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2023 FIRST QUARTER GROUNDWATER MONITORING REPORT CLAREMONT POLYCHEMICAL CORPORATION SITE

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2023 FIRST QUARTER GROUNDWATER MONITORING REPORT
CLAREMONT POLYCHEMICAL CORPORATION SITE

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1. INTRODUCTION

This quarterly groundwater monitoring report, prepared by Ramboll Americas Engineering Solutions, Inc. (Ramboll), presents groundwater sampling analytical results for the first quarter of 2023 (January through March) 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 watersamples 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.

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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 (becauseof 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- dichloroethene (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.

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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 disposalof 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 pant 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

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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-siteplume instead of constructing a new treatment facility. At that time the Town of Oyster Bayowned 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.

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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**). Thefive 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/dayor 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

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

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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 SystemDescription

The OU-5 GWE&T system was originally designed to capture and treat organic contaminants associated with the contaminated groundwater plume identified because ofthe disposal of hazardous substances at the Old Bethpage Landfill site (NYDEC 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 ofScreen (ft bgs)	Bottom ofScreen (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. Thesewells 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 insubstantial system downtime and, thus, decreased average flow rates for influent (539 gpm, or 775,450 gpd) and

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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 sits 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.

On December 31, 2019 RW-4 tripped offline and diagnostic efforts confirmed the motor and pump needed replacement. The pump and motor for RW-4 were replaced April 7, 2020, and RW-4 was again fully functional. During the 2020 reporting year there were no upgrades or significant maintenance items at the facility, following the RW-4 pump replacement.

On March 12, 2022, the treatment system experienced problems with RW-5 that, following attempts to reset the system, remained nonfunctional. Inspections on March 28, 2022, revealed one of the motor wires was snapped and the pump would require replacement. Similarly, on August 17th, 2022, RW-4 shut down and was unable to be restarted. RW-4 has remained nonfunctional since pump failure and will be returned to operation following pump removal and replacement. The pump on RW-5 was activated on January 5, 2023 and shut down on January 26, 2023 due to electrical short issues at the pump motor. The RW-5 motor short circuiting was confirmed on March 13, 2023 during pump extraction and inspection activities, and a new pressure switch was installed on March 23, 2023. However, RW-5 still remains inoperable.

Refer to the Monthly O&M reports for January through March 2023 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 first quarter of 2023 were 436 gpm in January, 240 gpm in February, and 252 gpm in March.

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 totalized.

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

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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.

The effluent is directed into a receiving wet-well, where another triplex pump arrangement delivers it 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 2.78 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 ofapproximately one million gpd. Daily flow readings are provided in the O&M reports submitted monthly to NYSDEC (refer to the March 2023 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	January Total Flow (gallons)	February Total Flow (gallons)	March Total Flow (gallons)
RW-1*	600*	600*	745*
RW-2*	0	0	1,045*
RW-3	9,314,00	10,186,000	10,844,000

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Location	January Total Flow (gallons)	February Total Flow (gallons)	March Total Flow (gallons)
RW-4	0	0	0
RW-5	7,365,000	0	0
Total Influent	17,180,000	9,806,000	10,413,000
Total Effluent	18,094,000	9,465,000	10,282,000

*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 first quarter of 2023, the system processed approximately 38 million gallons with the following average daily flow rates:

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

Month (2023)	Average Daily Flow (gallons per day)
January	623,931
February	338,036
March	342,733
Quarterly Average	434,900

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 602.51 kilograms (1,328.31 pounds) of TCE, 74.69 kilograms (164.66 pounds)of PCE, and 11.28 kilograms (24.87 pounds) of 1,1-DCE have been removed by the OU-5 system (as of the 2023 first quarter process sampling event which was performed in March 2023).

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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 2023 (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	15.52
	Q2	Offline	36.39
	Q3	Offline	3.71
	Q4	Offline	4.04
2023	Q1	Offline	5.75
Cumulative Total		947*	676.31

*Cumulative totals presented for OU-4 are from 2002 through 2016.

**Cumulative totals presented for OU-5 are from October 1st, 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 Kjehldahl 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 first quarter of 2023. In addition, the effluent concentrations of detected parameters, were under permissible levels: barium (55 µg/L), manganese (190 µg/L), mercury (0.24 µg/L), zinc (23 µg/L), total nitrogen (8.4 mg/L), total dissolved solids (260 mg/L), chloride ion (130 mg/L), and sulfate ion (24 mg/L) during the first quarter of 2023 when sampled in March 2023. 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.

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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

	January	February	March
Average Effluent pH (su)	7.24	7.36	7.56

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-approvedlaboratory (#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 Per- and polyfluoroalkyl substances (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 537 (modified) in January 2023. Beginning in February 2023, PFAS samples were analyzed (and will continue to be 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* (November 2022).

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Detected concentrations for compounds that exceeded their respective evaluation criteria or standards for the first quarter of 2023 are shown in the summary table below. The sum of PFOA and PFOS as well as the total PFAS are provided for informational purposes. **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 are those that were used to evaluate the results at the time the sampling was performed and may not represent current standards, guidance values, or other evaluation criteria.

Table 7– 1Q2023 Process Water EC Exceedances

EC Exceedances		1,4-D	PFOS	PFOA	PFOA+PFOS
Criteria:		1[(a)]	10[(b)]	10[(b)]	10[(c)]
Reporting Unit:		(µg/L)	(ng/L)		
Influent	**January 2023**	**32**	**19**	**46**	**65**
	February 2023	**32**	**16**	**46**	**62**
	March 2023	**39**	**16**	**47**	**63**
Effluent (PD-009)	**January 2023**	**30**	**17**	**37**	**54**
	February 2023	**31**	**17**	**47**	**64**
	March 2023	**41**	**17**	**47**	**64**

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

a) For 1,4-dioxane: New York State Department of Health Drinking Water Program Part 5, Subpart 5-1, Section 5-1.52 Maximum Contaminant Level (MCL) for 1,4-dioxane adopted on August 26th, 2020

b) For PFAS compounds: *NYSDEC Sampling, Analysis, and Assessment of Per- and Polyfluoralkyl Substances (PFAS) Under NYSDEC's Part 375 Remediation Programs* (November 2022).

c) New York State Department of Health Drinking Water Program Part 5, Subpart 5-1, Section 5-1.52 Maximum Contaminant Level (MCL) for PFOA+PFOS adopted on August 26th, 2020.

Abbreviations: 1,4-D – 1,4-Dioxane; PFOS – Perfluorooctanesulfonic acid; PFOA – Perfluorooctanoic acid; PFOA+PFOS – sum of PFOA and PFOS; Total PFAS – sum of all detected Per- and polyfluoroalkyl substances (a total of 21 substances, not all of which are listed above); NS – not sampled; ND – not detected; J – estimated value; µg/L – micrograms per liter, ng/L – nanograms per liter.

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4. GROUNDWATER MONITORING PROGRAM

A network of 55 monitoring wells is used to monitor groundwater quality and effectivenessof 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 65 wells collected by Ramboll are combined with data provided by Nassau County. Measurements collected by Ramboll are provided in **Attachment A**. The synoptic groundwater level measurement for this quarter was performed on March 1, 2023. It should be noted that wells BP-11, EW-2B, EW-2C, and ORW-1 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 62.59 feet (vertical datum NAVD88) as measured by Ramboll. Depths to groundwater (DTW) in March 2023 ranged from 21.31 feet (well MW-CPC-41) to 103.46 feet (well EW-11D) below ground surface (bgs) (see **Attachment A**). Potentiometric surface elevations at each well were calculated for each well by subtracting the DTW from the top of casing elevation. Groundwater elevations, grouping wells by the aquifer unit they are screened in, were used to develop and interpret potentiometric contours of the in the upper (water table), middle, and lower Magothy aquifers.

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Groundwater flow direction is predominantly south-southeast at the water table (**Figure 3**), middle Magothy (**Figure 4**), and in the lower Magothy (**Figure 5**). The potentiometric surface contours in the middle Magothy depict minor pumping influence near and immediately down gradient from the OU5 recovery wells, RW-2 through RW-4. 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 February 28 and March 7, 2023. Ramboll sampled 48 of the 49 CPC monitoring network wells. No sample was collected at MW-6A due to insufficient water.

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

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

A total of 60 samples (including three field duplicates, two trip blanks, and one equipment blank) were collected and submitted to Pace Analytical, of East Longmeadow, MA, an NYSDOH-ELAP approved laboratory. With exception to the equipment blank, each sample was analyzed for VOCs via USEPA Method 8260. Of the aforementioned samples, eight samples (including one field duplicate 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

First quarter 2023 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*

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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 in 40 field samples (including the field duplicate) collected from PDBs. Detected concentrations of acetone exceeded the NYSDEC TOGS 1.1.1. guidance value of 50 µg/L in 40 groundwater samples (BP-3A, BP-3B, BP-3C, BP-5B, BP-5C, BP-12B, BP-13B, BP-13C, DW-1, DW-2 [primary and duplicate sample], EW-1A, EW-1B, EW-1C, EW-2A, EW-2D, EW-4A, EW-4B, EW-4C, EW-4D, EW-5, EW-7C, EW-7D, EW-14D, LF-1, M-30B-R, MW-5B, MW-6B, MW-6D [primary and duplicate sample], MW-6E, MW-6F, MW-7B-R, MW-8A, MW-8B, MW-8C, MW-9B, MW-10D, MW-11A, and SW-1). Acetone was not detected in any of the MW-CPC monitoring wells. Although acetone is a common laboratory contaminant, its continued detection in the quarterly samples indicates that it may be present in the groundwater rather than a laboratory contaminant.

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	**7.4**	< 1 U	**8.0**	< 2 U	< 1 U	1.9	< 1 U
BP-3C	**22**	2.4	**13**	< 2 U	< 1 U	2.5	< 1 U
BP-5C	< 1 U	1.2	< 1 U	< 2 U	< 1 U	5.0	< 1 U
DW-1	**9.0**	1.1	**13**	< 2 U	< 1 U	< 1 U	< 1 U
EW-04A	**35**	4.8	**70**	< 2 U	< 1 U	< 1 U	< 1 U
EW-04C	3.0	**25**	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U
EW-07C	**18 D**	**300 D**	4.2 D	< 8 U	< 4 U	< 4 U	< 4 U
EW-11D	**60 D**	**210 D**	**7.4 D**	< 4 U	< 2 U	3.2 D	< 2 U
EW-12D	**14 D**	**340 D**	**7.1 D**	< 8 U	< 4 U	< 4 U	< 4 U
EW-14D	< 1 U	**27**	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U
MW-08A	**7.3**	< 1 U	1.7	< 2 U	< 1 U	< 1 U	< 1 U
MW-10D	4.7 D	**130 D**	**6.6 D**	< 4 U	< 2 U	2.2 D	< 2 U
MW-11A	3.5	4.3	**53**	< 2 U	< 1 U	**5.3**	< 1 U
MW-11B	3.4	**6.1**	**41**	**4.5**	< 1 U	**23**	**1.7**
MW-7B-R	1.1	**37**	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U
MW-CPC-36	**20**	**5.9**	**49**	< 2 U	**1.8**	< 1 U	**19**
MW-CPC-40	< 1 U	2.3	< 1 U	< 2 U	< 1 U	**6.6**	< 1 U
MW-CPC-41	**6.4**	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U
SW-1	**110**	**20**	**24**	< 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 A** 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-

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dichloroethane, 1,1-DCA – 1,1-dichloroethane; 1,4-DCB – 1,4-dichlorobenzene. Parent/duplicate results displayed for MW-CPC-36.

4.3.2 Groundwater Emerging Contaminant Results

In the first quarter of 2023, 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 results is the New York State Department of Health Drinking Water Program Maximum Contaminant Level (MCL) of 1 µg/L, which became effective on August 26th, 2020.

Per- and polyfluoroalkyl substances (PFAS) results were evaluated against *NYSDEC Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remediation Programs* dated November 2022. The compounds perfluorooctanesulfonic acid (PFOS) and perfluorooctanoic acid (PFOA) individually have criteria of 10 ng/L (nanograms per liter) while all other PFAS compounds have the criterionof 100 ng/L. The criteria for total PFAS (including PFOS and PFOA) is 500 ng/L. The sumof PFOS and PFOA was compared to the New York State Department of Health DrinkingWater Program Maximum Contaminant Level (MCL) of 10 ng/L, which became effective on August 26th, 2020.

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	PFOA+PFOS
Criteria:	1 (a)	10 (b)	10 (b)	10 (c)
Reporting Unit:	(µg/L)	(ng/L)		
MW-CPC-36	**9.5**	**140**	**120**	**260**
MW-CPC-37	**29**	8.3	**33**	**41.3**
MW-CPC-40	**2.4**	<3.9	<3.9	<3.9
MW-CPC-41	**3.7**	**22**	**29**	**51**

No detected concentrations of the compounds presented above exceeded their respective criteria in the samples from MW-CPC-38 and MW-CPC-39. Bold and underlined results indicate exceedance of the criteria indicated as follows:

a) New York State Department of Health Drinking Water Program Part 5, Subpart 5-1, Section 5-1.52 Maximum Contaminant Level (MCL) for 1,4-dioxane adopted on August 26th, 2020.
b) For PFAS compounds: *NYSDEC Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remediation Programs* (November, 2022).
c) New York State Department of Health Drinking Water Program Part 5, Subpart 5-1, Section 5-1.52 Maximum Contaminant Level (MCL) for PFOA+PFOS adopted on August 26th, 2020.

Abbreviations: 1,4-D – 1,4-Dioxane; PFNA – Perfluorononanoic acid; PFOS – Perfluorooctanesulfonic acid; PFOA – Perfluorooctanoic acid; PFOA+PFOS – sum of PFOA and PFOS; Total PFAS – sum of all detected Per- and polyfluoroalkyl substances (a total of 21 substances, not all of which are listed above); ND – not

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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 110 µg/L observed in the first quarter of 2023 (**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-4A, 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 generally trending downward since the OU-4 plant was shut down (**Figure 27**). An upward trend of TCE concentrations in EW-12D has been observed since the plant shutdown (**Figure 20**). A slight upward trend at of TCE at EW-7C is also observed since the third quarter in 2020 (**Figure 17**).

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The selected remedy for FAL (OU-1) and off-site (OU-2) outlined in the March 2019 ROD includes enhanced bioremediation, vapor mitigation, and various intuitional controls.

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. The concentration of TCE decreased in the first quarter in 2023 to 27 µg/L from 29 µg/L in the fourth quarter of 2022. 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.

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	Decreasing	Decreasing	Figure 11

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Well	Screen Depth[1]	Location	PCE Trend	TCE Trend	Figure
EW-5	165-175	South-southeast of CPC	Slightly 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 increasing	Figure 14
EW-4C	145-155	East of CPC	Slightly decreasing	Decreasing	Figure 15
EW-4D	285-295	East of CPC	Decreasing	Decreasing	Figure 16
EW-7C	189-199	Upgradient, North of CPC	Slightly decreasing	Slightly decreasing	Figure 17
EW-7D	273-283	Upgradient, North of CPC	Decreasing	Decreasing	Figure 18
MW-10D	346-351	Southeast of CPC	Decreasing	Increasing	Figure 19
EW-12D	209-219	East of CPC	Increasing	Increasing	Figure 20
EW-14D	185-195	Southeast of CPC	Decreasing	Decreasing	Figure 21
BP-3A	54-74	South-southeast of CPC	Decreasing	Decreasing	Figure 22
BP-3B	215-235	South-southeast of CPC	Slightly decreasing	Slightly decreasing	Figure 23
BP-3C	280-300	South-southeast of CPC	Slightly increasing	Decreasing	Figure 24
MW-11A	140-145	South-southeast of CPC	Increasing	Increasing	Figure 25
MW-11B	240-245	South-southeast of CPC	Slightly increasing	Increasing	Figure 26
MW-7B-R	230-235	South-southeast of CPC	Decreasing	Decreasing	Figure 27
Extraction Wells and OU5 Plant Influent					

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Well	Screen Depth(1)	Location	PCE Trend	TCE Trend	Figure
RW-3	163-255	Extraction well south-southeast of CPC	Decreasing	Slightly decreasing	Figure 28
RW-4	147-250	Extraction well south-southeast of CPC	Decreasing(2)	Decreasing(2)	Figure 29
RW-5	153-263	Extraction well south-southeast of CPC	Decreasing(3)	Decreasing(3)	Figure 30
OU5 Plant Influent	NA	Plant influent	Slightly decreasing	Increasing	Figure 31

(1) Screen depths given in feet below ground surface.
(2) Due to pump being inoperable during the first quarter of 2023 sampling, no sample was collected. Displayed trend was last updated as part of sampling conducted during the second quarter 2022.
(3) Due to pumps being inoperable during the second and third quarter 2022 sampling, no sample was collected. Displayed trend was updated during the fourth quarter 2022 and first quarter of 2023.

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.

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5. CONCLUSIONS AND RECOMMENDATIONS

5.1 Conclusions

The first quarter of 2023 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 recently completed 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 capturedby 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 increased from the third quarter of 2021 through the first quarter of 2023 (see **Figure 31**). However, due to the pump issue associated with recovery wells RW-4 and RW-5, influent concentrations decreased in the third quarter of 2022 (TCE and PCE concentrations at RW-4 are, in general, an order of magnitude higher than concentrations observed at both RW-3 and RW-5) with a slight increase observed during the first quarter of 2023.
- A total of 5.75 kilograms (12.68 pounds) of PCE, TCE, and 1,1-DCE combined were removed during the first quarter 2023 via operation of the OU-5 GWE&T system. This removal rate is significantly lower than removal rates observed during the second quarter 2020 through the second quarter 2022. This low removal rate is attributed to the pump issue associated with recovery wells RW-4 and RW-5 (as discussed in the previous bullet). 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 first quarter 2023 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-DCA, 1,2-DCA, acetone, and benzene.
- BP-3C: Based on an evaluation of the current OU-5 recovery well network conducted by HDR, it is not capable of capturing groundwater contamination around the BP-3 series of wells as indicated by the continued fluctuation of PCE concentrations. HDR concluded 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 aided by the vertical anisotropy created by the presence of clay beds within the formation.
- EW-12D: TCE and PCE concentrations have fluctuated significantly since 2018 with an upward trend throughout 2020 and into the first quarter of 2023 (see **Figure 20**).
- 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. The TCE concentration in the first

Confidential

quarter of 2023 was approximately one order of magnitude lower than its post OU-4 shutdown peak (see **Figure 27**). This reduction is likely due to the OU-5 recovery wells intercepting the contaminant mass, given the well's position downgradient of the OU-5 recovery wells.

- The direction of groundwater flow at the site remains predominately south-southeast with no regionally significant changes observed in flow direction during operation of the OU-4 GWE&T system or since operation ceased.
- The results from the first quarter of 2023 groundwater sampling event show 1,4- Dioxane was detected above the NYSDOH Maximum Contaminant Level of 1 µg/L at four of the downgradient MW-CPC series monitoring wells: MW-CPC-36, MW-CPC- 37, 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.
- PFNA, 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. Total PFAS results remain highest in MW-CPC-36.
- Resumption of emerging contaminant samples in plant influent and effluent on a monthly basis began in August 2022. Exceedances of 1,4-dioxane, PFOS, and PFOA were reported in influent and effluent samples in the first quarter. Reported detections of 1,4-dioxane, PFOS, and PFOA in the first quarter 2023 were above results associated with emerging contaminant sampling conducted in December 2020 (see **Figures 7** and **8**).

5.2 Recommendations

- Return the pump in RW-4 and RW-5 to continuous operational status.
- Recondition recovery wells RW-3, RW-4, and RW-5 to improve performance and well efficiency which may improve contaminant mass removal.
- 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.
- The GWE&T system should be upgraded or replaced in order to treat 1,4-dioxane and PFAS compounds found to be present above New York State's applicable standards.

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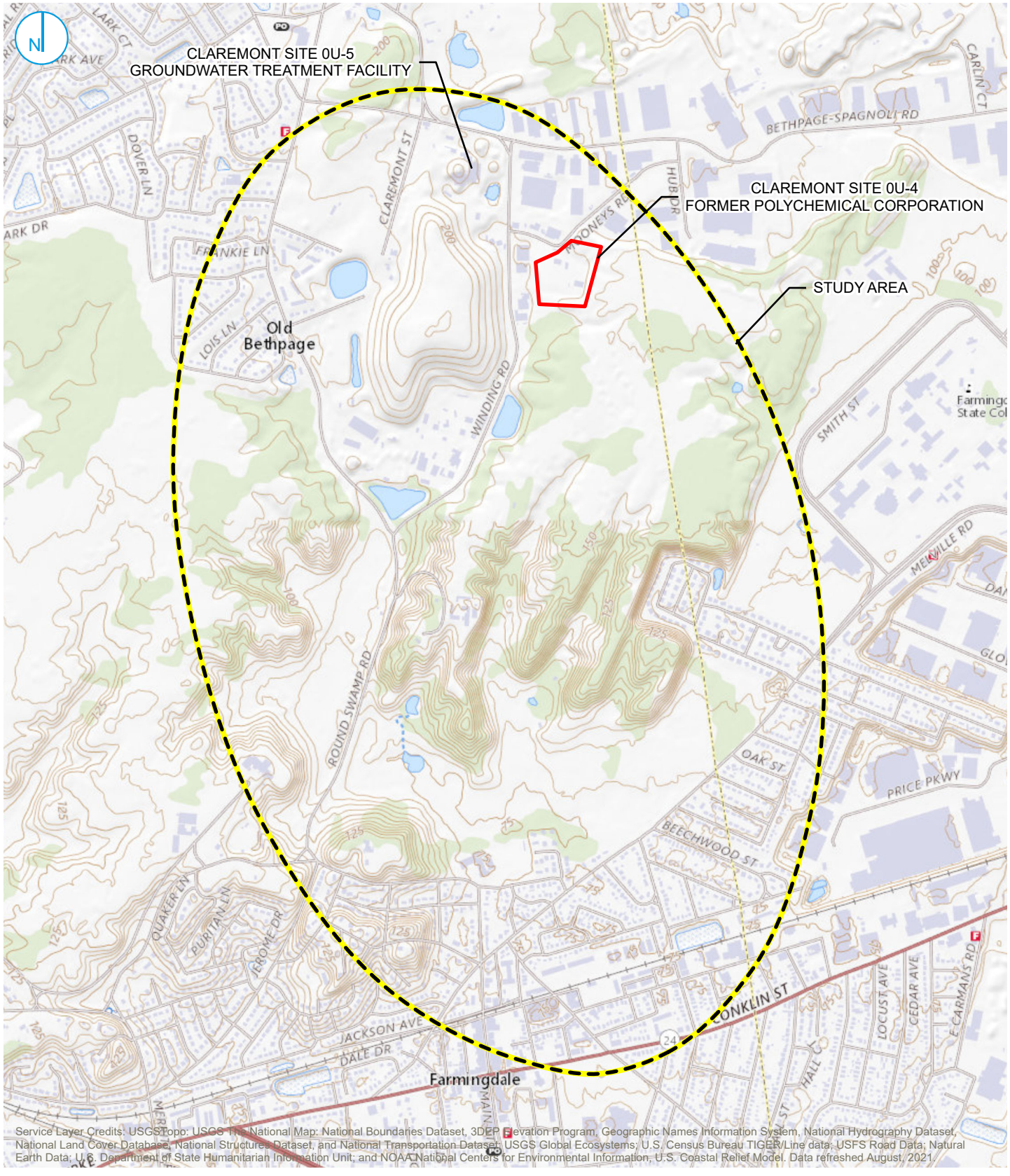
FIGURES



K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical\Claremont_Polychemical.aprx\Claremont_Site_Location

PROJECT: 169000194010703 | DATED: 4/26/2022 | DESIGNER: SSOULE

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

KEY MAP (not to scale)

