/L	19.64		86.1	40-130			
Surrogate: 13C4-PFHpA	16.0		ng/L	19.64		81.7	40-130			
Surrogate: 13C8-PFOA	16.8		ng/L	19.64		85.7	40-130			
Surrogate: 13C9-PFNA	7.94		ng/L	9.818		80.8	40-130			
Surrogate: 13C6-PFDA	7.86		ng/L	9.818		80.1	40-130			
Surrogate: 13C7-PFUnA	7.47		ng/L	9.818		76.1	30-130			
Surrogate: 13C2-PFDoA	6.84		ng/L	9.818		69.7	10-130			
Surrogate: 13C2-PFTeDA	6.32		ng/L	9.818		64.4	10-130			
Surrogate: 13C3-PFBS	16.0		ng/L	19.64		81.4	40-135			
Surrogate: 13C3-PFHxS	16.0		ng/L	19.64		81.7	40-130			
Surrogate: 13C8-PFOS	15.2		ng/L	19.64		77.5	40-130			
Surrogate: 13C2-4:2FTS	35.0		ng/L	39.27		89.1	40-200			
Surrogate: 13C2-6:2FTS	35.9		ng/L	39.27		91.3	40-200			
Surrogate: 13C2-8:2FTS	32.6		ng/L	39.27		83.0	40-300			
Surrogate: 13C8-PFOSA	13.3		ng/L	19.64		67.5	40-130			
Surrogate: D3-NMeFOSA	12.3		ng/L	19.64		62.8	10-130			
Surrogate: D5-NEtFOSA	11.5		ng/L	19.64		58.6	10-130			
Surrogate: D3-NMeFOSAA	29.1		ng/L	39.27		74.0	40-170			
Surrogate: D5-NEtFOSAA	28.4		ng/L	39.27		72.4	25-135			
Surrogate: D7-NMeFOSE	123		ng/L	196.4		62.4	10-130			
Surrogate: D9-NEtFOSE	121		ng/L	196.4		61.6	10-130			
Surrogate: 13C3-HFPO-DA	68.9		ng/L	78.55		87.7	40-130			

MRL Check (B407629-MRL1)

Prepared & Analyzed: 06/25/25

Perfluorobutanoic acid (PFBA)	10.6	6.3	ng/L	12.55		84.1	0-200			
Perfluoropentanoic acid (PFPeA)	5.17	3.1	ng/L	6.276		82.4	0-200			

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 Limits	RPD	RPD Limit	Notes
Batch B407629 - EPA 1633									
MRL Check (B407629-MRL1)				Prepared & Analyzed: 06/25/25					
Perfluorohexanoic acid (PFHxA)	2.61	1.6	ng/L	3.138		83.2	0-200		
Perfluoroheptanoic acid (PFHpA)	2.55	1.6	ng/L	3.138		81.2	0-200		
Perfluorooctanoic acid (PFOA)	2.87	1.6	ng/L	3.138		91.5	0-200		
Perfluorononanoic acid (PFNA)	2.56	1.6	ng/L	3.138		81.6	0-200		
Perfluorodecanoic acid (PFDA)	2.78	1.6	ng/L	3.138		88.6	0-200		
Perfluoroundecanoic acid (PFUnA)	2.61	1.6	ng/L	3.138		83.3	0-200		
Perfluorododecanoic acid (PFDoA)	2.71	1.6	ng/L	3.138		86.3	0-200		
Perfluorotridecanoic acid (PFTrDA)	2.50	1.6	ng/L	3.138		79.7	0-200		
Perfluorotetradecanoic acid (PFTeDA)	2.85	1.6	ng/L	3.138		90.9	0-200		
Perfluorobutanesulfonic acid (PFBS)	2.29	1.6	ng/L	2.787		82.1	0-200		
Perfluoropentanesulfonic acid (PFPeS)	2.32	1.6	ng/L	2.950		78.6	0-200		
Perfluorohexanesulfonic acid (PFHxS)	2.55	1.6	ng/L	2.862		89.0	0-200		
Perfluoroheptanesulfonic acid (PFHpS)	2.82	1.6	ng/L	2.987		94.5	0-200		
Perfluorooctanesulfonic acid (PFOS)	2.69	1.6	ng/L	2.912		92.3	0-200		
Perfluorononanesulfonic acid (PFNS)	2.91	1.6	ng/L	3.013		96.4	0-200		
Perfluorodecanesulfonic acid (PFDS)	2.74	1.6	ng/L	3.025		90.7	0-200		
Perfluorododecanesulfonic acid (PFDoS)	2.62	1.6	ng/L	3.038		86.3	0-200		
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	9.65	6.3	ng/L	11.76		82.1	0-200		
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	11.6	6.3	ng/L	11.94		96.9	0-200		
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	11.8	6.3	ng/L	12.05		98.0	0-200		
Perfluorooctanesulfonamide (PFOSA)	2.79	1.6	ng/L	3.138		88.8	0-200		
N-methyl perfluorooctanesulfonamide (NMeFOSA)	2.81	1.6	ng/L	3.138		89.4	0-200		
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	3.11	1.6	ng/L	3.138		99.0	0-200		
N-MeFOSAA (NMeFOSAA)	2.44	1.6	ng/L	3.138		77.9	0-200		
N-EtFOSAA (NEtFOSAA)	2.79	1.6	ng/L	3.138		89.1	0-200		
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	24.5	16	ng/L	31.38		78.1	0-200		
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	26.8	16	ng/L	31.38		85.5	0-200		
Hexafluoropropylene oxide dimer acid (HFPO-DA)	10.6	6.3	ng/L	12.55		84.1	0-200		
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	9.94	6.3	ng/L	11.86		83.8	0-200		
9Cl-PF3ONS (F53B Minor)	10.9	6.3	ng/L	11.71		93.2	0-200		
11Cl-PF3OUdS (F53B Major)	10.7	6.3	ng/L	11.67		91.2	0-200		
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	10.0	7.8	ng/L	15.69		63.8	0-200		L-03
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	61.7	39	ng/L	78.45		78.6	0-200		
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	61.4	39	ng/L	78.45		78.3	0-200		
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	4.89	3.1	ng/L	5.598		87.4	0-200		
Perfluoro-3-methoxypropanoic acid (PFMPA)	5.29	3.1	ng/L	6.276		84.3	0-200		
Perfluoro-4-methoxybutanoic acid (PFMBA)	5.28	3.1	ng/L	6.276		84.1	0-200		
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	5.64	3.1	ng/L	6.276		89.9	0-200		
Surrogate: 13C4-PFBA	65.2		ng/L	78.45		83.1	5-130		
Surrogate: 13C5-PFPeA	31.0		ng/L	39.23		79.0	40-130		
Surrogate: 13C5-PFHxA	16.0		ng/L	19.61		81.7	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 B407629 - EPA 1633

MRL Check (B407629-MRL1)

Prepared & Analyzed: 06/25/25

Surrogate: 13C4-PFHpA	15.8		ng/L	19.61		80.5	40-130			
Surrogate: 13C8-PFOA	15.8		ng/L	19.61		80.4	40-130			
Surrogate: 13C9-PFNA	7.62		ng/L	9.807		77.7	40-130			
Surrogate: 13C6-PFDA	7.79		ng/L	9.807		79.5	40-130			
Surrogate: 13C7-PFUnA	7.74		ng/L	9.807		78.9	30-130			
Surrogate: 13C2-PFDoA	7.25		ng/L	9.807		73.9	10-130			
Surrogate: 13C2-PFTeDA	6.79		ng/L	9.807		69.3	10-130			
Surrogate: 13C3-PFBS	16.1		ng/L	19.61		82.3	40-135			
Surrogate: 13C3-PFHxS	16.3		ng/L	19.61		82.9	40-130			
Surrogate: 13C8-PFOS	14.5		ng/L	19.61		74.0	40-130			
Surrogate: 13C2-4:2FTS	35.5		ng/L	39.23		90.6	40-200			
Surrogate: 13C2-6:2FTS	34.4		ng/L	39.23		87.8	40-200			
Surrogate: 13C2-8:2FTS	33.5		ng/L	39.23		85.3	40-300			
Surrogate: 13C8-PFOA	13.6		ng/L	19.61		69.2	40-130			
Surrogate: D3-NMeFOSA	12.4		ng/L	19.61		63.1	10-130			
Surrogate: D5-NEtFOSA	11.9		ng/L	19.61		60.9	10-130			
Surrogate: D3-NMeFOSAA	29.6		ng/L	39.23		75.4	40-170			
Surrogate: D5-NEtFOSAA	29.4		ng/L	39.23		75.0	25-135			
Surrogate: D7-NMeFOSE	128		ng/L	196.1		65.3	10-130			
Surrogate: D9-NEtFOSE	124		ng/L	196.1		63.0	10-130			
Surrogate: 13C3-HFPO-DA	63.7		ng/L	78.45		81.2	40-130			

Batch B408000 - EPA 1633

Blank (B408000-BLK1)

Prepared: 06/26/25 Analyzed: 06/27/25

Perfluorobutanoic acid (PFBA)	ND	6.3	ng/L							
Perfluoropentanoic acid (PFPeA)	ND	3.1	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							

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 B408000 - EPA 1633

Blank (B408000-BLK1)

Prepared: 06/26/25 Analyzed: 06/27/25

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							L-03
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	3.1	ng/L							
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	3.1	ng/L							
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	3.1	ng/L							
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	3.1	ng/L							
Surrogate: 13C4-PFBA	69.9		ng/L	78.71		88.9	5-130			
Surrogate: 13C5-PFPeA	34.5		ng/L	39.36		87.7	40-130			
Surrogate: 13C5-PFHxA	17.5		ng/L	19.68		89.1	40-130			
Surrogate: 13C4-PFHpA	18.8		ng/L	19.68		95.4	40-130			
Surrogate: 13C8-PFOA	18.6		ng/L	19.68		94.4	40-130			
Surrogate: 13C9-PFNA	8.61		ng/L	9.839		87.5	40-130			
Surrogate: 13C6-PFDA	8.19		ng/L	9.839		83.3	40-130			
Surrogate: 13C7-PFUnA	8.52		ng/L	9.839		86.6	30-130			
Surrogate: 13C2-PFDoA	8.00		ng/L	9.839		81.4	10-130			
Surrogate: 13C2-PFTeDA	7.94		ng/L	9.839		80.7	10-130			
Surrogate: 13C3-PFBS	18.5		ng/L	19.68		93.8	40-135			
Surrogate: 13C3-PFHxS	17.1		ng/L	19.68		86.8	40-130			
Surrogate: 13C8-PFOS	16.6		ng/L	19.68		84.2	40-130			
Surrogate: 13C2-4:2FTS	37.2		ng/L	39.36		94.5	40-200			
Surrogate: 13C2-6:2FTS	36.0		ng/L	39.36		91.4	40-200			
Surrogate: 13C2-8:2FTS	36.5		ng/L	39.36		92.8	40-300			
Surrogate: 13C8-PFOSA	13.9		ng/L	19.68		70.4	40-130			
Surrogate: D3-NMeFOSA	12.4		ng/L	19.68		62.9	10-130			
Surrogate: D5-NEtFOSA	11.9		ng/L	19.68		60.3	10-130			
Surrogate: D3-NMeFOSAA	32.8		ng/L	39.36		83.4	40-170			
Surrogate: D5-NEtFOSAA	33.3		ng/L	39.36		84.7	25-135			
Surrogate: D7-NMeFOSE	128		ng/L	196.8		65.0	10-130			
Surrogate: D9-NEtFOSE	125		ng/L	196.8		63.4	10-130			
Surrogate: 13C3-HFPO-DA	72.3		ng/L	78.71		91.8	40-130			

LCS (B408000-BS1)

Prepared: 06/26/25 Analyzed: 06/27/25

Perfluorobutanoic acid (PFBA)	75.6	6.3	ng/L	78.54		96.2	70-140			
Perfluoropentanoic acid (PFPeA)	40.0	3.1	ng/L	39.27		102	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 B408000 - EPA 1633										
LCS (B408000-BS1)										
				Prepared: 06/26/25 Analyzed: 06/27/25						
Perfluorohexanoic acid (PFHxA)	18.6	1.6	ng/L	19.64		94.6	70-145			
Perfluoroheptanoic acid (PFHpA)	20.4	1.6	ng/L	19.64		104	70-150			
Perfluorooctanoic acid (PFOA)	18.8	1.6	ng/L	19.64		96.0	70-150			
Perfluorononanoic acid (PFNA)	20.9	1.6	ng/L	19.64		107	70-150			
Perfluorodecanoic acid (PFDA)	20.2	1.6	ng/L	19.64		103	70-140			
Perfluoroundecanoic acid (PFUnA)	21.8	1.6	ng/L	19.64		111	70-145			
Perfluorododecanoic acid (PFDoA)	21.8	1.6	ng/L	19.64		111	70-140			
Perfluorotridecanoic acid (PFTrDA)	21.3	1.6	ng/L	19.64		108	65-140			
Perfluorotetradecanoic acid (PFTeDA)	21.1	1.6	ng/L	19.64		107	60-140			
Perfluorobutanesulfonic acid (PFBS)	18.6	1.6	ng/L	17.44		107	60-145			
Perfluoropentanesulfonic acid (PFPeS)	18.7	1.6	ng/L	18.46		101	65-140			
Perfluorohexanesulfonic acid (PFHxS)	18.2	1.6	ng/L	17.91		101	65-145			
Perfluoroheptanesulfonic acid (PFHpS)	20.0	1.6	ng/L	18.69		107	70-150			
Perfluorooctanesulfonic acid (PFOS)	18.5	1.6	ng/L	18.22		102	55-150			
Perfluorononanesulfonic acid (PFNS)	20.6	1.6	ng/L	18.85		109	65-145			
Perfluorodecanesulfonic acid (PFDS)	21.2	1.6	ng/L	18.93		112	60-145			
Perfluorododecanesulfonic acid (PFDoS)	20.2	1.6	ng/L	19.01		106	50-145			
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	74.6	6.3	ng/L	73.59		101	70-145			
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	82.5	6.3	ng/L	74.69		110	65-155			
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	76.9	6.3	ng/L	75.40		102	60-150			
Perfluorooctanesulfonamide (PFOSA)	18.8	1.6	ng/L	19.64		95.9	70-145			
N-methyl perfluorooctanesulfonamide (NMeFOSA)	17.4	1.6	ng/L	19.64		88.9	60-150			
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	18.4	1.6	ng/L	19.64		93.5	65-145			
N-MeFOSAA (NMeFOSAA)	19.7	1.6	ng/L	19.64		100	50-140			
N-EtFOSAA (NEtFOSAA)	17.9	1.6	ng/L	19.64		91.2	70-145			
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	193	16	ng/L	196.4		98.1	70-145			
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	197	16	ng/L	196.4		100	70-135			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	81.0	6.3	ng/L	78.54		103	70-140			
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	70.7	6.3	ng/L	74.22		95.3	65-145			
9Cl-PF3ONS (F53B Minor)	81.7	6.3	ng/L	73.28		111	70-155			
11Cl-PF3OUdS (F53B Major)	79.1	6.3	ng/L	73.04		108	55-160			
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	72.9	7.9	ng/L	98.18		74.2	65-130			
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	428	39	ng/L	490.9		87.1	70-135			
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	458	39	ng/L	490.9		93.3	50-145			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	38.9	3.1	ng/L	35.03		111	70-140			
Perfluoro-3-methoxypropanoic acid (PFMPA)	38.1	3.1	ng/L	39.27		97.0	55-140			
Perfluoro-4-methoxybutanoic acid (PFMBA)	40.3	3.1	ng/L	39.27		103	60-150			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	41.8	3.1	ng/L	39.27		106	50-150			
Surrogate: 13C4-PFBA	69.6		ng/L	78.54		88.7	5-130			
Surrogate: 13C5-PFPeA	35.0		ng/L	39.27		89.2	40-130			
Surrogate: 13C5-PFHxA	18.3		ng/L	19.64		93.0	40-130			

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 B408000 - EPA 1633

LCS (B408000-BS1)

Prepared: 06/26/25 Analyzed: 06/27/25

Surrogate: 13C4-PFHpa	18.1		ng/L	19.64		92.4	40-130			
Surrogate: 13C8-PFOA	18.1		ng/L	19.64		92.0	40-130			
Surrogate: 13C9-PFNA	8.76		ng/L	9.818		89.3	40-130			
Surrogate: 13C6-PFDA	8.31		ng/L	9.818		84.6	40-130			
Surrogate: 13C7-PFUnA	7.86		ng/L	9.818		80.1	30-130			
Surrogate: 13C2-PFDoA	7.96		ng/L	9.818		81.1	10-130			
Surrogate: 13C2-PFTeDA	7.71		ng/L	9.818		78.6	10-130			
Surrogate: 13C3-PFBS	17.8		ng/L	19.64		90.7	40-135			
Surrogate: 13C3-PFHxS	17.1		ng/L	19.64		86.9	40-130			
Surrogate: 13C8-PFOS	17.5		ng/L	19.64		89.3	40-130			
Surrogate: 13C2-4:2FTS	37.6		ng/L	39.27		95.8	40-200			
Surrogate: 13C2-6:2FTS	37.8		ng/L	39.27		96.2	40-200			
Surrogate: 13C2-8:2FTS	37.0		ng/L	39.27		94.2	40-300			
Surrogate: 13C8-PFOA	15.8		ng/L	19.64		80.5	40-130			
Surrogate: D3-NMeFOSA	13.1		ng/L	19.64		66.8	10-130			
Surrogate: D5-NEtFOSA	13.0		ng/L	19.64		66.1	10-130			
Surrogate: D3-NMeFOSAA	35.6		ng/L	39.27		90.8	40-170			
Surrogate: D5-NEtFOSAA	34.9		ng/L	39.27		88.8	25-135			
Surrogate: D7-NMeFOSE	134		ng/L	196.4		68.5	10-130			
Surrogate: D9-NEtFOSE	134		ng/L	196.4		68.0	10-130			
Surrogate: 13C3-HFPO-DA	73.8		ng/L	78.54		94.0	40-130			

MRL Check (B408000-MRL1)

Prepared: 06/26/25 Analyzed: 06/27/25

Perfluorobutanoic acid (PFBA)	11.1	6.3	ng/L	12.56		88.6	70-140			
Perfluoropentanoic acid (PFPeA)	5.67	3.1	ng/L	6.281		90.3	65-135			
Perfluorohexanoic acid (PFHxA)	2.78	1.6	ng/L	3.140		88.7	70-145			
Perfluoroheptanoic acid (PFHpA)	3.06	1.6	ng/L	3.140		97.4	70-150			
Perfluorooctanoic acid (PFOA)	2.89	1.6	ng/L	3.140		92.0	70-150			
Perfluorononanoic acid (PFNA)	2.88	1.6	ng/L	3.140		91.7	70-150			
Perfluorodecanoic acid (PFDA)	2.74	1.6	ng/L	3.140		87.3	70-140			
Perfluoroundecanoic acid (PFUnA)	2.98	1.6	ng/L	3.140		94.8	70-145			
Perfluorododecanoic acid (PFDoA)	2.86	1.6	ng/L	3.140		91.1	70-140			
Perfluorotridecanoic acid (PFTrDA)	2.75	1.6	ng/L	3.140		87.7	65-140			
Perfluorotetradecanoic acid (PFTeDA)	2.83	1.6	ng/L	3.140		90.0	60-140			
Perfluorobutanesulfonic acid (PFBS)	2.64	1.6	ng/L	2.789		94.7	60-145			
Perfluoropentanesulfonic acid (PFPeS)	2.65	1.6	ng/L	2.952		89.6	65-140			
Perfluorohexanesulfonic acid (PFHxS)	2.48	1.6	ng/L	2.864		86.6	65-145			
Perfluoroheptanesulfonic acid (PFHpS)	2.57	1.6	ng/L	2.990		85.9	70-150			
Perfluorooctanesulfonic acid (PFOS)	2.58	1.6	ng/L	2.914		88.6	55-150			
Perfluorononanesulfonic acid (PFNS)	2.67	1.6	ng/L	3.015		88.6	65-145			
Perfluorodecanesulfonic acid (PFDS)	2.91	1.6	ng/L	3.027		96.2	60-145			
Perfluorododecanesulfonic acid (PFDoS)	2.83	1.6	ng/L	3.040		93.2	50-145			
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	10.7	6.3	ng/L	11.77		90.5	70-145			
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	9.63	6.3	ng/L	11.95		80.6	65-155			
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	11.9	6.3	ng/L	12.06		98.9	60-150			
Perfluorooctanesulfonamide (PFOSA)	2.86	1.6	ng/L	3.140		91.1	70-145			
N-methyl perfluorooctanesulfonamide (NMeFOSA)	2.12	1.6	ng/L	3.140		67.6	60-150			
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	2.66	1.6	ng/L	3.140		84.6	65-145			
N-MeFOSAA (NMeFOSAA)	2.79	1.6	ng/L	3.140		88.9	50-140			

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 B408000 - EPA 1633

MRL Check (B408000-MRL1)

Prepared: 06/26/25 Analyzed: 06/27/25

N-EtFOSAA (NEtFOSAA)	2.24	1.6	ng/L	3.140		71.2	70-145			
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	26.8	16	ng/L	31.40		85.3	70-145			
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	28.4	16	ng/L	31.40		90.4	70-135			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	11.2	6.3	ng/L	12.56		89.1	70-140			
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	10.2	6.3	ng/L	11.87		85.6	65-145			
9Cl-PF3ONS (F53B Minor)	11.5	6.3	ng/L	11.72		98.5	70-155			
11Cl-PF3OUdS (F53B Major)	11.4	6.3	ng/L	11.68		97.6	55-160			
3-Perfluoropropyl propanoic acid (FPrPA)(3:3FTCA)	10.1	7.9	ng/L	15.70		64.1	* 65-130			L-03
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	64.3	39	ng/L	78.51		81.9	70-135			
3-Perfluoroheptyl propanoic acid (FHpPA)(7:3FTCA)	61.5	39	ng/L	78.51		78.4	50-145			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	5.39	3.1	ng/L	5.602		96.2	70-140			
Perfluoro-3-methoxypropanoic acid (PFMPA)	5.56	3.1	ng/L	6.281		88.6	55-140			
Perfluoro-4-methoxybutanoic acid (PFMBA)	5.85	3.1	ng/L	6.281		93.1	60-150			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	6.04	3.1	ng/L	6.281		96.2	50-150			
Surrogate: 13C4-PFBA	72.9		ng/L	78.51		92.9	5-130			
Surrogate: 13C5-PFPeA	35.3		ng/L	39.25		90.0	40-130			
Surrogate: 13C5-PFHxA	18.6		ng/L	19.63		94.6	40-130			
Surrogate: 13C4-PFHpA	18.9		ng/L	19.63		96.1	40-130			
Surrogate: 13C8-PFOA	18.8		ng/L	19.63		95.6	40-130			
Surrogate: 13C9-PFNA	9.19		ng/L	9.814		93.6	40-130			
Surrogate: 13C6-PFDA	9.31		ng/L	9.814		94.9	40-130			
Surrogate: 13C7-PFUnA	8.51		ng/L	9.814		86.7	30-130			
Surrogate: 13C2-PFDoA	9.18		ng/L	9.814		93.5	10-130			
Surrogate: 13C2-PFTeDA	8.30		ng/L	9.814		84.6	10-130			
Surrogate: 13C3-PFBS	19.1		ng/L	19.63		97.5	40-135			
Surrogate: 13C3-PFHxS	18.4		ng/L	19.63		93.6	40-130			
Surrogate: 13C8-PFOS	18.5		ng/L	19.63		94.3	40-130			
Surrogate: 13C2-4:2FTS	39.2		ng/L	39.25		100	40-200			
Surrogate: 13C2-6:2FTS	44.6		ng/L	39.25		114	40-200			
Surrogate: 13C2-8:2FTS	37.8		ng/L	39.25		96.2	40-300			
Surrogate: 13C8-PFOA	15.2		ng/L	19.63		77.3	40-130			
Surrogate: D3-NMeFOSA	13.6		ng/L	19.63		69.3	10-130			
Surrogate: D5-NEtFOSA	13.4		ng/L	19.63		68.5	10-130			
Surrogate: D3-NMeFOSAA	36.3		ng/L	39.25		92.5	40-170			
Surrogate: D5-NEtFOSAA	37.2		ng/L	39.25		94.9	25-135			
Surrogate: D7-NMeFOSE	139		ng/L	196.3		70.7	10-130			
Surrogate: D9-NEtFOSE	134		ng/L	196.3		68.4	10-130			
Surrogate: 13C3-HFPO-DA	74.4		ng/L	78.51		94.7	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-03	Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the low side.
PF-17	Extracted Internal Standard recovery is outside of control limits. Data is not significantly affected since associated analyte is not detected and bias is on the high side.
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>EPA 1633A in Water</i>	
Perfluorobutanoic acid (PFBA)	NY,NH,VA,PA
Perfluoropentanoic acid (PFPeA)	NY,NH,VA,PA
Perfluorohexanoic acid (PFHxA)	NY,NH,VA,PA
Perfluoroheptanoic acid (PFHpA)	NY,NH,VA,PA
Perfluorooctanoic acid (PFOA)	NY,NH,VA,PA
Perfluorononanoic acid (PFNA)	NY,NH,VA,PA
Perfluorodecanoic acid (PFDA)	NY,NH,VA,PA
Perfluoroundecanoic acid (PFUnA)	NY,NH,VA,PA
Perfluorododecanoic acid (PFDoA)	NY,NH,VA,PA
Perfluorotridecanoic acid (PFTrDA)	NY,NH,VA,PA
Perfluorotetradecanoic acid (PFTeDA)	NY,NH,VA,PA
Perfluorobutanesulfonic acid (PFBS)	NY,NH,VA,PA
Perfluoropentanesulfonic acid (PFPeS)	NY,NH,VA,PA
Perfluorohexanesulfonic acid (PFHxS)	NY,NH,VA,PA
Perfluoroheptanesulfonic acid (PFHpS)	NY,NH,VA,PA
Perfluorooctanesulfonic acid (PFOS)	NY,NH,VA,PA
Perfluorononanesulfonic acid (PFNS)	NY,NH,VA,PA
Perfluorodecanesulfonic acid (PFDS)	NY,NH,VA,PA
Perfluorododecanesulfonic acid (PFDoS)	NY,NH,VA,PA
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	NY,NH,VA,PA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	NY,NH,VA,PA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	NY,NH,VA,PA
Perfluorooctanesulfonamide (PFOSA)	NY,NH,VA,PA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NY,NH,VA,PA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NY,NH,VA,PA
N-MeFOSAA (NMeFOSAA)	NY,NH,VA,PA
N-EtFOSAA (NEtFOSAA)	NY,NH,VA,PA
N-methylperfluorooctanesulfonamidoethanol(NMeFOSE)	NY,NH,VA,PA
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	NY,NH,VA,PA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NY,NH,VA,PA
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NY,NH,VA,PA
9Cl-PF3ONS (F53B Minor)	NY,NH,VA,PA
11Cl-PF3OUdS (F53B Major)	NY,NH,VA,PA
3-Perfluoropropyl propanoic acid (FPrPA)(3:3FTCA)	NY,NH,VA,PA
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	NY,NH,VA,PA
3-Perfluoroheptyl propanoic acid (FHpPA)(7:3FTCA)	NY,NH,VA,PA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NY,NH,VA,PA
Perfluoro-3-methoxypropanoic acid (PFMPA)	NY,NH,VA,PA
Perfluoro-4-methoxybutanoic acid (PFMBA)	NY,NH,VA,PA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NY,NH,VA,PA

SW-846 8260D in Water

Acetone	CT,ME,NH,VA,NY,NJ
Benzene	CT,ME,NH,VA,NY,NJ
Bromochloromethane	ME,NH,VA,NY,NJ
Bromodichloromethane	CT,ME,NH,VA,NY,NJ
Bromoform	CT,ME,NH,VA,NY,NJ

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

RAMBOLL

Sampler(s):
(Signature)

Rebecca Britt

Zachary Saltsman

25FOY87

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 Q2 Low-Flow Sampling
Location: Old Bethpage, New York

Laboratory: Pace Analytical Services 39 Spruce St., East Longmeadow, MA 01028
Attn: RJ McCarthy
Phone: 413-525-2332
Package Requirement: Level 2 and Level 3
EDD Format: EQuIS 4-file

Holding Time: Analysis Required
Preservatives: (see key at bottom)

Unique Field Sample ID (sys_sample_code)	Sample Location	Date	Time	Sample Type (See Key)	Sample Matrix (See Key)	Number of Containers		Field Filtered? (Y/N)	DOR TCL VOCs by SW-36/8260	PFAS by 1633	1,4-Dioxane by 8270 SIM	Lab Sample ID:
						Grab [G] or Composite [C]	Field Filtered? (Y/N)					
1 TB-CP-QC-20250605	-----	6/5/2025	10:00	N	TB	3	G	N	X			
2 MW-CPC-39-24-374-20250603-0	MW-CPC-39	6/3/2025	16:40	N	WG	8	G	N	X	X		
3 MW-CPC-40-24-312-20250604-0	MW-CPC-40	6/4/2025	8:40	N	WG	8	G	N	X	X		
4 MW-CPC-40-24-312-20250604-1	MW-CPC-40	6/4/2025	8:40	N	WQ	8	G	N	X	X		
5 MW-CPC-40-24-312-20250604-2	MW-CPC-40	6/4/2025	10:00	N	EB	1	G	N	X			
6 MW-CPC-36-24-251-20250604-0	MW-CPC-36	6/4/2025	11:25	N	WG	8	G	N	X	X		
7 MW-CPC-37-24-445-20250604-0	MW-CPC-37	6/4/2025	14:10	N	WG	8	G	N	X	X		
8 MW-CPC-38-24-391-20250604-0	MW-CPC-38	6/4/2025	16:50	N	WG	8	G	N	X	X		
9 MW-CPC-41-24-258-20250605-0	MW-CPC-41	6/5/2025	8:20	N	WG	8	G	N	X	X		
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: *Zachary Saltsman*

Of: Ramboll

Reinquired by: *MO A Pace*

Carrier Name: FedEx

Date: 6/5/2025

Time: 0758

Date: 6/5/25

Time: 2116

Received By: *Sayed P-A-Z*

Of: Pace Analytical Services

Tracking #: *MO A Pace*

Received By: *MO A Pace*

Date: 6/5/25

Time: 1920

Condition:

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:

N = Normal env. sample, FD = field duplicate, EB = Equipment Blank, TB = Trip Blank, MS = Lab Matrix Spike, Other (Specify): FRB = Field Reagent Blank
 SE = Sediment, SO = Soil, WG = Groundwater, WQ = Water Quality, WS = Surface Water, WW = Waste Water, WP = Potable Water, AA = Ambient Air, Other (Specify):
 Analyte Code: 0 = none, 1 = HCL, 2 = HNO3, 3 = H2SO4, 4 = NaOH, 5 = Zn Acetate, 6 = MeOH, 7 = NaHSO4, 8 = Na2PO4, 9 = BenzalkoniumCl, 10 = other

Shuff 6.6 6120 *Shuff* 6.5 2020 *Shuff* Confidential *Shuff* 6/6/25 120 *Shuff* 0.8, 3.6, 0.6

Sample	Soils Jars (Circle Amb/Clear)				Ambers				Plastics						VOA Vials				Other / Fill in								
	16oz Amb/Clear	8oz Amb/Clear	4oz Amb/Clear	2oz Amb/Clear	1 Liter	250ml	100ml	Unpreserved	Unpreserved	HCL	Sulfuric	Sulfuric	Phosphoric	HCl	Unpreserved	1 Liter	500ml	250ml				Unpreserved	HCl	MeOH	D.I. Water	Bisulfate	Col/Bact
1																											
2																											
3																											
4																											
5																											
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19																											
20																											

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

June 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: 25F0801

Enclosed are results of analyses for samples as received by the laboratory on June 11, 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
25F0801-01	5
25F0801-02	7
25F0801-03	9
25F0801-04	11
25F0801-05	13
25F0801-06	15
25F0801-07	17
25F0801-08	19
25F0801-09	21
25F0801-10	23
25F0801-11	25
25F0801-12	27
25F0801-13	29
25F0801-14	31
Sample Preparation Information	33
QC Data	34
Volatile Organic Compounds by GC/MS	34
B407317	34
B407403	37
Flag/Qualifier Summary	42
Certifications	43
Chain of Custody/Sample Receipt	45



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: 6/18/2025

PURCHASE ORDER NUMBER: 151811

PROJECT NUMBER: 130015

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 25F0801

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-20250609	25F0801-01	Trip Blank Water		SW-846 8260D	
EW11D-CP-00-20250609	25F0801-02	Ground Water		SW-846 8260D	
EW12D-CP-00-20250609	25F0801-03	Ground Water		SW-846 8260D	
EW4D-CP-00-20250609	25F0801-04	Ground Water		SW-846 8260D	
EW4B-CP-00-20250609	25F0801-05	Ground Water		SW-846 8260D	
EW4C-CP-00-20250609	25F0801-06	Ground Water		SW-846 8260D	
EW4A-CP-00-20250609	25F0801-07	Ground Water		SW-846 8260D	
WT01-CP-00-20250609	25F0801-08	Ground Water		SW-846 8260D	
EW14D-CP-00-20250609	25F0801-09	Ground Water		SW-846 8260D	
M30BR-CP-00-20250610	25F0801-10	Ground Water		SW-846 8260D	
BP3A-CP-00-20250610	25F0801-11	Ground Water		SW-846 8260D	
BP3B-CP-00-20250610	25F0801-12	Ground Water		SW-846 8260D	
BP3C-CP-00-20250610	25F0801-13	Ground Water		SW-846 8260D	
BP3C-CP-01-20250610	25F0801-14	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:

RL-11

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

25F0801-02[EW11D-CP-00-20250609], 25F0801-03[EW12D-CP-00-20250609]

V-05

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

Analyte & Samples(s) Qualified:

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

25F0801-02[EW11D-CP-00-20250609], 25F0801-03[EW12D-CP-00-20250609], B407403-BLK1, B407403-BS1, B407403-BSD1, S122678-CCV1

V-20

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

Analyte & Samples(s) Qualified:

Bromochloromethane

B407317-BS1, B407317-BSD1, S122606-CCV1

Dichlorodifluoromethane (Freon 12)

B407403-BS1, B407403-BSD1, S122678-CCV1

Methyl Cyclohexane

B407403-BS1, B407403-BSD1, S122678-CCV1

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

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



Lisa A. Worthington
Technical Representative

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25F0801

Date Received: 6/11/2025

Field Sample #: TB-CPC-QC-20250609

Sampled: 6/9/2025 08:00

Sample ID: 25F0801-01

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	6/13/25	6/14/25 2:52	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	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: 25F0801

Date Received: 6/11/2025

Field Sample #: TB-CPC-QC-20250609

Sampled: 6/9/2025 08:00

Sample ID: 25F0801-01

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	6/13/25	6/14/25 2:52	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 2:52	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		100	70-130					6/14/25 2:52	
Toluene-d8		99.4	70-130					6/14/25 2:52	
4-Bromofluorobenzene		91.8	70-130					6/14/25 2:52	

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: 25F0801

Date Received: 6/11/2025

Field Sample #: EW11D-CP-00-20250609

Sampled: 6/9/2025 16:05

Sample ID: 25F0801-02

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	730	100	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
Benzene	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
Bromochloromethane	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
Bromodichloromethane	ND	1.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
Bromoform	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
Bromomethane	ND	4.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
2-Butanone (MEK)	ND	40	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
n-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
sec-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
tert-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
Carbon Disulfide	ND	10	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
Carbon Tetrachloride	ND	10	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
Chlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
Chlorodibromomethane	ND	1.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
Chloroethane	ND	4.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
Chloroform	ND	4.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
Chloromethane	ND	4.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
Cyclohexane	ND	10	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	µg/L	2	V-05	SW-846 8260D	6/16/25	6/16/25 17:58	MFF
1,2-Dibromoethane (EDB)	ND	1.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
1,2-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
1,3-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
1,4-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
Dichlorodifluoromethane (Freon 12)	ND	4.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
1,1-Dichloroethane	3.3	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
1,2-Dichloroethane	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
1,1-Dichloroethylene	17	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
cis-1,2-Dichloroethylene	5.3	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
trans-1,2-Dichloroethylene	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
1,2-Dichloropropane	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
cis-1,3-Dichloropropene	ND	1.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
trans-1,3-Dichloropropene	ND	1.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
Ethylbenzene	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
2-Hexanone (MBK)	ND	20	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
Isopropylbenzene (Cumene)	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
p-Isopropyltoluene (p-Cymene)	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
Methyl Acetate	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
Methyl tert-Butyl Ether (MTBE)	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
Methyl Cyclohexane	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
Methylene Chloride	ND	10	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
4-Methyl-2-pentanone (MIBK)	ND	20	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
Naphthalene	ND	4.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
n-Propylbenzene	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
Styrene	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	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: 25F0801

Date Received: 6/11/2025

Field Sample #: EW11D-CP-00-20250609

Sampled: 6/9/2025 16:05

Sample ID: 25F0801-02

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	6/16/25	6/16/25 17:58	MFF
Tetrachloroethylene	55	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
Toluene	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
1,2,3-Trichlorobenzene	ND	10	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
1,2,4-Trichlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
1,1,1-Trichloroethane	7.6	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
1,1,2-Trichloroethane	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
Trichloroethylene	140	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
Trichlorofluoromethane (Freon 11)	ND	4.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
1,2,3-Trichloropropane	ND	4.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
1,2,4-Trimethylbenzene	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
1,3,5-Trimethylbenzene	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
Vinyl Chloride	ND	4.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
m+p Xylene	ND	4.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
o-Xylene	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
Xylenes (total)	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 17:58	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		103	70-130				6/16/25	17:58	
Toluene-d8		99.4	70-130				6/16/25	17:58	
4-Bromofluorobenzene		90.6	70-130				6/16/25	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: 25F0801

Date Received: 6/11/2025

Field Sample #: EW12D-CP-00-20250609

Sampled: 6/9/2025 16:15

Sample ID: 25F0801-03

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	720	200	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
Benzene	ND	4.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
Bromochloromethane	ND	4.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
Bromodichloromethane	ND	2.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
Bromoform	ND	4.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
Bromomethane	ND	8.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
2-Butanone (MEK)	ND	80	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
n-Butylbenzene	ND	4.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
sec-Butylbenzene	ND	4.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
tert-Butylbenzene	ND	4.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
Carbon Disulfide	ND	20	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
Carbon Tetrachloride	ND	20	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
Chlorobenzene	ND	4.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
Chlorodibromomethane	ND	2.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
Chloroethane	ND	8.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
Chloroform	ND	8.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
Chloromethane	ND	8.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
Cyclohexane	ND	20	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	20	µg/L	4	V-05	SW-846 8260D	6/16/25	6/16/25 18:25	MFF
1,2-Dibromoethane (EDB)	ND	2.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
1,2-Dichlorobenzene	ND	4.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
1,3-Dichlorobenzene	ND	4.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
1,4-Dichlorobenzene	ND	4.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
Dichlorodifluoromethane (Freon 12)	ND	8.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
1,1-Dichloroethane	ND	4.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
1,2-Dichloroethane	ND	4.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
1,1-Dichloroethylene	ND	4.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
cis-1,2-Dichloroethylene	5.4	4.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
trans-1,2-Dichloroethylene	ND	4.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
1,2-Dichloropropane	ND	4.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
cis-1,3-Dichloropropene	ND	2.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
trans-1,3-Dichloropropene	ND	2.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
Ethylbenzene	ND	4.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
2-Hexanone (MBK)	ND	40	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
Isopropylbenzene (Cumene)	ND	4.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
p-Isopropyltoluene (p-Cymene)	ND	4.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
Methyl Acetate	ND	4.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
Methyl tert-Butyl Ether (MTBE)	ND	4.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
Methyl Cyclohexane	ND	4.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
Methylene Chloride	ND	20	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
4-Methyl-2-pentanone (MIBK)	ND	40	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
Naphthalene	ND	8.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
n-Propylbenzene	ND	4.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
Styrene	ND	4.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	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: 25F0801

Date Received: 6/11/2025

Field Sample #: EW12D-CP-00-20250609

Sampled: 6/9/2025 16:15

Sample ID: 25F0801-03

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	6/16/25	6/16/25 18:25	MFF
Tetrachloroethylene	32	4.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
Toluene	ND	4.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
1,2,3-Trichlorobenzene	ND	20	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
1,2,4-Trichlorobenzene	ND	4.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
1,1,1-Trichloroethane	ND	4.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
1,1,2-Trichloroethane	ND	4.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
Trichloroethylene	320	4.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
Trichlorofluoromethane (Freon 11)	ND	8.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
1,2,3-Trichloropropane	ND	8.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	4.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
1,2,4-Trimethylbenzene	ND	4.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
1,3,5-Trimethylbenzene	ND	4.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
Vinyl Chloride	ND	8.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
m+p Xylene	ND	8.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
o-Xylene	ND	4.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
Xylenes (total)	ND	4.0	µg/L	4		SW-846 8260D	6/16/25	6/16/25 18:25	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		103		70-130			6/16/25	18:25	
Toluene-d8		101		70-130			6/16/25	18:25	
4-Bromofluorobenzene		89.6		70-130			6/16/25	18:25	

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: 25F0801

Date Received: 6/11/2025

Field Sample #: EW4D-CP-00-20250609

Sampled: 6/9/2025 16:20

Sample ID: 25F0801-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	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: 25F0801

Date Received: 6/11/2025

Field Sample #: EW4D-CP-00-20250609

Sampled: 6/9/2025 16:20

Sample ID: 25F0801-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:19	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		101	70-130					6/14/25 3:19	
Toluene-d8		97.4	70-130					6/14/25 3:19	
4-Bromofluorobenzene		91.4	70-130					6/14/25 3:19	

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: 25F0801

Date Received: 6/11/2025

Field Sample #: EW4B-CP-00-20250609

Sampled: 6/9/2025 16:21

Sample ID: 25F0801-05

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	110	50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	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: 25F0801

Date Received: 6/11/2025

Field Sample #: EW4B-CP-00-20250609

Sampled: 6/9/2025 16:21

Sample ID: 25F0801-05

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	6/13/25	6/14/25 3:45	MFF
Tetrachloroethylene	1.3	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
Trichloroethylene	2.2	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 3:45	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		97.8		70-130				6/14/25 3:45	
Toluene-d8		99.2		70-130				6/14/25 3:45	
4-Bromofluorobenzene		92.2		70-130				6/14/25 3:45	

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: 25F0801

Date Received: 6/11/2025

Field Sample #: EW4C-CP-00-20250609

Sampled: 6/9/2025 16:22

Sample ID: 25F0801-06

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	220	50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
trans-1,2-Dichloroethylene	1.4	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	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: 25F0801

Date Received: 6/11/2025

Field Sample #: EW4C-CP-00-20250609

Sampled: 6/9/2025 16:22

Sample ID: 25F0801-06

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	6/13/25	6/14/25 9:33	MFF
Tetrachloroethylene	2.7	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
Trichloroethylene	33	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:33	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		103	70-130					6/14/25 9:33	
Toluene-d8		98.0	70-130					6/14/25 9:33	
4-Bromofluorobenzene		89.0	70-130					6/14/25 9:33	

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: 25F0801

Date Received: 6/11/2025

Field Sample #: EW4A-CP-00-20250609

Sampled: 6/9/2025 16:23

Sample ID: 25F0801-07

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	230	50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
cis-1,2-Dichloroethylene	50	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	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: 25F0801

Date Received: 6/11/2025

Field Sample #: EW4A-CP-00-20250609

Sampled: 6/9/2025 16:23

Sample ID: 25F0801-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
Tetrachloroethylene	30	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
Trichloroethylene	3.9	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:53	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		103		70-130				6/14/25 10:53	
Toluene-d8		97.3		70-130				6/14/25 10:53	
4-Bromofluorobenzene		93.7		70-130				6/14/25 10:53	

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: 25F0801

Date Received: 6/11/2025

Field Sample #: WT01-CP-00-20250609

Sampled: 6/9/2025 16:55

Sample ID: 25F0801-08

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	130	50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	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: 25F0801

Date Received: 6/11/2025

Field Sample #: WT01-CP-00-20250609

Sampled: 6/9/2025 16:55

Sample ID: 25F0801-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:12	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		101	70-130					6/14/25 4:12	
Toluene-d8		99.8	70-130					6/14/25 4:12	
4-Bromofluorobenzene		92.7	70-130					6/14/25 4:12	

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: 25F0801

Date Received: 6/11/2025

Field Sample #: EW14D-CP-00-20250609

Sampled: 6/9/2025 17:10

Sample ID: 25F0801-09

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	240	50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
1,1-Dichloroethylene	1.6	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	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: 25F0801

Date Received: 6/11/2025

Field Sample #: EW14D-CP-00-20250609

Sampled: 6/9/2025 17:10

Sample ID: 25F0801-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
Trichloroethylene	21	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:59	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		101	70-130					6/14/25 9:59	
Toluene-d8		100	70-130					6/14/25 9:59	
4-Bromofluorobenzene		94.2	70-130					6/14/25 9:59	

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: 25F0801

Date Received: 6/11/2025

Field Sample #: M30BR-CP-00-20250610

Sampled: 6/10/2025 07:10

Sample ID: 25F0801-10

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	330	50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	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: 25F0801

Date Received: 6/11/2025

Field Sample #: M30BR-CP-00-20250610

Sampled: 6/10/2025 07:10

Sample ID: 25F0801-10

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 4:39	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		99.2		70-130				6/14/25 4:39	
Toluene-d8		98.4		70-130				6/14/25 4:39	
4-Bromofluorobenzene		91.1		70-130				6/14/25 4:39	

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: 25F0801

Date Received: 6/11/2025

Field Sample #: BP3A-CP-00-20250610

Sampled: 6/10/2025 08:20

Sample ID: 25F0801-11

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	220	50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	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: 25F0801

Date Received: 6/11/2025

Field Sample #: BP3A-CP-00-20250610

Sampled: 6/10/2025 08:20

Sample ID: 25F0801-11

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:06	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		100		70-130				6/14/25 5:06	
Toluene-d8		97.6		70-130				6/14/25 5:06	
4-Bromofluorobenzene		90.1		70-130				6/14/25 5:06	

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: 25F0801

Date Received: 6/11/2025

Field Sample #: BP3B-CP-00-20250610

Sampled: 6/10/2025 08:21

Sample ID: 25F0801-12

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	160	50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
1,1-Dichloroethane	2.2	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
cis-1,2-Dichloroethylene	7.8	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	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: 25F0801