0 1,000 2,000 Feet

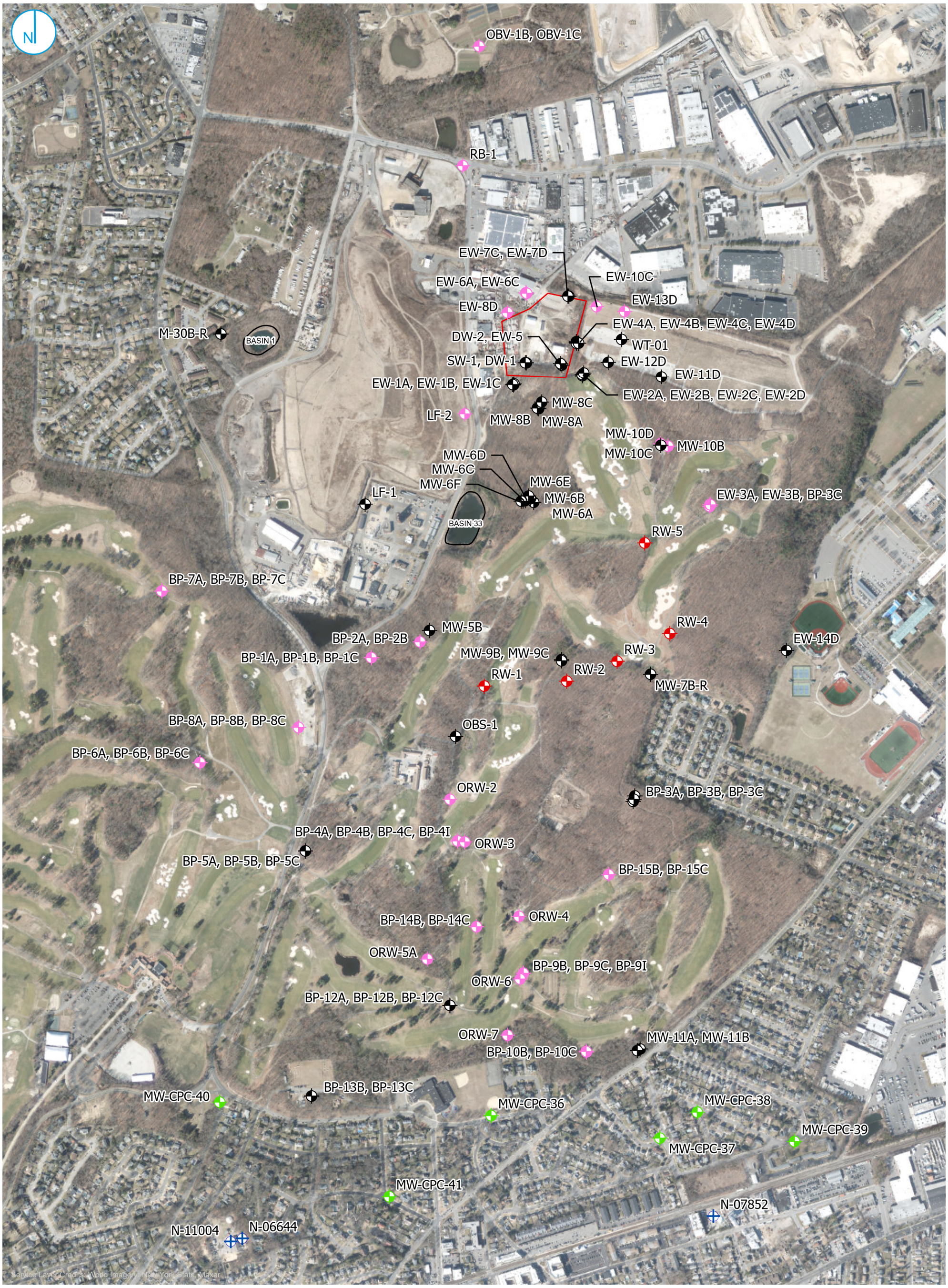
SITE LOCATION

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

FIGURE 01

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL



MONITORING WELL
- GAUGED ONLY
- GAUGED AND SAMPLED

- SENTINEL WELL GAUGED AND SAMPLED
- RECOVERY WELL
- MUNICIPAL WELL

- RECHARGE BASIN
- SITE BOUNDARY

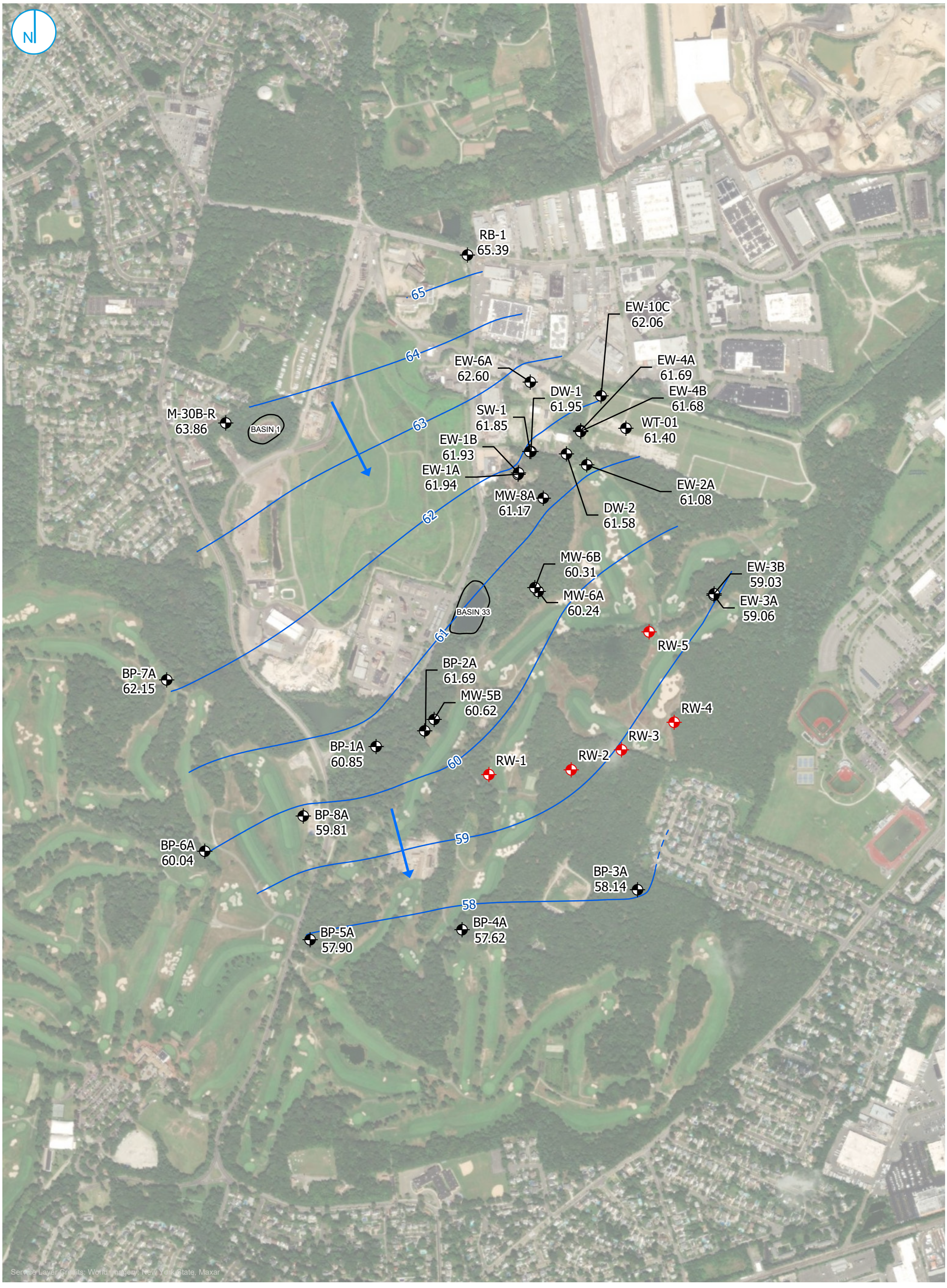
0 400 800 Feet

WELLS SAMPLED

FIGURE 02

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY



MONITORING WELL
RECOVERY WELL
POTENTIOMETRIC CONTOUR
INFERRED POTENTIOMETRIC CONTOUR
GROUNDWATER FLOW DIRECTION
RECHARGE BASIN

0 400 800 Feet

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

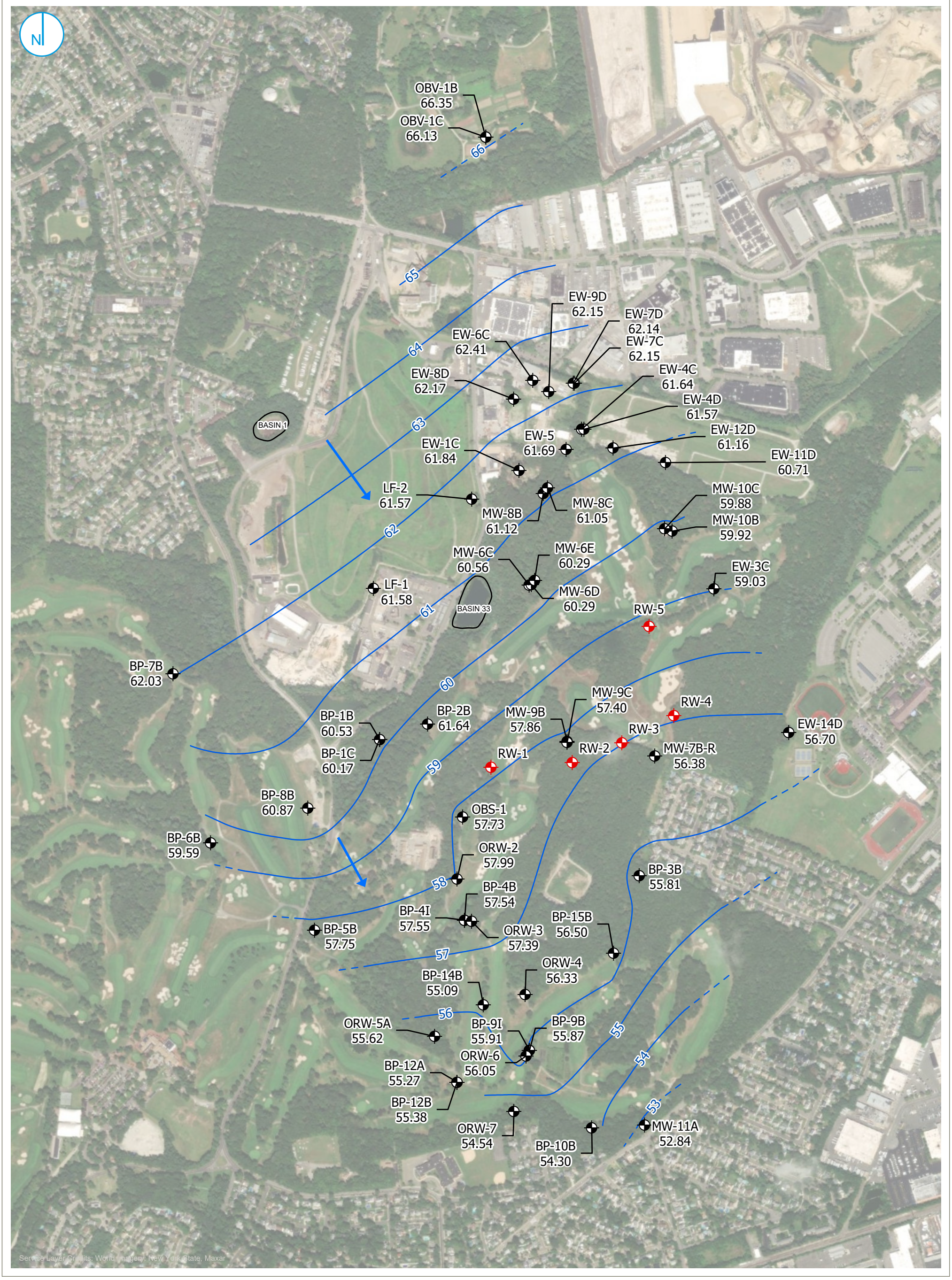
MARCH 2023
POTENTIOMETRIC CONTOURS
UPPER MAGOTHY

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

FIGURE 03

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL



MONITORING WELL
RECOVERY WELL
POTENTIOMETRIC CONTOUR
INFERRED POTENTIOMETRIC CONTOUR
GROUNDWATER FLOW DIRECTION
RECHARGE BASIN

0 400 800 Feet

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

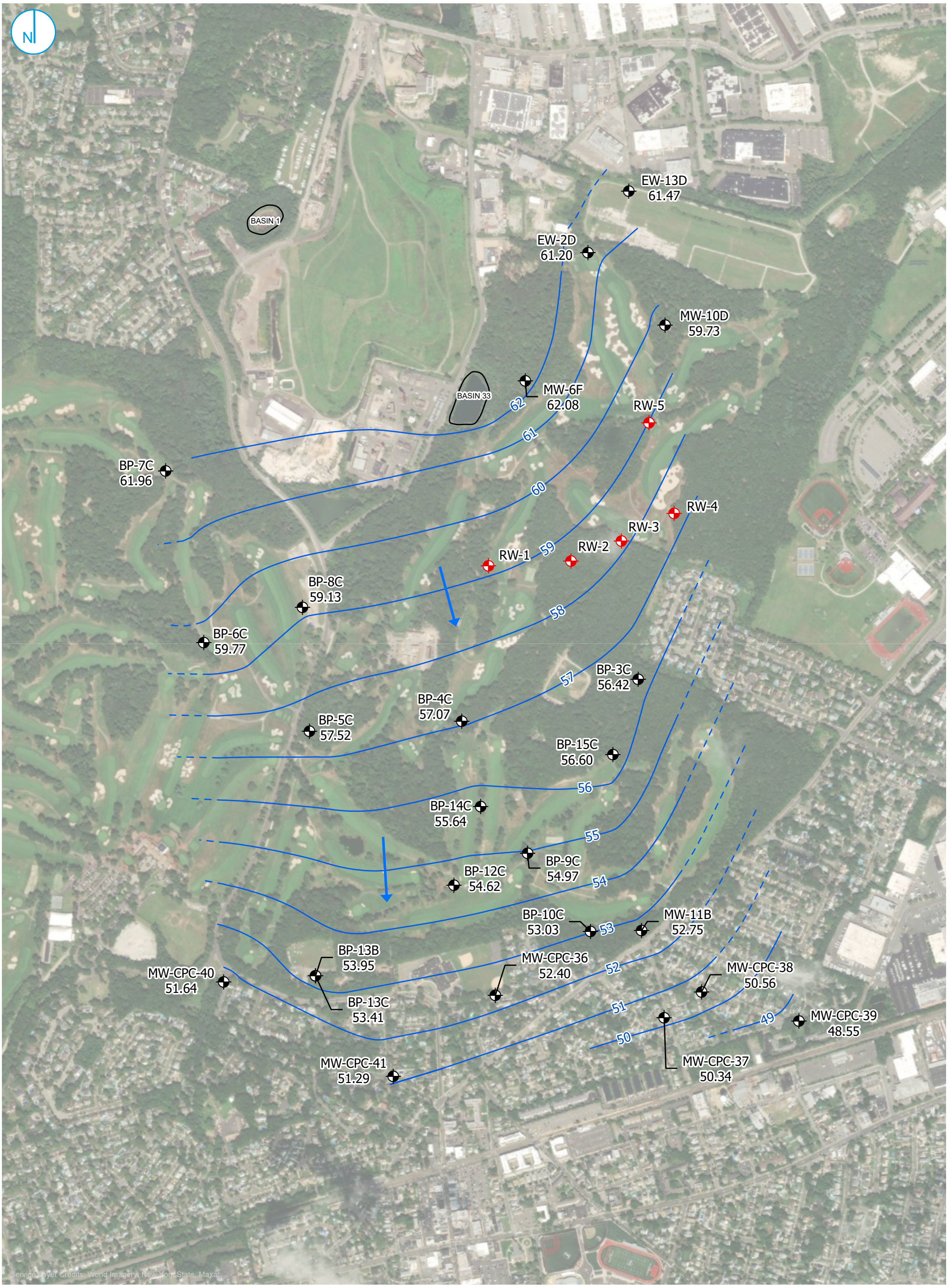
MARCH 2023
POTENTIOMETRIC CONTOURS
MIDDLE MAGOTHY

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

FIGURE 04

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL



MONITORING WELL
RECOVERY WELL
POTENTIOMETRIC CONTOUR
INFERRED POTENTIOMETRIC CONTOUR
GROUNDWATER FLOW DIRECTION
RECHARGE BASIN

0 400 800 Feet

Notes
- All elevations recorded in feet in NAVD 88.

MARCH 2023
POTENTIOMETRIC CONTOURS
LOWER MAGOTHY

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

FIGURE 05

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_1Q2023\Claremont_Polychemical_1Q2023.aprx\Fig06-Chlorinated_VOC_Effluent
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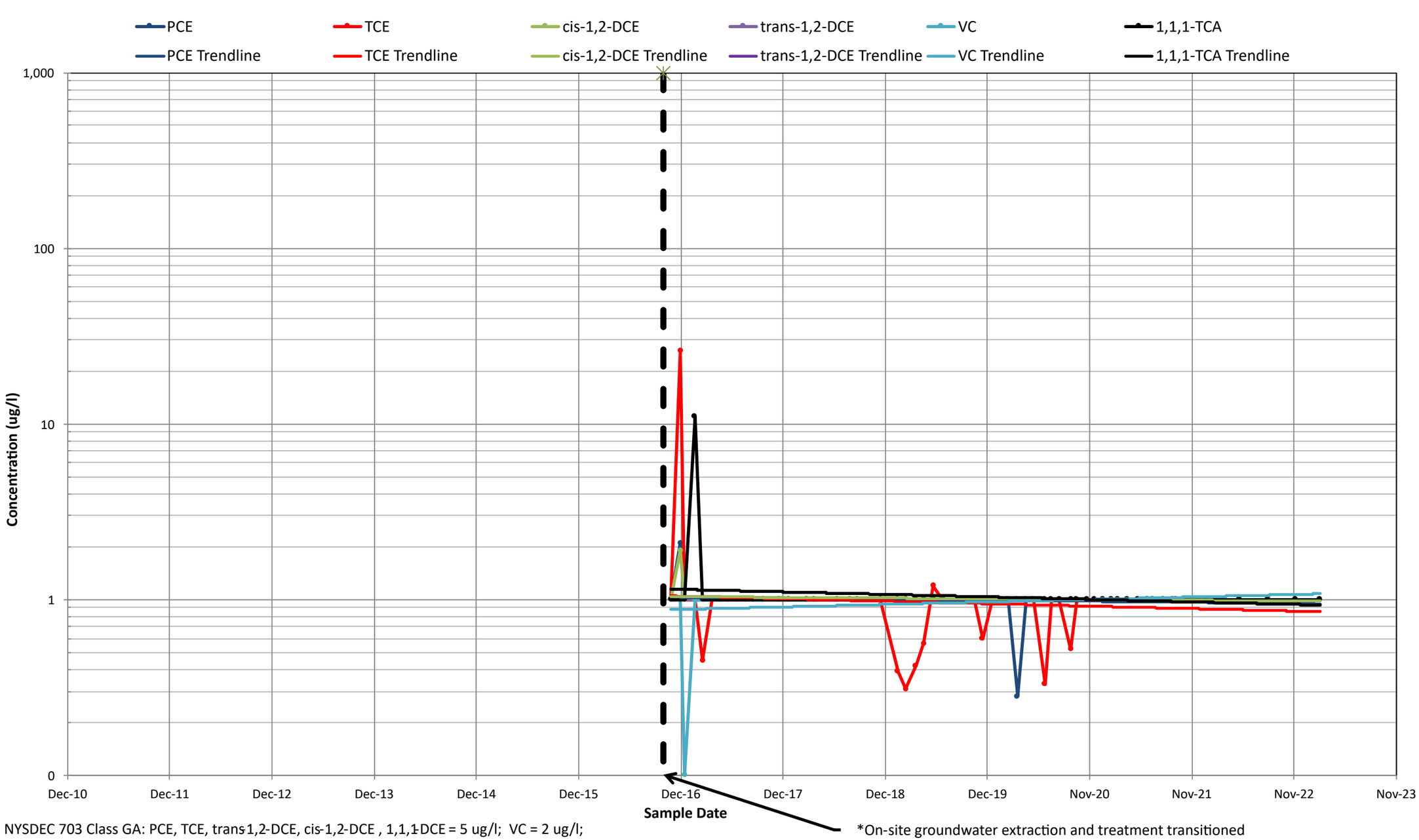

NYSDEC 703 Class GA: PCE, TCE, trans-1,2-DCE, cis-1,2-DCE , 1,1,1-DCE = 5 ug/l; VC = 2 ug/l;
Detection limits used to display non-detect results.How some reporting limits were generated is unknown.

*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
EFFLUENT

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

FIGURE 06

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_1Q2023\Claremont_Polychemical_1Q2023.aprx\Fig07-Dioxane_Exceedances
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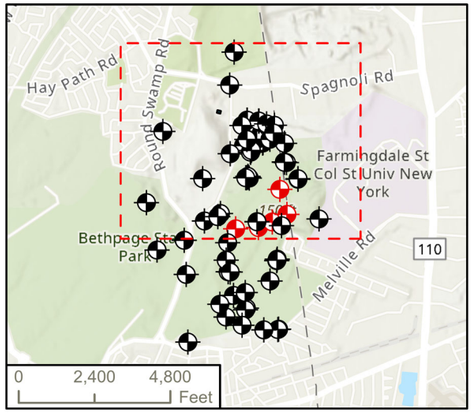

MONITORING WELL (GAUGED)
RECOVERY WELL
TREATMENT BUILDING

Process Sample Results Notes:
1. 1,4-Dioxane was compared to the NYSDOH Maximum Contaminant Level (MCL) issued August 26, 2020. Criteria shown on table below.
2. Exceedance of relevant criteria indicated by yellow highlighting in the data box on the map.
3. Final, validated data presented on figure.
4. X / X - Indicates primary / duplicate results.
5. All results presented in ug/L.