Date Received: 6/11/2025

Field Sample #: BP3B-CP-00-20250610

Sampled: 6/10/2025 08:21

Sample ID: 25F0801-12

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	6/13/25	6/14/25 5:32	MFF
Tetrachloroethylene	6.4	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
Trichloroethylene	1.1	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:32	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		102	70-130					6/14/25 5:32	
Toluene-d8		98.0	70-130					6/14/25 5:32	
4-Bromofluorobenzene		92.2	70-130					6/14/25 5:32	

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: 25F0801

Date Received: 6/11/2025

Field Sample #: BP3C-CP-00-20250610

Sampled: 6/10/2025 08:22

Sample ID: 25F0801-13

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	200	50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
cis-1,2-Dichloroethylene	2.7	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	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: 25F0801

Date Received: 6/11/2025

Field Sample #: BP3C-CP-00-20250610

Sampled: 6/10/2025 08:22

Sample ID: 25F0801-13

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	6/13/25	6/14/25 10:26	MFF
Tetrachloroethylene	6.3	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 10:26	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		102	70-130					6/14/25 10:26	
Toluene-d8		97.8	70-130					6/14/25 10:26	
4-Bromofluorobenzene		90.8	70-130					6/14/25 10:26	

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: 25F0801

Date Received: 6/11/2025

Field Sample #: BP3C-CP-01-20250610

Sampled: 6/10/2025 08:22

Sample ID: 25F0801-14

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	180	50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
cis-1,2-Dichloroethylene	2.7	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	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: 25F0801

Date Received: 6/11/2025

Field Sample #: BP3C-CP-01-20250610

Sampled: 6/10/2025 08:22

Sample ID: 25F0801-14

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	6/13/25	6/14/25 5:59	MFF
Tetrachloroethylene	6.5	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 5:59	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		98.9	70-130					6/14/25 5:59	
Toluene-d8		100	70-130					6/14/25 5:59	
4-Bromofluorobenzene		92.2	70-130					6/14/25 5:59	

Sample Extraction Data

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
25F0801-01 [TB-CPC-QC-20250609]	B407317	5	5.00	06/13/25
25F0801-04 [EW4D-CP-00-20250609]	B407317	5	5.00	06/13/25
25F0801-05 [EW4B-CP-00-20250609]	B407317	5	5.00	06/13/25
25F0801-06 [EW4C-CP-00-20250609]	B407317	5	5.00	06/13/25
25F0801-07 [EW4A-CP-00-20250609]	B407317	5	5.00	06/13/25
25F0801-08 [WT01-CP-00-20250609]	B407317	5	5.00	06/13/25
25F0801-09 [EW14D-CP-00-20250609]	B407317	5	5.00	06/13/25
25F0801-10 [M30BR-CP-00-20250610]	B407317	5	5.00	06/13/25
25F0801-11 [BP3A-CP-00-20250610]	B407317	5	5.00	06/13/25
25F0801-12 [BP3B-CP-00-20250610]	B407317	5	5.00	06/13/25
25F0801-13 [BP3C-CP-00-20250610]	B407317	5	5.00	06/13/25
25F0801-14 [BP3C-CP-01-20250610]	B407317	5	5.00	06/13/25

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
25F0801-02 [EW11D-CP-00-20250609]	B407403	2.5	5.00	06/16/25
25F0801-03 [EW12D-CP-00-20250609]	B407403	1.25	5.00	06/16/25

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 B407317 - SW-846 5030B

Blank (B407317-BLK1)

Prepared: 06/13/25 Analyzed: 06/14/25

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							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
Cyclohexane	ND	5.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl Acetate	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methyl Cyclohexane	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							

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

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B407317 - SW-846 5030B										
Blank (B407317-BLK1)										
					Prepared: 06/13/25 Analyzed: 06/14/25					
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	25.0		µg/L	25.00		99.8	70-130			
Surrogate: Toluene-d8	25.2		µg/L	25.00		101	70-130			
Surrogate: 4-Bromofluorobenzene	22.1		µg/L	25.00		88.2	70-130			
LCS (B407317-BS1)										
					Prepared: 06/13/25 Analyzed: 06/14/25					
Acetone	91.9	50	µg/L	100.0		91.9	70-160			†
Benzene	11.4	1.0	µg/L	10.00		114	70-130			
Bromochloromethane	12.7	1.0	µg/L	10.00		127	70-130			V-20
Bromodichloromethane	10.3	0.50	µg/L	10.00		103	70-130			
Bromoform	8.11	1.0	µg/L	10.00		81.1	70-130			
Bromomethane	9.76	2.0	µg/L	10.00		97.6	40-160			†
2-Butanone (MEK)	110	20	µg/L	100.0		110	40-160			†
n-Butylbenzene	9.15	1.0	µg/L	10.00		91.5	70-130			
sec-Butylbenzene	9.69	1.0	µg/L	10.00		96.9	70-130			
tert-Butylbenzene	10.1	1.0	µg/L	10.00		101	70-130			
Carbon Disulfide	112	5.0	µg/L	100.0		112	70-130			
Carbon Tetrachloride	10.4	5.0	µg/L	10.00		104	70-130			
Chlorobenzene	10.3	1.0	µg/L	10.00		103	70-130			
Chlorodibromomethane	9.96	0.50	µg/L	10.00		99.6	70-130			
Chloroethane	8.74	2.0	µg/L	10.00		87.4	70-130			
Chloroform	11.0	2.0	µg/L	10.00		110	70-130			
Chloromethane	11.2	2.0	µg/L	10.00		112	40-160			†
Cyclohexane	11.1	5.0	µg/L	10.00		111	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	9.09	5.0	µg/L	10.00		90.9	70-130			
1,2-Dibromoethane (EDB)	10.5	0.50	µg/L	10.00		105	70-130			
1,2-Dichlorobenzene	9.81	1.0	µg/L	10.00		98.1	70-130			
1,3-Dichlorobenzene	9.97	1.0	µg/L	10.00		99.7	70-130			
1,4-Dichlorobenzene	9.61	1.0	µg/L	10.00		96.1	70-130			
Dichlorodifluoromethane (Freon 12)	10.9	2.0	µg/L	10.00		109	40-160			†
1,1-Dichloroethane	11.4	1.0	µg/L	10.00		114	70-130			
1,2-Dichloroethane	10.4	1.0	µg/L	10.00		104	70-130			
1,1-Dichloroethylene	9.25	1.0	µg/L	10.00		92.5	70-130			
cis-1,2-Dichloroethylene	11.1	1.0	µg/L	10.00		111	70-130			
trans-1,2-Dichloroethylene	10.6	1.0	µg/L	10.00		106	70-130			
1,2-Dichloropropane	11.3	1.0	µg/L	10.00		113	70-130			
cis-1,3-Dichloropropene	10.7	0.50	µg/L	10.00		107	70-130			
trans-1,3-Dichloropropene	10.9	0.50	µg/L	10.00		109	70-130			
Ethylbenzene	10.6	1.0	µg/L	10.00		106	70-130			
2-Hexanone (MBK)	95.7	10	µg/L	100.0		95.7	70-160			†
Isopropylbenzene (Cumene)	9.99	1.0	µg/L	10.00		99.9	70-130			
p-Isopropyltoluene (p-Cymene)	9.89	1.0	µg/L	10.00		98.9	70-130			
Methyl Acetate	9.00	1.0	µg/L	10.00		90.0	70-130			
Methyl tert-Butyl Ether (MTBE)	10.5	1.0	µg/L	10.00		105	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 B407317 - SW-846 5030B

LCS (B407317-BS1)

Prepared: 06/13/25 Analyzed: 06/14/25

Methyl Cyclohexane	11.6	1.0	µg/L	10.00		116	70-130			
Methylene Chloride	11.2	5.0	µg/L	10.00		112	70-130			
4-Methyl-2-pentanone (MIBK)	97.1	10	µg/L	100.0		97.1	70-160			†
Naphthalene	8.51	2.0	µg/L	10.00		85.1	40-130			†
n-Propylbenzene	10.2	1.0	µg/L	10.00		102	70-130			
Styrene	10.8	1.0	µg/L	10.00		108	70-130			
1,1,2,2-Tetrachloroethane	9.76	0.50	µg/L	10.00		97.6	70-130			
Tetrachloroethylene	9.96	1.0	µg/L	10.00		99.6	70-130			
Toluene	10.4	1.0	µg/L	10.00		104	70-130			
1,2,3-Trichlorobenzene	10.8	5.0	µg/L	10.00		108	70-130			
1,2,4-Trichlorobenzene	10.1	1.0	µg/L	10.00		101	70-130			
1,1,1-Trichloroethane	10.4	1.0	µg/L	10.00		104	70-130			
1,1,2-Trichloroethane	10.8	1.0	µg/L	10.00		108	70-130			
Trichloroethylene	11.3	1.0	µg/L	10.00		113	70-130			
Trichlorofluoromethane (Freon 11)	9.76	2.0	µg/L	10.00		97.6	70-130			
1,2,3-Trichloropropane	8.34	2.0	µg/L	10.00		83.4	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.72	1.0	µg/L	10.00		87.2	70-130			
1,2,4-Trimethylbenzene	9.86	1.0	µg/L	10.00		98.6	70-130			
1,3,5-Trimethylbenzene	9.66	1.0	µg/L	10.00		96.6	70-130			
Vinyl Chloride	9.84	2.0	µg/L	10.00		98.4	40-160			†
m+p Xylene	20.7	2.0	µg/L	20.00		103	70-130			
o-Xylene	10.2	1.0	µg/L	10.00		102	70-130			
Xylenes (total)	30.9	1.0	µg/L	30.00		103	0-200			
Surrogate: 1,2-Dichloroethane-d4	25.4		µg/L	25.00		102	70-130			
Surrogate: Toluene-d8	24.7		µg/L	25.00		98.8	70-130			
Surrogate: 4-Bromofluorobenzene	24.8		µg/L	25.00		99.1	70-130			

LCS Dup (B407317-BS1)

Prepared: 06/13/25 Analyzed: 06/14/25

Acetone	92.8	50	µg/L	100.0		92.8	70-160	0.975	25	†
Benzene	11.9	1.0	µg/L	10.00		119	70-130	3.69	25	
Bromochloromethane	13.0	1.0	µg/L	10.00		130	70-130	2.57	25	V-20
Bromodichloromethane	10.7	0.50	µg/L	10.00		107	70-130	3.52	25	
Bromoform	8.60	1.0	µg/L	10.00		86.0	70-130	5.86	25	
Bromomethane	10.3	2.0	µg/L	10.00		103	40-160	5.67	25	†
2-Butanone (MEK)	111	20	µg/L	100.0		111	40-160	0.949	25	†
n-Butylbenzene	10.3	1.0	µg/L	10.00		103	70-130	11.4	25	
sec-Butylbenzene	10.1	1.0	µg/L	10.00		101	70-130	4.04	25	
tert-Butylbenzene	11.0	1.0	µg/L	10.00		110	70-130	8.71	25	
Carbon Disulfide	113	5.0	µg/L	100.0		113	70-130	0.921	25	
Carbon Tetrachloride	10.6	5.0	µg/L	10.00		106	70-130	1.43	25	
Chlorobenzene	11.0	1.0	µg/L	10.00		110	70-130	6.40	25	
Chlorodibromomethane	9.82	0.50	µg/L	10.00		98.2	70-130	1.42	25	
Chloroethane	9.62	2.0	µg/L	10.00		96.2	70-130	9.59	25	
Chloroform	11.5	2.0	µg/L	10.00		115	70-130	4.43	25	
Chloromethane	11.2	2.0	µg/L	10.00		112	40-160	0.447	25	†
Cyclohexane	11.4	5.0	µg/L	10.00		114	70-130	2.85	25	
1,2-Dibromo-3-chloropropane (DBCP)	9.37	5.0	µg/L	10.00		93.7	70-130	3.03	25	
1,2-Dibromoethane (EDB)	11.0	0.50	µg/L	10.00		110	70-130	4.27	25	
1,2-Dichlorobenzene	10.4	1.0	µg/L	10.00		104	70-130	6.22	25	
1,3-Dichlorobenzene	10.6	1.0	µg/L	10.00		106	70-130	6.31	25	
1,4-Dichlorobenzene	10.7	1.0	µg/L	10.00		107	70-130	10.7	25	
Dichlorodifluoromethane (Freon 12)	11.6	2.0	µg/L	10.00		116	40-160	6.03	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 B407317 - SW-846 5030B										
LCS Dup (B407317-BSD1)										
					Prepared: 06/13/25 Analyzed: 06/14/25					
1,1-Dichloroethane	11.8	1.0	µg/L	10.00		118	70-130	2.67	25	
1,2-Dichloroethane	10.9	1.0	µg/L	10.00		109	70-130	4.80	25	
1,1-Dichloroethylene	9.54	1.0	µg/L	10.00		95.4	70-130	3.09	25	
cis-1,2-Dichloroethylene	11.5	1.0	µg/L	10.00		115	70-130	4.07	25	
trans-1,2-Dichloroethylene	11.1	1.0	µg/L	10.00		111	70-130	5.26	25	
1,2-Dichloropropane	11.8	1.0	µg/L	10.00		118	70-130	4.24	25	
cis-1,3-Dichloropropene	11.1	0.50	µg/L	10.00		111	70-130	3.67	25	
trans-1,3-Dichloropropene	11.2	0.50	µg/L	10.00		112	70-130	2.63	25	
Ethylbenzene	11.2	1.0	µg/L	10.00		112	70-130	5.70	25	
2-Hexanone (MBK)	101	10	µg/L	100.0		101	70-160	5.59	25	†
Isopropylbenzene (Cumene)	10.7	1.0	µg/L	10.00		107	70-130	6.96	25	
p-Isopropyltoluene (p-Cymene)	10.3	1.0	µg/L	10.00		103	70-130	4.26	25	
Methyl Acetate	9.21	1.0	µg/L	10.00		92.1	70-130	2.31	25	
Methyl tert-Butyl Ether (MTBE)	11.0	1.0	µg/L	10.00		110	70-130	4.56	25	
Methyl Cyclohexane	11.9	1.0	µg/L	10.00		119	70-130	2.46	25	
Methylene Chloride	11.0	5.0	µg/L	10.00		110	70-130	1.44	25	
4-Methyl-2-pentanone (MIBK)	102	10	µg/L	100.0		102	70-160	4.66	25	†
Naphthalene	9.69	2.0	µg/L	10.00		96.9	40-130	13.0	25	†
n-Propylbenzene	10.9	1.0	µg/L	10.00		109	70-130	6.71	25	
Styrene	11.1	1.0	µg/L	10.00		111	70-130	2.56	25	
1,1,2,2-Tetrachloroethane	10.1	0.50	µg/L	10.00		101	70-130	3.42	25	
Tetrachloroethylene	11.2	1.0	µg/L	10.00		112	70-130	11.8	25	
Toluene	11.1	1.0	µg/L	10.00		111	70-130	6.68	25	
1,2,3-Trichlorobenzene	11.1	5.0	µg/L	10.00		111	70-130	2.75	25	
1,2,4-Trichlorobenzene	10.8	1.0	µg/L	10.00		108	70-130	6.42	25	
1,1,1-Trichloroethane	10.7	1.0	µg/L	10.00		107	70-130	2.66	25	
1,1,2-Trichloroethane	11.5	1.0	µg/L	10.00		115	70-130	6.12	25	
Trichloroethylene	11.5	1.0	µg/L	10.00		115	70-130	2.28	25	
Trichlorofluoromethane (Freon 11)	10.0	2.0	µg/L	10.00		100	70-130	2.83	25	
1,2,3-Trichloropropane	9.02	2.0	µg/L	10.00		90.2	70-130	7.83	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.25	1.0	µg/L	10.00		92.5	70-130	5.90	25	
1,2,4-Trimethylbenzene	10.4	1.0	µg/L	10.00		104	70-130	5.52	25	
1,3,5-Trimethylbenzene	10.4	1.0	µg/L	10.00		104	70-130	7.76	25	
Vinyl Chloride	10.5	2.0	µg/L	10.00		105	40-160	6.68	25	†
m+p Xylene	21.7	2.0	µg/L	20.00		109	70-130	4.81	25	
o-Xylene	10.8	1.0	µg/L	10.00		108	70-130	5.88	25	
Xylenes (total)	32.6	1.0	µg/L	30.00		109	0-200	5.17		
Surrogate: 1,2-Dichloroethane-d4	24.9		µg/L	25.00		99.4	70-130			
Surrogate: Toluene-d8	25.3		µg/L	25.00		101	70-130			
Surrogate: 4-Bromofluorobenzene	24.9		µg/L	25.00		99.7	70-130			

Batch B407403 - SW-846 5030B

Blank (B407403-BLK1)

Prepared & Analyzed: 06/16/25

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 B407403 - SW-846 5030B										
Blank (B407403-BLK1)										
Prepared & Analyzed: 06/16/25										
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							V-05
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl Acetate	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methyl Cyclohexane	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							
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 B407403 - SW-846 5030B										
Blank (B407403-BLK1)										
Prepared & Analyzed: 06/16/25										
o-Xylene	ND	1.0	µg/L							
Xylenes (total)	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	24.7		µg/L	25.00		98.7	70-130			
Surrogate: Toluene-d8	25.4		µg/L	25.00		102	70-130			
Surrogate: 4-Bromofluorobenzene	23.2		µg/L	25.00		92.6	70-130			
LCS (B407403-BS1)										
Prepared & Analyzed: 06/16/25										
Acetone	96.6	50	µg/L	100.0		96.6	70-160			†
Benzene	11.0	1.0	µg/L	10.00		110	70-130			
Bromochloromethane	12.2	1.0	µg/L	10.00		122	70-130			
Bromodichloromethane	10.2	0.50	µg/L	10.00		102	70-130			
Bromoform	8.58	1.0	µg/L	10.00		85.8	70-130			
Bromomethane	9.37	2.0	µg/L	10.00		93.7	40-160			†
2-Butanone (MEK)	118	20	µg/L	100.0		118	40-160			†
n-Butylbenzene	10.1	1.0	µg/L	10.00		101	70-130			
sec-Butylbenzene	9.55	1.0	µg/L	10.00		95.5	70-130			
tert-Butylbenzene	10.0	1.0	µg/L	10.00		100	70-130			
Carbon Disulfide	108	5.0	µg/L	100.0		108	70-130			
Carbon Tetrachloride	10.1	5.0	µg/L	10.00		101	70-130			
Chlorobenzene	9.69	1.0	µg/L	10.00		96.9	70-130			
Chlorodibromomethane	9.44	0.50	µg/L	10.00		94.4	70-130			
Chloroethane	8.75	2.0	µg/L	10.00		87.5	70-130			
Chloroform	10.5	2.0	µg/L	10.00		105	70-130			
Chloromethane	10.4	2.0	µg/L	10.00		104	40-160			†
Cyclohexane	10.9	5.0	µg/L	10.00		109	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	8.90	5.0	µg/L	10.00		89.0	70-130			V-05
1,2-Dibromoethane (EDB)	10.1	0.50	µg/L	10.00		101	70-130			
1,2-Dichlorobenzene	9.37	1.0	µg/L	10.00		93.7	70-130			
1,3-Dichlorobenzene	9.67	1.0	µg/L	10.00		96.7	70-130			
1,4-Dichlorobenzene	9.66	1.0	µg/L	10.00		96.6	70-130			
Dichlorodifluoromethane (Freon 12)	11.5	2.0	µg/L	10.00		115	40-160			V-20 †
1,1-Dichloroethane	10.8	1.0	µg/L	10.00		108	70-130			
1,2-Dichloroethane	10.2	1.0	µg/L	10.00		102	70-130			
1,1-Dichloroethylene	8.91	1.0	µg/L	10.00		89.1	70-130			
cis-1,2-Dichloroethylene	11.0	1.0	µg/L	10.00		110	70-130			
trans-1,2-Dichloroethylene	10.3	1.0	µg/L	10.00		103	70-130			
1,2-Dichloropropane	10.6	1.0	µg/L	10.00		106	70-130			
cis-1,3-Dichloropropene	10.3	0.50	µg/L	10.00		103	70-130			
trans-1,3-Dichloropropene	10.6	0.50	µg/L	10.00		106	70-130			
Ethylbenzene	10.2	1.0	µg/L	10.00		102	70-130			
2-Hexanone (MBK)	101	10	µg/L	100.0		101	70-160			†
Isopropylbenzene (Cumene)	9.81	1.0	µg/L	10.00		98.1	70-130			
p-Isopropyltoluene (p-Cymene)	9.53	1.0	µg/L	10.00		95.3	70-130			
Methyl Acetate	9.15	1.0	µg/L	10.00		91.5	70-130			
Methyl tert-Butyl Ether (MTBE)	10.5	1.0	µg/L	10.00		105	70-130			
Methyl Cyclohexane	11.3	1.0	µg/L	10.00		113	70-130			V-20
Methylene Chloride	10.5	5.0	µg/L	10.00		105	70-130			
4-Methyl-2-pentanone (MIBK)	101	10	µg/L	100.0		101	70-160			†
Naphthalene	9.11	2.0	µg/L	10.00		91.1	40-130			†
n-Propylbenzene	9.79	1.0	µg/L	10.00		97.9	70-130			
Styrene	10.0	1.0	µg/L	10.00		100	70-130			
1,1,2,2-Tetrachloroethane	9.56	0.50	µg/L	10.00		95.6	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 B407403 - SW-846 5030B										
LCS (B407403-BS1)										
Prepared & Analyzed: 06/16/25										
Tetrachloroethylene	10.2	1.0	µg/L	10.00		102	70-130			
Toluene	10.0	1.0	µg/L	10.00		100	70-130			
1,2,3-Trichlorobenzene	9.67	5.0	µg/L	10.00		96.7	70-130			
1,2,4-Trichlorobenzene	9.82	1.0	µg/L	10.00		98.2	70-130			
1,1,1-Trichloroethane	10.2	1.0	µg/L	10.00		102	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)	9.71	2.0	µg/L	10.00		97.1	70-130			
1,2,3-Trichloropropane	8.76	2.0	µg/L	10.00		87.6	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.48	1.0	µg/L	10.00		94.8	70-130			
1,2,4-Trimethylbenzene	9.69	1.0	µg/L	10.00		96.9	70-130			
1,3,5-Trimethylbenzene	9.47	1.0	µg/L	10.00		94.7	70-130			
Vinyl Chloride	9.83	2.0	µg/L	10.00		98.3	40-160			†
m+p Xylene	19.7	2.0	µg/L	20.00		98.4	70-130			
o-Xylene	9.57	1.0	µg/L	10.00		95.7	70-130			
Xylenes (total)	29.3	1.0	µg/L	30.00		97.5	0-200			
Surrogate: 1,2-Dichloroethane-d4	25.2		µg/L	25.00		101	70-130			
Surrogate: Toluene-d8	25.5		µg/L	25.00		102	70-130			
Surrogate: 4-Bromofluorobenzene	24.3		µg/L	25.00		97.3	70-130			
LCS Dup (B407403-BSD1)										
Prepared & Analyzed: 06/16/25										
Acetone	93.6	50	µg/L	100.0		93.6	70-160	3.17	25	†
Benzene	11.4	1.0	µg/L	10.00		114	70-130	3.67	25	
Bromochloromethane	12.3	1.0	µg/L	10.00		123	70-130	0.733	25	
Bromodichloromethane	10.5	0.50	µg/L	10.00		105	70-130	2.99	25	
Bromoform	8.23	1.0	µg/L	10.00		82.3	70-130	4.16	25	
Bromomethane	9.38	2.0	µg/L	10.00		93.8	40-160	0.107	25	†
2-Butanone (MEK)	108	20	µg/L	100.0		108	40-160	8.49	25	†
n-Butylbenzene	11.1	1.0	µg/L	10.00		111	70-130	9.32	25	
sec-Butylbenzene	10.2	1.0	µg/L	10.00		102	70-130	6.88	25	
tert-Butylbenzene	10.6	1.0	µg/L	10.00		106	70-130	5.90	25	
Carbon Disulfide	103	5.0	µg/L	100.0		103	70-130	4.28	25	
Carbon Tetrachloride	10.5	5.0	µg/L	10.00		105	70-130	3.69	25	
Chlorobenzene	10.4	1.0	µg/L	10.00		104	70-130	6.97	25	
Chlorodibromomethane	9.64	0.50	µg/L	10.00		96.4	70-130	2.10	25	
Chloroethane	9.22	2.0	µg/L	10.00		92.2	70-130	5.23	25	
Chloroform	11.3	2.0	µg/L	10.00		113	70-130	6.99	25	
Chloromethane	10.4	2.0	µg/L	10.00		104	40-160	0.0963	25	†
Cyclohexane	11.2	5.0	µg/L	10.00		112	70-130	2.62	25	
1,2-Dibromo-3-chloropropane (DBCP)	8.78	5.0	µg/L	10.00		87.8	70-130	1.36	25	V-05
1,2-Dibromoethane (EDB)	10.5	0.50	µg/L	10.00		105	70-130	3.79	25	
1,2-Dichlorobenzene	10.1	1.0	µg/L	10.00		101	70-130	7.60	25	
1,3-Dichlorobenzene	10.6	1.0	µg/L	10.00		106	70-130	8.80	25	
1,4-Dichlorobenzene	10.2	1.0	µg/L	10.00		102	70-130	5.73	25	
Dichlorodifluoromethane (Freon 12)	11.5	2.0	µg/L	10.00		115	40-160	0.261	25	V-20 †
1,1-Dichloroethane	11.2	1.0	µg/L	10.00		112	70-130	3.46	25	
1,2-Dichloroethane	10.4	1.0	µg/L	10.00		104	70-130	1.56	25	
1,1-Dichloroethylene	9.56	1.0	µg/L	10.00		95.6	70-130	7.04	25	
cis-1,2-Dichloroethylene	11.4	1.0	µg/L	10.00		114	70-130	2.85	25	
trans-1,2-Dichloroethylene	10.6	1.0	µg/L	10.00		106	70-130	3.16	25	
1,2-Dichloropropane	11.4	1.0	µg/L	10.00		114	70-130	6.72	25	
cis-1,3-Dichloropropene	10.6	0.50	µg/L	10.00		106	70-130	2.96	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 B407403 - SW-846 5030B										
LCS Dup (B407403-BSD1)										
Prepared & Analyzed: 06/16/25										
trans-1,3-Dichloropropene	10.8	0.50	µg/L	10.00		108	70-130	0.935	25	
Ethylbenzene	10.6	1.0	µg/L	10.00		106	70-130	4.52	25	
2-Hexanone (MBK)	92.0	10	µg/L	100.0		92.0	70-160	9.76	25	†
Isopropylbenzene (Cumene)	10.1	1.0	µg/L	10.00		101	70-130	2.71	25	
p-Isopropyltoluene (p-Cymene)	10.7	1.0	µg/L	10.00		107	70-130	11.5	25	
Methyl Acetate	8.70	1.0	µg/L	10.00		87.0	70-130	5.04	25	
Methyl tert-Butyl Ether (MTBE)	10.7	1.0	µg/L	10.00		107	70-130	1.23	25	
Methyl Cyclohexane	12.1	1.0	µg/L	10.00		121	70-130	6.15	25	V-20
Methylene Chloride	11.0	5.0	µg/L	10.00		110	70-130	5.20	25	
4-Methyl-2-pentanone (MIBK)	95.3	10	µg/L	100.0		95.3	70-160	5.40	25	†
Naphthalene	8.74	2.0	µg/L	10.00		87.4	40-130	4.15	25	†
n-Propylbenzene	10.3	1.0	µg/L	10.00		103	70-130	5.37	25	
Styrene	10.7	1.0	µg/L	10.00		107	70-130	6.76	25	
1,1,2,2-Tetrachloroethane	9.67	0.50	µg/L	10.00		96.7	70-130	1.14	25	
Tetrachloroethylene	10.3	1.0	µg/L	10.00		103	70-130	0.487	25	
Toluene	10.4	1.0	µg/L	10.00		104	70-130	3.24	25	
1,2,3-Trichlorobenzene	10.6	5.0	µg/L	10.00		106	70-130	9.36	25	
1,2,4-Trichlorobenzene	10.4	1.0	µg/L	10.00		104	70-130	6.12	25	
1,1,1-Trichloroethane	10.6	1.0	µg/L	10.00		106	70-130	4.62	25	
1,1,2-Trichloroethane	10.8	1.0	µg/L	10.00		108	70-130	3.40	25	
Trichloroethylene	11.1	1.0	µg/L	10.00		111	70-130	4.32	25	
Trichlorofluoromethane (Freon 11)	10.1	2.0	µg/L	10.00		101	70-130	3.94	25	
1,2,3-Trichloropropane	8.80	2.0	µg/L	10.00		88.0	70-130	0.456	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.64	1.0	µg/L	10.00		96.4	70-130	1.67	25	
1,2,4-Trimethylbenzene	10.4	1.0	µg/L	10.00		104	70-130	6.59	25	
1,3,5-Trimethylbenzene	9.88	1.0	µg/L	10.00		98.8	70-130	4.24	25	
Vinyl Chloride	10.1	2.0	µg/L	10.00		101	40-160	2.51	25	†
m+p Xylene	20.4	2.0	µg/L	20.00		102	70-130	3.30	25	
o-Xylene	10.2	1.0	µg/L	10.00		102	70-130	6.37	25	
Xylenes (total)	30.6	1.0	µg/L	30.00		102	0-200	4.31		
Surrogate: 1,2-Dichloroethane-d4	25.2		µg/L	25.00		101	70-130			
Surrogate: Toluene-d8	25.0		µg/L	25.00		100	70-130			
Surrogate: 4-Bromofluorobenzene	25.0		µg/L	25.00		99.9	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.
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	06/30/2025
ME	State of Maine	MA00100	06/9/2027
VA	Commonwealth of Virginia	460217	12/14/2025

Page 1 of 3

Chain of Custody / Analysis Report

Sampler(s): Rebecca Britt *Rebecca Britt* Zach Saltzman *Zach Saltzman* 2570801 *KAM*
 (Signature)

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

Laboratory: ELON
 Attn: KYLE MURRAY
 Phone: KYLE MURRAY

Holding Time: *5*
 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)	Grab [g] or Composite [C]	Field Filtered? (Y/N)	Analysis Required				Lab Sample ID:	
								Preservatives: (see key at bottom)	Number of Containers	Field Filtered? (Y/N)	Field Filtered? (Y/N)		
1 TB-CPC-QC-20250609	---	6/9/2025	8:00	N	TB	2	G	N	X				
2 EW11D-CP-00-20250609	EW-11	6/9/2025	16:05	N	WG	3	G	N	X				
3 EW12D-CP-00-20250609	EW-12D	6/9/2025	16:15	N	WG	3	G	N	X				
4 EW4D-CP-00-20250609	EW-4D	6/9/2025	16:20	N	WG	3	G	N	X				
5 EW4B-CP-00-20250609	EW-4B	6/9/2025	16:21	N	WG	3	G	N	X				
6 EW4C-CP-00-20250609	EW-4C	6/9/2025	16:22	N	WG	3	G	N	X				
7 EW4A-CP-00-20250609	EW-4A	6/9/2025	16:23	N	WG	3	G	N	X				
8 WT01-CP-00-20250609	WT-01	6/9/2025	16:55	N	WG	3	G	N	X				
9 EW14D-CP-00-20250609	EW-14D	6/9/2025	17:10	N	WG	3	G	N	X				
10 M30BR-CP-00-20250610	M-30BR	6/10/2025	7:10	N	WG	3	G	N	X				
11 BP3A-CP-00-20250610	BP-3A	6/10/2025	8:20	N	WG	3	G	N	X				
12 BP3B-CP-00-20250610	BP-3B	6/10/2025	8:21	N	WG	3	G	N	X				
13 BP3C-CP-00-20250610	BP-3C	6/10/2025	8:22	N	WG	3	G	N	X				
14 BP3C-CP-01-20250610	BP-3C	6/10/2025	8:22	FD	WG	3	G	N	X				

Preservatives: (see key at bottom)
 1 0 0
 VOCs by 8620C

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

Relinquished by: *Rebecca Britt* Date: 6/10/25
 Of: Ramboll

Relinquished by: *MU A Pace* Date: 6/10/25
 Of: FedEx

Courier Name: *MU A Pace* Date: 6/10/25
 Tracking #: *16012*

Received By: *MU A Pace* Date: 6/10/25
 Tracking #: *16012*

Condition: Date: 6/10/25
 Time: 18:30
 Date: 6/10/25
 Time: 16:12
 Date: 6/10/25
 Time: 16:12

Courier Name: *MU A Pace*
 Tracking #: *16012*
 Date: 6/10/25
 Time: 16:12

Received By: *MU A Pace*
 Tracking #: *16012*
 Date: 6/10/25
 Time: 16:12

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: *2.5 B*

Sample Type: N = Normal env. sample, FD = field duplicate, EB = Equipment Blank, TB = Trip Blank, MS = Lab Matrix Spike, Other (Specify): FRB = Field Reagent Blank
 Sample Matrix: SE = Sediment, SO = Soil, WG = Groundwater, WQ = Water Quality, WS = Waste Water, WW = Potable Water, WP = Waste Water, AA = Ambient Air, Other (Specify):
 Preservative Code: 0 = none, 1 = HCL, 2 = HNO3, 3 = H2SO4, 4 = NaOH, 5 = Zn Acetate, 6 = MeOH, 7 = NaHSO4, 8 = Na3PO4, 9 = BenzalkoniumCl, 10 = other

Rebecca Britt *MU A Pace* *6/10/25* *6/10/25* *6/10/25* *6/10/25*
2570801 KAM *2570801 KAM* *2570801 KAM* *2570801 KAM*

June 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: 25F0803

Enclosed are results of analyses for samples as received by the laboratory on June 11, 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
25F0803-01	5
25F0803-02	7
25F0803-03	9
25F0803-04	11
25F0803-05	13
25F0803-06	15
25F0803-07	17
25F0803-08	19
25F0803-09	21
25F0803-10	23
25F0803-11	25
25F0803-12	27
25F0803-13	29
25F0803-14	31
Sample Preparation Information	33
QC Data	34
Volatile Organic Compounds by GC/MS	34
B407317	34
B407403	37
Flag/Qualifier Summary	42
Certifications	43
Chain of Custody/Sample Receipt	45



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: 6/18/2025

PURCHASE ORDER NUMBER: 151811

PROJECT NUMBER: 130015

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 25F0803

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
MW10D-CP-00-20250610	25F0803-01	Ground Water		SW-846 8260D	
EW2A-CP-00-20250610	25F0803-02	Ground Water		SW-846 8260D	
EW2B-CP-00-20250610	25F0803-03	Ground Water		SW-846 8260D	
EW2C-CP-00-20250610	25F0803-04	Ground Water		SW-846 8260D	
EW2D-CP-00-20250610	25F0803-05	Ground Water		SW-846 8260D	
MWBC-CP-00-20250610	25F0803-06	Ground Water		SW-846 8260D	
MW6D-CP-00-20250610	25F0803-07	Ground Water		SW-846 8260D	
BP12B-CP-00-20250610	25F0803-08	Ground Water		SW-846 8260D	
BP12C-CP-00-20250610	25F0803-09	Ground Water		SW-846 8260D	
BP5B-CP-00-20250610	25F0803-10	Ground Water		SW-846 8260D	
BP5C-CP-00-20250610	25F0803-11	Ground Water		SW-846 8260D	
BP13B-CP-00-20250610	25F0803-12	Ground Water		SW-846 8260D	
BP13B-CP-01-20250610	25F0803-13	Ground Water		SW-846 8260D	
BP13C-CP-01=0-20250610	25F0803-14	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:

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

25F0803-09[BP12C-CP-00-20250610], 25F0803-10[BP5B-CP-00-20250610], 25F0803-11[BP5C-CP-00-20250610], 25F0803-12[BP13B-CP-00-20250610],
25F0803-13[BP13B-CP-01-20250610], 25F0803-14[BP13C-CP-01=0-20250610], B407403-BLK1, B407403-BS1, B407403-BSD1, S122678-CCV1

V-20
Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

Bromochloromethane

B407317-BS1, B407317-BSD1, S122606-CCV1

Dichlorodifluoromethane (Freon 12)

B407403-BS1, B407403-BSD1, S122678-CCV1

Methyl Cyclohexane

B407403-BS1, B407403-BSD1, S122678-CCV1

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

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



Lisa A. Worthington
Technical Representative

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 25F0803

Date Received: 6/11/2025

Field Sample #: MW10D-CP-00-20250610

Sampled: 6/10/2025 08:47

Sample ID: 25F0803-01

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	130	50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
1,1-Dichloroethylene	2.8	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
cis-1,2-Dichloroethylene	9.2	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	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: 25F0803

Date Received: 6/11/2025

Field Sample #: MW10D-CP-00-20250610

Sampled: 6/10/2025 08:47

Sample ID: 25F0803-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
Tetrachloroethylene	12	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
1,1,1-Trichloroethane	1.1	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
Trichloroethylene	88	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 11:19	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		103		70-130				6/14/25 11:19	
Toluene-d8		99.7		70-130				6/14/25 11:19	
4-Bromofluorobenzene		90.8		70-130				6/14/25 11:19	

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: 25F0803

Date Received: 6/11/2025

Field Sample #: EW2A-CP-00-20250610

Sampled: 6/10/2025 09:05

Sample ID: 25F0803-02

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	66	50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
Methyl Acetate	2.3	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	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: 25F0803

Date Received: 6/11/2025

Field Sample #: EW2A-CP-00-20250610

Sampled: 6/10/2025 09:05

Sample ID: 25F0803-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:26	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		101	70-130					6/14/25 6:26	
Toluene-d8		99.8	70-130					6/14/25 6:26	
4-Bromofluorobenzene		89.9	70-130					6/14/25 6:26	

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: 25F0803

Date Received: 6/11/2025

Field Sample #: EW2B-CP-00-20250610

Sampled: 6/10/2025 09:06

Sample ID: 25F0803-03

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	64	50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	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: 25F0803

Date Received: 6/11/2025

Field Sample #: EW2B-CP-00-20250610

Sampled: 6/10/2025 09:06

Sample ID: 25F0803-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 6:52	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		101	70-130					6/14/25 6:52	
Toluene-d8		100	70-130					6/14/25 6:52	
4-Bromofluorobenzene		90.9	70-130					6/14/25 6:52	

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: 25F0803

Date Received: 6/11/2025

Field Sample #: EW2C-CP-00-20250610

Sampled: 6/10/2025 09:07

Sample ID: 25F0803-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	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: 25F0803

Date Received: 6/11/2025

Field Sample #: EW2C-CP-00-20250610

Sampled: 6/10/2025 09:07

Sample ID: 25F0803-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
Trichloroethylene	2.0	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:19	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		101	70-130					6/14/25 7:19	
Toluene-d8		99.8	70-130					6/14/25 7:19	
4-Bromofluorobenzene		92.5	70-130					6/14/25 7:19	

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: 25F0803

Date Received: 6/11/2025

Field Sample #: EW2D-CP-00-20250610

Sampled: 6/10/2025 09:08

Sample ID: 25F0803-05

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	100	50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	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: 25F0803

Date Received: 6/11/2025

Field Sample #: EW2D-CP-00-20250610

Sampled: 6/10/2025 09:08

Sample ID: 25F0803-05

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	6/13/25	6/14/25 7:46	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 7:46	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		104	70-130					6/14/25 7:46	
Toluene-d8		101	70-130					6/14/25 7:46	
4-Bromofluorobenzene		90.5	70-130					6/14/25 7:46	

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: 25F0803

Date Received: 6/11/2025

Field Sample #: MWBC-CP-00-20250610

Sampled: 6/10/2025 10:10

Sample ID: 25F0803-06

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	330	50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	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: 25F0803

Date Received: 6/11/2025

Field Sample #: MWBC-CP-00-20250610

Sampled: 6/10/2025 10:10

Sample ID: 25F0803-06

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	6/13/25	6/14/25 8:13	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:13	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		99.7	70-130					6/14/25 8:13	
Toluene-d8		98.6	70-130					6/14/25 8:13	
4-Bromofluorobenzene		94.0	70-130					6/14/25 8:13	

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: 25F0803

Date Received: 6/11/2025

Field Sample #: MW6D-CP-00-20250610

Sampled: 6/10/2025 10:15

Sample ID: 25F0803-07

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	110	50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
Chlorobenzene	1.1	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
1,4-Dichlorobenzene	1.3	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
Isopropylbenzene (Cumene)	1.4	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	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: 25F0803

Date Received: 6/11/2025

Field Sample #: MW6D-CP-00-20250610

Sampled: 6/10/2025 10:15

Sample ID: 25F0803-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 8:39	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		103	70-130					6/14/25 8:39	
Toluene-d8		99.6	70-130					6/14/25 8:39	
4-Bromofluorobenzene		94.9	70-130					6/14/25 8:39	

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: 25F0803

Date Received: 6/11/2025

Field Sample #: BP12B-CP-00-20250610

Sampled: 6/10/2025 10:41

Sample ID: 25F0803-08

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	110	50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	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: 25F0803

Date Received: 6/11/2025

Field Sample #: BP12B-CP-00-20250610

Sampled: 6/10/2025 10:41

Sample ID: 25F0803-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/13/25	6/14/25 9:06	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		100	70-130					6/14/25 9:06	
Toluene-d8		99.9	70-130					6/14/25 9:06	
4-Bromofluorobenzene		91.6	70-130					6/14/25 9:06	

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: 25F0803

Date Received: 6/11/2025

Field Sample #: BP12C-CP-00-20250610

Sampled: 6/10/2025 10:42

Sample ID: 25F0803-09

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	98	50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	6/16/25	6/16/25 13:31	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	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: 25F0803

Date Received: 6/11/2025

Field Sample #: BP12C-CP-00-20250610

Sampled: 6/10/2025 10:42

Sample ID: 25F0803-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:31	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		100	70-130				6/16/25	13:31	
Toluene-d8		99.8	70-130				6/16/25	13:31	
4-Bromofluorobenzene		89.1	70-130				6/16/25	13:31	

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: 25F0803

Date Received: 6/11/2025

Field Sample #: **BP5B-CP-00-20250610**

Sampled: 6/10/2025 11:00

Sample ID: **25F0803-10**

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	210	50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	6/16/25	6/16/25 13:58	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
Methyl Acetate	13	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	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: 25F0803

Date Received: 6/11/2025

Field Sample #: **BP5B-CP-00-20250610**

Sampled: 6/10/2025 11:00

Sample ID: **25F0803-10**

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 13:58	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		102	70-130					6/16/25 13:58	
Toluene-d8		102	70-130					6/16/25 13:58	
4-Bromofluorobenzene		92.4	70-130					6/16/25 13:58	

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: 25F0803

Date Received: 6/11/2025

Field Sample #: BP5C-CP-00-20250610

Sampled: 6/10/2025 11:01

Sample ID: 25F0803-11

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	460	50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	6/16/25	6/16/25 14:25	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
1,1-Dichloroethane	4.8	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
1,1-Dichloroethylene	1.7	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	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: 25F0803

Date Received: 6/11/2025

Field Sample #: BP5C-CP-00-20250610

Sampled: 6/10/2025 11:01

Sample ID: 25F0803-11

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
1,1,1-Trichloroethane	1.4	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
Trichloroethylene	1.6	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:25	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		101		70-130				6/16/25 14:25	
Toluene-d8		99.4		70-130				6/16/25 14:25	
4-Bromofluorobenzene		91.6		70-130				6/16/25 14:25	

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: 25F0803

Date Received: 6/11/2025

Field Sample #: BP13B-CP-00-20250610

Sampled: 6/10/2025 11:40

Sample ID: 25F0803-12

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	71	50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	6/16/25	6/16/25 14:51	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	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: 25F0803

Date Received: 6/11/2025

Field Sample #: BP13B-CP-00-20250610

Sampled: 6/10/2025 11:40

Sample ID: 25F0803-12

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	6/16/25	6/16/25 14:51	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
Trichloroethylene	1.0	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:51	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		100	70-130				6/16/25	14:51	
Toluene-d8		99.5	70-130				6/16/25	14:51	
4-Bromofluorobenzene		91.7	70-130				6/16/25	14:51	

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: 25F0803

Date Received: 6/11/2025

Field Sample #: BP13B-CP-01-20250610

Sampled: 6/10/2025 11:40

Sample ID: 25F0803-13

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	65	50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	6/16/25	6/16/25 15:18	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	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: 25F0803

Date Received: 6/11/2025

Field Sample #: BP13B-CP-01-20250610

Sampled: 6/10/2025 11:40

Sample ID: 25F0803-13

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	6/16/25	6/16/25 15:18	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:18	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		103		70-130				6/16/25 15:18	
Toluene-d8		101		70-130				6/16/25 15:18	
4-Bromofluorobenzene		91.9		70-130				6/16/25 15:18	

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: 25F0803

Date Received: 6/11/2025

Field Sample #: BP13C-CP-01=0-20250610

Sampled: 6/10/2025 11:41

Sample ID: 25F0803-14

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	170	50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	6/16/25	6/16/25 15:45	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	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: 25F0803

Date Received: 6/11/2025

Field Sample #: BP13C-CP-01=0-20250610

Sampled: 6/10/2025 11:41

Sample ID: 25F0803-14

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	6/16/25	6/16/25 15:45	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:45	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		103		70-130			6/16/25	15:45	
Toluene-d8		102		70-130			6/16/25	15:45	
4-Bromofluorobenzene		94.1		70-130			6/16/25	15:45	

Sample Extraction Data

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
25F0803-01 [MW10D-CP-00-20250610]	B407317	5	5.00	06/13/25
25F0803-02 [EW2A-CP-00-20250610]	B407317	5	5.00	06/13/25
25F0803-03 [EW2B-CP-00-20250610]	B407317	5	5.00	06/13/25
25F0803-04 [EW2C-CP-00-20250610]	B407317	5	5.00	06/13/25
25F0803-05 [EW2D-CP-00-20250610]	B407317	5	5.00	06/13/25
25F0803-06 [MWBC-CP-00-20250610]	B407317	5	5.00	06/13/25
25F0803-07 [MW6D-CP-00-20250610]	B407317	5	5.00	06/13/25
25F0803-08 [BP12B-CP-00-20250610]	B407317	5	5.00	06/13/25