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

0 300 600
Feet

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

RAMBOLL

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_1Q2023\Claremont_Polychemical_1Q2023.aprx\Fig08-PFAS_Exceedances

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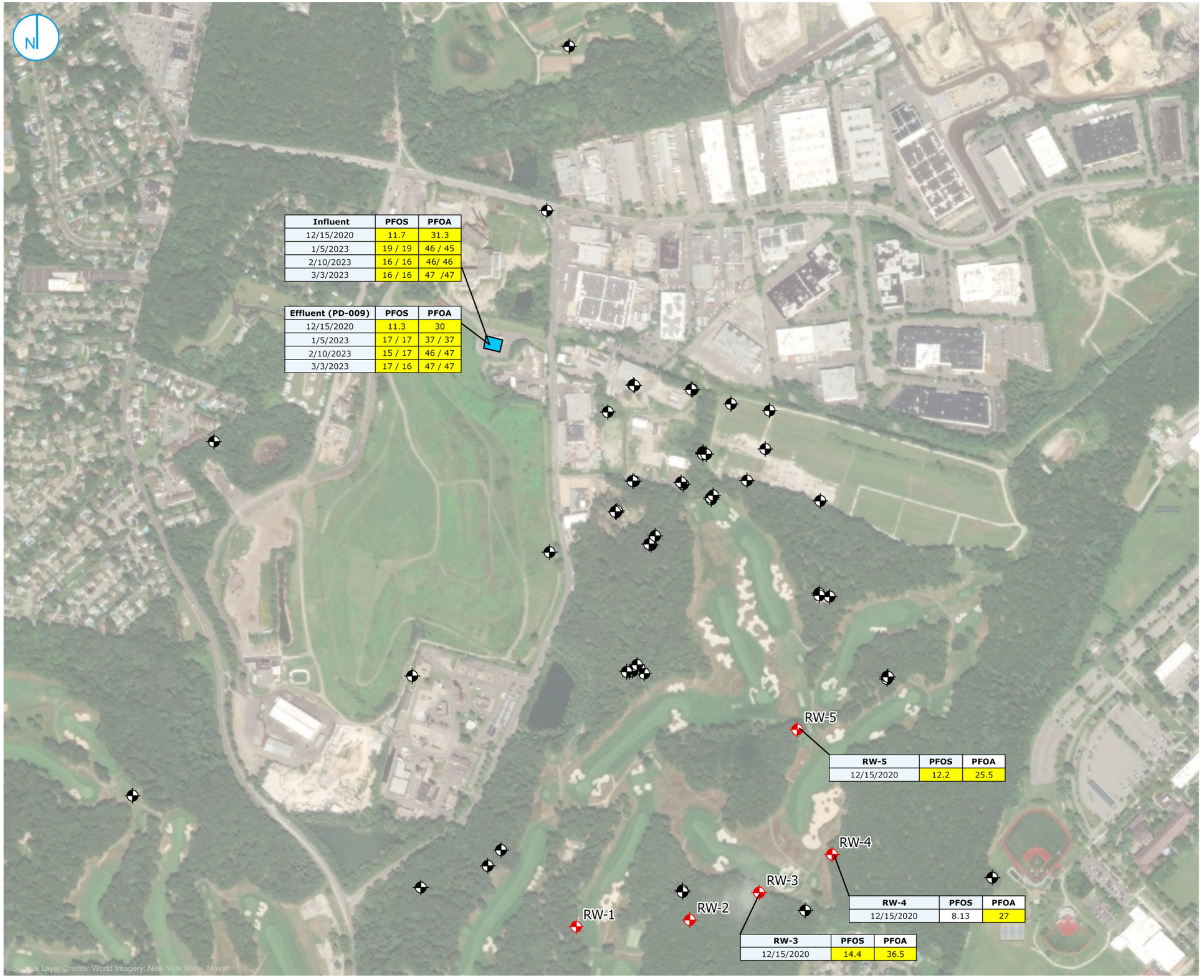


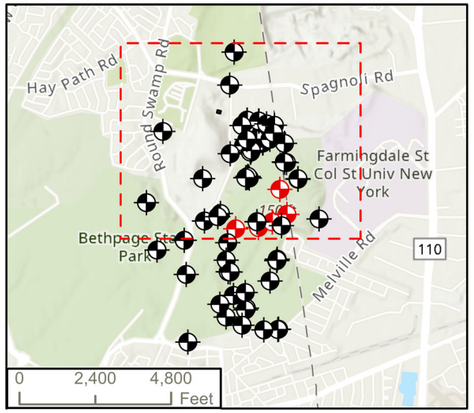
Influent	PFOS	PFOA
12/15/2020	11.7	31.3
1/5/2023	19 / 19	46 / 45
2/10/2023	16 / 16	46/ 46
3/3/2023	16 / 16	47 /47

Effluent (PD-009)	PFOS	PFOA
12/15/2020	11.3	30
1/5/2023	17 / 17	37 / 37
2/10/2023	15 / 17	46 / 47
3/3/2023	17 / 16	47 / 47

RW-5	PFOS	PFOA
12/15/2020	12.2	25.5

RW-4	PFOS	PFOA
12/15/2020	8.13	27

RW-3	PFOS	PFOA
12/15/2020	14.4	36.5



MONITORING WELL (GAUGED)

RECOVERY WELL

TREATMENT BUILDING

Process Sample Results Notes:

1. Individual PFAS compound results compared to NYSDEC Part 375 Guidelines for Sampling and Analysis of PFAS (October 2020).
2. Only compounds with exceedances are shown. If the compound is not shown it was not detected above the criteria in any sample.
3. Criteria for compounds shown on this figure are presented in the table below.
4. Exceedance of relevant criteria indicated by yellow highlighting in the data box on the map.
5. Final, validated data presented on figure.
6. X / X - Indicates primary / duplicate results.
7. All results presented in ng/L.

Standards / Criteria:	ng/L
Perfluorooctanesulfonic acid (PFOS)	10
Perfluorooctanoic acid (PFOA)	10

0 300 600 Feet

PFAS EXCEEDANCES

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

FIGURE 08

RAMBOLL AMERICAS ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_1Q2023\Claremont_Polychemical_1Q2023.aprx\Fig09-Chlorinated_VOC_DW-1
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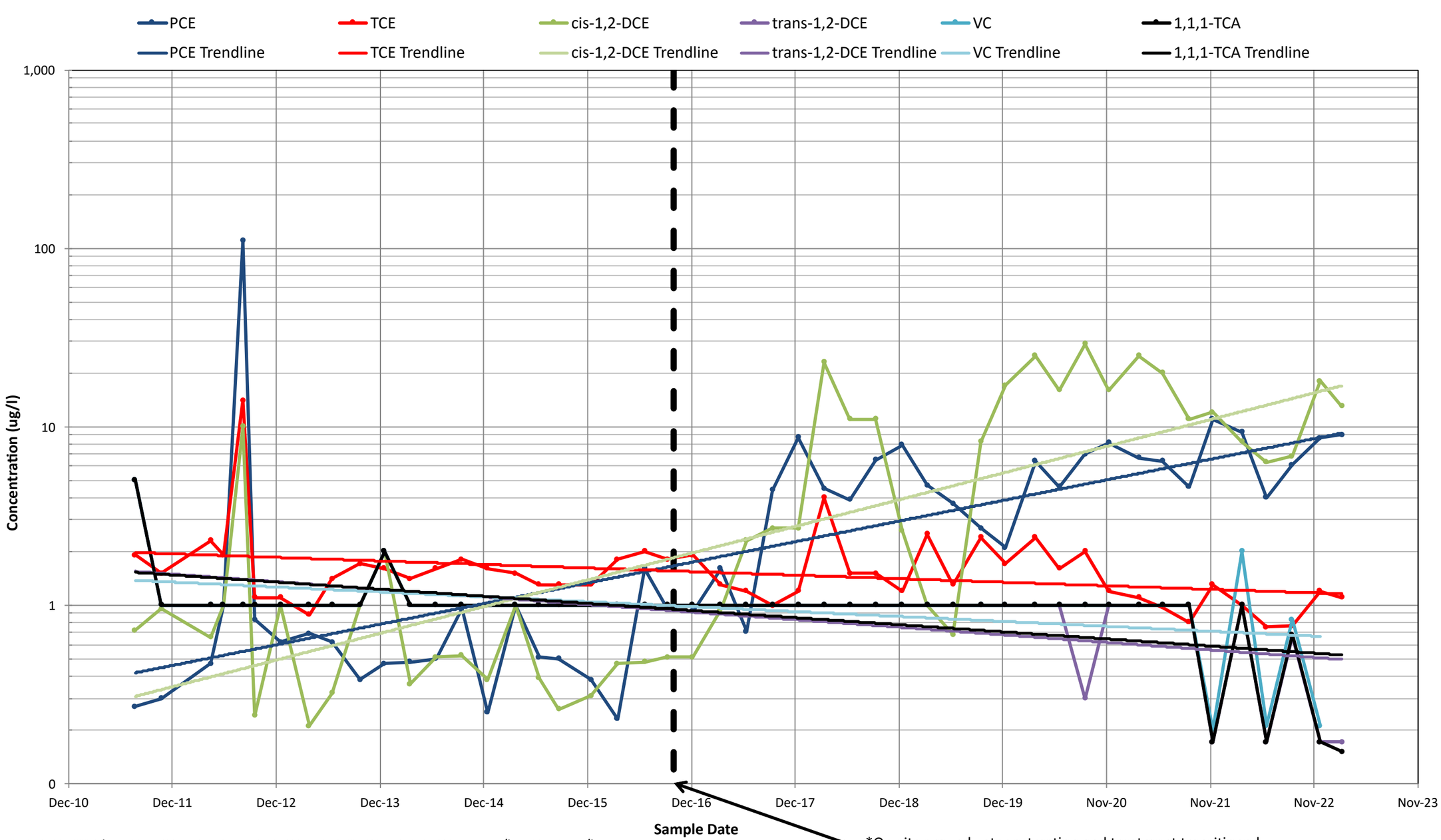

NYSDEC 703 Class GA: PCE, TCE, trans-1,2-DCE, cis-1,2-DCE , 1,1,1-DCE = 5 ug/l; VC = 2 ug/l;
Detection limits used to display non-detect results.How some reporting limits were generated is unknown.

*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

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

FIGURE 09

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_1Q2023\Claremont_Polychemical_1Q2023.aprx\Fig10-Chlorinated_VOC_SW-10

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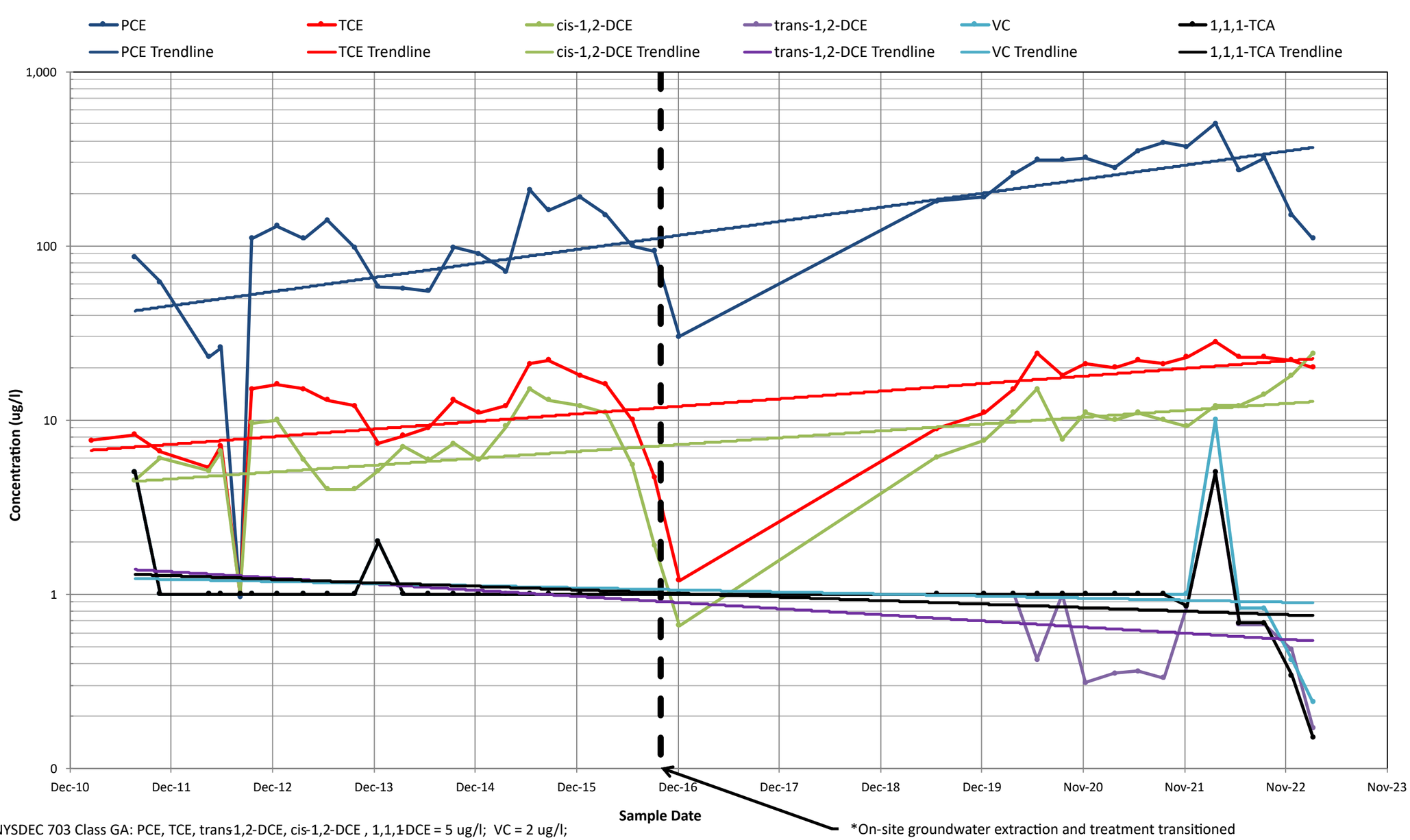

NYSDEC 703 Class GA: PCE, TCE, trans-1,2-DCE, cis-1,2-DCE , 1,1,1-DCE = 5 ug/l; VC = 2 ug/l;
Detection limits used to display non-detect results.How some reporting limits were generated is unknown.

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

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

FIGURE 10

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_1Q2023\Claremont_Polychemical_1Q2023.aprx\Fig11-Chlorinated_VOC_EW-1A
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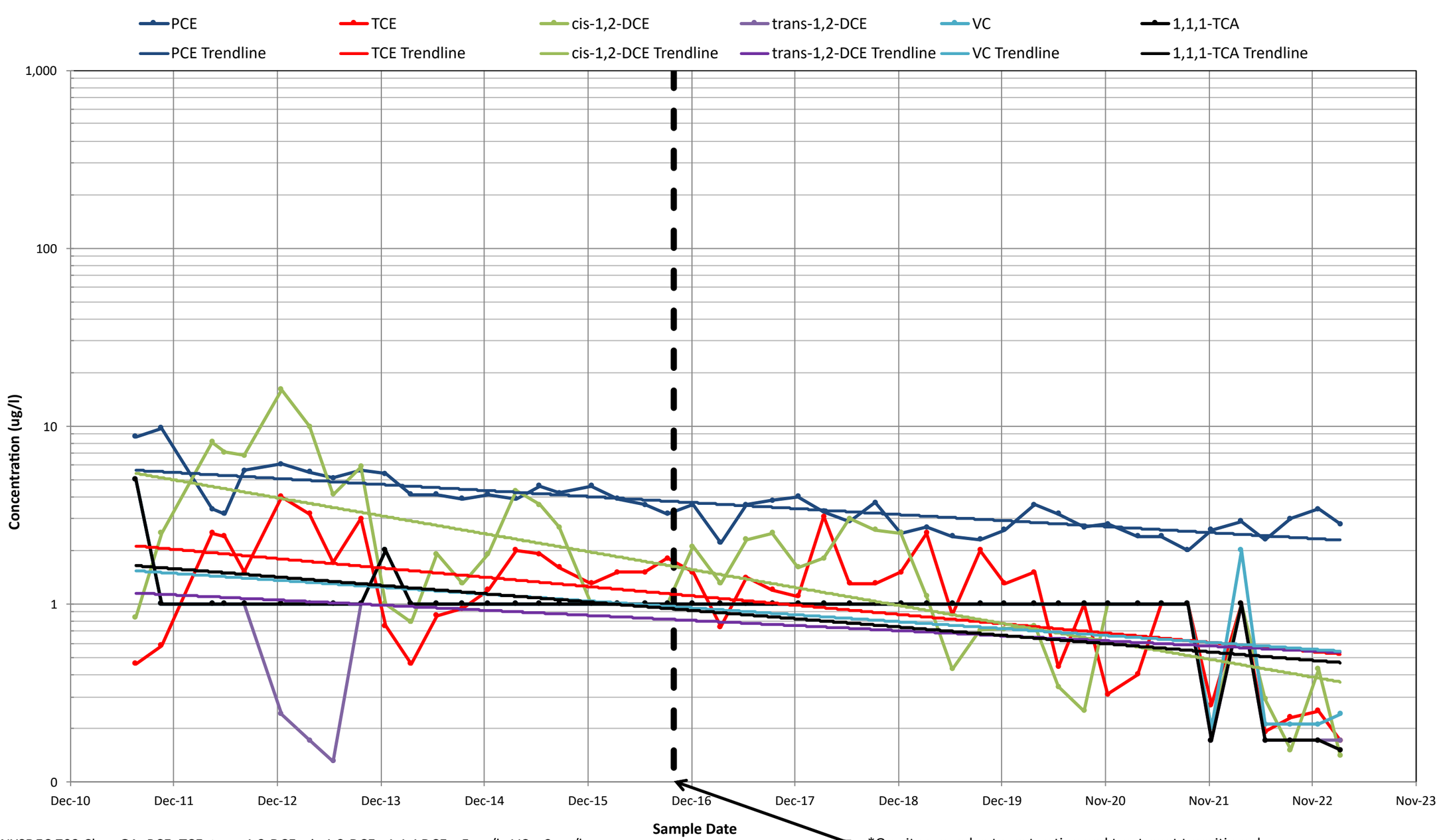

NYSDEC 703 Class GA: PCE, TCE, trans-1,2-DCE, cis-1,2-DCE , 1,1,1-DCE = 5 ug/l; VC = 2 ug/l;
Detection limits used to display non-detect results.How some reporting limits were generated is unknown.

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

CHLORINATED VOC CONCENTRATIONS
EW-1A

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

FIGURE 11

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

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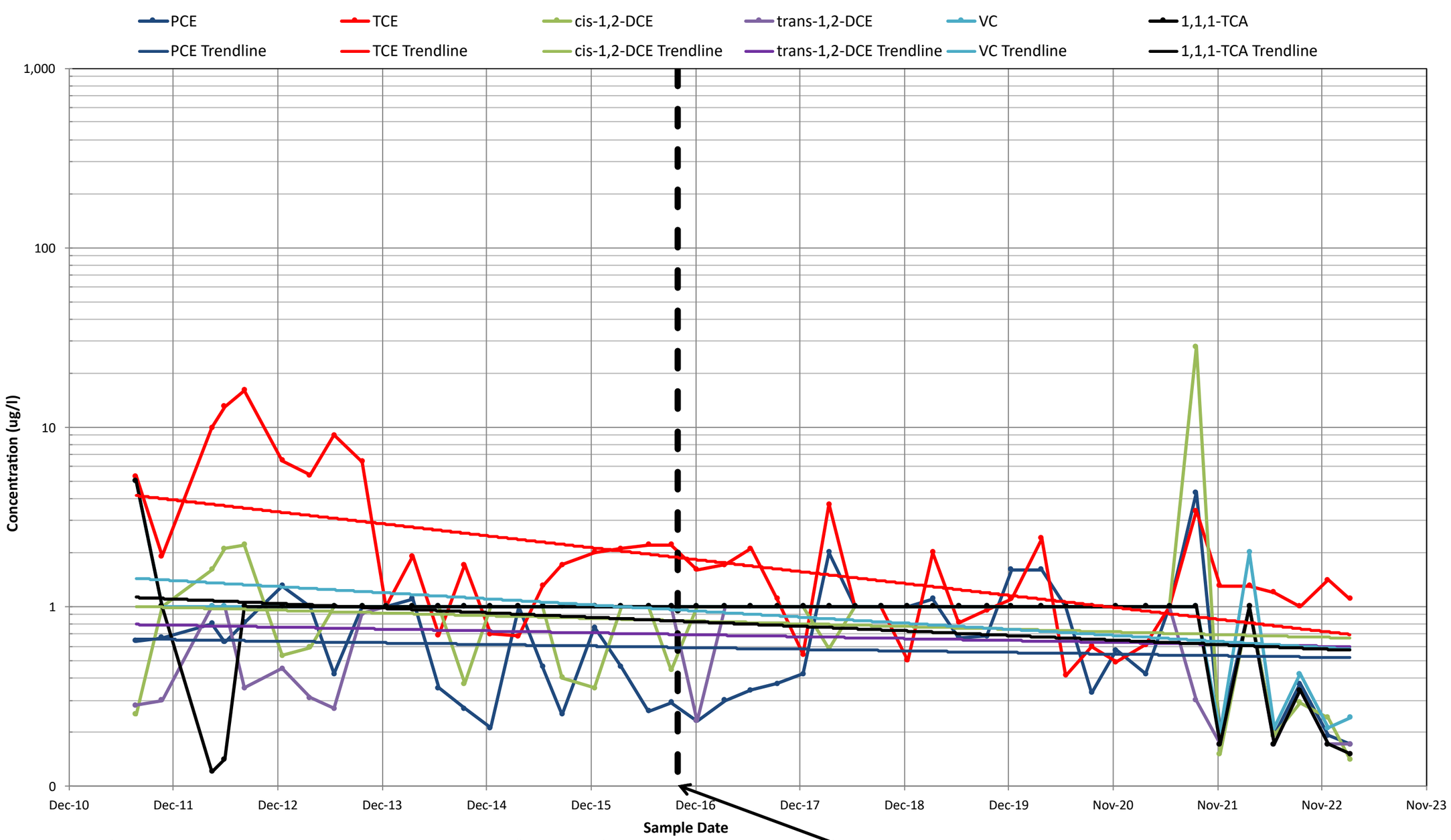

NYSDEC 703 Class GA: PCE, TCE, trans-1,2-DCE, cis-1,2-DCE , 1,1,1-DCE = 5 ug/l; VC = 2 ug/l;
Detection limits used to display non-detect results.How some reporting limits were generated is unknown.

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

CHLORINATED VOC CONCENTRATIONS
EW-5

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

FIGURE 12

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

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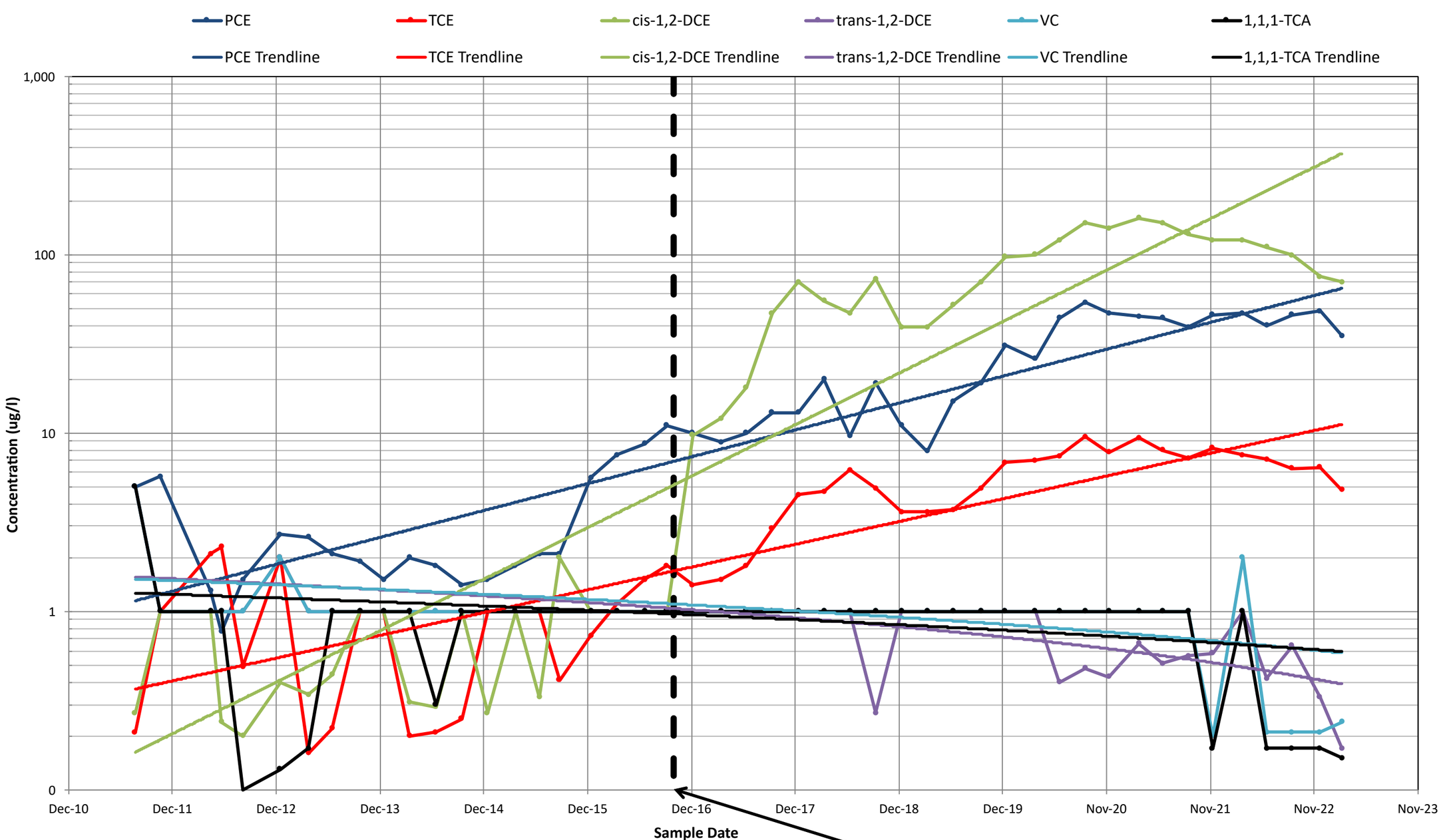

NYSDEC 703 Class GA: PCE, TCE, trans-1,2-DCE, cis-1,2-DCE , 1,1,1-DCE = 5 ug/l; VC = 2 ug/l;
Detection limits used to display non-detect results.How some reporting limits were generated is unknown.