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
25F0803-09 [BP12C-CP-00-20250610]	B407403	5	5.00	06/16/25
25F0803-10 [BP5B-CP-00-20250610]	B407403	5	5.00	06/16/25
25F0803-11 [BP5C-CP-00-20250610]	B407403	5	5.00	06/16/25
25F0803-12 [BP13B-CP-00-20250610]	B407403	5	5.00	06/16/25
25F0803-13 [BP13B-CP-01-20250610]	B407403	5	5.00	06/16/25
25F0803-14 [BP13C-CP-01=0-20250610]	B407403	5	5.00	06/16/25

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 B407317 - SW-846 5030B

Blank (B407317-BLK1)

Prepared: 06/13/25 Analyzed: 06/14/25

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							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
Cyclohexane	ND	5.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl Acetate	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methyl Cyclohexane	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							

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

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B407317 - SW-846 5030B										
Blank (B407317-BLK1)										
					Prepared: 06/13/25 Analyzed: 06/14/25					
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	25.0		µg/L	25.00		99.8	70-130			
Surrogate: Toluene-d8	25.2		µg/L	25.00		101	70-130			
Surrogate: 4-Bromofluorobenzene	22.1		µg/L	25.00		88.2	70-130			
LCS (B407317-BS1)										
					Prepared: 06/13/25 Analyzed: 06/14/25					
Acetone	91.9	50	µg/L	100.0		91.9	70-160			†
Benzene	11.4	1.0	µg/L	10.00		114	70-130			
Bromochloromethane	12.7	1.0	µg/L	10.00		127	70-130			V-20
Bromodichloromethane	10.3	0.50	µg/L	10.00		103	70-130			
Bromoform	8.11	1.0	µg/L	10.00		81.1	70-130			
Bromomethane	9.76	2.0	µg/L	10.00		97.6	40-160			†
2-Butanone (MEK)	110	20	µg/L	100.0		110	40-160			†
n-Butylbenzene	9.15	1.0	µg/L	10.00		91.5	70-130			
sec-Butylbenzene	9.69	1.0	µg/L	10.00		96.9	70-130			
tert-Butylbenzene	10.1	1.0	µg/L	10.00		101	70-130			
Carbon Disulfide	112	5.0	µg/L	100.0		112	70-130			
Carbon Tetrachloride	10.4	5.0	µg/L	10.00		104	70-130			
Chlorobenzene	10.3	1.0	µg/L	10.00		103	70-130			
Chlorodibromomethane	9.96	0.50	µg/L	10.00		99.6	70-130			
Chloroethane	8.74	2.0	µg/L	10.00		87.4	70-130			
Chloroform	11.0	2.0	µg/L	10.00		110	70-130			
Chloromethane	11.2	2.0	µg/L	10.00		112	40-160			†
Cyclohexane	11.1	5.0	µg/L	10.00		111	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	9.09	5.0	µg/L	10.00		90.9	70-130			
1,2-Dibromoethane (EDB)	10.5	0.50	µg/L	10.00		105	70-130			
1,2-Dichlorobenzene	9.81	1.0	µg/L	10.00		98.1	70-130			
1,3-Dichlorobenzene	9.97	1.0	µg/L	10.00		99.7	70-130			
1,4-Dichlorobenzene	9.61	1.0	µg/L	10.00		96.1	70-130			
Dichlorodifluoromethane (Freon 12)	10.9	2.0	µg/L	10.00		109	40-160			†
1,1-Dichloroethane	11.4	1.0	µg/L	10.00		114	70-130			
1,2-Dichloroethane	10.4	1.0	µg/L	10.00		104	70-130			
1,1-Dichloroethylene	9.25	1.0	µg/L	10.00		92.5	70-130			
cis-1,2-Dichloroethylene	11.1	1.0	µg/L	10.00		111	70-130			
trans-1,2-Dichloroethylene	10.6	1.0	µg/L	10.00		106	70-130			
1,2-Dichloropropane	11.3	1.0	µg/L	10.00		113	70-130			
cis-1,3-Dichloropropene	10.7	0.50	µg/L	10.00		107	70-130			
trans-1,3-Dichloropropene	10.9	0.50	µg/L	10.00		109	70-130			
Ethylbenzene	10.6	1.0	µg/L	10.00		106	70-130			
2-Hexanone (MBK)	95.7	10	µg/L	100.0		95.7	70-160			†
Isopropylbenzene (Cumene)	9.99	1.0	µg/L	10.00		99.9	70-130			
p-Isopropyltoluene (p-Cymene)	9.89	1.0	µg/L	10.00		98.9	70-130			
Methyl Acetate	9.00	1.0	µg/L	10.00		90.0	70-130			
Methyl tert-Butyl Ether (MTBE)	10.5	1.0	µg/L	10.00		105	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 B407317 - SW-846 5030B

LCS (B407317-BS1)

Prepared: 06/13/25 Analyzed: 06/14/25

Methyl Cyclohexane	11.6	1.0	µg/L	10.00		116	70-130			
Methylene Chloride	11.2	5.0	µg/L	10.00		112	70-130			
4-Methyl-2-pentanone (MIBK)	97.1	10	µg/L	100.0		97.1	70-160			†
Naphthalene	8.51	2.0	µg/L	10.00		85.1	40-130			†
n-Propylbenzene	10.2	1.0	µg/L	10.00		102	70-130			
Styrene	10.8	1.0	µg/L	10.00		108	70-130			
1,1,2,2-Tetrachloroethane	9.76	0.50	µg/L	10.00		97.6	70-130			
Tetrachloroethylene	9.96	1.0	µg/L	10.00		99.6	70-130			
Toluene	10.4	1.0	µg/L	10.00		104	70-130			
1,2,3-Trichlorobenzene	10.8	5.0	µg/L	10.00		108	70-130			
1,2,4-Trichlorobenzene	10.1	1.0	µg/L	10.00		101	70-130			
1,1,1-Trichloroethane	10.4	1.0	µg/L	10.00		104	70-130			
1,1,2-Trichloroethane	10.8	1.0	µg/L	10.00		108	70-130			
Trichloroethylene	11.3	1.0	µg/L	10.00		113	70-130			
Trichlorofluoromethane (Freon 11)	9.76	2.0	µg/L	10.00		97.6	70-130			
1,2,3-Trichloropropane	8.34	2.0	µg/L	10.00		83.4	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.72	1.0	µg/L	10.00		87.2	70-130			
1,2,4-Trimethylbenzene	9.86	1.0	µg/L	10.00		98.6	70-130			
1,3,5-Trimethylbenzene	9.66	1.0	µg/L	10.00		96.6	70-130			
Vinyl Chloride	9.84	2.0	µg/L	10.00		98.4	40-160			†
m+p Xylene	20.7	2.0	µg/L	20.00		103	70-130			
o-Xylene	10.2	1.0	µg/L	10.00		102	70-130			
Xylenes (total)	30.9	1.0	µg/L	30.00		103	0-200			
Surrogate: 1,2-Dichloroethane-d4	25.4		µg/L	25.00		102	70-130			
Surrogate: Toluene-d8	24.7		µg/L	25.00		98.8	70-130			
Surrogate: 4-Bromofluorobenzene	24.8		µg/L	25.00		99.1	70-130			

LCS Dup (B407317-BSD1)

Prepared: 06/13/25 Analyzed: 06/14/25

Acetone	92.8	50	µg/L	100.0		92.8	70-160	0.975	25	†
Benzene	11.9	1.0	µg/L	10.00		119	70-130	3.69	25	
Bromochloromethane	13.0	1.0	µg/L	10.00		130	70-130	2.57	25	V-20
Bromodichloromethane	10.7	0.50	µg/L	10.00		107	70-130	3.52	25	
Bromoform	8.60	1.0	µg/L	10.00		86.0	70-130	5.86	25	
Bromomethane	10.3	2.0	µg/L	10.00		103	40-160	5.67	25	†
2-Butanone (MEK)	111	20	µg/L	100.0		111	40-160	0.949	25	†
n-Butylbenzene	10.3	1.0	µg/L	10.00		103	70-130	11.4	25	
sec-Butylbenzene	10.1	1.0	µg/L	10.00		101	70-130	4.04	25	
tert-Butylbenzene	11.0	1.0	µg/L	10.00		110	70-130	8.71	25	
Carbon Disulfide	113	5.0	µg/L	100.0		113	70-130	0.921	25	
Carbon Tetrachloride	10.6	5.0	µg/L	10.00		106	70-130	1.43	25	
Chlorobenzene	11.0	1.0	µg/L	10.00		110	70-130	6.40	25	
Chlorodibromomethane	9.82	0.50	µg/L	10.00		98.2	70-130	1.42	25	
Chloroethane	9.62	2.0	µg/L	10.00		96.2	70-130	9.59	25	
Chloroform	11.5	2.0	µg/L	10.00		115	70-130	4.43	25	
Chloromethane	11.2	2.0	µg/L	10.00		112	40-160	0.447	25	†
Cyclohexane	11.4	5.0	µg/L	10.00		114	70-130	2.85	25	
1,2-Dibromo-3-chloropropane (DBCP)	9.37	5.0	µg/L	10.00		93.7	70-130	3.03	25	
1,2-Dibromoethane (EDB)	11.0	0.50	µg/L	10.00		110	70-130	4.27	25	
1,2-Dichlorobenzene	10.4	1.0	µg/L	10.00		104	70-130	6.22	25	
1,3-Dichlorobenzene	10.6	1.0	µg/L	10.00		106	70-130	6.31	25	
1,4-Dichlorobenzene	10.7	1.0	µg/L	10.00		107	70-130	10.7	25	
Dichlorodifluoromethane (Freon 12)	11.6	2.0	µg/L	10.00		116	40-160	6.03	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 B407317 - SW-846 5030B										
LCS Dup (B407317-BSD1)										
					Prepared: 06/13/25 Analyzed: 06/14/25					
1,1-Dichloroethane	11.8	1.0	µg/L	10.00		118	70-130	2.67	25	
1,2-Dichloroethane	10.9	1.0	µg/L	10.00		109	70-130	4.80	25	
1,1-Dichloroethylene	9.54	1.0	µg/L	10.00		95.4	70-130	3.09	25	
cis-1,2-Dichloroethylene	11.5	1.0	µg/L	10.00		115	70-130	4.07	25	
trans-1,2-Dichloroethylene	11.1	1.0	µg/L	10.00		111	70-130	5.26	25	
1,2-Dichloropropane	11.8	1.0	µg/L	10.00		118	70-130	4.24	25	
cis-1,3-Dichloropropene	11.1	0.50	µg/L	10.00		111	70-130	3.67	25	
trans-1,3-Dichloropropene	11.2	0.50	µg/L	10.00		112	70-130	2.63	25	
Ethylbenzene	11.2	1.0	µg/L	10.00		112	70-130	5.70	25	
2-Hexanone (MBK)	101	10	µg/L	100.0		101	70-160	5.59	25	†
Isopropylbenzene (Cumene)	10.7	1.0	µg/L	10.00		107	70-130	6.96	25	
p-Isopropyltoluene (p-Cymene)	10.3	1.0	µg/L	10.00		103	70-130	4.26	25	
Methyl Acetate	9.21	1.0	µg/L	10.00		92.1	70-130	2.31	25	
Methyl tert-Butyl Ether (MTBE)	11.0	1.0	µg/L	10.00		110	70-130	4.56	25	
Methyl Cyclohexane	11.9	1.0	µg/L	10.00		119	70-130	2.46	25	
Methylene Chloride	11.0	5.0	µg/L	10.00		110	70-130	1.44	25	
4-Methyl-2-pentanone (MIBK)	102	10	µg/L	100.0		102	70-160	4.66	25	†
Naphthalene	9.69	2.0	µg/L	10.00		96.9	40-130	13.0	25	†
n-Propylbenzene	10.9	1.0	µg/L	10.00		109	70-130	6.71	25	
Styrene	11.1	1.0	µg/L	10.00		111	70-130	2.56	25	
1,1,2,2-Tetrachloroethane	10.1	0.50	µg/L	10.00		101	70-130	3.42	25	
Tetrachloroethylene	11.2	1.0	µg/L	10.00		112	70-130	11.8	25	
Toluene	11.1	1.0	µg/L	10.00		111	70-130	6.68	25	
1,2,3-Trichlorobenzene	11.1	5.0	µg/L	10.00		111	70-130	2.75	25	
1,2,4-Trichlorobenzene	10.8	1.0	µg/L	10.00		108	70-130	6.42	25	
1,1,1-Trichloroethane	10.7	1.0	µg/L	10.00		107	70-130	2.66	25	
1,1,2-Trichloroethane	11.5	1.0	µg/L	10.00		115	70-130	6.12	25	
Trichloroethylene	11.5	1.0	µg/L	10.00		115	70-130	2.28	25	
Trichlorofluoromethane (Freon 11)	10.0	2.0	µg/L	10.00		100	70-130	2.83	25	
1,2,3-Trichloropropane	9.02	2.0	µg/L	10.00		90.2	70-130	7.83	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.25	1.0	µg/L	10.00		92.5	70-130	5.90	25	
1,2,4-Trimethylbenzene	10.4	1.0	µg/L	10.00		104	70-130	5.52	25	
1,3,5-Trimethylbenzene	10.4	1.0	µg/L	10.00		104	70-130	7.76	25	
Vinyl Chloride	10.5	2.0	µg/L	10.00		105	40-160	6.68	25	†
m+p Xylene	21.7	2.0	µg/L	20.00		109	70-130	4.81	25	
o-Xylene	10.8	1.0	µg/L	10.00		108	70-130	5.88	25	
Xylenes (total)	32.6	1.0	µg/L	30.00		109	0-200	5.17		
Surrogate: 1,2-Dichloroethane-d4	24.9		µg/L	25.00		99.4	70-130			
Surrogate: Toluene-d8	25.3		µg/L	25.00		101	70-130			
Surrogate: 4-Bromofluorobenzene	24.9		µg/L	25.00		99.7	70-130			

Batch B407403 - SW-846 5030B

Blank (B407403-BLK1)

Prepared & Analyzed: 06/16/25

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 B407403 - SW-846 5030B										
Blank (B407403-BLK1)										
Prepared & Analyzed: 06/16/25										
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							V-05
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl Acetate	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methyl Cyclohexane	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							
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 B407403 - SW-846 5030B										
Blank (B407403-BLK1)										
Prepared & Analyzed: 06/16/25										
o-Xylene	ND	1.0	µg/L							
Xylenes (total)	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	24.7		µg/L	25.00		98.7	70-130			
Surrogate: Toluene-d8	25.4		µg/L	25.00		102	70-130			
Surrogate: 4-Bromofluorobenzene	23.2		µg/L	25.00		92.6	70-130			
LCS (B407403-BS1)										
Prepared & Analyzed: 06/16/25										
Acetone	96.6	50	µg/L	100.0		96.6	70-160			†
Benzene	11.0	1.0	µg/L	10.00		110	70-130			
Bromochloromethane	12.2	1.0	µg/L	10.00		122	70-130			
Bromodichloromethane	10.2	0.50	µg/L	10.00		102	70-130			
Bromoform	8.58	1.0	µg/L	10.00		85.8	70-130			
Bromomethane	9.37	2.0	µg/L	10.00		93.7	40-160			†
2-Butanone (MEK)	118	20	µg/L	100.0		118	40-160			†
n-Butylbenzene	10.1	1.0	µg/L	10.00		101	70-130			
sec-Butylbenzene	9.55	1.0	µg/L	10.00		95.5	70-130			
tert-Butylbenzene	10.0	1.0	µg/L	10.00		100	70-130			
Carbon Disulfide	108	5.0	µg/L	100.0		108	70-130			
Carbon Tetrachloride	10.1	5.0	µg/L	10.00		101	70-130			
Chlorobenzene	9.69	1.0	µg/L	10.00		96.9	70-130			
Chlorodibromomethane	9.44	0.50	µg/L	10.00		94.4	70-130			
Chloroethane	8.75	2.0	µg/L	10.00		87.5	70-130			
Chloroform	10.5	2.0	µg/L	10.00		105	70-130			
Chloromethane	10.4	2.0	µg/L	10.00		104	40-160			†
Cyclohexane	10.9	5.0	µg/L	10.00		109	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	8.90	5.0	µg/L	10.00		89.0	70-130			V-05
1,2-Dibromoethane (EDB)	10.1	0.50	µg/L	10.00		101	70-130			
1,2-Dichlorobenzene	9.37	1.0	µg/L	10.00		93.7	70-130			
1,3-Dichlorobenzene	9.67	1.0	µg/L	10.00		96.7	70-130			
1,4-Dichlorobenzene	9.66	1.0	µg/L	10.00		96.6	70-130			
Dichlorodifluoromethane (Freon 12)	11.5	2.0	µg/L	10.00		115	40-160			V-20 †
1,1-Dichloroethane	10.8	1.0	µg/L	10.00		108	70-130			
1,2-Dichloroethane	10.2	1.0	µg/L	10.00		102	70-130			
1,1-Dichloroethylene	8.91	1.0	µg/L	10.00		89.1	70-130			
cis-1,2-Dichloroethylene	11.0	1.0	µg/L	10.00		110	70-130			
trans-1,2-Dichloroethylene	10.3	1.0	µg/L	10.00		103	70-130			
1,2-Dichloropropane	10.6	1.0	µg/L	10.00		106	70-130			
cis-1,3-Dichloropropene	10.3	0.50	µg/L	10.00		103	70-130			
trans-1,3-Dichloropropene	10.6	0.50	µg/L	10.00		106	70-130			
Ethylbenzene	10.2	1.0	µg/L	10.00		102	70-130			
2-Hexanone (MBK)	101	10	µg/L	100.0		101	70-160			†
Isopropylbenzene (Cumene)	9.81	1.0	µg/L	10.00		98.1	70-130			
p-Isopropyltoluene (p-Cymene)	9.53	1.0	µg/L	10.00		95.3	70-130			
Methyl Acetate	9.15	1.0	µg/L	10.00		91.5	70-130			
Methyl tert-Butyl Ether (MTBE)	10.5	1.0	µg/L	10.00		105	70-130			
Methyl Cyclohexane	11.3	1.0	µg/L	10.00		113	70-130			V-20
Methylene Chloride	10.5	5.0	µg/L	10.00		105	70-130			
4-Methyl-2-pentanone (MIBK)	101	10	µg/L	100.0		101	70-160			†
Naphthalene	9.11	2.0	µg/L	10.00		91.1	40-130			†
n-Propylbenzene	9.79	1.0	µg/L	10.00		97.9	70-130			
Styrene	10.0	1.0	µg/L	10.00		100	70-130			
1,1,2,2-Tetrachloroethane	9.56	0.50	µg/L	10.00		95.6	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 B407403 - SW-846 5030B										
LCS (B407403-BS1)										
Prepared & Analyzed: 06/16/25										
Tetrachloroethylene	10.2	1.0	µg/L	10.00		102	70-130			
Toluene	10.0	1.0	µg/L	10.00		100	70-130			
1,2,3-Trichlorobenzene	9.67	5.0	µg/L	10.00		96.7	70-130			
1,2,4-Trichlorobenzene	9.82	1.0	µg/L	10.00		98.2	70-130			
1,1,1-Trichloroethane	10.2	1.0	µg/L	10.00		102	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)	9.71	2.0	µg/L	10.00		97.1	70-130			
1,2,3-Trichloropropane	8.76	2.0	µg/L	10.00		87.6	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.48	1.0	µg/L	10.00		94.8	70-130			
1,2,4-Trimethylbenzene	9.69	1.0	µg/L	10.00		96.9	70-130			
1,3,5-Trimethylbenzene	9.47	1.0	µg/L	10.00		94.7	70-130			
Vinyl Chloride	9.83	2.0	µg/L	10.00		98.3	40-160			†
m+p Xylene	19.7	2.0	µg/L	20.00		98.4	70-130			
o-Xylene	9.57	1.0	µg/L	10.00		95.7	70-130			
Xylenes (total)	29.3	1.0	µg/L	30.00		97.5	0-200			
Surrogate: 1,2-Dichloroethane-d4	25.2		µg/L	25.00		101	70-130			
Surrogate: Toluene-d8	25.5		µg/L	25.00		102	70-130			
Surrogate: 4-Bromofluorobenzene	24.3		µg/L	25.00		97.3	70-130			
LCS Dup (B407403-BSD1)										
Prepared & Analyzed: 06/16/25										
Acetone	93.6	50	µg/L	100.0		93.6	70-160	3.17	25	†
Benzene	11.4	1.0	µg/L	10.00		114	70-130	3.67	25	
Bromochloromethane	12.3	1.0	µg/L	10.00		123	70-130	0.733	25	
Bromodichloromethane	10.5	0.50	µg/L	10.00		105	70-130	2.99	25	
Bromoform	8.23	1.0	µg/L	10.00		82.3	70-130	4.16	25	
Bromomethane	9.38	2.0	µg/L	10.00		93.8	40-160	0.107	25	†
2-Butanone (MEK)	108	20	µg/L	100.0		108	40-160	8.49	25	†
n-Butylbenzene	11.1	1.0	µg/L	10.00		111	70-130	9.32	25	
sec-Butylbenzene	10.2	1.0	µg/L	10.00		102	70-130	6.88	25	
tert-Butylbenzene	10.6	1.0	µg/L	10.00		106	70-130	5.90	25	
Carbon Disulfide	103	5.0	µg/L	100.0		103	70-130	4.28	25	
Carbon Tetrachloride	10.5	5.0	µg/L	10.00		105	70-130	3.69	25	
Chlorobenzene	10.4	1.0	µg/L	10.00		104	70-130	6.97	25	
Chlorodibromomethane	9.64	0.50	µg/L	10.00		96.4	70-130	2.10	25	
Chloroethane	9.22	2.0	µg/L	10.00		92.2	70-130	5.23	25	
Chloroform	11.3	2.0	µg/L	10.00		113	70-130	6.99	25	
Chloromethane	10.4	2.0	µg/L	10.00		104	40-160	0.0963	25	†
Cyclohexane	11.2	5.0	µg/L	10.00		112	70-130	2.62	25	
1,2-Dibromo-3-chloropropane (DBCP)	8.78	5.0	µg/L	10.00		87.8	70-130	1.36	25	V-05
1,2-Dibromoethane (EDB)	10.5	0.50	µg/L	10.00		105	70-130	3.79	25	
1,2-Dichlorobenzene	10.1	1.0	µg/L	10.00		101	70-130	7.60	25	
1,3-Dichlorobenzene	10.6	1.0	µg/L	10.00		106	70-130	8.80	25	
1,4-Dichlorobenzene	10.2	1.0	µg/L	10.00		102	70-130	5.73	25	
Dichlorodifluoromethane (Freon 12)	11.5	2.0	µg/L	10.00		115	40-160	0.261	25	V-20 †
1,1-Dichloroethane	11.2	1.0	µg/L	10.00		112	70-130	3.46	25	
1,2-Dichloroethane	10.4	1.0	µg/L	10.00		104	70-130	1.56	25	
1,1-Dichloroethylene	9.56	1.0	µg/L	10.00		95.6	70-130	7.04	25	
cis-1,2-Dichloroethylene	11.4	1.0	µg/L	10.00		114	70-130	2.85	25	
trans-1,2-Dichloroethylene	10.6	1.0	µg/L	10.00		106	70-130	3.16	25	
1,2-Dichloropropane	11.4	1.0	µg/L	10.00		114	70-130	6.72	25	
cis-1,3-Dichloropropene	10.6	0.50	µg/L	10.00		106	70-130	2.96	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 B407403 - SW-846 5030B										
LCS Dup (B407403-BSD1)										
Prepared & Analyzed: 06/16/25										
trans-1,3-Dichloropropene	10.8	0.50	µg/L	10.00		108	70-130	0.935	25	
Ethylbenzene	10.6	1.0	µg/L	10.00		106	70-130	4.52	25	
2-Hexanone (MBK)	92.0	10	µg/L	100.0		92.0	70-160	9.76	25	†
Isopropylbenzene (Cumene)	10.1	1.0	µg/L	10.00		101	70-130	2.71	25	
p-Isopropyltoluene (p-Cymene)	10.7	1.0	µg/L	10.00		107	70-130	11.5	25	
Methyl Acetate	8.70	1.0	µg/L	10.00		87.0	70-130	5.04	25	
Methyl tert-Butyl Ether (MTBE)	10.7	1.0	µg/L	10.00		107	70-130	1.23	25	
Methyl Cyclohexane	12.1	1.0	µg/L	10.00		121	70-130	6.15	25	V-20
Methylene Chloride	11.0	5.0	µg/L	10.00		110	70-130	5.20	25	
4-Methyl-2-pentanone (MIBK)	95.3	10	µg/L	100.0		95.3	70-160	5.40	25	†
Naphthalene	8.74	2.0	µg/L	10.00		87.4	40-130	4.15	25	†
n-Propylbenzene	10.3	1.0	µg/L	10.00		103	70-130	5.37	25	
Styrene	10.7	1.0	µg/L	10.00		107	70-130	6.76	25	
1,1,2,2-Tetrachloroethane	9.67	0.50	µg/L	10.00		96.7	70-130	1.14	25	
Tetrachloroethylene	10.3	1.0	µg/L	10.00		103	70-130	0.487	25	
Toluene	10.4	1.0	µg/L	10.00		104	70-130	3.24	25	
1,2,3-Trichlorobenzene	10.6	5.0	µg/L	10.00		106	70-130	9.36	25	
1,2,4-Trichlorobenzene	10.4	1.0	µg/L	10.00		104	70-130	6.12	25	
1,1,1-Trichloroethane	10.6	1.0	µg/L	10.00		106	70-130	4.62	25	
1,1,2-Trichloroethane	10.8	1.0	µg/L	10.00		108	70-130	3.40	25	
Trichloroethylene	11.1	1.0	µg/L	10.00		111	70-130	4.32	25	
Trichlorofluoromethane (Freon 11)	10.1	2.0	µg/L	10.00		101	70-130	3.94	25	
1,2,3-Trichloropropane	8.80	2.0	µg/L	10.00		88.0	70-130	0.456	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.64	1.0	µg/L	10.00		96.4	70-130	1.67	25	
1,2,4-Trimethylbenzene	10.4	1.0	µg/L	10.00		104	70-130	6.59	25	
1,3,5-Trimethylbenzene	9.88	1.0	µg/L	10.00		98.8	70-130	4.24	25	
Vinyl Chloride	10.1	2.0	µg/L	10.00		101	40-160	2.51	25	†
m+p Xylene	20.4	2.0	µg/L	20.00		102	70-130	3.30	25	
o-Xylene	10.2	1.0	µg/L	10.00		102	70-130	6.37	25	
Xylenes (total)	30.6	1.0	µg/L	30.00		102	0-200	4.31		
Surrogate: 1,2-Dichloroethane-d4	25.2		µg/L	25.00		101	70-130			
Surrogate: Toluene-d8	25.0		µg/L	25.00		100	70-130			
Surrogate: 4-Bromofluorobenzene	25.0		µg/L	25.00		99.9	70-130			

FLAG/QUALIFIER SUMMARY

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

CERTIFICATIONS

Certified Analyses included in this Report

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

CERTIFICATIONS

Certified Analyses included in this Report

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

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

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

Chain of Custody / Analysis Report

RAMBOLL
 Contact: Michael Griffasi
 Address: 333 West Washington Street
 Syracuse, New York 13221-4873
 Phone: (315) 956-6100
 E-mail: michael.griffasi@ramboll.com
 Project: NYSDEC Claremont Polychemical Site Q1 Sampling
 Location: Old Bethpage, New York

Sampler(s): Rebecca Britt
 (Signature) *Rebecca Britt*
 Holding Time: *2570805 XAM*
 Laboratory: ELON
 Phone: KYR MURRON
 Package Requirement: Level 2 and Level 3
 EDD Format: EQUIS 4-file

Unique Field Sample ID (sys_sample_code)	Sample Identification		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:
	Sample Location	Sample Matrix								1	0	0	0	
1 MW10D-CP-00-20250610	MW-10D		6/10/2025	8:47	N	WG	3	G	N	X				
2 EW2A-CP-00-20250610	EW-2A		6/10/2025	9:05	N	WG	3	G	N	X				
3 EW2B-CP-00-20250610	EW-2B		6/10/2025	9:06	N	WG	3	G	N	X				
4 EW2C-CP-00-20250610	EW-2C		6/10/2025	9:07	N	WG	3	G	N	X				
5 EW2D-CP-00-20250610	EW-2D		6/10/2025	9:08	N	WG	3	G	N	X				
6 MW8C-CP-00-20250610	MW-8C		6/10/2025	10:10	N	WG	3	G	N	X				
7 MW6D-CP-00-20250610	MW-6D		6/10/2025	10:15	N	WG	3	G	N	X				
8 BP12B-CP-00-20250610	BP-12B		6/10/2025	10:41	N	WG	3	G	N	X				
9 BP12C-CP-00-20250610	BP-12C		6/10/2025	10:42	N	WG	3	G	N	X				
10 BP5B-CP-00-20250610	BP-5B		6/10/2025	11:00	N	WG	3	G	N	X				
11 BP5C-CP-00-20250610	BP-5C		6/10/2025	11:01	N	WG	3	G	N	X				
12 BP13B-CP-00-20250610	BP-13B		6/10/2025	11:40	N	WG	3	G	N	X				
13 BP13B-CP-01-20250610	BP-13B		6/10/2025	11:40	FD	WG	3	G	N	X				
14 BP13C-CP-00-20250610	BP-13C		6/10/2025	11:41	N	WG	3	G	N	X				

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

Relinquished by: *Rebecca Britt* (Signature)
 Of: *RAMBOLL*
 Date: 6/10/25
 Time: 16:13

Relinquished by: *MO A Pace*
 Of: *MO A Pace*
 Date: 6/10/25
 Time: 20:25


Courier Name: *MO A Pace*
 Tracking #: *1612*
 Date: 6/10/25
 Time: 16:13

Received By: *MO A Pace*
 Tracking #: *1612*
 Date: 6/10/25
 Time: 16:12

Condition: *6/10/25*
 Date: 6/10/25
 Time: 16:30
 Custody Seals Intact? (if so, indicate the #, date, and time of the seal)
 Cooler Temperature: *2.5 B*

Other comments or notes regarding condition of samples as received:

Confidential

	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	Ambers	
																							8oz Amb/Clear
																							4oz Amb/Clear
																							2oz Amb/Clear
																						Unpreserved	Ambers
																						HCL	
																						Sulfuric	
																						Sulfuric	
																						Phosphoric	Ambers
																						HCl	
																						Unpreserved	
																						Unpreserved	
																						Sulfuric	Plastics
																						Unpreserved	
																						Sulfuric	
																						Unpreserved	
																						Trizma	Plastics
																						Sulfuric	
																						Nitric	
																						NaOH	
																						Ammonium Acetate	Plastics
																						NaOH/Zinc	
																						Unpreserved	
																						HCl	
																						MeOH	VOA Vials
																						D.I. Water	
																						BiSulfate	
																						Col/Bact	
																							Other / Fill in

w ← → w

June 19, 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: 25F0804

Enclosed are results of analyses for samples as received by the laboratory on June 11, 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	7
25F0804-01	7
25F0804-02	9
25F0804-03	11
25F0804-04	13
25F0804-05	15
25F0804-06	17
25F0804-07	19
25F0804-08	21
25F0804-09	23
25F0804-10	25
25F0804-11	27
Sample Preparation Information	29
QC Data	30
Volatile Organic Compounds by GC/MS	30
B407403	30
B407405	33
B407475	37
Flag/Qualifier Summary	42
Certifications	43
Chain of Custody/Sample Receipt	45



Pace Analytical Services, LLC - East Longmeadow, Ma

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: 6/19/2025

PURCHASE ORDER NUMBER: 151811

PROJECT NUMBER: 130015

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 25F0804

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
EW5-CP-00-20250610	25F0804-01	Ground Water		SW-846 8260D	
DS2-CP-00-20250610	25F0804-02	Ground Water		SW-846 8260D	
SW1-CP-00-20250610	25F0804-03	Ground Water		SW-846 8260D	
DW1-CP-00-20250610	25F0804-04	Ground Water		SW-846 8260D	
EW1A-CP-00-20250610	25F0804-05	Ground Water		SW-846 8260D	
EW1B-CP-00-20250610	25F0804-06	Ground Water		SW-846 8260D	
EW1C-CP-00-20250610	25F0804-07	Ground Water		SW-846 8260D	
EW7C-CP-00-20250610	25F0804-08	Ground Water		SW-846 8260D	
EW7D-CP-00-20250610	25F0804-09	Ground Water		SW-846 8260D	
MW11A-CP-00-20250610	25F0804-10	Ground Water		SW-846 8260D	
MW11B-CP-00-20250610	25F0804-11	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.

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

SW-846 8260D

Qualifications:

L-04

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

Analyte & Samples(s) Qualified:

Methyl Acetate

25F0804-05[EW1A-CP-00-20250610], 25F0804-06[EW1B-CP-00-20250610], 25F0804-07[EW1C-CP-00-20250610], 25F0804-08[EW7C-CP-00-20250610], 25F0804-09[EW7D-CP-00-20250610], 25F0804-10[MW11A-CP-00-20250610], 25F0804-11[MW11B-CP-00-20250610], B407405-BLK1, B407405-BS1, B407405-BSD1

RL-11

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

25F0804-08[EW7C-CP-00-20250610]

V-05

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

Analyte & Samples(s) Qualified:

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

25F0804-01[EW5-CP-00-20250610], 25F0804-02[DS2-CP-00-20250610], 25F0804-03[SW1-CP-00-20250610], 25F0804-04[DW1-CP-00-20250610], 25F0804-05[EW1A-CP-00-20250610], 25F0804-06[EW1B-CP-00-20250610], 25F0804-07[EW1C-CP-00-20250610], 25F0804-08[EW7C-CP-00-20250610], 25F0804-09[EW7D-CP-00-20250610], 25F0804-10[MW11A-CP-00-20250610], 25F0804-11[MW11B-CP-00-20250610], B407403-BLK1, B407403-BS1, B407403-BSD1, B407405-BLK1, B407405-BS1, B407405-BSD1, S122678-CCV1, S122693-CCV1

Methyl Acetate

25F0804-05[EW1A-CP-00-20250610], 25F0804-06[EW1B-CP-00-20250610], 25F0804-07[EW1C-CP-00-20250610], 25F0804-08[EW7C-CP-00-20250610], 25F0804-09[EW7D-CP-00-20250610], 25F0804-10[MW11A-CP-00-20250610], 25F0804-11[MW11B-CP-00-20250610], B407405-BLK1, B407405-BS1, B407405-BSD1, B407475-BLK1, B407475-BS1, B407475-BSD1, S122693-CCV1, S122765-CCV1

Naphthalene

25F0804-05[EW1A-CP-00-20250610], 25F0804-06[EW1B-CP-00-20250610], 25F0804-07[EW1C-CP-00-20250610], 25F0804-08[EW7C-CP-00-20250610], 25F0804-09[EW7D-CP-00-20250610], 25F0804-10[MW11A-CP-00-20250610], 25F0804-11[MW11B-CP-00-20250610], B407405-BLK1, B407405-BS1, B407405-BSD1, S122693-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:

Dichlorodifluoromethane (Freon 12)

25F0804-10[MW11A-CP-00-20250610], 25F0804-11[MW11B-CP-00-20250610], B407405-BS1, B407405-BSD1, S122693-CCV1

V-20

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

Analyte & Samples(s) Qualified:

1,2,3-Trichloropropane

B407475-BS1, B407475-BSD1, S122765-CCV1

Bromomethane

B407405-BS1, B407405-BSD1, S122693-CCV1

Chlorobenzene

B407475-BS1, B407475-BSD1, S122765-CCV1

Dichlorodifluoromethane (Freon 12)

B407403-BS1, B407403-BSD1, S122678-CCV1

Methyl Cyclohexane

B407403-BS1, B407403-BSD1, S122678-CCV1

Trichlorofluoromethane (Freon 11)

B407475-BS1, B407475-BSD1, S122765-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 set against 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: 25F0804

Date Received: 6/11/2025

Field Sample #: EW5-CP-00-20250610

Sampled: 6/10/2025 13:10

Sample ID: 25F0804-01

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	170	50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	6/16/25	6/16/25 16:12	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	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: 25F0804

Date Received: 6/11/2025

Field Sample #: EW5-CP-00-20250610

Sampled: 6/10/2025 13:10

Sample ID: 25F0804-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
Trichloroethylene	1.4	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:12	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		104	70-130				6/16/25	16:12	
Toluene-d8		99.3	70-130				6/16/25	16:12	
4-Bromofluorobenzene		93.9	70-130				6/16/25	16:12	

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: 25F0804

Date Received: 6/11/2025

Field Sample #: DS2-CP-00-20250610

Sampled: 6/10/2025 13:15

Sample ID: 25F0804-02

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	690	50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	6/16/25	6/16/25 16:38	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	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: 25F0804

Date Received: 6/11/2025

Field Sample #: DS2-CP-00-20250610

Sampled: 6/10/2025 13:15

Sample ID: 25F0804-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
Tetrachloroethylene	2.1	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
Toluene	8.1	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 16:38	MFF
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		100		70-130				6/16/25 16:38	
Toluene-d8		99.8		70-130				6/16/25 16:38	
4-Bromofluorobenzene		91.4		70-130				6/16/25 16:38	

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: 25F0804

Date Received: 6/11/2025

Field Sample #: SW1-CP-00-20250610

Sampled: 6/10/2025 13:20

Sample ID: 25F0804-03

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	660	50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	6/16/25	6/16/25 17:32	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MFF
cis-1,2-Dichloroethylene	28	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	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: 25F0804

Date Received: 6/11/2025

Field Sample #: SW1-CP-00-20250610

Sampled: 6/10/2025 13:20

Sample ID: 25F0804-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MF
Tetrachloroethylene	470	25	µg/L	25		SW-846 8260D	6/17/25	6/17/25 23:55	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MF
Trichloroethylene	33	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:32	MF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	101	70-130	6/16/25 17:32
1,2-Dichloroethane-d4	95.3	70-130	6/17/25 23:55
Toluene-d8	100	70-130	6/16/25 17:32
Toluene-d8	95.7	70-130	6/17/25 23:55
4-Bromofluorobenzene	96.2	70-130	6/16/25 17:32
4-Bromofluorobenzene	105	70-130	6/17/25 23:55



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: 25F0804

Date Received: 6/11/2025

Field Sample #: DW1-CP-00-20250610

Sampled: 6/10/2025 13:25

Sample ID: 25F0804-04

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	280	50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	6/16/25	6/16/25 17:05	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	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: 25F0804

Date Received: 6/11/2025

Field Sample #: DW1-CP-00-20250610

Sampled: 6/10/2025 13:25

Sample ID: 25F0804-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
Tetrachloroethylene	1.3	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:05	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		101	70-130				6/16/25	17:05	
Toluene-d8		99.6	70-130				6/16/25	17:05	
4-Bromofluorobenzene		92.2	70-130				6/16/25	17:05	

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: 25F0804

Date Received: 6/11/2025

Field Sample #: EW1A-CP-00-20250610

Sampled: 6/10/2025 13:30

Sample ID: 25F0804-05

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	160	50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	6/16/25	6/16/25 14:11	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
Methyl Acetate	ND	1.0	µg/L	1	L-04, V-05	SW-846 8260D	6/16/25	6/16/25 14:11	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	6/16/25	6/16/25 14:11	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	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: 25F0804

Date Received: 6/11/2025

Field Sample #: EW1A-CP-00-20250610

Sampled: 6/10/2025 13:30

Sample ID: 25F0804-05

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	6/16/25	6/16/25 14:11	EEH
Tetrachloroethylene	3.8	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:11	EEH
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		89.5		70-130				6/16/25 14:11	
Toluene-d8		95.7		70-130				6/16/25 14:11	
4-Bromofluorobenzene		98.3		70-130				6/16/25 14:11	

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: 25F0804

Date Received: 6/11/2025

Field Sample #: EW1B-CP-00-20250610

Sampled: 6/10/2025 13:31

Sample ID: 25F0804-06

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	6/16/25	6/16/25 14:37	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	6/16/25	6/16/25 14:37	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
Methyl Acetate	ND	1.0	µg/L	1	L-04, V-05	SW-846 8260D	6/16/25	6/16/25 14:37	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	6/16/25	6/16/25 14:37	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	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: 25F0804

Date Received: 6/11/2025

Field Sample #: EW1B-CP-00-20250610

Sampled: 6/10/2025 13:31

Sample ID: 25F0804-06

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	6/16/25	6/16/25 14:37	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 14:37	EEH
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		88.7	70-130				6/16/25	14:37	
Toluene-d8		95.9	70-130				6/16/25	14:37	
4-Bromofluorobenzene		99.3	70-130				6/16/25	14:37	

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: 25F0804

Date Received: 6/11/2025

Field Sample #: EWIC-CP-00-20250610

Sampled: 6/10/2025 13:32

Sample ID: 25F0804-07

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	88	50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	6/16/25	6/16/25 15:03	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
Methyl Acetate	ND	1.0	µg/L	1	L-04, V-05	SW-846 8260D	6/16/25	6/16/25 15:03	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	6/16/25	6/16/25 15:03	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	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: 25F0804

Date Received: 6/11/2025

Field Sample #: EWIC-CP-00-20250610

Sampled: 6/10/2025 13:32

Sample ID: 25F0804-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:03	EEH
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		86.2		70-130				6/16/25 15:03	
Toluene-d8		95.6		70-130				6/16/25 15:03	
4-Bromofluorobenzene		98.6		70-130				6/16/25 15:03	

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: 25F0804

Date Received: 6/11/2025

Field Sample #: EW7C-CP-00-20250610

Sampled: 6/10/2025 14:40

Sample ID: 25F0804-08

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	110	100	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
Benzene	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
Bromochloromethane	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
Bromodichloromethane	ND	1.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
Bromoform	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
Bromomethane	ND	4.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
2-Butanone (MEK)	ND	40	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
n-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
sec-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
tert-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
Carbon Disulfide	ND	10	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
Carbon Tetrachloride	ND	10	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
Chlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
Chlorodibromomethane	ND	1.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
Chloroethane	ND	4.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
Chloroform	ND	4.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
Chloromethane	ND	4.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
Cyclohexane	ND	10	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	µg/L	2	V-05	SW-846 8260D	6/16/25	6/16/25 18:56	EEH
1,2-Dibromoethane (EDB)	ND	1.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
1,2-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
1,3-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
1,4-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
Dichlorodifluoromethane (Freon 12)	ND	4.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
1,1-Dichloroethane	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
1,2-Dichloroethane	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
1,1-Dichloroethylene	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
cis-1,2-Dichloroethylene	2.7	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
trans-1,2-Dichloroethylene	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
1,2-Dichloropropane	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
cis-1,3-Dichloropropene	ND	1.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
trans-1,3-Dichloropropene	ND	1.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
Ethylbenzene	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
2-Hexanone (MBK)	ND	20	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
Isopropylbenzene (Cumene)	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
p-Isopropyltoluene (p-Cymene)	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
Methyl Acetate	ND	2.0	µg/L	2	L-04, V-05	SW-846 8260D	6/16/25	6/16/25 18:56	EEH
Methyl tert-Butyl Ether (MTBE)	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
Methyl Cyclohexane	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
Methylene Chloride	ND	10	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
4-Methyl-2-pentanone (MIBK)	ND	20	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
Naphthalene	ND	4.0	µg/L	2	V-05	SW-846 8260D	6/16/25	6/16/25 18:56	EEH
n-Propylbenzene	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
Styrene	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	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: 25F0804

Date Received: 6/11/2025

Field Sample #: EW7C-CP-00-20250610

Sampled: 6/10/2025 14:40

Sample ID: 25F0804-08

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	6/16/25	6/16/25 18:56	EEH
Tetrachloroethylene	16	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
Toluene	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
1,2,3-Trichlorobenzene	ND	10	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
1,2,4-Trichlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
1,1,1-Trichloroethane	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
1,1,2-Trichloroethane	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
Trichloroethylene	210	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
Trichlorofluoromethane (Freon 11)	ND	4.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
1,2,3-Trichloropropane	ND	4.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
1,2,4-Trimethylbenzene	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
1,3,5-Trimethylbenzene	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
Vinyl Chloride	ND	4.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
m+p Xylene	ND	4.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
o-Xylene	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
Xylenes (total)	ND	2.0	µg/L	2		SW-846 8260D	6/16/25	6/16/25 18:56	EEH
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		90.3		70-130				6/16/25 18:56	
Toluene-d8		96.3		70-130				6/16/25 18:56	
4-Bromofluorobenzene		102		70-130				6/16/25 18:56	

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: 25F0804

Date Received: 6/11/2025

Field Sample #: EW7D-CP-00-20250610

Sampled: 6/10/2025 14:41

Sample ID: 25F0804-09

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	83	50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	6/16/25	6/16/25 17:12	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
Methyl Acetate	ND	1.0	µg/L	1	L-04, V-05	SW-846 8260D	6/16/25	6/16/25 17:12	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	6/16/25	6/16/25 17:12	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	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: 25F0804

Date Received: 6/11/2025

Field Sample #: EW7D-CP-00-20250610

Sampled: 6/10/2025 14:41

Sample ID: 25F0804-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
Tetrachloroethylene	2.4	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 17:12	EEH
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		89.1		70-130				6/16/25 17:12	
Toluene-d8		94.4		70-130				6/16/25 17:12	
4-Bromofluorobenzene		98.8		70-130				6/16/25 17:12	

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: 25F0804

Date Received: 6/11/2025

Field Sample #: MW11A-CP-00-20250610

Sampled: 6/10/2025 12:30

Sample ID: 25F0804-10

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	460	50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	6/16/25	6/16/25 15:29	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
Dichlorodifluoromethane (Freon 12)	4.3	2.0	µg/L	1	V-06	SW-846 8260D	6/16/25	6/16/25 15:29	EEH
1,1-Dichloroethane	11	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
1,1-Dichloroethylene	1.0	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
cis-1,2-Dichloroethylene	81	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
Methyl Acetate	ND	1.0	µg/L	1	L-04, V-05	SW-846 8260D	6/16/25	6/16/25 15:29	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	6/16/25	6/16/25 15:29	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	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: 25F0804

Date Received: 6/11/2025

Field Sample #: MW11A-CP-00-20250610

Sampled: 6/10/2025 12:30

Sample ID: 25F0804-10

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
Tetrachloroethylene	8.9	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
Trichloroethylene	7.9	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.1	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:29	EEH
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		88.3		70-130			6/16/25	15:29	
Toluene-d8		95.2		70-130			6/16/25	15:29	
4-Bromofluorobenzene		101		70-130			6/16/25	15:29	