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

CHLORINATED VOC CONCENTRATIONS
EW-4A

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

FIGURE 13

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_1Q2023\Claremont_Polychemical_1Q2023.aprx\Fig14-Chlorinated_VOC_EW-4B
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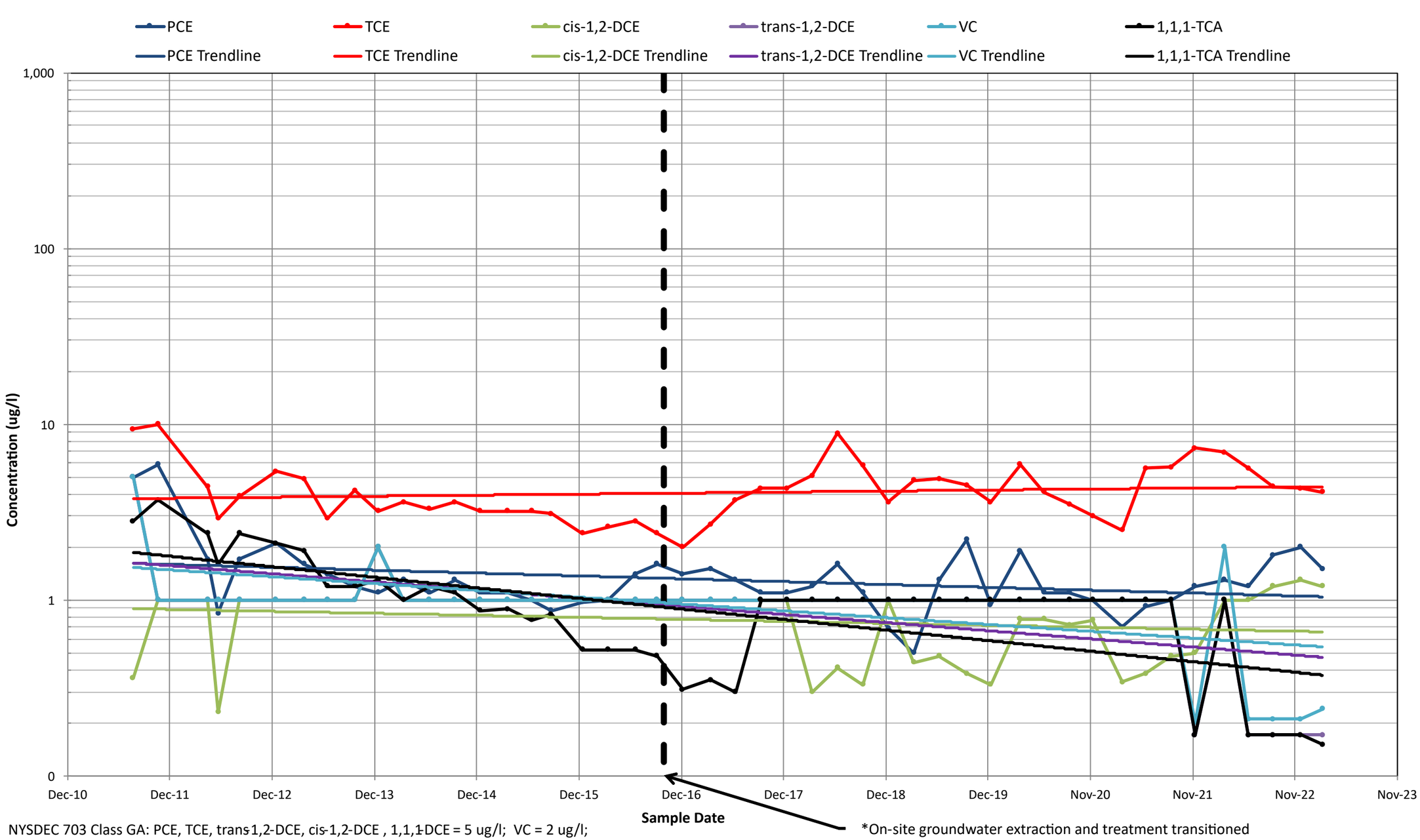

NYSDEC 703 Class GA: PCE, TCE, trans-1,2-DCE, cis-1,2-DCE , 1,1,1-DCE = 5 ug/l; VC = 2 ug/l;
Detection limits used to display non-detect results.How some reporting limits were generated is unknown.

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

CHLORINATED VOC CONCENTRATIONS
EW-4B

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

FIGURE 14

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_1Q2023\Claremont_Polychemical_1Q2023.aprx\Fig15-Chlorinated_VOC_EW-4C

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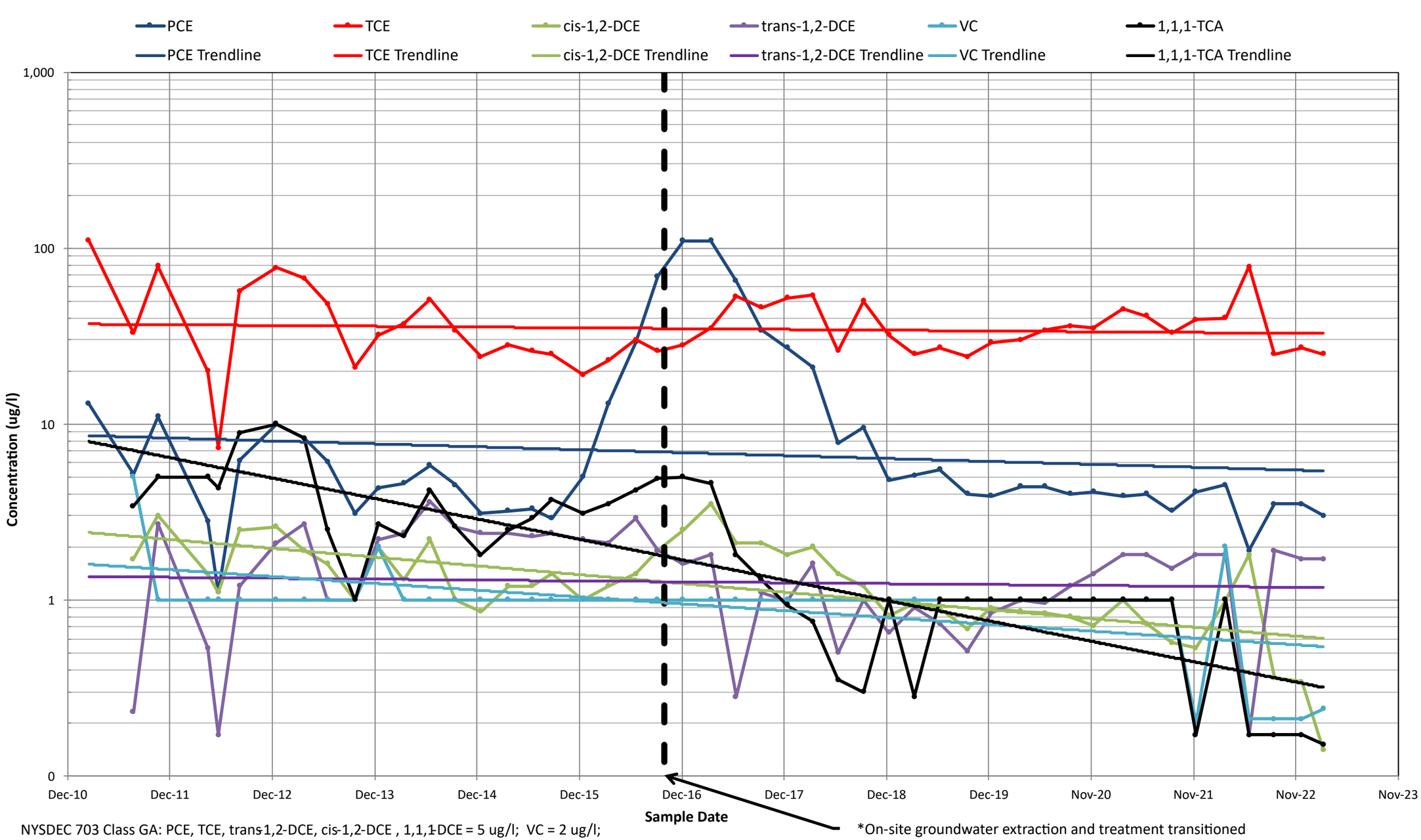

NYSDEC 703 Class GA: PCE, TCE, trans-1,2-DCE, cis-1,2-DCE , 1,1,1-DCE = 5 ug/l; VC = 2 ug/l;
Detection limits used to display non-detect results.How some reporting limits were generated is unknown.

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

CHLORINATED VOC CONCENTRATIONS
EW-4C

CLAREMONT POLYCHEMICAL CORPORATION
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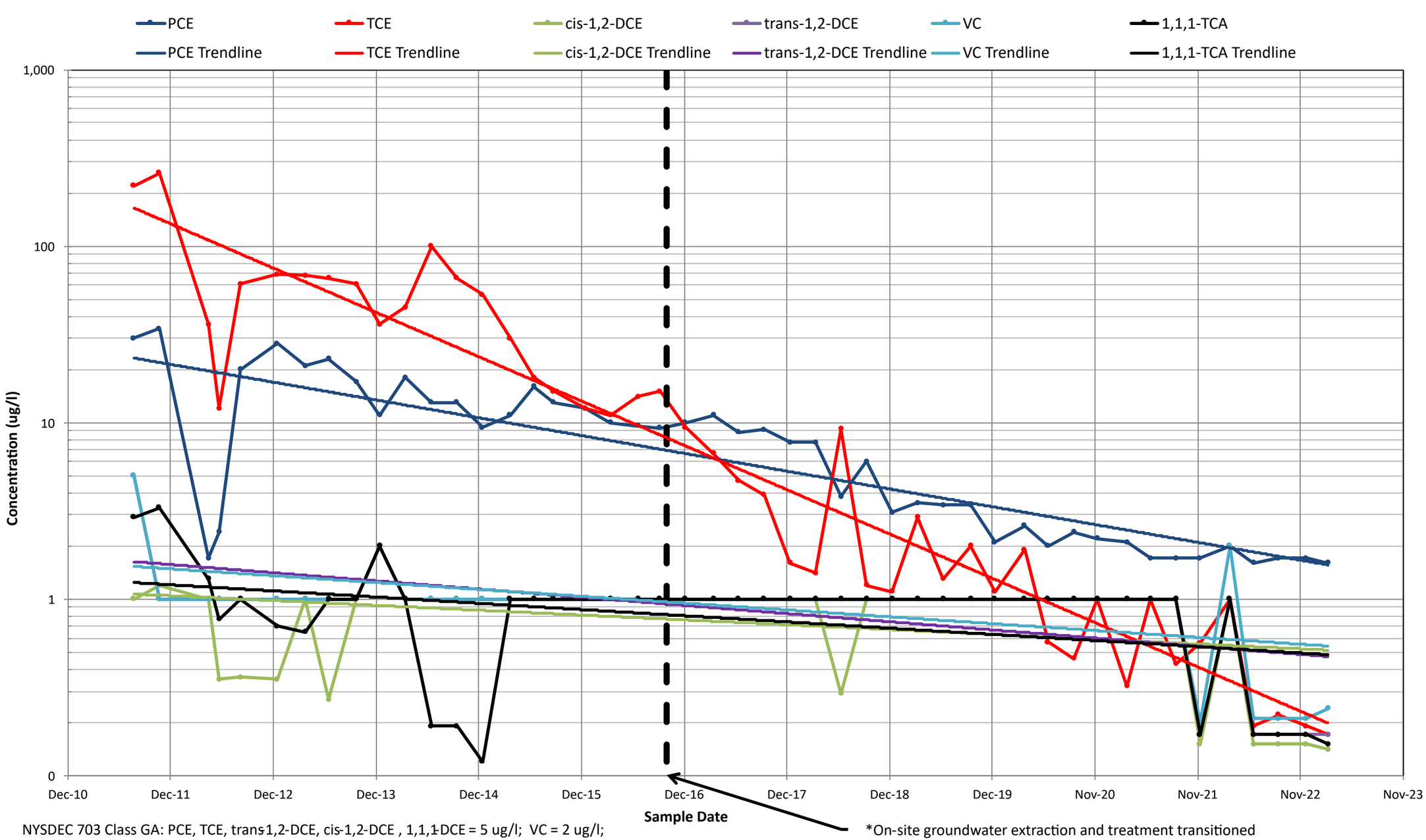
FIGURE 15

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_1Q2023\Claremont_Polychemical_1Q2023.aprx\Fig16-Chlorinated_VOC_EW-4D

PROJECT: 940101703 | DATED: 4/17/2023 | 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-4D

CLAREMONT POLYCHEMICAL CORPORATION
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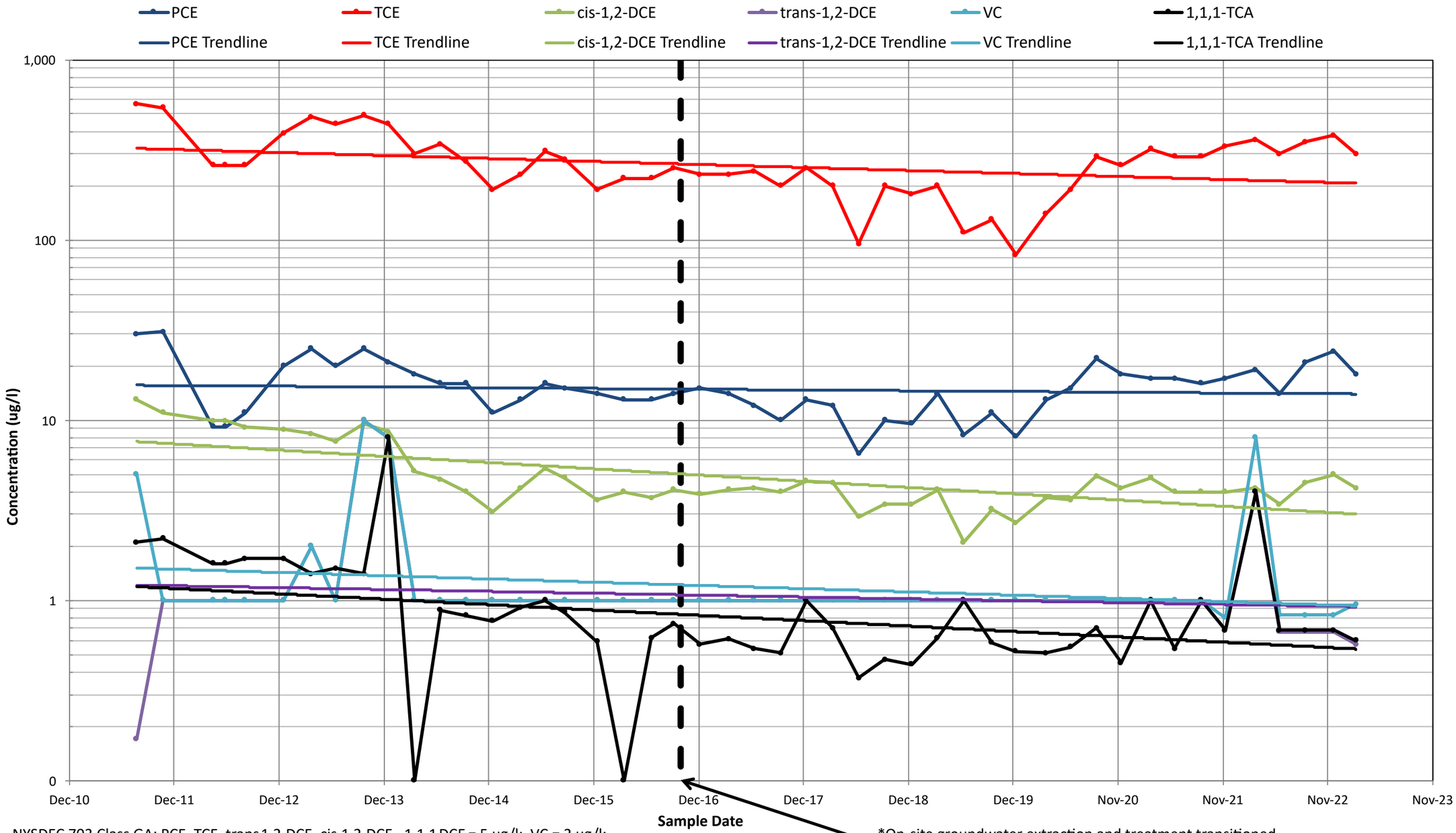
FIGURE 16

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_1Q2023\Claremont_Polychemical_1Q2023.aprx\Fig17-Chlorinated_VOC_EW-7C
PROJECT: 1940101703 | DATED: 4/17/2023 | 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
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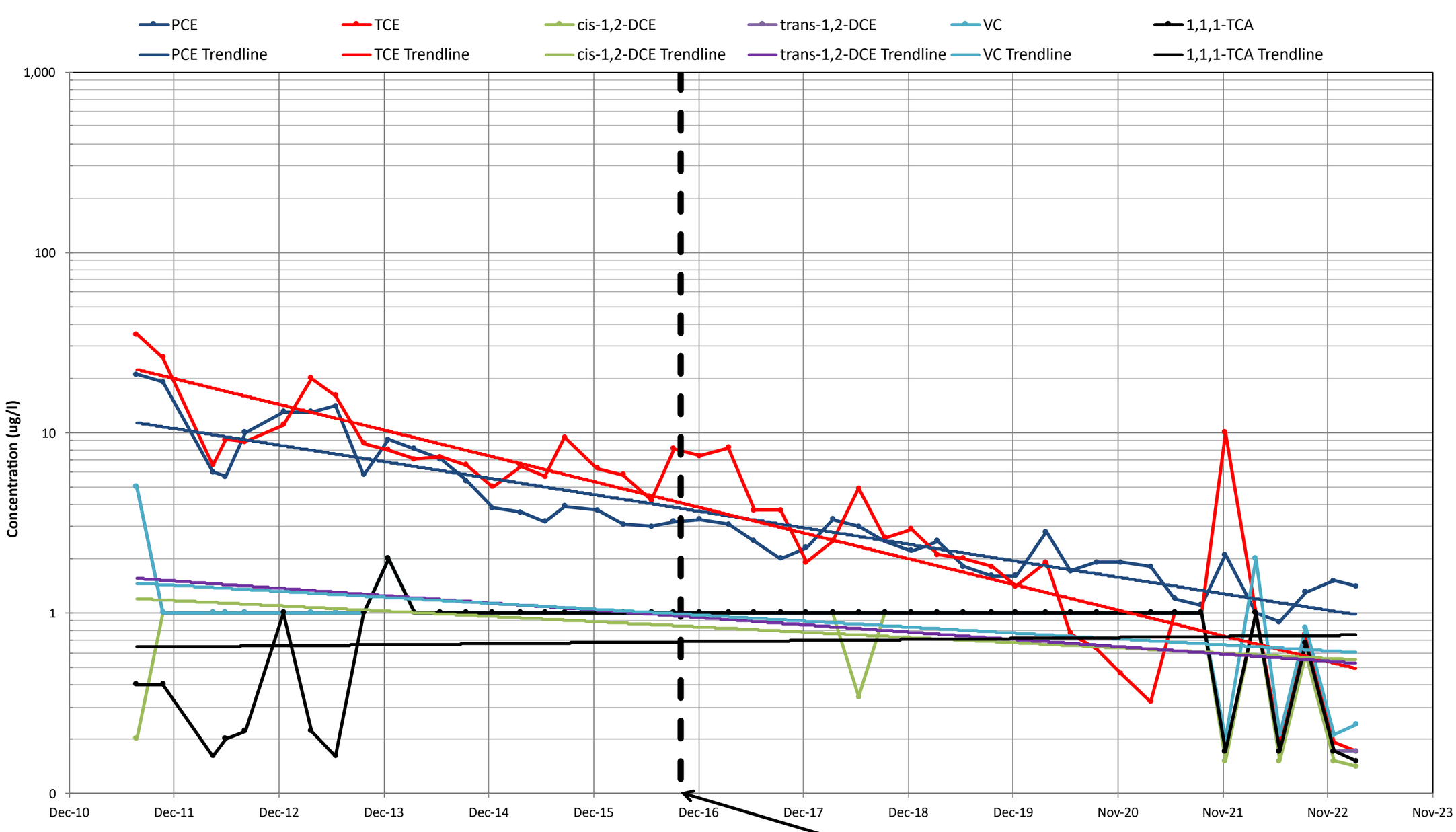
FIGURE 17

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_1Q2023\Claremont_Polychemical_1Q2023.aprx\Fig18-Chlorinated_VOC_EW-7D

PROJECT: 1940101703 | DATED: 4/17/2023 | 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-7D

CLAREMONT POLYCHEMICAL CORPORATION
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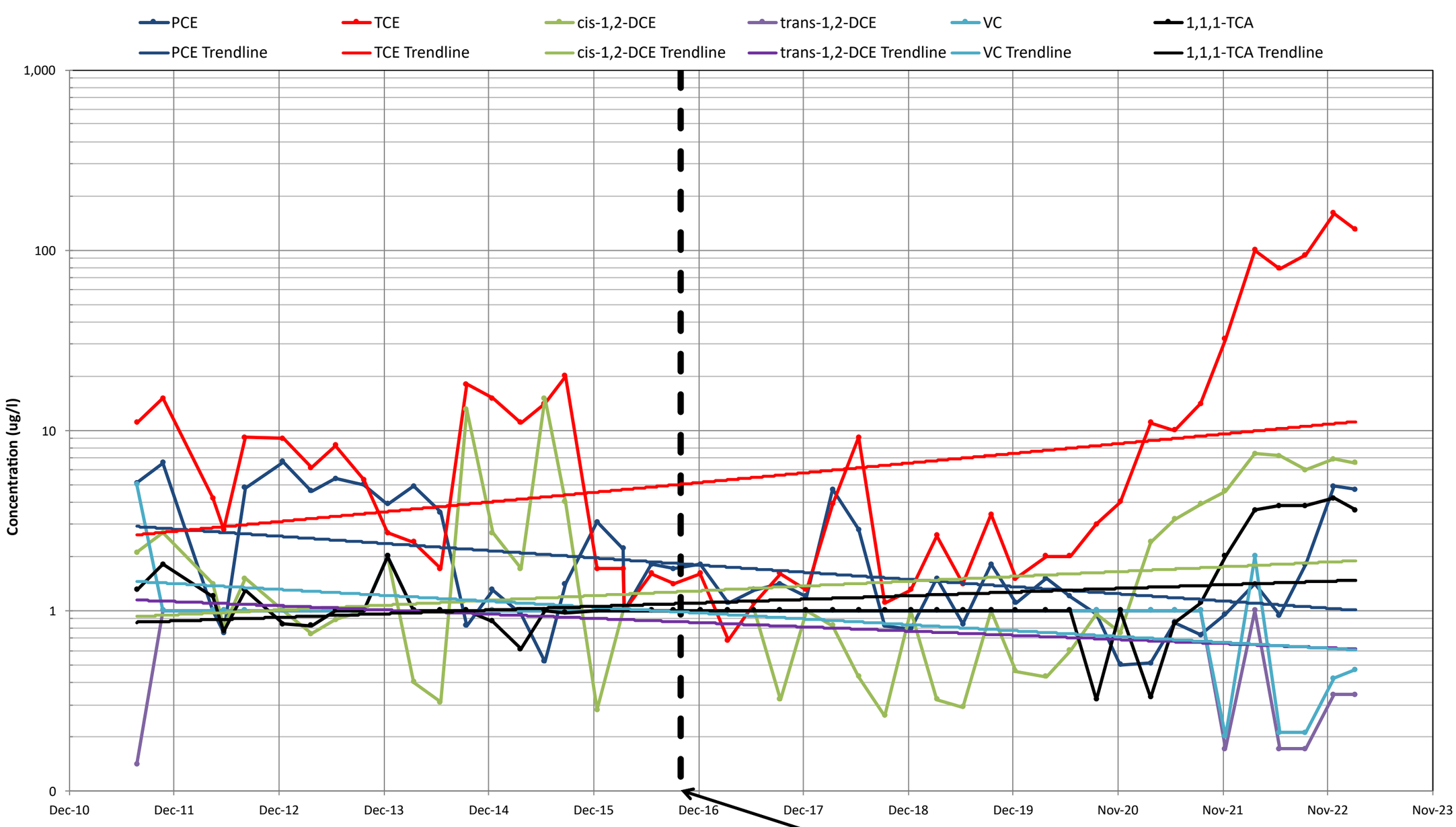
FIGURE 18