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: 25F0804

Date Received: 6/11/2025

Field Sample #: MW11B-CP-00-20250610

Sampled: 6/10/2025 12:31

Sample ID: 25F0804-11

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	94	50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
Benzene	1.8	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	6/16/25	6/16/25 15:55	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
Dichlorodifluoromethane (Freon 12)	3.3	2.0	µg/L	1	V-06	SW-846 8260D	6/16/25	6/16/25 15:55	EEH
1,1-Dichloroethane	16	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
1,2-Dichloroethane	1.6	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
1,1-Dichloroethylene	2.2	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
cis-1,2-Dichloroethylene	33	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
Methyl Acetate	ND	1.0	µg/L	1	L-04, V-05	SW-846 8260D	6/16/25	6/16/25 15:55	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	6/16/25	6/16/25 15:55	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	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: 25F0804

Date Received: 6/11/2025

Field Sample #: MW11B-CP-00-20250610

Sampled: 6/10/2025 12:31

Sample ID: 25F0804-11

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
Tetrachloroethylene	3.8	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
1,1,1-Trichloroethane	2.6	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
Trichloroethylene	5.2	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
Vinyl Chloride	3.1	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	6/16/25	6/16/25 15:55	EEH
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		90.3		70-130				6/16/25 15:55	
Toluene-d8		94.6		70-130				6/16/25 15:55	
4-Bromofluorobenzene		98.2		70-130				6/16/25 15:55	

Sample Extraction Data

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
25F0804-01 [EW5-CP-00-20250610]	B407403	5	5.00	06/16/25
25F0804-02 [DS2-CP-00-20250610]	B407403	5	5.00	06/16/25
25F0804-03 [SW1-CP-00-20250610]	B407403	5	5.00	06/16/25
25F0804-04 [DW1-CP-00-20250610]	B407403	5	5.00	06/16/25

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
25F0804-05 [EW1A-CP-00-20250610]	B407405	5	5.00	06/16/25
25F0804-06 [EW1B-CP-00-20250610]	B407405	5	5.00	06/16/25
25F0804-07 [EW1C-CP-00-20250610]	B407405	5	5.00	06/16/25
25F0804-08 [EW7C-CP-00-20250610]	B407405	2.5	5.00	06/16/25
25F0804-09 [EW7D-CP-00-20250610]	B407405	5	5.00	06/16/25
25F0804-10 [MW11A-CP-00-20250610]	B407405	5	5.00	06/16/25
25F0804-11 [MW11B-CP-00-20250610]	B407405	5	5.00	06/16/25

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
25F0804-03RE1 [SW1-CP-00-20250610]	B407475	0.2	5.00	06/17/25

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 B407403 - SW-846 5030B

Blank (B407403-BLK1)

Prepared & Analyzed: 06/16/25

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							V-05
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl Acetate	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methyl Cyclohexane	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							

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 B407403 - SW-846 5030B										
Blank (B407403-BLK1)										
Prepared & Analyzed: 06/16/25										
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,2,3-Trichloropropane	ND	2.0	µg/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L							
1,2,4-Trimethylbenzene	ND	1.0	µg/L							
1,3,5-Trimethylbenzene	ND	1.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	1.0	µg/L							
Xylenes (total)	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	24.7		µg/L	25.00		98.7	70-130			
Surrogate: Toluene-d8	25.4		µg/L	25.00		102	70-130			
Surrogate: 4-Bromofluorobenzene	23.2		µg/L	25.00		92.6	70-130			
LCS (B407403-BS1)										
Prepared & Analyzed: 06/16/25										
Acetone	96.6	50	µg/L	100.0		96.6	70-160			†
Benzene	11.0	1.0	µg/L	10.00		110	70-130			
Bromochloromethane	12.2	1.0	µg/L	10.00		122	70-130			
Bromodichloromethane	10.2	0.50	µg/L	10.00		102	70-130			
Bromoform	8.58	1.0	µg/L	10.00		85.8	70-130			
Bromomethane	9.37	2.0	µg/L	10.00		93.7	40-160			†
2-Butanone (MEK)	118	20	µg/L	100.0		118	40-160			†
n-Butylbenzene	10.1	1.0	µg/L	10.00		101	70-130			
sec-Butylbenzene	9.55	1.0	µg/L	10.00		95.5	70-130			
tert-Butylbenzene	10.0	1.0	µg/L	10.00		100	70-130			
Carbon Disulfide	108	5.0	µg/L	100.0		108	70-130			
Carbon Tetrachloride	10.1	5.0	µg/L	10.00		101	70-130			
Chlorobenzene	9.69	1.0	µg/L	10.00		96.9	70-130			
Chlorodibromomethane	9.44	0.50	µg/L	10.00		94.4	70-130			
Chloroethane	8.75	2.0	µg/L	10.00		87.5	70-130			
Chloroform	10.5	2.0	µg/L	10.00		105	70-130			
Chloromethane	10.4	2.0	µg/L	10.00		104	40-160			†
Cyclohexane	10.9	5.0	µg/L	10.00		109	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	8.90	5.0	µg/L	10.00		89.0	70-130			V-05
1,2-Dibromoethane (EDB)	10.1	0.50	µg/L	10.00		101	70-130			
1,2-Dichlorobenzene	9.37	1.0	µg/L	10.00		93.7	70-130			
1,3-Dichlorobenzene	9.67	1.0	µg/L	10.00		96.7	70-130			
1,4-Dichlorobenzene	9.66	1.0	µg/L	10.00		96.6	70-130			
Dichlorodifluoromethane (Freon 12)	11.5	2.0	µg/L	10.00		115	40-160			V-20 †
1,1-Dichloroethane	10.8	1.0	µg/L	10.00		108	70-130			
1,2-Dichloroethane	10.2	1.0	µg/L	10.00		102	70-130			
1,1-Dichloroethylene	8.91	1.0	µg/L	10.00		89.1	70-130			
cis-1,2-Dichloroethylene	11.0	1.0	µg/L	10.00		110	70-130			
trans-1,2-Dichloroethylene	10.3	1.0	µg/L	10.00		103	70-130			
1,2-Dichloropropane	10.6	1.0	µg/L	10.00		106	70-130			
cis-1,3-Dichloropropene	10.3	0.50	µg/L	10.00		103	70-130			
trans-1,3-Dichloropropene	10.6	0.50	µg/L	10.00		106	70-130			
Ethylbenzene	10.2	1.0	µg/L	10.00		102	70-130			
2-Hexanone (MBK)	101	10	µg/L	100.0		101	70-160			†
Isopropylbenzene (Cumene)	9.81	1.0	µg/L	10.00		98.1	70-130			
p-Isopropyltoluene (p-Cymene)	9.53	1.0	µg/L	10.00		95.3	70-130			
Methyl Acetate	9.15	1.0	µg/L	10.00		91.5	70-130			
Methyl tert-Butyl Ether (MTBE)	10.5	1.0	µg/L	10.00		105	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 B407403 - SW-846 5030B

LCS (B407403-BS1)

Prepared & Analyzed: 06/16/25

Methyl Cyclohexane	11.3	1.0	µg/L	10.00		113	70-130			V-20
Methylene Chloride	10.5	5.0	µg/L	10.00		105	70-130			
4-Methyl-2-pentanone (MIBK)	101	10	µg/L	100.0		101	70-160			†
Naphthalene	9.11	2.0	µg/L	10.00		91.1	40-130			†
n-Propylbenzene	9.79	1.0	µg/L	10.00		97.9	70-130			
Styrene	10.0	1.0	µg/L	10.00		100	70-130			
1,1,2,2-Tetrachloroethane	9.56	0.50	µg/L	10.00		95.6	70-130			
Tetrachloroethylene	10.2	1.0	µg/L	10.00		102	70-130			
Toluene	10.0	1.0	µg/L	10.00		100	70-130			
1,2,3-Trichlorobenzene	9.67	5.0	µg/L	10.00		96.7	70-130			
1,2,4-Trichlorobenzene	9.82	1.0	µg/L	10.00		98.2	70-130			
1,1,1-Trichloroethane	10.2	1.0	µg/L	10.00		102	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)	9.71	2.0	µg/L	10.00		97.1	70-130			
1,2,3-Trichloropropane	8.76	2.0	µg/L	10.00		87.6	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.48	1.0	µg/L	10.00		94.8	70-130			
1,2,4-Trimethylbenzene	9.69	1.0	µg/L	10.00		96.9	70-130			
1,3,5-Trimethylbenzene	9.47	1.0	µg/L	10.00		94.7	70-130			
Vinyl Chloride	9.83	2.0	µg/L	10.00		98.3	40-160			†
m+p Xylene	19.7	2.0	µg/L	20.00		98.4	70-130			
o-Xylene	9.57	1.0	µg/L	10.00		95.7	70-130			
Xylenes (total)	29.3	1.0	µg/L	30.00		97.5	0-200			

Surrogate: 1,2-Dichloroethane-d4	25.2		µg/L	25.00		101	70-130			
Surrogate: Toluene-d8	25.5		µg/L	25.00		102	70-130			
Surrogate: 4-Bromofluorobenzene	24.3		µg/L	25.00		97.3	70-130			

LCS Dup (B407403-BSD1)

Prepared & Analyzed: 06/16/25

Acetone	93.6	50	µg/L	100.0		93.6	70-160	3.17	25	†
Benzene	11.4	1.0	µg/L	10.00		114	70-130	3.67	25	
Bromochloromethane	12.3	1.0	µg/L	10.00		123	70-130	0.733	25	
Bromodichloromethane	10.5	0.50	µg/L	10.00		105	70-130	2.99	25	
Bromoform	8.23	1.0	µg/L	10.00		82.3	70-130	4.16	25	
Bromomethane	9.38	2.0	µg/L	10.00		93.8	40-160	0.107	25	†
2-Butanone (MEK)	108	20	µg/L	100.0		108	40-160	8.49	25	†
n-Butylbenzene	11.1	1.0	µg/L	10.00		111	70-130	9.32	25	
sec-Butylbenzene	10.2	1.0	µg/L	10.00		102	70-130	6.88	25	
tert-Butylbenzene	10.6	1.0	µg/L	10.00		106	70-130	5.90	25	
Carbon Disulfide	103	5.0	µg/L	100.0		103	70-130	4.28	25	
Carbon Tetrachloride	10.5	5.0	µg/L	10.00		105	70-130	3.69	25	
Chlorobenzene	10.4	1.0	µg/L	10.00		104	70-130	6.97	25	
Chlorodibromomethane	9.64	0.50	µg/L	10.00		96.4	70-130	2.10	25	
Chloroethane	9.22	2.0	µg/L	10.00		92.2	70-130	5.23	25	
Chloroform	11.3	2.0	µg/L	10.00		113	70-130	6.99	25	
Chloromethane	10.4	2.0	µg/L	10.00		104	40-160	0.0963	25	†
Cyclohexane	11.2	5.0	µg/L	10.00		112	70-130	2.62	25	
1,2-Dibromo-3-chloropropane (DBCP)	8.78	5.0	µg/L	10.00		87.8	70-130	1.36	25	V-05
1,2-Dibromoethane (EDB)	10.5	0.50	µg/L	10.00		105	70-130	3.79	25	
1,2-Dichlorobenzene	10.1	1.0	µg/L	10.00		101	70-130	7.60	25	
1,3-Dichlorobenzene	10.6	1.0	µg/L	10.00		106	70-130	8.80	25	
1,4-Dichlorobenzene	10.2	1.0	µg/L	10.00		102	70-130	5.73	25	
Dichlorodifluoromethane (Freon 12)	11.5	2.0	µg/L	10.00		115	40-160	0.261	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 B407403 - SW-846 5030B										
LCS Dup (B407403-BSD1)										
Prepared & Analyzed: 06/16/25										
1,1-Dichloroethane	11.2	1.0	µg/L	10.00		112	70-130	3.46	25	
1,2-Dichloroethane	10.4	1.0	µg/L	10.00		104	70-130	1.56	25	
1,1-Dichloroethylene	9.56	1.0	µg/L	10.00		95.6	70-130	7.04	25	
cis-1,2-Dichloroethylene	11.4	1.0	µg/L	10.00		114	70-130	2.85	25	
trans-1,2-Dichloroethylene	10.6	1.0	µg/L	10.00		106	70-130	3.16	25	
1,2-Dichloropropane	11.4	1.0	µg/L	10.00		114	70-130	6.72	25	
cis-1,3-Dichloropropene	10.6	0.50	µg/L	10.00		106	70-130	2.96	25	
trans-1,3-Dichloropropene	10.8	0.50	µg/L	10.00		108	70-130	0.935	25	
Ethylbenzene	10.6	1.0	µg/L	10.00		106	70-130	4.52	25	
2-Hexanone (MBK)	92.0	10	µg/L	100.0		92.0	70-160	9.76	25	†
Isopropylbenzene (Cumene)	10.1	1.0	µg/L	10.00		101	70-130	2.71	25	
p-Isopropyltoluene (p-Cymene)	10.7	1.0	µg/L	10.00		107	70-130	11.5	25	
Methyl Acetate	8.70	1.0	µg/L	10.00		87.0	70-130	5.04	25	
Methyl tert-Butyl Ether (MTBE)	10.7	1.0	µg/L	10.00		107	70-130	1.23	25	
Methyl Cyclohexane	12.1	1.0	µg/L	10.00		121	70-130	6.15	25	V-20
Methylene Chloride	11.0	5.0	µg/L	10.00		110	70-130	5.20	25	
4-Methyl-2-pentanone (MIBK)	95.3	10	µg/L	100.0		95.3	70-160	5.40	25	†
Naphthalene	8.74	2.0	µg/L	10.00		87.4	40-130	4.15	25	†
n-Propylbenzene	10.3	1.0	µg/L	10.00		103	70-130	5.37	25	
Styrene	10.7	1.0	µg/L	10.00		107	70-130	6.76	25	
1,1,2,2-Tetrachloroethane	9.67	0.50	µg/L	10.00		96.7	70-130	1.14	25	
Tetrachloroethylene	10.3	1.0	µg/L	10.00		103	70-130	0.487	25	
Toluene	10.4	1.0	µg/L	10.00		104	70-130	3.24	25	
1,2,3-Trichlorobenzene	10.6	5.0	µg/L	10.00		106	70-130	9.36	25	
1,2,4-Trichlorobenzene	10.4	1.0	µg/L	10.00		104	70-130	6.12	25	
1,1,1-Trichloroethane	10.6	1.0	µg/L	10.00		106	70-130	4.62	25	
1,1,2-Trichloroethane	10.8	1.0	µg/L	10.00		108	70-130	3.40	25	
Trichloroethylene	11.1	1.0	µg/L	10.00		111	70-130	4.32	25	
Trichlorofluoromethane (Freon 11)	10.1	2.0	µg/L	10.00		101	70-130	3.94	25	
1,2,3-Trichloropropane	8.80	2.0	µg/L	10.00		88.0	70-130	0.456	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.64	1.0	µg/L	10.00		96.4	70-130	1.67	25	
1,2,4-Trimethylbenzene	10.4	1.0	µg/L	10.00		104	70-130	6.59	25	
1,3,5-Trimethylbenzene	9.88	1.0	µg/L	10.00		98.8	70-130	4.24	25	
Vinyl Chloride	10.1	2.0	µg/L	10.00		101	40-160	2.51	25	†
m+p Xylene	20.4	2.0	µg/L	20.00		102	70-130	3.30	25	
o-Xylene	10.2	1.0	µg/L	10.00		102	70-130	6.37	25	
Xylenes (total)	30.6	1.0	µg/L	30.00		102	0-200	4.31		
Surrogate: 1,2-Dichloroethane-d4	25.2		µg/L	25.00		101	70-130			
Surrogate: Toluene-d8	25.0		µg/L	25.00		100	70-130			
Surrogate: 4-Bromofluorobenzene	25.0		µg/L	25.00		99.9	70-130			

Batch B407405 - SW-846 5030B

Blank (B407405-BLK1)

Prepared & Analyzed: 06/16/25

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 B407405 - SW-846 5030B										
Blank (B407405-BLK1)										
Prepared & Analyzed: 06/16/25										
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							V-05
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl Acetate	ND	1.0	µg/L							L-04, 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							V-05
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							
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 B407405 - SW-846 5030B										
Blank (B407405-BLK1)										
Prepared & Analyzed: 06/16/25										
o-Xylene	ND	1.0	µg/L							
Xylenes (total)	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	22.1		µg/L	25.00		88.4	70-130			
Surrogate: Toluene-d8	24.1		µg/L	25.00		96.4	70-130			
Surrogate: 4-Bromofluorobenzene	24.8		µg/L	25.00		99.1	70-130			
LCS (B407405-BS1)										
Prepared & Analyzed: 06/16/25										
Acetone	89.1	50	µg/L	100.0		89.1	70-160			†
Benzene	10.3	1.0	µg/L	10.00		103	70-130			
Bromochloromethane	11.5	1.0	µg/L	10.00		115	70-130			
Bromodichloromethane	10.6	0.50	µg/L	10.00		106	70-130			
Bromoform	10.2	1.0	µg/L	10.00		102	70-130			
Bromomethane	15.6	2.0	µg/L	10.00		156	40-160			V-20 †
2-Butanone (MEK)	81.4	20	µg/L	100.0		81.4	40-160			†
n-Butylbenzene	10.1	1.0	µg/L	10.00		101	70-130			
sec-Butylbenzene	9.81	1.0	µg/L	10.00		98.1	70-130			
tert-Butylbenzene	10.5	1.0	µg/L	10.00		105	70-130			
Carbon Disulfide	104	5.0	µg/L	100.0		104	70-130			
Carbon Tetrachloride	9.55	5.0	µg/L	10.00		95.5	70-130			
Chlorobenzene	12.2	1.0	µg/L	10.00		122	70-130			
Chlorodibromomethane	10.5	0.50	µg/L	10.00		105	70-130			
Chloroethane	10.9	2.0	µg/L	10.00		109	70-130			
Chloroform	10.4	2.0	µg/L	10.00		104	70-130			
Chloromethane	10.1	2.0	µg/L	10.00		101	40-160			†
Cyclohexane	10.1	5.0	µg/L	10.00		101	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	7.02	5.0	µg/L	10.00		70.2	70-130			V-05
1,2-Dibromoethane (EDB)	11.1	0.50	µg/L	10.00		111	70-130			
1,2-Dichlorobenzene	11.1	1.0	µg/L	10.00		111	70-130			
1,3-Dichlorobenzene	11.2	1.0	µg/L	10.00		112	70-130			
1,4-Dichlorobenzene	11.1	1.0	µg/L	10.00		111	70-130			
Dichlorodifluoromethane (Freon 12)	12.2	2.0	µg/L	10.00		122	40-160			V-06 †
1,1-Dichloroethane	10.1	1.0	µg/L	10.00		101	70-130			
1,2-Dichloroethane	10.2	1.0	µg/L	10.00		102	70-130			
1,1-Dichloroethylene	11.3	1.0	µg/L	10.00		113	70-130			
cis-1,2-Dichloroethylene	10.6	1.0	µg/L	10.00		106	70-130			
trans-1,2-Dichloroethylene	10.4	1.0	µg/L	10.00		104	70-130			
1,2-Dichloropropane	11.1	1.0	µg/L	10.00		111	70-130			
cis-1,3-Dichloropropene	10.1	0.50	µg/L	10.00		101	70-130			
trans-1,3-Dichloropropene	9.55	0.50	µg/L	10.00		95.5	70-130			
Ethylbenzene	11.6	1.0	µg/L	10.00		116	70-130			
2-Hexanone (MBK)	83.7	10	µg/L	100.0		83.7	70-160			†
Isopropylbenzene (Cumene)	11.7	1.0	µg/L	10.00		117	70-130			
p-Isopropyltoluene (p-Cymene)	10.6	1.0	µg/L	10.00		106	70-130			
Methyl Acetate	6.56	1.0	µg/L	10.00		65.6 *	70-130			V-05, L-04
Methyl tert-Butyl Ether (MTBE)	9.63	1.0	µg/L	10.00		96.3	70-130			
Methyl Cyclohexane	10.9	1.0	µg/L	10.00		109	70-130			
Methylene Chloride	10.5	5.0	µg/L	10.00		105	70-130			
4-Methyl-2-pentanone (MIBK)	90.8	10	µg/L	100.0		90.8	70-160			†
Naphthalene	7.18	2.0	µg/L	10.00		71.8	40-130			V-05 †
n-Propylbenzene	11.6	1.0	µg/L	10.00		116	70-130			
Styrene	11.9	1.0	µg/L	10.00		119	70-130			
1,1,2,2-Tetrachloroethane	11.1	0.50	µg/L	10.00		111	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 B407405 - SW-846 5030B										
LCS (B407405-BS1)										
Prepared & Analyzed: 06/16/25										
Tetrachloroethylene	11.9	1.0	µg/L	10.00		119	70-130			
Toluene	10.7	1.0	µg/L	10.00		107	70-130			
1,2,3-Trichlorobenzene	7.87	5.0	µg/L	10.00		78.7	70-130			
1,2,4-Trichlorobenzene	9.33	1.0	µg/L	10.00		93.3	70-130			
1,1,1-Trichloroethane	10.0	1.0	µg/L	10.00		100	70-130			
1,1,2-Trichloroethane	11.2	1.0	µg/L	10.00		112	70-130			
Trichloroethylene	11.0	1.0	µg/L	10.00		110	70-130			
Trichlorofluoromethane (Freon 11)	11.6	2.0	µg/L	10.00		116	70-130			
1,2,3-Trichloropropane	12.0	2.0	µg/L	10.00		120	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	10.3	1.0	µg/L	10.00		103	70-130			
1,3,5-Trimethylbenzene	11.9	1.0	µg/L	10.00		119	70-130			
Vinyl Chloride	10.8	2.0	µg/L	10.00		108	40-160			†
m+p Xylene	23.5	2.0	µg/L	20.00		117	70-130			
o-Xylene	11.6	1.0	µg/L	10.00		116	70-130			
Xylenes (total)	35.1	1.0	µg/L	30.00		117	0-200			
Surrogate: 1,2-Dichloroethane-d4	21.5		µg/L	25.00		86.0	70-130			
Surrogate: Toluene-d8	24.2		µg/L	25.00		96.8	70-130			
Surrogate: 4-Bromofluorobenzene	25.4		µg/L	25.00		102	70-130			
LCS Dup (B407405-BS1)										
Prepared & Analyzed: 06/16/25										
Acetone	92.7	50	µg/L	100.0		92.7	70-160	3.98	25	†
Benzene	10.4	1.0	µg/L	10.00		104	70-130	1.07	25	
Bromochloromethane	11.5	1.0	µg/L	10.00		115	70-130	0.174	25	
Bromodichloromethane	10.2	0.50	µg/L	10.00		102	70-130	4.22	25	
Bromoform	10.3	1.0	µg/L	10.00		103	70-130	0.978	25	
Bromomethane	15.3	2.0	µg/L	10.00		153	40-160	2.00	25	V-20 †
2-Butanone (MEK)	85.0	20	µg/L	100.0		85.0	40-160	4.30	25	†
n-Butylbenzene	10.1	1.0	µg/L	10.00		101	70-130	0.199	25	
sec-Butylbenzene	9.68	1.0	µg/L	10.00		96.8	70-130	1.33	25	
tert-Butylbenzene	10.5	1.0	µg/L	10.00		105	70-130	0.286	25	
Carbon Disulfide	104	5.0	µg/L	100.0		104	70-130	0.663	25	
Carbon Tetrachloride	9.52	5.0	µg/L	10.00		95.2	70-130	0.315	25	
Chlorobenzene	12.2	1.0	µg/L	10.00		122	70-130	0.0823	25	
Chlorodibromomethane	10.2	0.50	µg/L	10.00		102	70-130	2.99	25	
Chloroethane	10.8	2.0	µg/L	10.00		108	70-130	1.20	25	
Chloroform	10.3	2.0	µg/L	10.00		103	70-130	0.387	25	
Chloromethane	10.1	2.0	µg/L	10.00		101	40-160	0.496	25	†
Cyclohexane	10.3	5.0	µg/L	10.00		103	70-130	1.96	25	
1,2-Dibromo-3-chloropropane (DBCP)	7.13	5.0	µg/L	10.00		71.3	70-130	1.55	25	V-05
1,2-Dibromoethane (EDB)	11.2	0.50	µg/L	10.00		112	70-130	0.987	25	
1,2-Dichlorobenzene	10.7	1.0	µg/L	10.00		107	70-130	3.59	25	
1,3-Dichlorobenzene	10.9	1.0	µg/L	10.00		109	70-130	2.26	25	
1,4-Dichlorobenzene	10.9	1.0	µg/L	10.00		109	70-130	1.45	25	
Dichlorodifluoromethane (Freon 12)	12.6	2.0	µg/L	10.00		126	40-160	3.29	25	V-06 †
1,1-Dichloroethane	10.4	1.0	µg/L	10.00		104	70-130	2.54	25	
1,2-Dichloroethane	10.9	1.0	µg/L	10.00		109	70-130	6.15	25	
1,1-Dichloroethylene	11.5	1.0	µg/L	10.00		115	70-130	1.32	25	
cis-1,2-Dichloroethylene	10.7	1.0	µg/L	10.00		107	70-130	0.562	25	
trans-1,2-Dichloroethylene	10.2	1.0	µg/L	10.00		102	70-130	1.26	25	
1,2-Dichloropropane	10.6	1.0	µg/L	10.00		106	70-130	4.52	25	
cis-1,3-Dichloropropene	9.90	0.50	µg/L	10.00		99.0	70-130	1.60	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 B407405 - SW-846 5030B										
LCS Dup (B407405-BSD1)										
Prepared & Analyzed: 06/16/25										
trans-1,3-Dichloropropene	9.61	0.50	µg/L	10.00		96.1	70-130	0.626	25	
Ethylbenzene	11.6	1.0	µg/L	10.00		116	70-130	0.346	25	
2-Hexanone (MBK)	88.9	10	µg/L	100.0		88.9	70-160	6.00	25	†
Isopropylbenzene (Cumene)	11.6	1.0	µg/L	10.00		116	70-130	0.684	25	
p-Isopropyltoluene (p-Cymene)	10.4	1.0	µg/L	10.00		104	70-130	2.10	25	
Methyl Acetate	6.53	1.0	µg/L	10.00		65.3 *	70-130	0.458	25	L-04, V-05
Methyl tert-Butyl Ether (MTBE)	9.47	1.0	µg/L	10.00		94.7	70-130	1.68	25	
Methyl Cyclohexane	11.1	1.0	µg/L	10.00		111	70-130	2.36	25	
Methylene Chloride	10.6	5.0	µg/L	10.00		106	70-130	1.04	25	
4-Methyl-2-pentanone (MIBK)	93.2	10	µg/L	100.0		93.2	70-160	2.54	25	†
Naphthalene	7.61	2.0	µg/L	10.00		76.1	40-130	5.81	25	V-05 †
n-Propylbenzene	11.5	1.0	µg/L	10.00		115	70-130	0.692	25	
Styrene	11.8	1.0	µg/L	10.00		118	70-130	1.35	25	
1,1,2,2-Tetrachloroethane	11.4	0.50	µg/L	10.00		114	70-130	2.23	25	
Tetrachloroethylene	12.1	1.0	µg/L	10.00		121	70-130	1.50	25	
Toluene	10.4	1.0	µg/L	10.00		104	70-130	3.04	25	
1,2,3-Trichlorobenzene	8.37	5.0	µg/L	10.00		83.7	70-130	6.16	25	
1,2,4-Trichlorobenzene	9.39	1.0	µg/L	10.00		93.9	70-130	0.641	25	
1,1,1-Trichloroethane	10.1	1.0	µg/L	10.00		101	70-130	0.398	25	
1,1,2-Trichloroethane	11.2	1.0	µg/L	10.00		112	70-130	0.357	25	
Trichloroethylene	10.8	1.0	µg/L	10.00		108	70-130	1.74	25	
Trichlorofluoromethane (Freon 11)	12.1	2.0	µg/L	10.00		121	70-130	4.56	25	
1,2,3-Trichloropropane	12.2	2.0	µg/L	10.00		122	70-130	1.16	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.9	1.0	µg/L	10.00		119	70-130	0.507	25	
1,2,4-Trimethylbenzene	10.1	1.0	µg/L	10.00		101	70-130	2.36	25	
1,3,5-Trimethylbenzene	11.7	1.0	µg/L	10.00		117	70-130	2.04	25	
Vinyl Chloride	10.9	2.0	µg/L	10.00		109	40-160	1.48	25	†
m+p Xylene	22.9	2.0	µg/L	20.00		115	70-130	2.24	25	
o-Xylene	11.4	1.0	µg/L	10.00		114	70-130	2.18	25	
Xylenes (total)	34.3	1.0	µg/L	30.00		114	0-200	2.22		
Surrogate: 1,2-Dichloroethane-d4	22.5		µg/L	25.00		90.1	70-130			
Surrogate: Toluene-d8	24.3		µg/L	25.00		97.3	70-130			
Surrogate: 4-Bromofluorobenzene	25.9		µg/L	25.00		103	70-130			