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_1Q2023\Claremont_Polychemical_1Q2023.aprx\Fig19-Chlorinated_VOC_MW-10D
PROJECT: 1940101703 | DATED: 4/17/2023 | DESIGNER: SSOULE



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

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

CHLORINATED VOC CONCENTRATIONS
MW-10D

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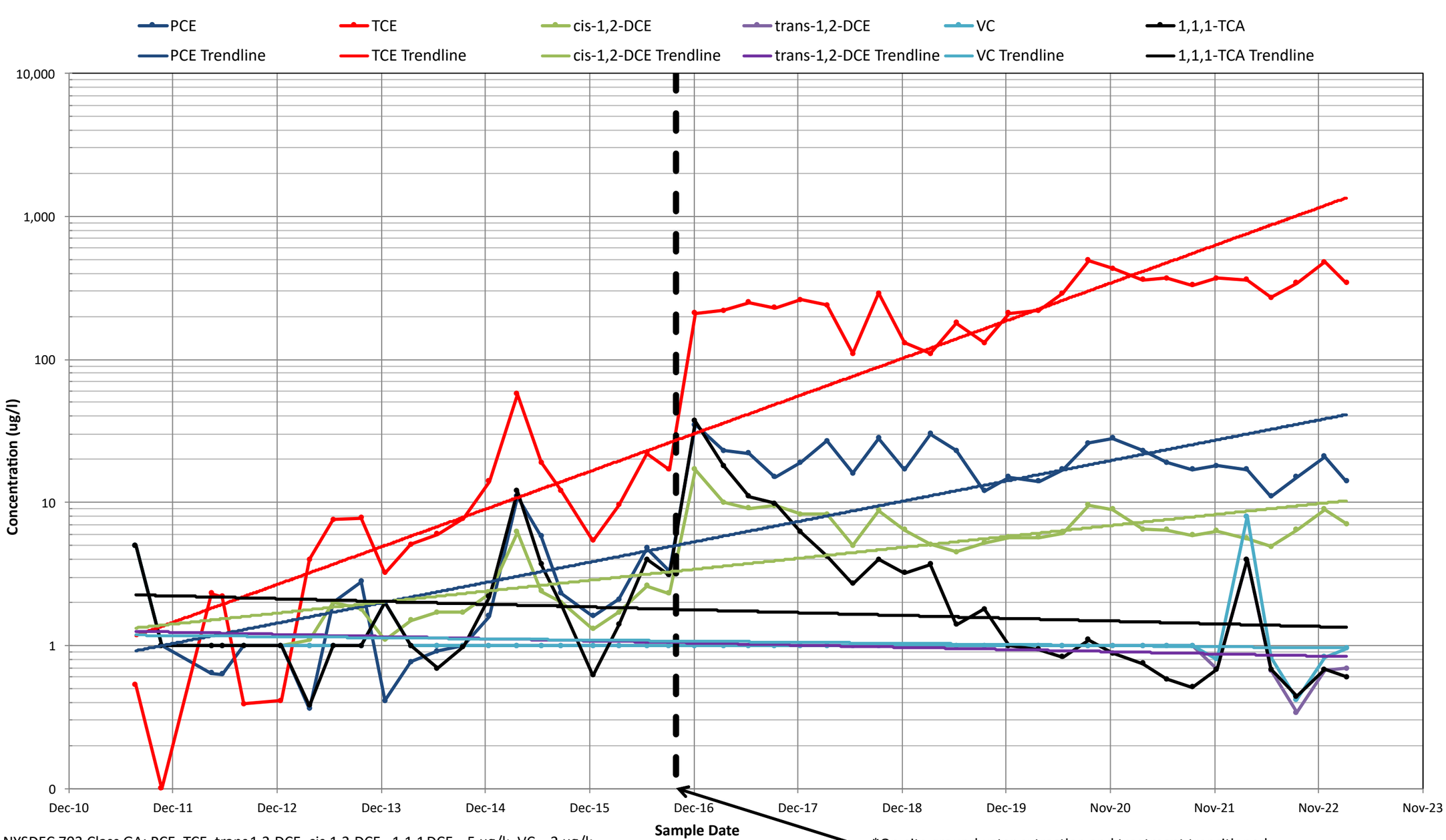
FIGURE 19

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_1Q2023\Claremont_Polychemical_1Q2023.aprx\Fig20-Chlorinated_VOC_EW-12D
PROJECT: 1940101703 | DATED: 4/17/2023 | 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-12D

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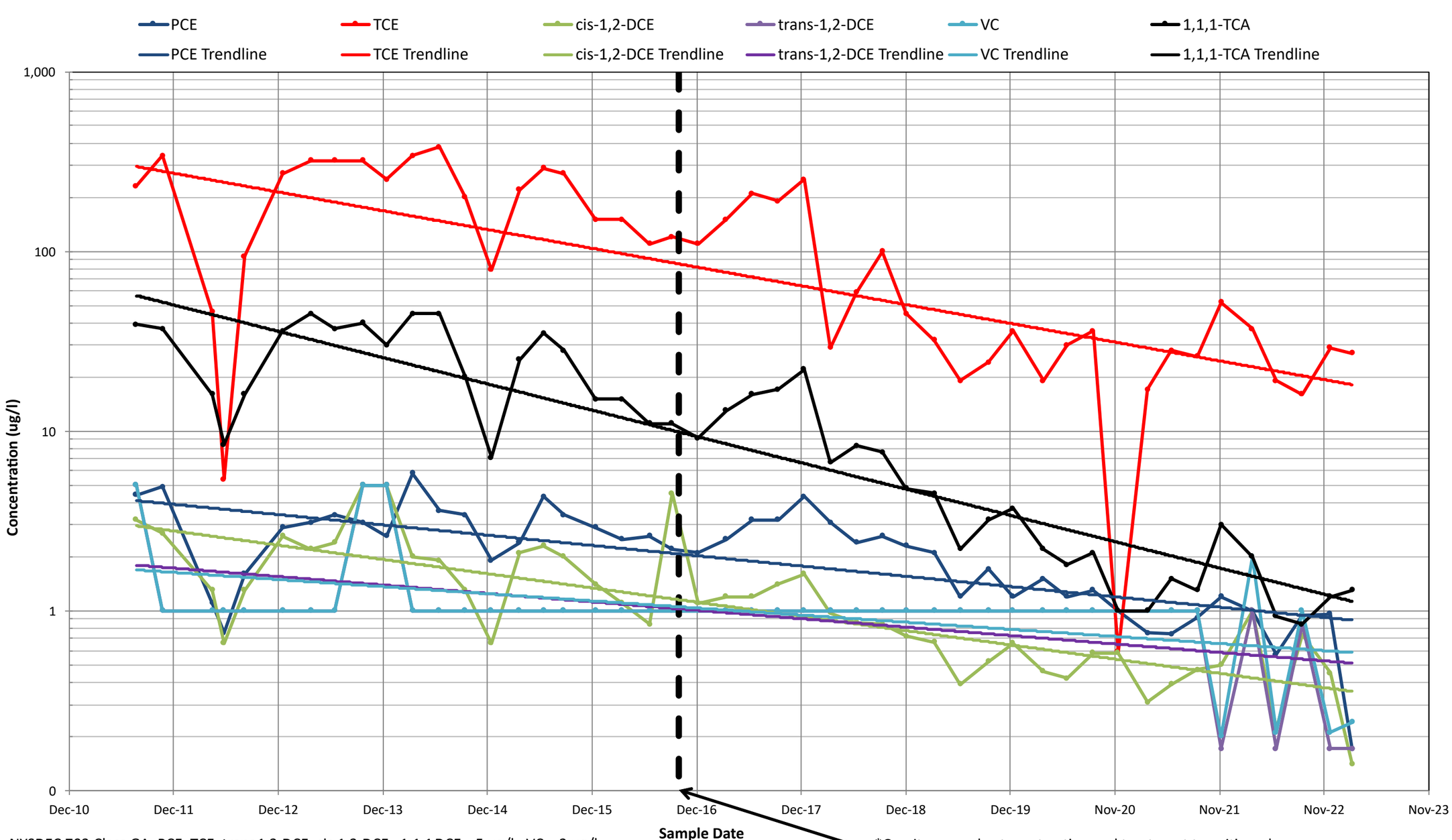
FIGURE 20

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_1Q2023\Claremont_Polychemical_1Q2023.aprx\Fig21-Chlorinated_VOC_EW-14D
PROJECT: 1940101703 | DATED: 4/17/2023 | DESIGNER: SSOULE



NYSDEC 703 Class GA: PCE, TCE, trans-1,2-DCE, cis-1,2-DCE , 1,1,1-TCA = 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

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FIGURE 21

RAMBOLL AMERICAS
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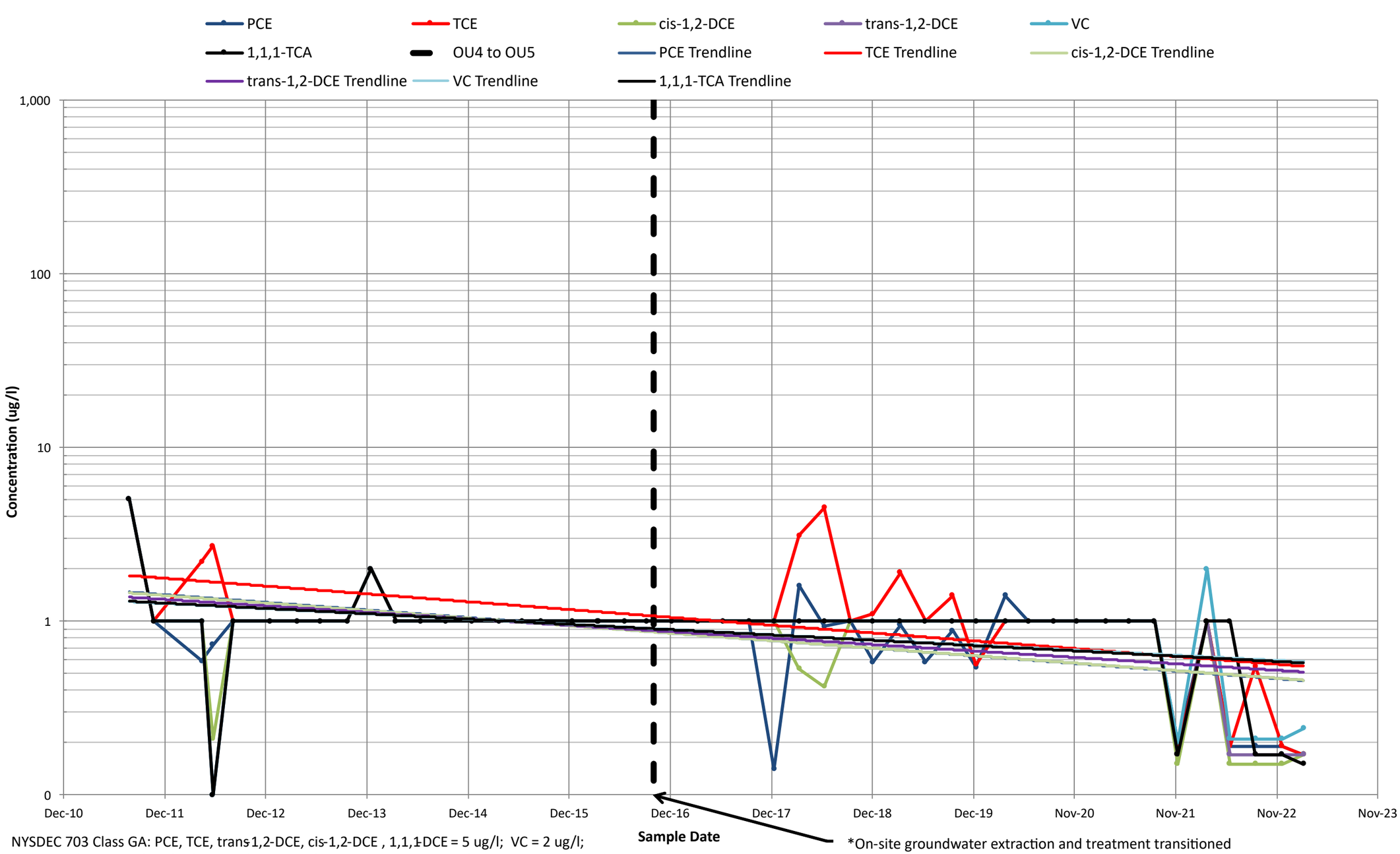
A RAMBOLL COMPANY

RAMBOLL

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_1Q2023\Claremont_Polychemical_1Q2023.aprx\Fig22-Chlorinated_VOC_BP-3A
PROJECT: 1940101703 | DATED: 4/17/2023 | 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-3A

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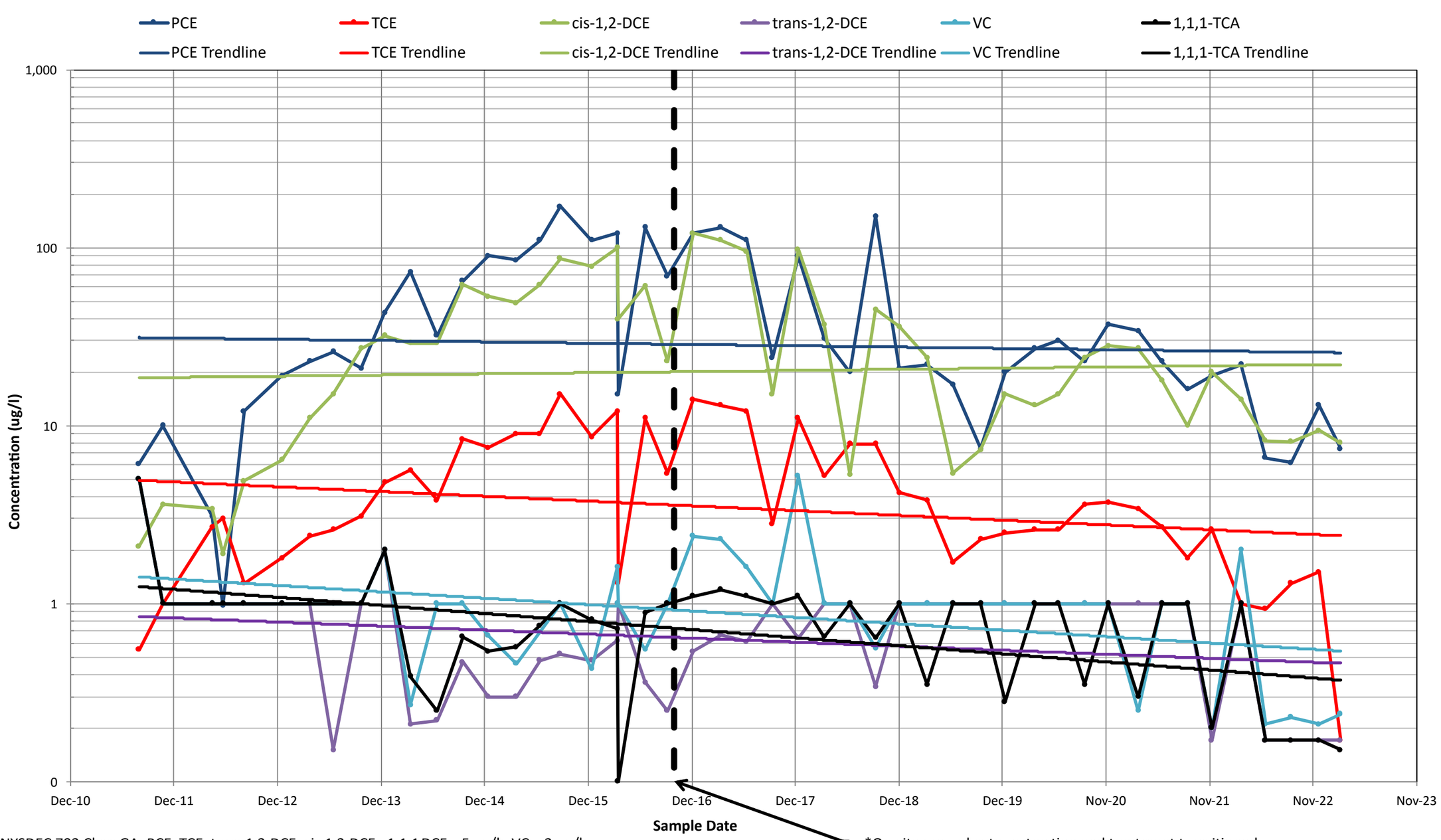
FIGURE 22

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_1Q2023\Claremont_Polychemical_1Q2023.aprx\Fig23-Chlorinated_VOC_BP-3B
PROJECT: 1940101703 | DATED: 4/17/2023 | 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

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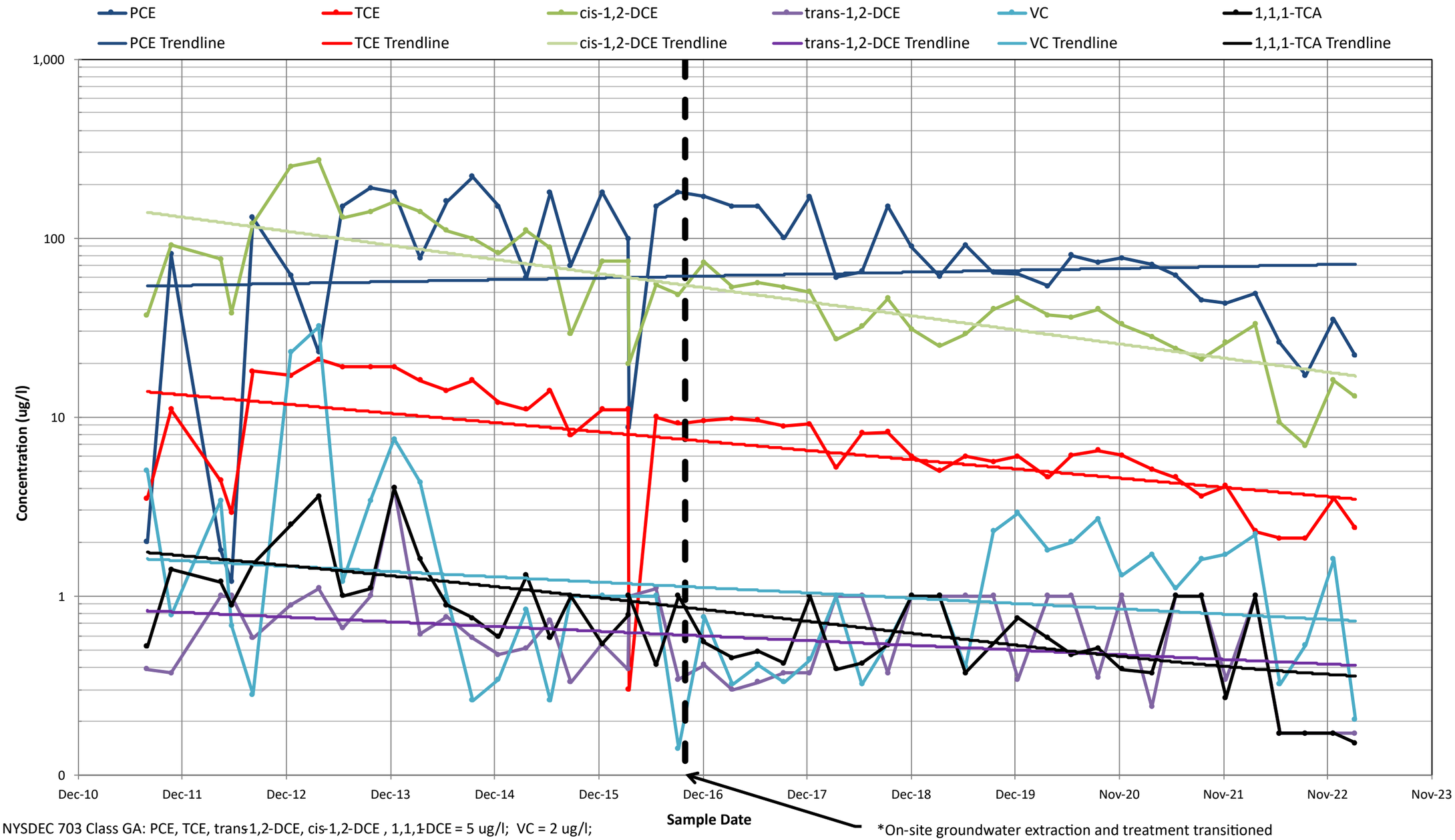
FIGURE 23

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

PROJECT: 1690001940101703 | DATED: 8/1/2023 | DESIGNER: SSOULE
K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_1Q2023\Claremont_Polychemical_1Q2023.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

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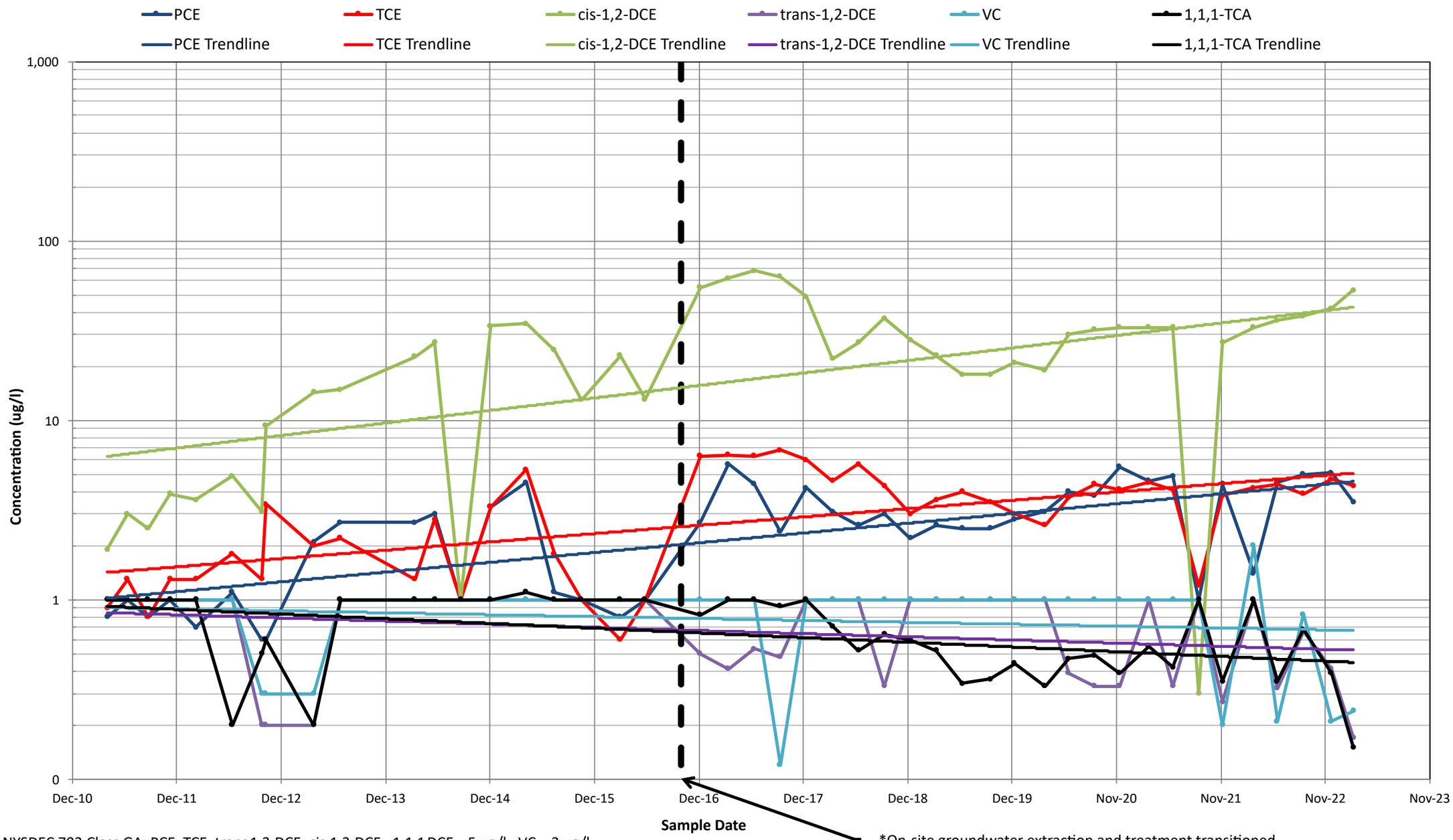
FIGURE 24

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_1Q2023\Claremont_Polychemical_1Q2023.aprx\Fig25-Chlorinated_VOC_MW-11A
PROJECT: 1940101703 | DATED: 4/17/2023 | 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

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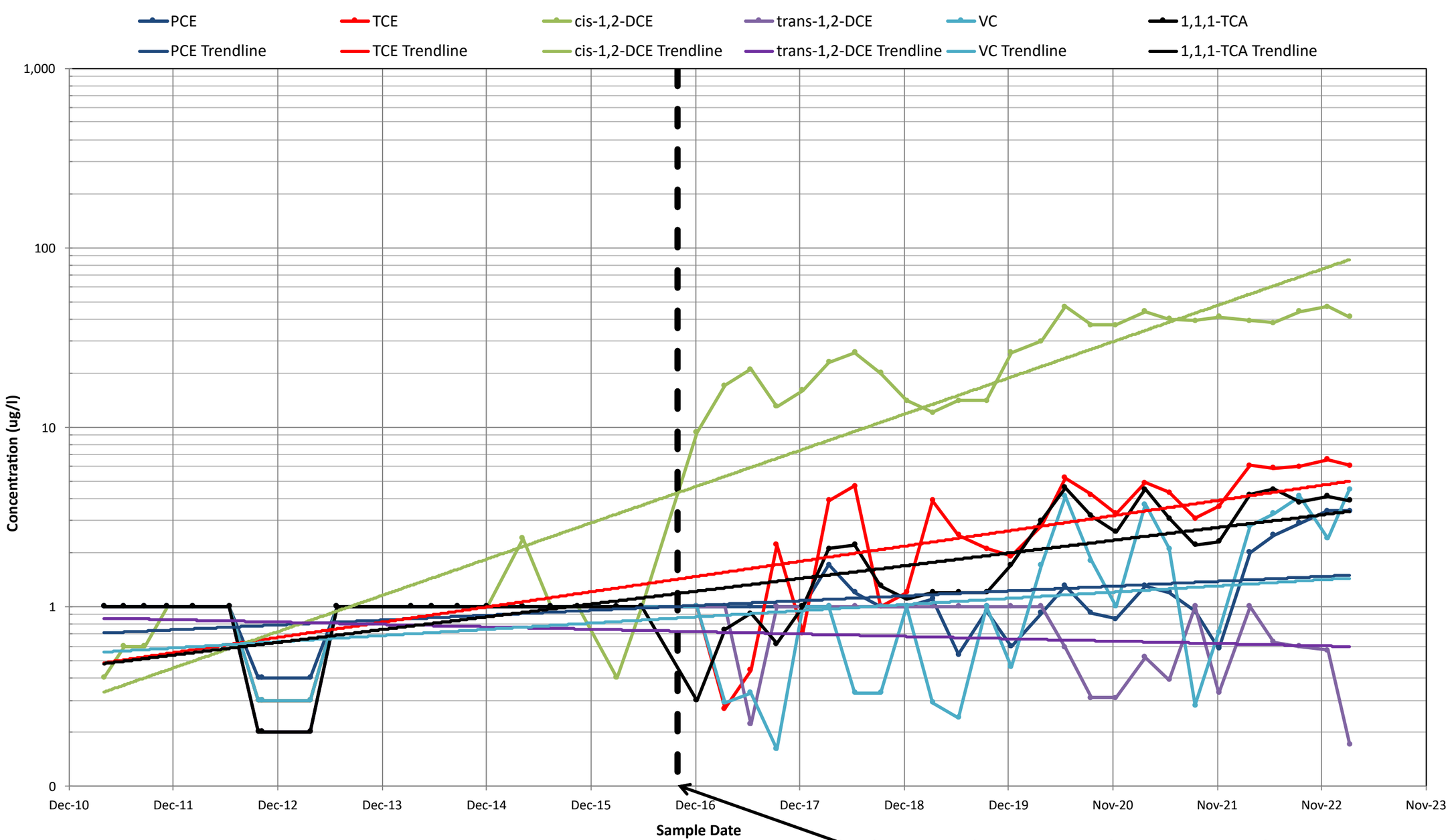
FIGURE 25

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_1Q2023\Claremont_Polychemical_1Q2023.aprx\Fig26-Chlorinated_VOC_MW-11B
PROJECT: 1940101703 | DATED: 4/17/2023 | 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

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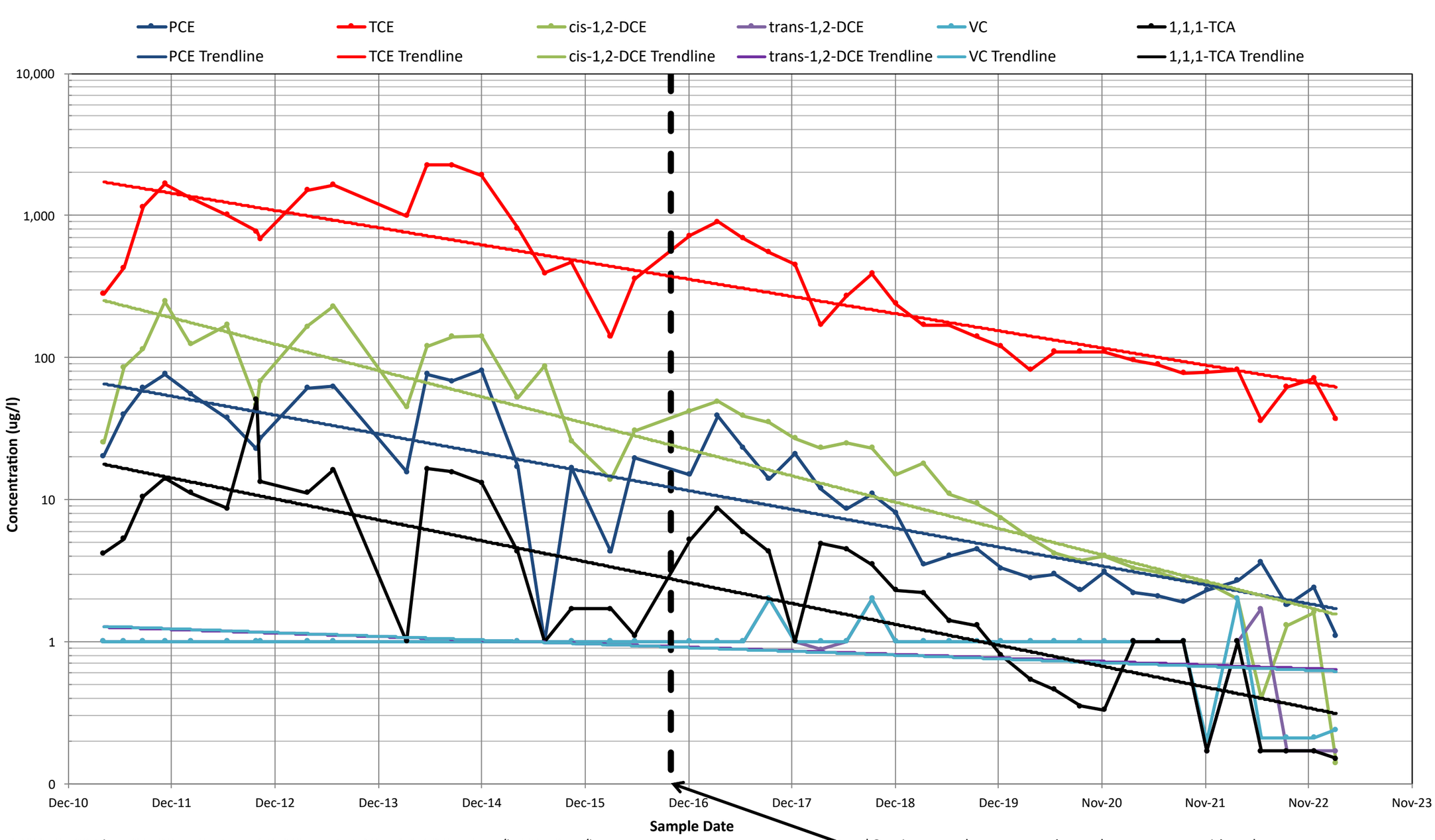
FIGURE 26

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_1Q2023\Claremont_Polychemical_1Q2023 aprx\Fig27-Chlorinated_VOC_MW-7B-R

PROJECT: 1940101703 | DATED: 4/17/2023 | 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-7B-R

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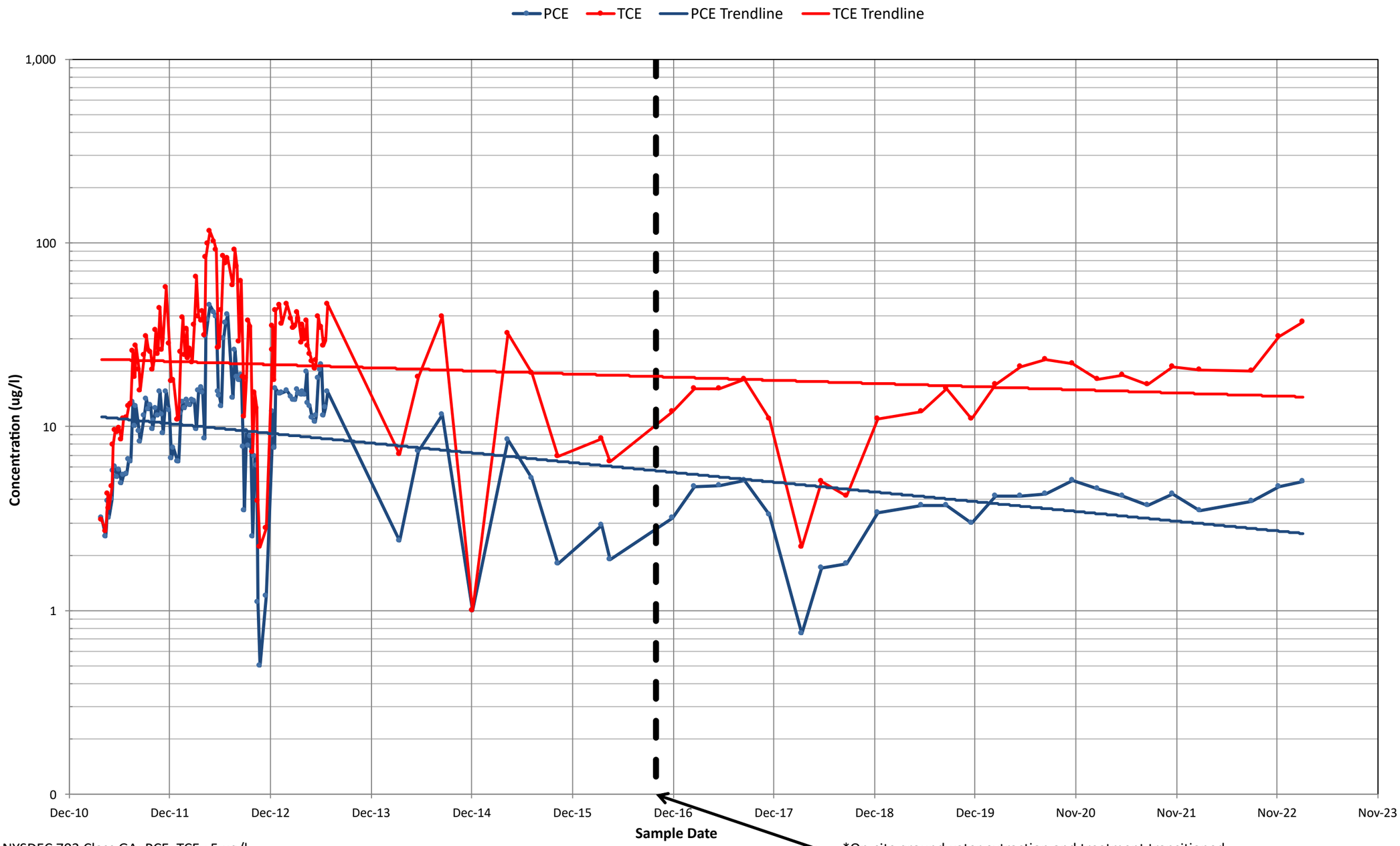
FIGURE 27

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_1Q2023\Claremont_Polychemical_1Q2023.aprx\Fig28-Chlorinated_VOC_RW-3
PROJECT: 1940101703 | DATED: 4/17/2023 | DESIGNER: SSOULE



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

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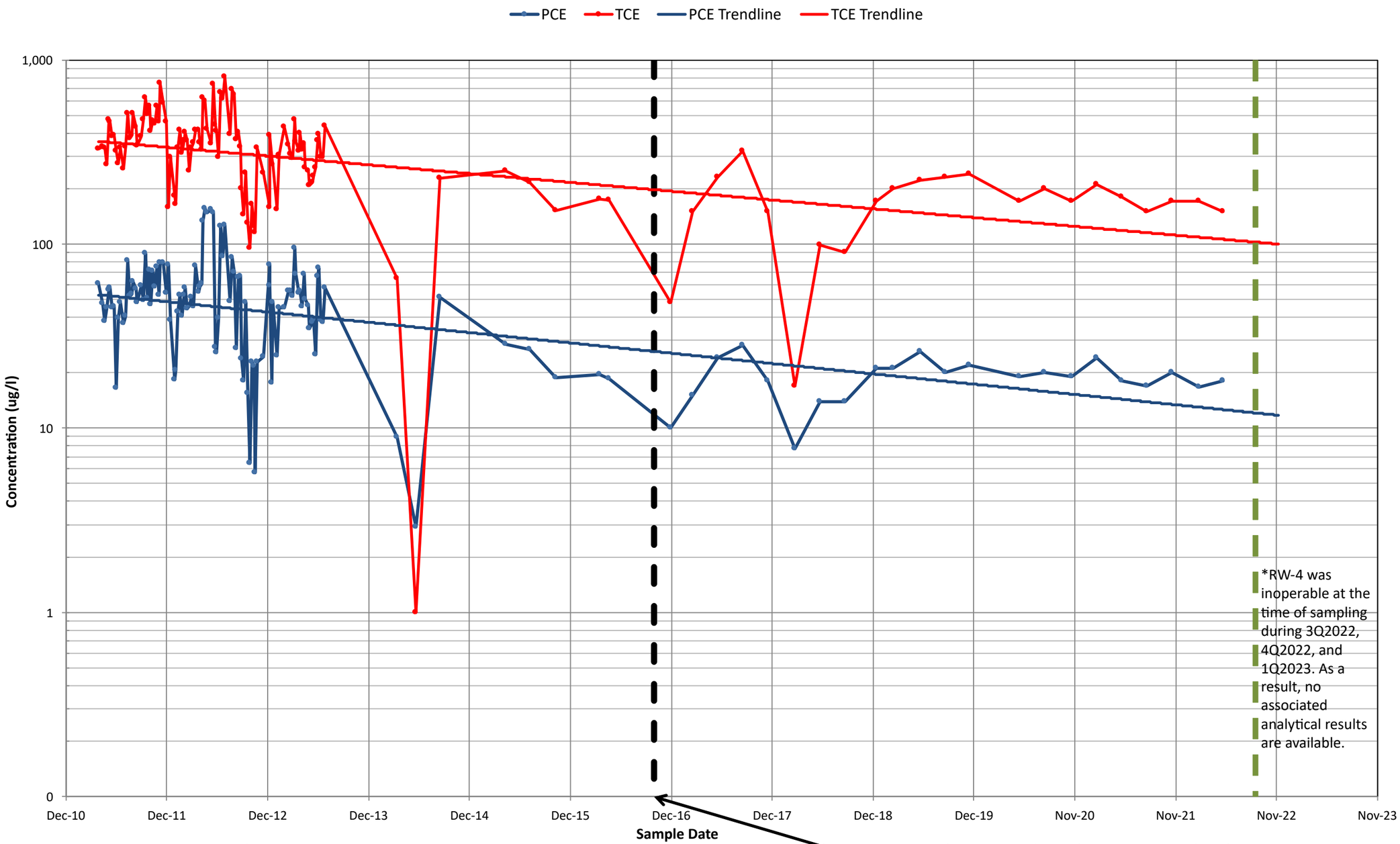
FIGURE 28

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_1Q2023\Claremont_Polychemical_1Q2023.aprx\Fig29-Chlorinated_VOC_RW-4
PROJECT: 1940101703 | DATED: 4/17/2023 | DESIGNER: SSOULE



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

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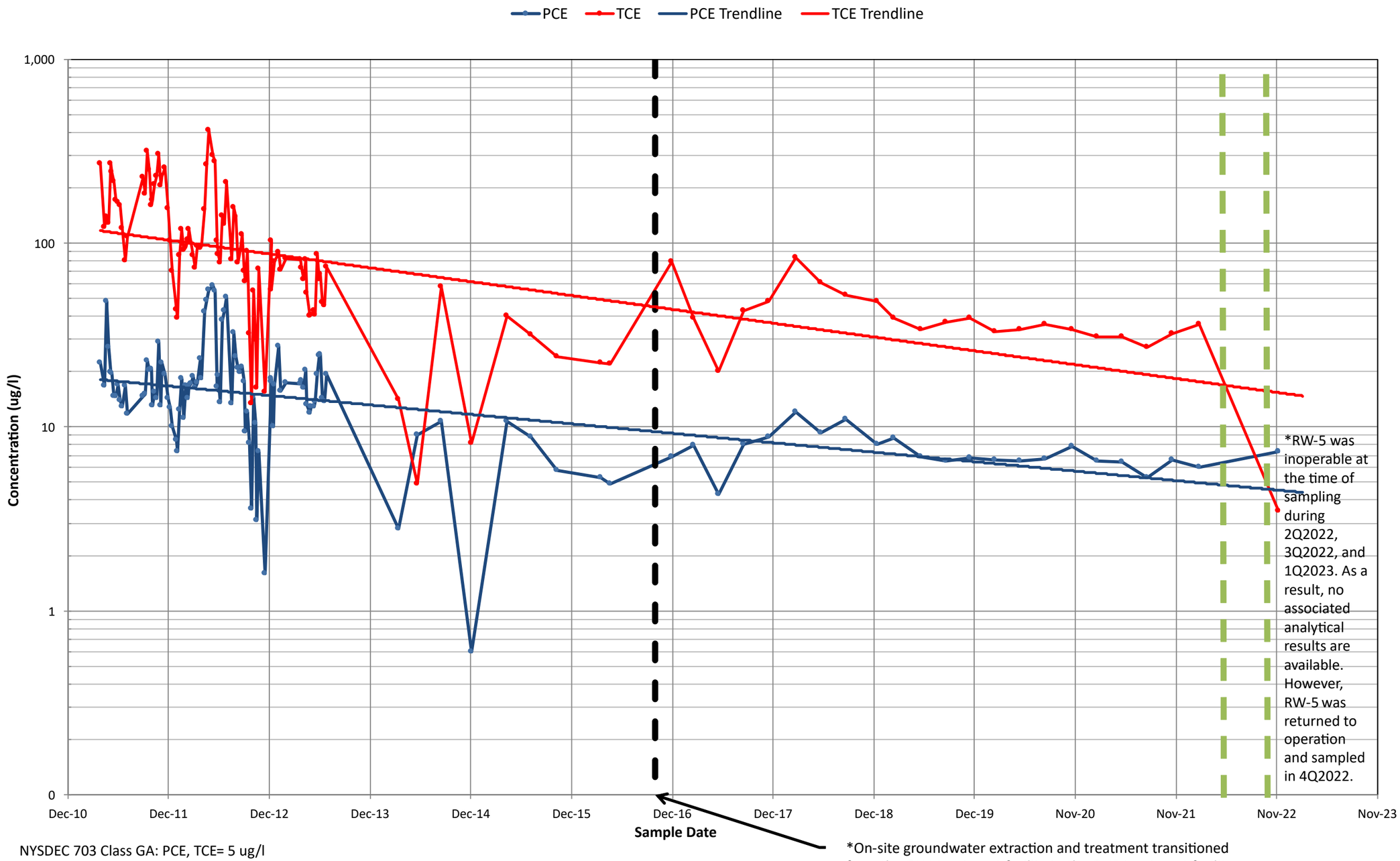
FIGURE 29

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_1Q2023\Claremont_Polychemical_1Q2023.aprx\Fig30-Chlorinated_VOC_RW-5
PROJECT: 1940101703 | DATED: 4/17/2023 | DESIGNER: SSOULE



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

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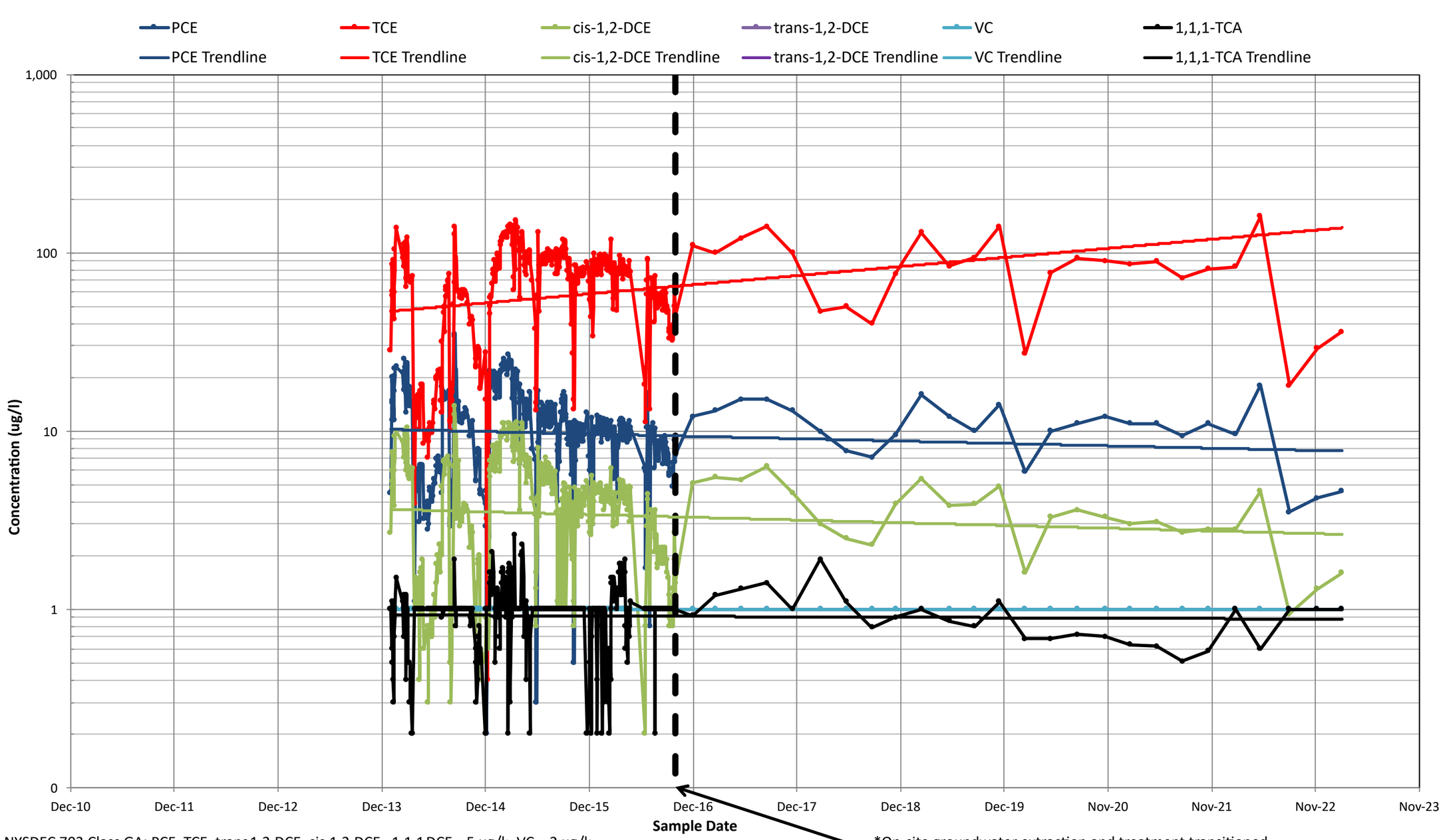
FIGURE 30