Batch B407475 - SW-846 5030B

Blank (B407475-BLK1)

Prepared: 06/16/25 Analyzed: 06/17/25

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							

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 B407475 - SW-846 5030B										
Blank (B407475-BLK1)										
					Prepared: 06/16/25 Analyzed: 06/17/25					
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							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							
o-Xylene	ND	1.0	µg/L							
Xylenes (total)	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	24.2		µg/L	25.00		96.6	70-130			
Surrogate: Toluene-d8	24.8		µg/L	25.00		99.4	70-130			
Surrogate: 4-Bromofluorobenzene	25.2		µg/L	25.00		101	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 B407475 - SW-846 5030B										
LCS (B407475-BS1)										
					Prepared: 06/16/25 Analyzed: 06/17/25					
Acetone	98.9	50	µg/L	100.0		98.9	70-160			†
Benzene	10.6	1.0	µg/L	10.00		106	70-130			
Bromochloromethane	10.4	1.0	µg/L	10.00		104	70-130			
Bromodichloromethane	11.0	0.50	µg/L	10.00		110	70-130			
Bromoform	10.4	1.0	µg/L	10.00		104	70-130			
Bromomethane	8.52	2.0	µg/L	10.00		85.2	40-160			†
2-Butanone (MEK)	82.0	20	µg/L	100.0		82.0	40-160			†
n-Butylbenzene	11.2	1.0	µg/L	10.00		112	70-130			
sec-Butylbenzene	10.8	1.0	µg/L	10.00		108	70-130			
tert-Butylbenzene	10.8	1.0	µg/L	10.00		108	70-130			
Carbon Disulfide	103	5.0	µg/L	100.0		103	70-130			
Carbon Tetrachloride	11.5	5.0	µg/L	10.00		115	70-130			
Chlorobenzene	12.1	1.0	µg/L	10.00		121	70-130			V-20
Chlorodibromomethane	11.2	0.50	µg/L	10.00		112	70-130			
Chloroethane	9.44	2.0	µg/L	10.00		94.4	70-130			
Chloroform	10.8	2.0	µg/L	10.00		108	70-130			
Chloromethane	9.24	2.0	µg/L	10.00		92.4	40-160			†
Cyclohexane	9.81	5.0	µg/L	10.00		98.1	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	10.2	5.0	µg/L	10.00		102	70-130			
1,2-Dibromoethane (EDB)	11.4	0.50	µg/L	10.00		114	70-130			
1,2-Dichlorobenzene	11.5	1.0	µg/L	10.00		115	70-130			
1,3-Dichlorobenzene	11.5	1.0	µg/L	10.00		115	70-130			
1,4-Dichlorobenzene	11.3	1.0	µg/L	10.00		113	70-130			
Dichlorodifluoromethane (Freon 12)	11.5	2.0	µg/L	10.00		115	40-160			†
1,1-Dichloroethane	10.6	1.0	µg/L	10.00		106	70-130			
1,2-Dichloroethane	10.7	1.0	µg/L	10.00		107	70-130			
1,1-Dichloroethylene	10.6	1.0	µg/L	10.00		106	70-130			
cis-1,2-Dichloroethylene	11.0	1.0	µg/L	10.00		110	70-130			
trans-1,2-Dichloroethylene	10.2	1.0	µg/L	10.00		102	70-130			
1,2-Dichloropropane	10.3	1.0	µg/L	10.00		103	70-130			
cis-1,3-Dichloropropene	10.6	0.50	µg/L	10.00		106	70-130			
trans-1,3-Dichloropropene	10.3	0.50	µg/L	10.00		103	70-130			
Ethylbenzene	11.9	1.0	µg/L	10.00		119	70-130			
2-Hexanone (MBK)	94.0	10	µg/L	100.0		94.0	70-160			†
Isopropylbenzene (Cumene)	11.6	1.0	µg/L	10.00		116	70-130			
p-Isopropyltoluene (p-Cymene)	10.6	1.0	µg/L	10.00		106	70-130			
Methyl Acetate	7.08	1.0	µg/L	10.00		70.8	70-130			V-05
Methyl tert-Butyl Ether (MTBE)	9.85	1.0	µg/L	10.00		98.5	70-130			
Methyl Cyclohexane	10.1	1.0	µg/L	10.00		101	70-130			
Methylene Chloride	10.3	5.0	µg/L	10.00		103	70-130			
4-Methyl-2-pentanone (MIBK)	99.4	10	µg/L	100.0		99.4	70-160			†
Naphthalene	9.99	2.0	µg/L	10.00		99.9	40-130			†
n-Propylbenzene	11.6	1.0	µg/L	10.00		116	70-130			
Styrene	11.4	1.0	µg/L	10.00		114	70-130			
1,1,2,2-Tetrachloroethane	11.5	0.50	µg/L	10.00		115	70-130			
Tetrachloroethylene	10.9	1.0	µg/L	10.00		109	70-130			
Toluene	11.2	1.0	µg/L	10.00		112	70-130			
1,2,3-Trichlorobenzene	10.0	5.0	µg/L	10.00		100	70-130			
1,2,4-Trichlorobenzene	10.0	1.0	µg/L	10.00		100	70-130			
1,1,1-Trichloroethane	11.2	1.0	µg/L	10.00		112	70-130			
1,1,2-Trichloroethane	11.0	1.0	µg/L	10.00		110	70-130			
Trichloroethylene	11.5	1.0	µg/L	10.00		115	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 B407475 - SW-846 5030B										
LCS (B407475-BS1)										
					Prepared: 06/16/25 Analyzed: 06/17/25					
Trichlorofluoromethane (Freon 11)	12.6	2.0	µg/L	10.00		126	70-130			V-20
1,2,3-Trichloropropane	12.0	2.0	µg/L	10.00		120	70-130			V-20
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	10.7	1.0	µg/L	10.00		107	70-130			
1,3,5-Trimethylbenzene	11.7	1.0	µg/L	10.00		117	70-130			
Vinyl Chloride	11.5	2.0	µg/L	10.00		115	40-160			†
m+p Xylene	24.0	2.0	µg/L	20.00		120	70-130			
o-Xylene	12.1	1.0	µg/L	10.00		121	70-130			
Xylenes (total)	36.1	1.0	µg/L	30.00		120	0-200			
Surrogate: 1,2-Dichloroethane-d4	25.0		µg/L	25.00		99.8	70-130			
Surrogate: Toluene-d8	23.1		µg/L	25.00		92.6	70-130			
Surrogate: 4-Bromofluorobenzene	26.2		µg/L	25.00		105	70-130			
LCS Dup (B407475-BSD1)										
					Prepared: 06/16/25 Analyzed: 06/17/25					
Acetone	98.8	50	µg/L	100.0		98.8	70-160	0.142	25	†
Benzene	10.6	1.0	µg/L	10.00		106	70-130	0.00	25	
Bromochloromethane	10.6	1.0	µg/L	10.00		106	70-130	2.38	25	
Bromodichloromethane	11.1	0.50	µg/L	10.00		111	70-130	0.816	25	
Bromoform	9.75	1.0	µg/L	10.00		97.5	70-130	6.74	25	
Bromomethane	9.15	2.0	µg/L	10.00		91.5	40-160	7.13	25	†
2-Butanone (MEK)	90.2	20	µg/L	100.0		90.2	40-160	9.49	25	†
n-Butylbenzene	10.5	1.0	µg/L	10.00		105	70-130	7.28	25	
sec-Butylbenzene	10.1	1.0	µg/L	10.00		101	70-130	6.62	25	
tert-Butylbenzene	10.4	1.0	µg/L	10.00		104	70-130	4.24	25	
Carbon Disulfide	100	5.0	µg/L	100.0		100	70-130	2.87	25	
Carbon Tetrachloride	11.2	5.0	µg/L	10.00		112	70-130	2.46	25	
Chlorobenzene	11.8	1.0	µg/L	10.00		118	70-130	2.34	25	V-20
Chlorodibromomethane	11.6	0.50	µg/L	10.00		116	70-130	3.33	25	
Chloroethane	9.30	2.0	µg/L	10.00		93.0	70-130	1.49	25	
Chloroform	10.8	2.0	µg/L	10.00		108	70-130	0.462	25	
Chloromethane	8.90	2.0	µg/L	10.00		89.0	40-160	3.75	25	†
Cyclohexane	9.48	5.0	µg/L	10.00		94.8	70-130	3.42	25	
1,2-Dibromo-3-chloropropane (DBCP)	9.59	5.0	µg/L	10.00		95.9	70-130	6.36	25	
1,2-Dibromoethane (EDB)	11.4	0.50	µg/L	10.00		114	70-130	0.527	25	
1,2-Dichlorobenzene	11.7	1.0	µg/L	10.00		117	70-130	1.38	25	
1,3-Dichlorobenzene	10.9	1.0	µg/L	10.00		109	70-130	4.92	25	
1,4-Dichlorobenzene	11.2	1.0	µg/L	10.00		112	70-130	0.888	25	
Dichlorodifluoromethane (Freon 12)	10.4	2.0	µg/L	10.00		104	40-160	10.0	25	†
1,1-Dichloroethane	10.6	1.0	µg/L	10.00		106	70-130	0.567	25	
1,2-Dichloroethane	10.9	1.0	µg/L	10.00		109	70-130	1.94	25	
1,1-Dichloroethylene	10.5	1.0	µg/L	10.00		105	70-130	0.190	25	
cis-1,2-Dichloroethylene	10.8	1.0	µg/L	10.00		108	70-130	1.19	25	
trans-1,2-Dichloroethylene	10.5	1.0	µg/L	10.00		105	70-130	2.41	25	
1,2-Dichloropropane	10.8	1.0	µg/L	10.00		108	70-130	4.55	25	
cis-1,3-Dichloropropene	11.0	0.50	µg/L	10.00		110	70-130	4.18	25	
trans-1,3-Dichloropropene	10.9	0.50	µg/L	10.00		109	70-130	5.37	25	
Ethylbenzene	11.5	1.0	µg/L	10.00		115	70-130	3.67	25	
2-Hexanone (MBK)	95.7	10	µg/L	100.0		95.7	70-160	1.74	25	†
Isopropylbenzene (Cumene)	10.9	1.0	µg/L	10.00		109	70-130	6.49	25	
p-Isopropyltoluene (p-Cymene)	10.3	1.0	µg/L	10.00		103	70-130	2.68	25	
Methyl Acetate	7.23	1.0	µg/L	10.00		72.3	70-130	2.10	25	V-05
Methyl tert-Butyl Ether (MTBE)	10.1	1.0	µg/L	10.00		101	70-130	2.70	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 B407475 - SW-846 5030B										
LCS Dup (B407475-BSD1)										
					Prepared: 06/16/25 Analyzed: 06/17/25					
Methyl Cyclohexane	10.3	1.0	µg/L	10.00		103	70-130	2.45	25	
Methylene Chloride	10.4	5.0	µg/L	10.00		104	70-130	0.677	25	
4-Methyl-2-pentanone (MIBK)	102	10	µg/L	100.0		102	70-160	2.59	25	†
Naphthalene	9.47	2.0	µg/L	10.00		94.7	40-130	5.34	25	†
n-Propylbenzene	11.2	1.0	µg/L	10.00		112	70-130	3.69	25	
Styrene	11.1	1.0	µg/L	10.00		111	70-130	3.12	25	
1,1,2,2-Tetrachloroethane	11.0	0.50	µg/L	10.00		110	70-130	4.08	25	
Tetrachloroethylene	10.8	1.0	µg/L	10.00		108	70-130	0.832	25	
Toluene	11.6	1.0	µg/L	10.00		116	70-130	3.85	25	
1,2,3-Trichlorobenzene	9.39	5.0	µg/L	10.00		93.9	70-130	6.69	25	
1,2,4-Trichlorobenzene	9.89	1.0	µg/L	10.00		98.9	70-130	1.21	25	
1,1,1-Trichloroethane	10.8	1.0	µg/L	10.00		108	70-130	3.45	25	
1,1,2-Trichloroethane	11.9	1.0	µg/L	10.00		119	70-130	7.50	25	
Trichloroethylene	11.8	1.0	µg/L	10.00		118	70-130	2.50	25	
Trichlorofluoromethane (Freon 11)	12.1	2.0	µg/L	10.00		121	70-130	4.53	25	V-20
1,2,3-Trichloropropane	11.7	2.0	µg/L	10.00		117	70-130	2.28	25	V-20
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1	1.0	µg/L	10.00		101	70-130	4.54	25	
1,2,4-Trimethylbenzene	10.6	1.0	µg/L	10.00		106	70-130	0.655	25	
1,3,5-Trimethylbenzene	10.8	1.0	µg/L	10.00		108	70-130	7.92	25	
Vinyl Chloride	11.3	2.0	µg/L	10.00		113	40-160	2.01	25	†
m+p Xylene	22.5	2.0	µg/L	20.00		113	70-130	6.44	25	
o-Xylene	11.7	1.0	µg/L	10.00		117	70-130	3.37	25	
Xylenes (total)	34.2	1.0	µg/L	30.00		114	0-200	5.40		
Surrogate: 1,2-Dichloroethane-d4	24.3		µg/L	25.00		97.2	70-130			
Surrogate: Toluene-d8	25.0		µg/L	25.00		100	70-130			
Surrogate: 4-Bromofluorobenzene	25.4		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.
L-04	Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.
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>SW-846 8260D in Water</i>	
Acetone	CT,ME,NH,VA,NY,NJ
Benzene	CT,ME,NH,VA,NY,NJ
Bromochloromethane	ME,NH,VA,NY,NJ
Bromodichloromethane	CT,ME,NH,VA,NY,NJ
Bromoform	CT,ME,NH,VA,NY,NJ
Bromomethane	CT,ME,NH,VA,NY,NJ
2-Butanone (MEK)	CT,ME,NH,VA,NY,NJ
n-Butylbenzene	ME,VA,NY,NJ
sec-Butylbenzene	ME,VA,NY,NJ
tert-Butylbenzene	ME,VA,NY,NJ
Carbon Disulfide	CT,ME,NH,VA,NY,NJ
Carbon Tetrachloride	CT,ME,NH,VA,NY,NJ
Chlorobenzene	CT,ME,NH,VA,NY,NJ
Chlorodibromomethane	CT,ME,NH,VA,NY,NJ
Chloroethane	CT,ME,NH,VA,NY,NJ
Chloroform	CT,ME,NH,VA,NY,NJ
Chloromethane	CT,ME,NH,VA,NY,NJ
Cyclohexane	ME,NY,NJ
1,2-Dibromo-3-chloropropane (DBCP)	ME,NY,NJ
1,2-Dibromoethane (EDB)	ME,NY,NJ
1,2-Dichlorobenzene	CT,ME,NH,VA,NY,NJ
1,3-Dichlorobenzene	CT,ME,NH,VA,NY,NJ
1,4-Dichlorobenzene	CT,ME,NH,VA,NY,NJ
Dichlorodifluoromethane (Freon 12)	ME,NH,VA,NY,NJ
1,1-Dichloroethane	CT,ME,NH,VA,NY,NJ
1,2-Dichloroethane	CT,ME,NH,VA,NY,NJ
1,1-Dichloroethylene	CT,ME,NH,VA,NY,NJ
cis-1,2-Dichloroethylene	ME,NY,NJ
trans-1,2-Dichloroethylene	CT,ME,NH,VA,NY,NJ
1,2-Dichloropropane	CT,ME,NH,VA,NY,NJ
cis-1,3-Dichloropropene	CT,ME,NH,VA,NY,NJ
trans-1,3-Dichloropropene	CT,ME,NH,VA,NY,NJ
Ethylbenzene	CT,ME,NH,VA,NY,NJ
2-Hexanone (MBK)	CT,ME,NH,VA,NY,NJ
Isopropylbenzene (Cumene)	ME,VA,NY,NJ
p-Isopropyltoluene (p-Cymene)	CT,ME,NH,VA,NY,NJ
Methyl Acetate	ME,NY,NJ
Methyl tert-Butyl Ether (MTBE)	CT,ME,NH,VA,NY,NJ
Methyl Cyclohexane	NY,NJ
Methylene Chloride	CT,ME,NH,VA,NY,NJ
4-Methyl-2-pentanone (MIBK)	CT,ME,NH,VA,NY,NJ
Naphthalene	ME,NH,VA,NY,NJ
n-Propylbenzene	CT,ME,NH,VA,NY,NJ
Styrene	CT,ME,NH,VA,NY,NJ
1,1,2,2-Tetrachloroethane	CT,ME,NH,VA,NY,NJ
Tetrachloroethylene	CT,ME,NH,VA,NY,NJ
Toluene	CT,ME,NH,VA,NY,NJ

CERTIFICATIONS

Certified Analyses included in this Report

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

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

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

ATTACHMENT D
FIELD DOCUMENTATION

PFAS Pre-Sampling Checklist

Site Name: Claremont Polychemical

Task: Q2 Low Flow Sampling

Weather (temp/precip): 75 F, Sunny

Date: 06.03.2025

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
- Bottlere 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.

Rebecca Britt

15:00

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®.

PFAS Pre-Sampling Checklist

Site Name: Claremont Polychemical

Task: Q2 Low Flow Sampling

Weather (temp/precip): 70 F, Sunny

Date: 06.04.2025

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
- Bottlere 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.

Rebecca Britt

7:00

Field Team Leader Name and Signature

Time

Field clothing and PPE to be **avoided** include:

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- 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:

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- 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+
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- 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®.

PFAS Pre-Sampling Checklist

Site Name: Claremont Polychemical

Task: Q2 Low Flow Sampling

Weather (temp/precip): 70 F, Sunny

Date: 06.05.2025

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
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Rebecca Britt

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 - RUCO-PROTECT®
 - RUCOSTAR®

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- Coppertone Sunscreen Stick Kids SPF 55
- Herbal Armor
- Jason Natural Quit Bugging Me
- Jason Natural Sun Block
- Kiss My Face
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