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_1Q2023\Claremont_Polychemical_1Q2023.aprx\Fig31-Chlorinated_VOC_OU-5_Influent

PROJECT: 1940101703 | DATED: 4/17/2023 | 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.
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

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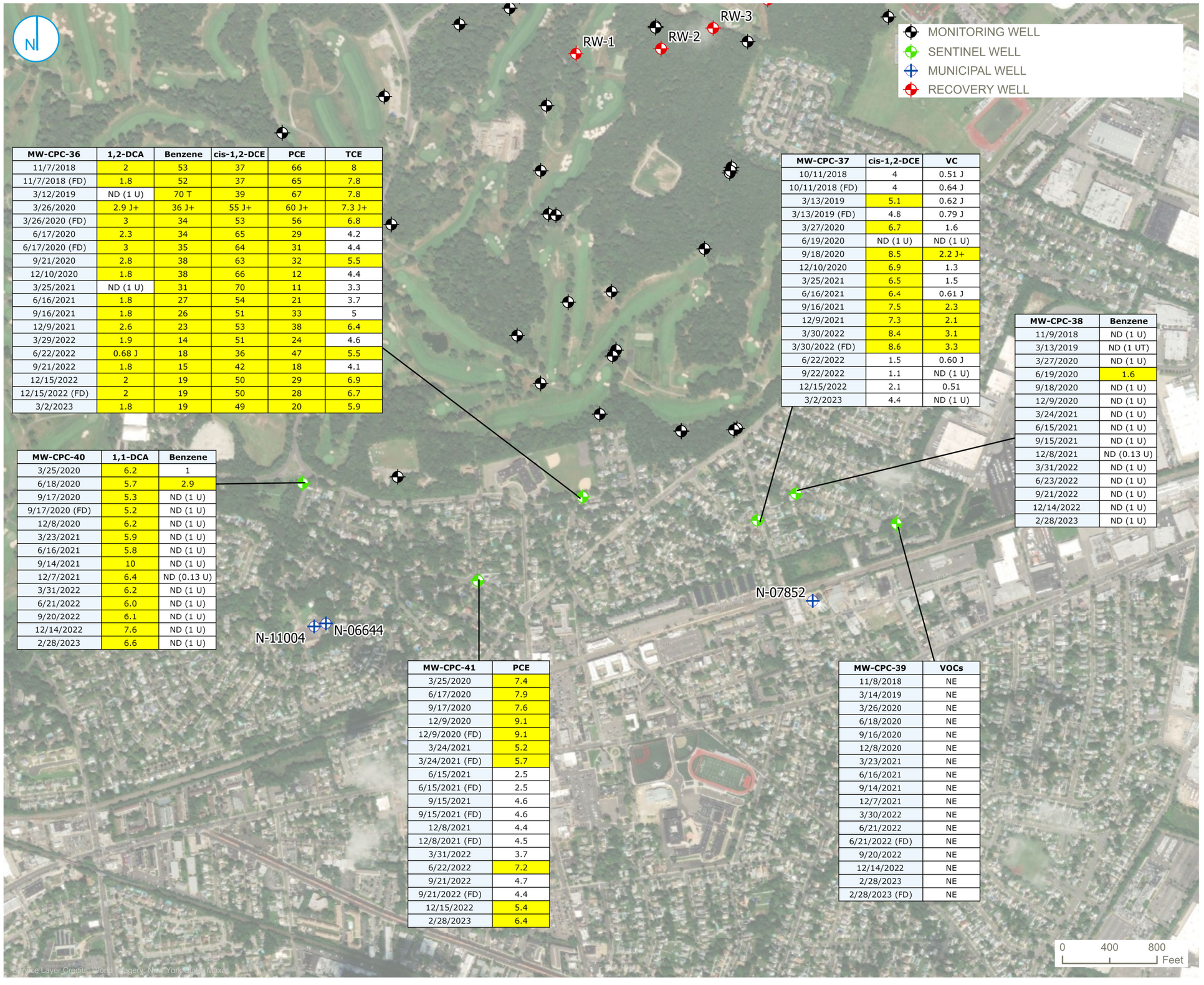
FIGURE 31

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemica_1Q2023\Claremont_Polychemical_1Q2023.aprx\Fig32-VOC_Exceedances_Sentinel

PROJECT: 1940101703 | DATED: 5/8/2023 | DESIGNER: SSOULE



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

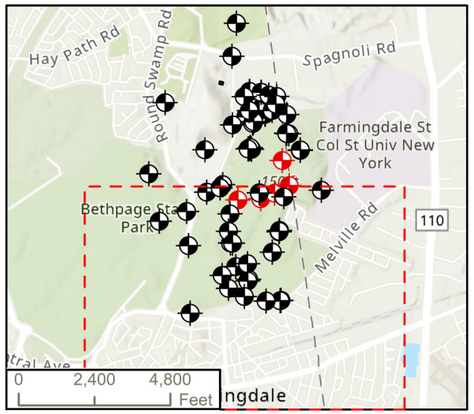
MW-CPC-37	cis-1,2-DCE	VC
10/11/2018	4	0.51 J
10/11/2018 (FD)	4	0.64 J
3/13/2019	5.1	0.62 J
3/13/2019 (FD)	4.8	0.79 J
3/27/2020	6.7	1.6
6/19/2020	ND (1 U)	ND (1 U)
9/18/2020	8.5	2.2 J+
12/10/2020	6.9	1.3
3/25/2021	6.5	1.5
6/16/2021	6.4	0.61 J
9/16/2021	7.5	2.3
12/9/2021	7.3	2.1
3/30/2022	8.4	3.1
3/30/2022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

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)

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)

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

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



Monitoring Well Results Notes:

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

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

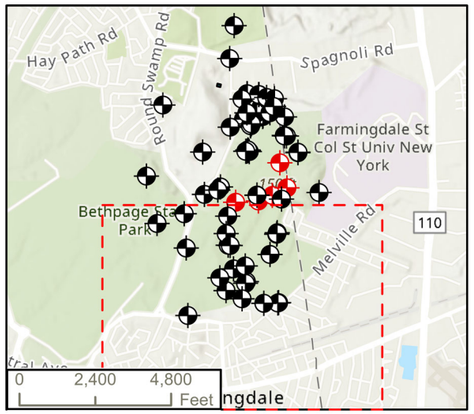
VOC EXCEEDANCES IN SENTINEL WELLS

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

FIGURE 32

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL



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

Monitoring Well Results Notes:
1. 1,4-Dioxane was compared to the NYSDOH Maximum Contaminant Level (MCL) issued August 26, 2020. Criteria shown on table below.
2. Exceedance of relevant criteria indicated by yellow highlighting in the data box on the map.
3. ND indicates non-detect at the detection limit shown.
4. Quarter 3 2021 data has not been validated.
7. All results presented in ug/L.
8. J - Result is estimated. +/- indicates direction of bias.
   U - Result is non-detect.

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

0 350 700
Feet

1,4-DIOXANE EXCEEDANCES IN SENTINEL WELLS

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

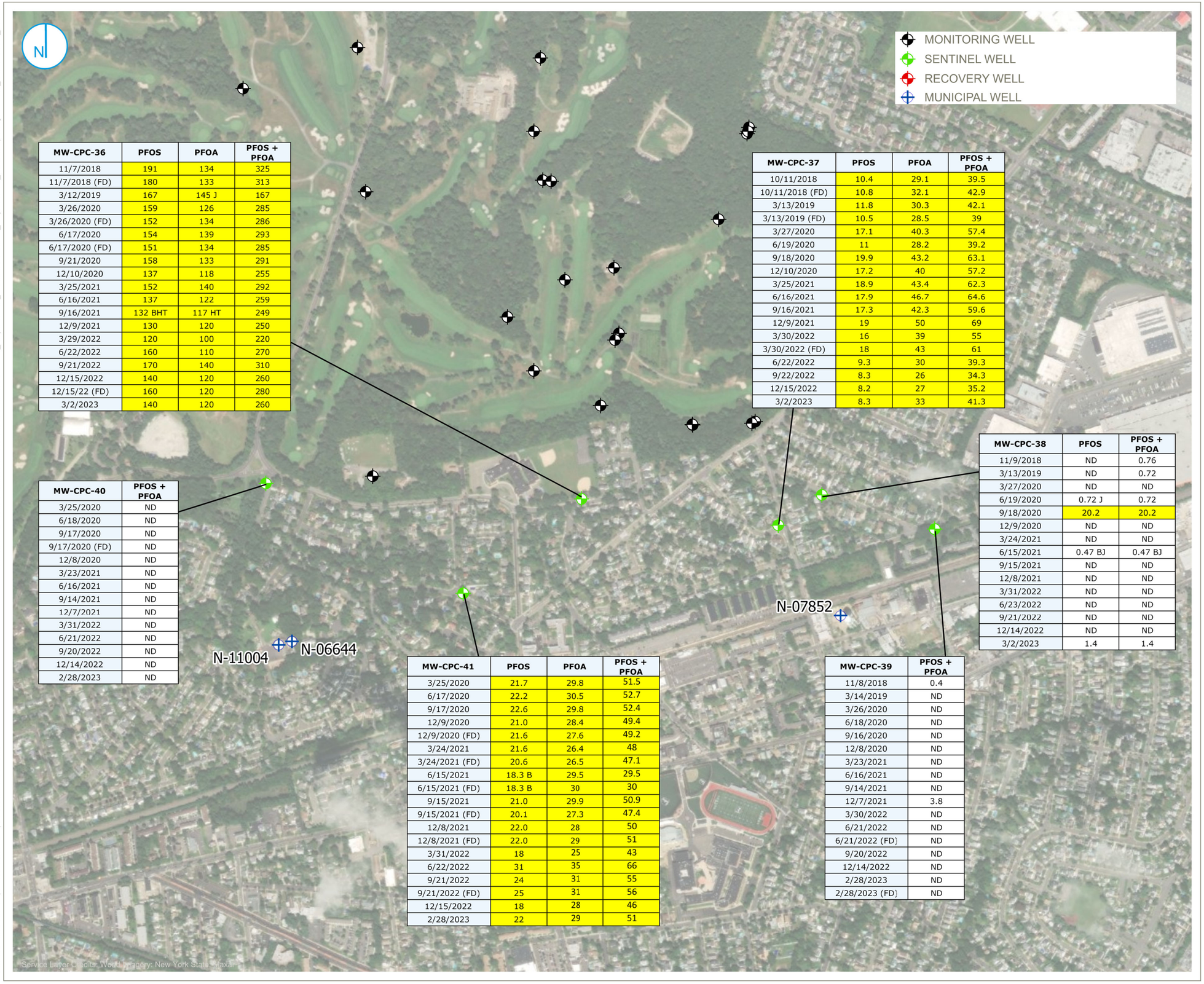
FIGURE 33

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_1Q2023\Claremont_Polychemical_1Q2023.aprx\Fig33-Dioxane_Exceedances_Sentinel

PROJECT: 1940101703 | DATED: 5/8/2023 | DESIGNER: SSOULE



MW-CPC-36	PFOS	PFOA	PFOS + PFOA
11/7/2018	191	134	325
11/7/2018 (FD)	180	133	313
3/12/2019	167	145 J	167
3/26/2020	159	126	285
3/26/2020 (FD)	152	134	286
6/17/2020	154	139	293
6/17/2020 (FD)	151	134	285
9/21/2020	158	133	291
12/10/2020	137	118	255
3/25/2021	152	140	292
6/16/2021	137	122	259
9/16/2021	132 BHT	117 HT	249
12/9/2021	130	120	250
3/29/2022	120	100	220
6/22/2022	160	110	270
9/21/2022	170	140	310
12/15/2022	140	120	260
12/15/22 (FD)	160	120	280
3/2/2023	140	120	260

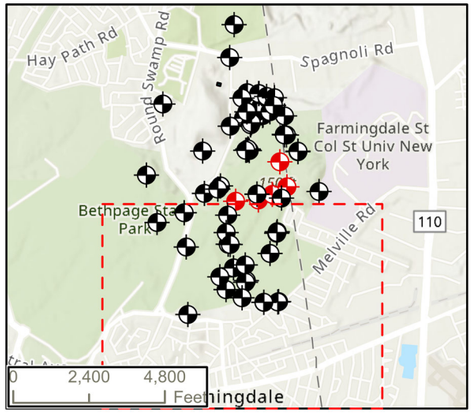
MW-CPC-37	PFOS	PFOA	PFOS + PFOA
10/11/2018	10.4	29.1	39.5
10/11/2018 (FD)	10.8	32.1	42.9
3/13/2019	11.8	30.3	42.1
3/13/2019 (FD)	10.5	28.5	39
3/27/2020	17.1	40.3	57.4
6/19/2020	11	28.2	39.2
9/18/2020	19.9	43.2	63.1
12/10/2020	17.2	40	57.2
3/25/2021	18.9	43.4	62.3
6/16/2021	17.9	46.7	64.6
9/16/2021	17.3	42.3	59.6
12/9/2021	19	50	69
3/30/2022	16	39	55
3/30/2022 (FD)	18	43	61
6/22/2022	9.3	30	39.3
9/22/2022	8.3	26	34.3
12/15/2022	8.2	27	35.2
3/2/2023	8.3	33	41.3

MW-CPC-38	PFOS	PFOS + PFOA
11/9/2018	ND	0.76
3/13/2019	ND	0.72
3/27/2020	ND	ND
6/19/2020	0.72 J	0.72
9/18/2020	20.2	20.2
12/9/2020	ND	ND
3/24/2021	ND	ND
6/15/2021	0.47 BJ	0.47 BJ
9/15/2021	ND	ND
12/8/2021	ND	ND
3/31/2022	ND	ND
6/23/2022	ND	ND
9/21/2022	ND	ND
12/14/2022	ND	ND
3/2/2023	1.4	1.4

MW-CPC-40	PFOS + PFOA
3/25/2020	ND
6/18/2020	ND
9/17/2020	ND
9/17/2020 (FD)	ND
12/8/2020	ND
3/23/2021	ND
6/16/2021	ND
9/14/2021	ND
12/7/2021	ND
3/31/2022	ND
6/21/2022	ND
9/20/2022	ND
12/14/2022	ND
2/28/2023	ND

MW-CPC-41	PFOS	PFOA	PFOS + PFOA
3/25/2020	21.7	29.8	51.5
6/17/2020	22.2	30.5	52.7
9/17/2020	22.6	29.8	52.4
12/9/2020	21.0	28.4	49.4
12/9/2020 (FD)	21.6	27.6	49.2
3/24/2021	21.6	26.4	48
3/24/2021 (FD)	20.6	26.5	47.1
6/15/2021	18.3 B	29.5	29.5
6/15/2021 (FD)	18.3 B	30	30
9/15/2021	21.0	29.9	50.9
9/15/2021 (FD)	20.1	27.3	47.4
12/8/2021	22.0	28	50
12/8/2021 (FD)	22.0	29	51
3/31/2022	18	25	43
6/22/2022	31	35	66
9/21/2022	24	31	55
9/21/2022 (FD)	25	31	56
12/15/2022	18	28	46
2/28/2023	22	29	51

MW-CPC-39	PFOS + PFOA
11/8/2018	0.4
3/14/2019	ND
3/26/2020	ND
6/18/2020	ND
9/16/2020	ND
12/8/2020	ND
3/23/2021	ND
6/16/2021	ND
9/14/2021	ND
12/7/2021	3.8
3/30/2022	ND
6/21/2022	ND
6/21/2022 (FD)	ND
9/20/2022	ND
12/14/2022	ND
2/28/2023	ND
2/28/2023 (FD)	ND



Monitoring Well Results Notes:
1. Individual and summed PFOS/PFOA compound results compared to NYSDOH Title 10 Part 5-1.52 Table 3 (Aug. 26, 2020).
2. Only compounds with exceedances are shown. If the compound is not shown it was not detected above the criteria.
3. Criteria for compounds shown on this figure are presented in the table below.
4. Exceedance of relevant criteria indicated by yellow highlighting in the data box on the map.
5. ND indicates constituents of total are nondetect.
6. Quarter 3 2021 data has not been validated.
7. All results presented in ng/L.
8. 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)	10
Perfluorooctanoic acid (PFOA)	10
Total PFOA & PFOS	10

0 350 700 Feet

PFAS EXCEEDANCES IN SENTINEL WELLS

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

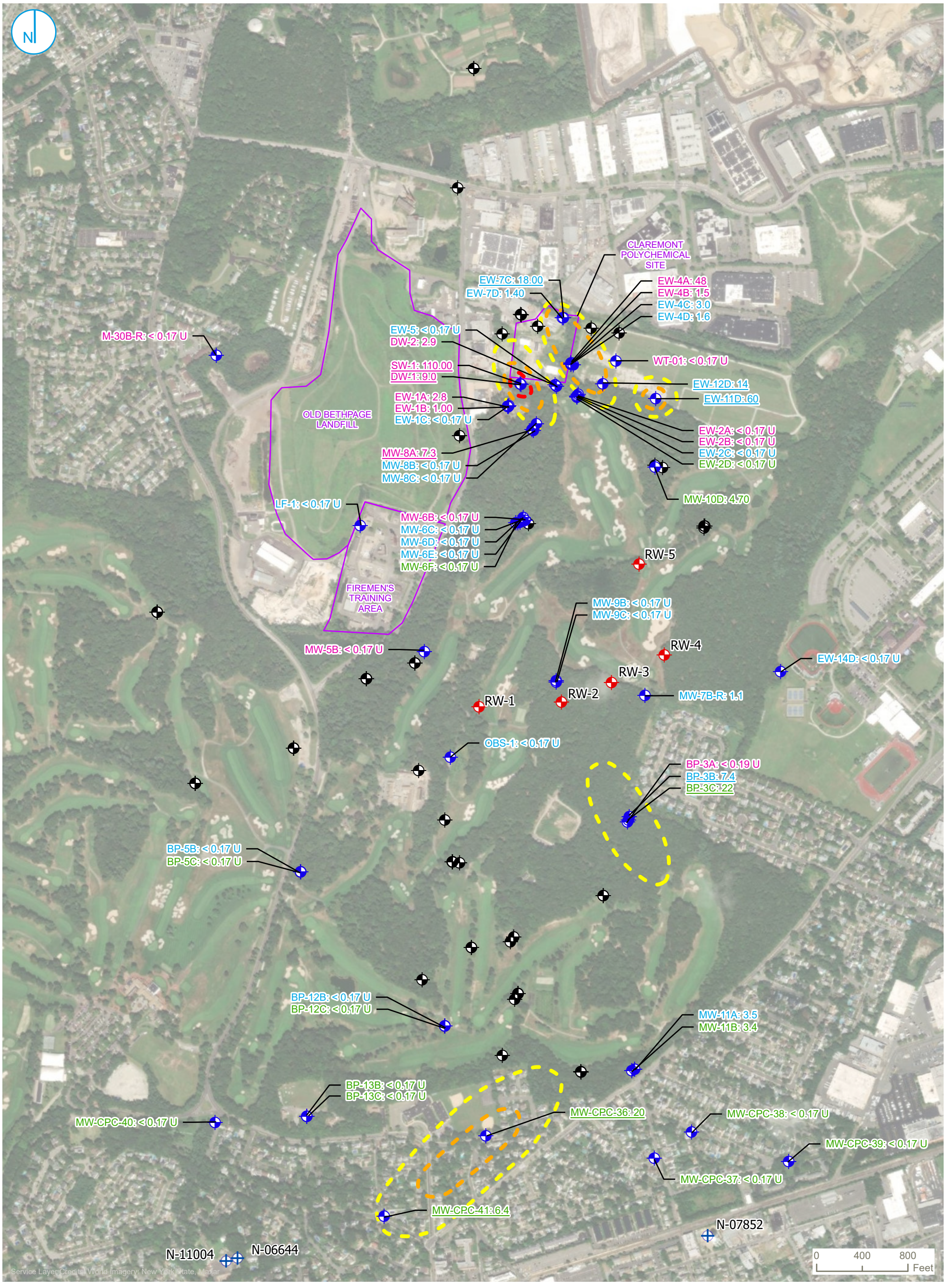
FIGURE 34

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_1Q2023\Claremont_Polychemical_1Q2023.aprx\Fig34-PFAS_Exceedances_Sentinel

PROJECT: 1940101703 | DATED: 5/8/2023 | DESIGNER: SSOULE



SAMPLED MONITORING WELL
UNSAMPLED MONITORING WELL
RECOVERY WELL
MUNICIPAL WELL

PCE CONCENTRATION PLUME
- 5 - 10 ug/L
- 10 - 100 ug/L
- > 100 ug/L

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

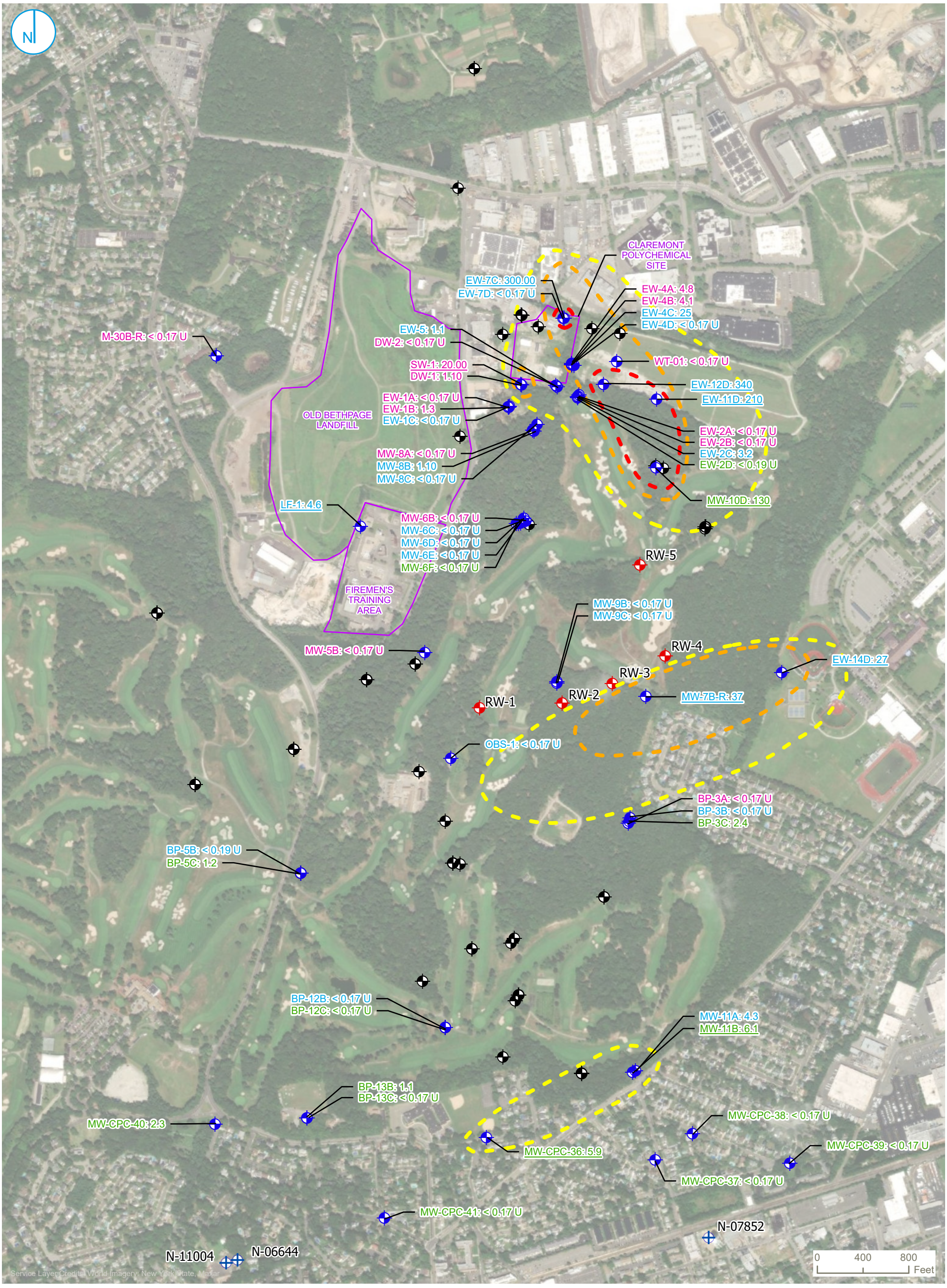
AQUIFER POSITION
UPPER MAGOTHY
MIDDLE MAGOTHY
LOWER MAGOTHY

MARCH 2023 TETRACHLOROETHENE (PCE) PLUME

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

FIGURE 35

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY



SAMPLED MONITORING WELL
UNSAMPLED MONITORING WELL
RECOVERY WELL
MUNICIPAL WELL

TCE CONCENTRATION PLUME
- 5 - 10 ug/L
- 10 - 100 ug/L
- > 100 ug/L

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

AQUIFER POSITION
UPPER MAGOTHY
MIDDLE MAGOTHY
LOWER MAGOTHY

MARCH 2023 TRICHLOROETHENE (TCE) PLUME

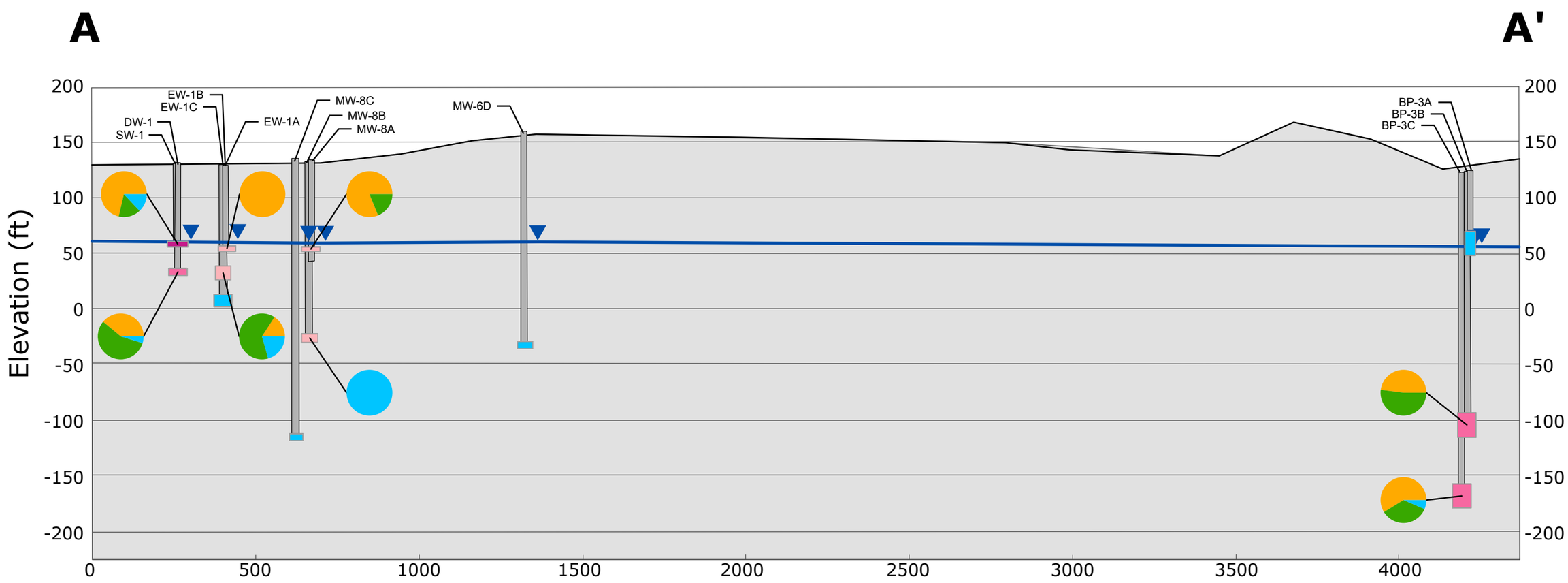
CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

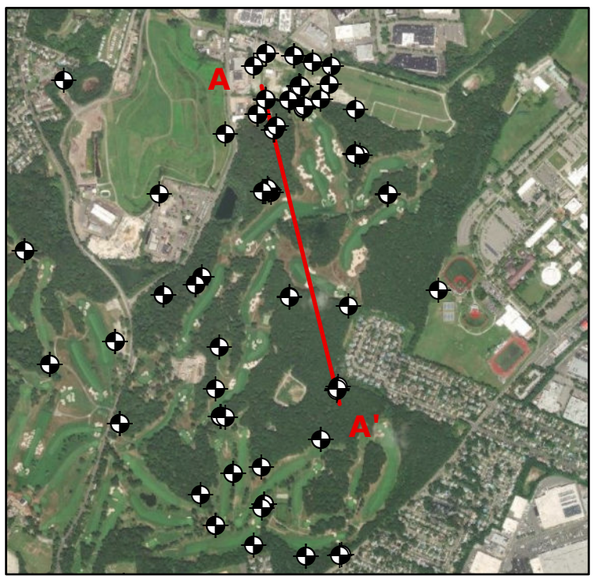
FIGURE 36

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

K:\NYS-DEC.1087815\Standards\GIS\ClaremontPro\Claremont_Polychemical_1Q2023\Claremont_Polychemical_1Q2023.aprx\Fig37-Cross_Section_Transect_A

PROJECT: 1940101703 | DATED: 4/17/2023 | DESIGNER: SSOULE

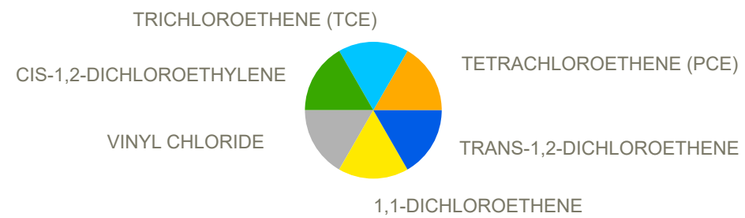




Casing
Screen Interval
Groundwater Elevation (ft amsl)

Sum of CVOCs (ug/L)

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



Notes

- Samples collected during Q1 2023.
- 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

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

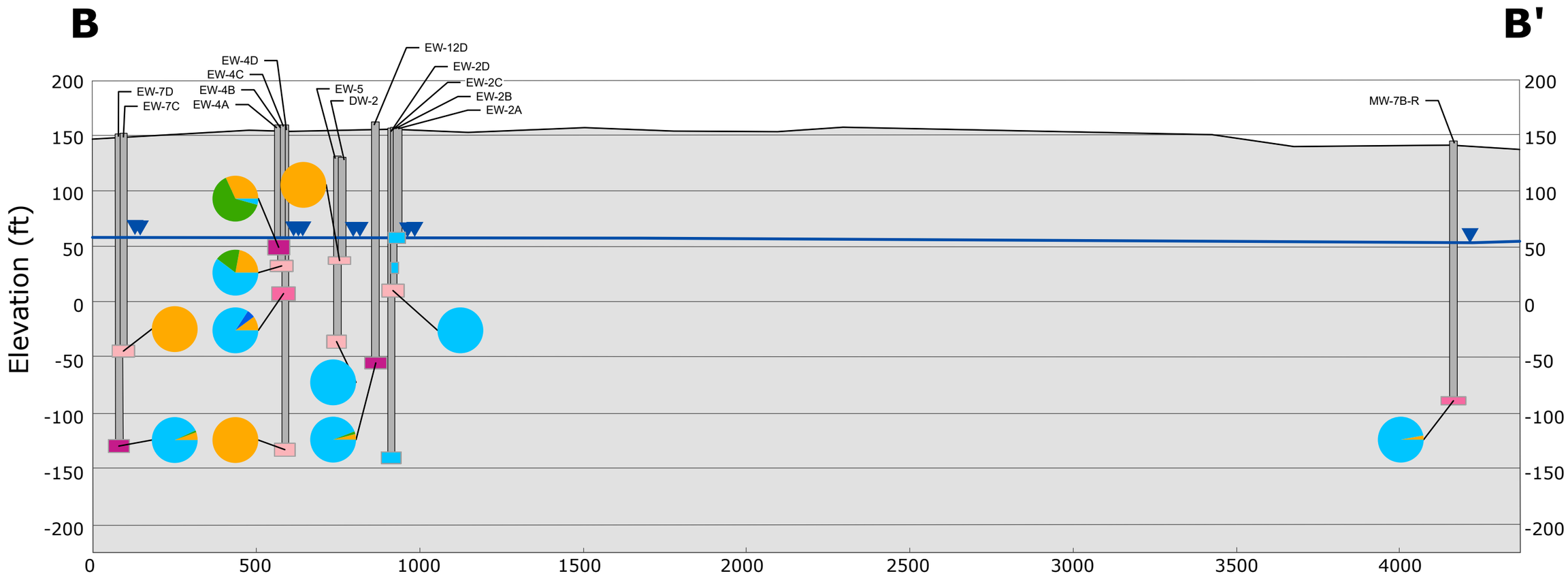
FIGURE 37

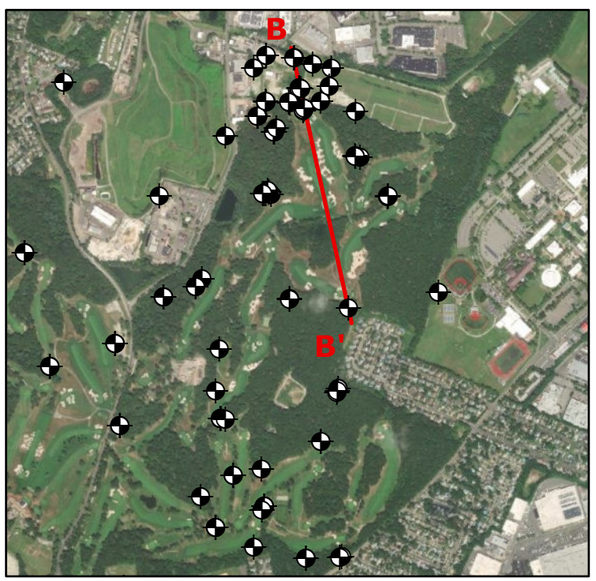
RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_1Q2023\Claremont_Polychemical_1Q2023.aprx\Fig38-Cross_Section_Transect_B

PROJECT: 1940101703 | DATED: 4/17/2023 | DESIGNER: SSOULE

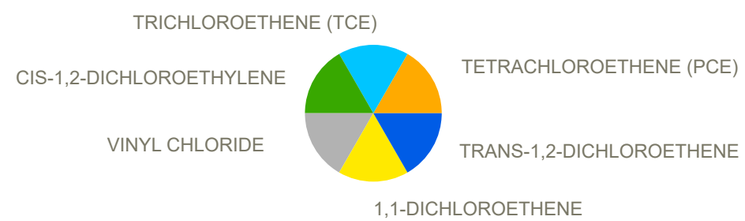




Casing
Screen Interval
Groundwater Elevation (ft amsl)

Sum of CVOCs (ug/L)

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



Notes
- Samples collected during Q1 2023.
- 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.

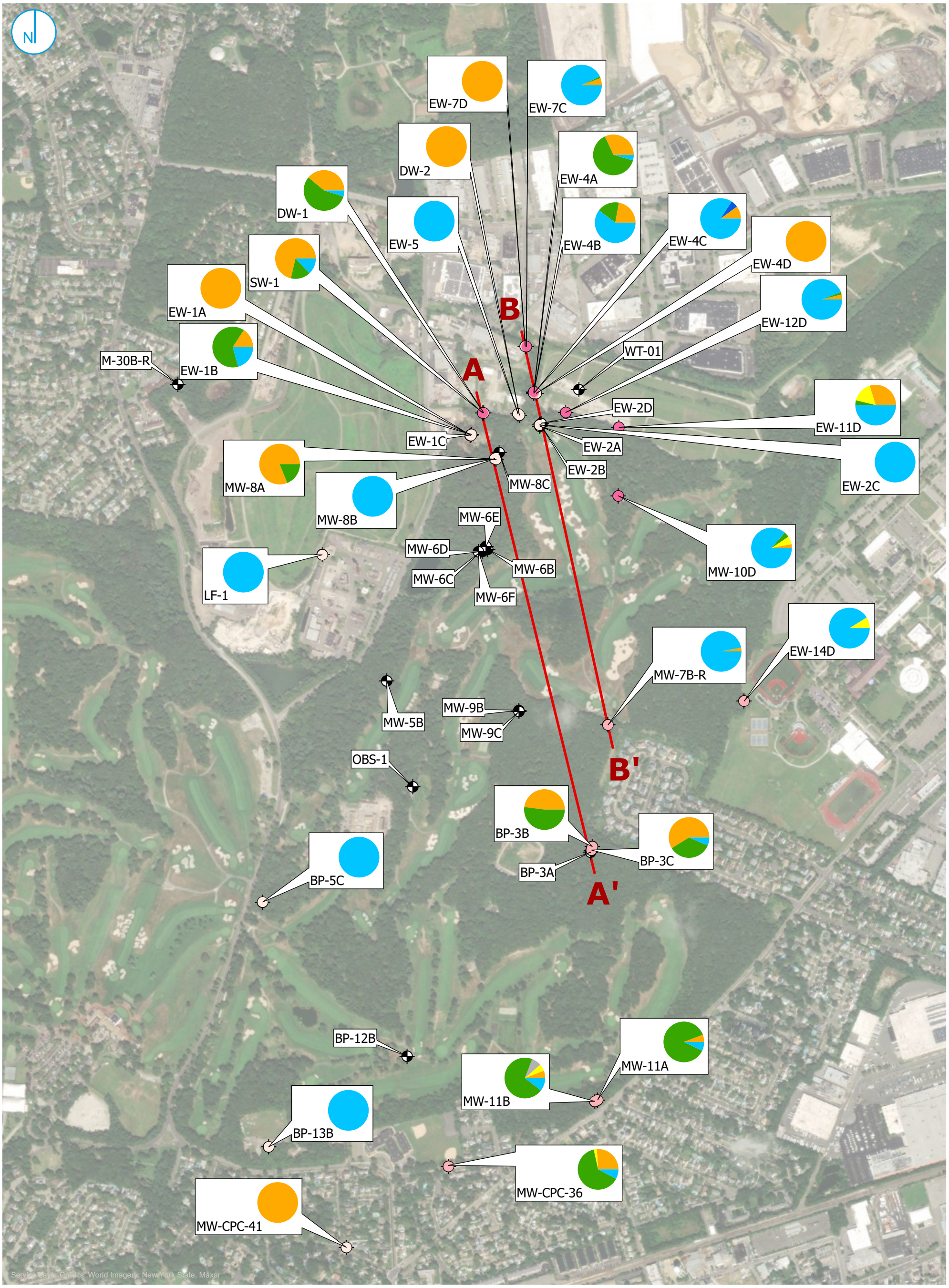
CROSS SECTION TRANSECT B

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

FIGURE 38

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL



Sum of CVOCs (ug/L)

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

Cross Section Transects

TRICHLOROETHENE (TCE)
CIS-1,2-DICHLOROETHYLENE
TETRACHLOROETHENE (PCE)
VINYL CHLORIDE
TRANS-1,2-DICHLOROETHENE
1,1-DICHLOROETHENE

0 400 800 Feet

Notes

- Samples collected during Q1 2023.
- 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
MARCH 1, 2023

Recording Date:			3/1/2023	**Recorded by:**		SH, LB, MF
Well	**4Q 2022 Depth to Water Reading (ft)**	**Time**	**Measuring Point Elevation (ft AMSL)**	**Depth to Water Reading (ft)**	**Water Elevation (ft AMSL)**	**Comments**
BP-1A	49.3	12:33	109.77	48.92	**60.85**	
BP-1B	48.97	12:34	109.53	49.00	**60.53**	
BP-1C	48.66	12:35	109.37	49.20	**60.17**	
BP-2A	89.15	10:34	151	89.31	**61.69**	
BP-2B*	89.33	10:32	151.13	89.49	**61.64**	
BP-3A	65.14	7:33	124.16	66.02	**58.14**	
BP-3B	67.30	7:35	123.19	67.38	**55.81**	
BP-3C	67.49	7:34	123.91	67.56	**56.35**	
BP-4A	35.22	11:06	92.69	35.07	**57.62**	
BP-4B*	34.51	11:05	91.92	34.38	**57.54**	
BP-4C*	34.7	11:03	91.68	34.61	**57.07**	
BP-4I	34.68	11:04	92.1	34.55	**57.55**	
BP-5A	38.62	10:52	96.34	38.44	**57.90**	
BP-5B	38.90	10:26	96.48	38.73	**57.75**	
BP-5C	38.82	10:28	96.28	38.76	**57.52**	
BP-6A	42.6	9:58	102.55	42.51	**60.04**	
BP-6B	43.02	9:59	102.58	42.99	**59.59**	
BP-6C	42.62	10:00	102.35	42.58	**59.77**	
BP-7A	85.37	10:10	147.54	85.39	**62.15**	
BP-7B	86.65	10:08	148.76	86.73	**62.03**	
BP-7C	86.34	10:12	148.4	86.44	**61.96**	
BP-8A	30.25	12:16	89.88	30.07	**59.81**	
BP-8B	29.97	12:14	89.82	28.95	**60.87**	
BP-8C	30.46	12:15	89.53	30.4	**59.13**	
BP-9B*	29.43	11:52	85.09	29.22	**55.87**	
BP-9C*	30.10	11:50	84.88	29.91	**54.97**	
BP-9I	29.50	11:51	85.18	29.27	**55.91**	
BP-10B*	27.07	11:42	81.21	26.91	**54.30**	
BP-10C*	28.20	11:41	80.94	27.91	**53.03**	
BP-11	-	**-**	81.76	**-**	**-**	Well buried
BP-12A*	23.06	10:42	78.33	22.86	**55.47**	
BP-12B	22.99	10:41	78.24	22.86	**55.38**	
BP-12C	24.05	10:40	78.56	23.94	**54.62**	
BP-13B	79.44	10:57	133.37	79.42	**53.95**	
BP-13C	80.29	10:58	133.67	80.26	**53.41**	
BP-14B*	25.6	11:21	81.5	25.41	**56.09**	
BP-14C*	26.03	11:22	81.48	25.84	**55.64**	
BP-15B	42.00	11:32	98.38	41.88	**56.50**	
BP-15C	41.99	11:31	98.45	41.85	**56.60**	
DW-1	67.98	12:56	130.13	68.18	**61.95**	
DW-2	73.75	13:00	135.52	73.94	**61.58**	
EW-1A	66.81	12:25	128.75	66.81	**61.94**	
EW-1B	67.39	12:27	129.31	67.38	**61.93**	
EW-1C	67.32	12:26	129.16	67.52	**61.64**	
EW-2A	94.77	10:01	156.09	95.01	**61.08**	
EW-2B	95.10	**-**	156.5	**-**	**-**	Well inaccessible
EW-2C	95.05	**-**	156.5	**-**	**-**	Well inaccessible
EW-2D	95.74	10:00	157.12	95.92	**61.2**	
EW-3A	98.62	7:49	157.88	98.82	**59.06**	

ATTACHMENT A
CLAREMONT POLYCHEMICAL CORPORATION SITE
WATER LEVEL MEASUREMENTS
MARCH 1, 2023

Recording Date:			3/1/2023	**Recorded by:**		SH, LB, MF
Well	**4Q 2022 Depth to Water Reading (ft)**	**Time**	**Measuring Point Elevation (ft AMSL)**	**Depth to Water Reading (ft)**	**Water Elevation (ft AMSL)**	**Comments**
EW-3B	98.76	7:51	157.99	98.96	**59.03**	
EW-3C	98.64	7:50	157.87	98.84	**59.03**	
EW-4A	98.69	12:09	160.58	98.89	**61.69**	
EW-4B	98.71	12:08	160.59	98.91	**61.68**	
EW-4C	98.49	12:07	160.33	98.69	**61.64**	
EW-4D	98.88	12:06	160.62	99.05	**61.57**	
EW-5	73.25	13:01	135.05	73.36	**61.69**	
EW-6A	66.17	13:16	128.92	66.32	**62.6**	
EW-6C	66.51	13:18	129.02	66.61	**62.41**	
EW-7C	90.12	13:25	152.45	90.30	**62.15**	
EW-7D	90.05	13:26	152.35	90.21	**62.14**	
EW-8D	67.87	14:09	130.21	68.04	**62.17**	
EW-9D	73.89	13:21	136.2	74.05	**62.15**	
EW-10C	97.55	12:12	159.8	97.74	**62.06**	
EW-11D	103.29	11:58	164.17	103.46	**60.71**	
EW-12D	101.83	12:02	163.34	102.18	**61.16**	
EW-13D	102.00	12:15	163.61	102.14	**61.47**	
EW-14D	43.73	11:44	100.58	43.88	**56.7**	
LF-1	47.97	12:51	109.83	48.25	**61.58**	
LF-2	55.37	13:58	117.18	55.61	**61.57**	
M-30BR	89.24	13:48	153.07	89.21	**63.86**	
MW-5B	76.11	10:14	136.99	76.37	**60.62**	
MW-6A	98.23	8:30	158.83	98.59	**60.24**	
MW-6B	98.40	8:31	159.02	98.71	**60.31**	
MW-6C	97.80	8:36	158.65	98.09	**60.56**	
MW-6D	98.43	8:33	159.01	98.72	**60.29**	
MW-6E	98.96	8:40	159.54	99.25	**60.29**	
MW-6F	98.42	8:38	158.71	96.63	**62.08**	
MW-7BR	89.79	7:24	146.27	89.89	**56.38**	
MW-8A	72.16	8:21	133.52	72.35	**61.17**	
MW-8B	71.51	8:22	132.84	71.72	**61.12**	
MW-8C	73.03	8:19	134.27	73.22	**61.05**	
MW-9B	93.76	7:15	151.78	93.92	**57.86**	
MW-9C	94.42	7:18	151.97	94.57	**57.4**	
MW-10B	99.81	9:30	159.9	99.98	**59.92**	
MW-10C	98.85	9:35	158.89	99.01	**59.88**	
MW-10D	99.78	9:36	159.67	99.94	**59.73**	
MW-11A	26.00	11:31	78.71	25.87	**52.84**	
MW-11B	25.81	11:33	78.43	25.68	**52.75**	
MW-CPC-36	23.57	11:09	75.93	23.53	**52.4**	
MW-CPC-37	27.98	11:15	77.87	27.53	**50.34**	
MW-CPC-38	28.85	11:23	78.91	28.35	**50.56**	
MW-CPC-39	25.86	11:19	75.25	26.70	**48.55**	
MW-CPC-40	58.31	10:52	110	58.36	**51.64**	
MW-CPC-41	21.39	11:02	72.6	21.31	**51.29**	
OBS-1	51.28	10:21	109.03	51.30	**57.73**	
OBV-1B	90.76	9:30	157.26	90.91	**66.35**	
OBV-1C	90.47	9:28	156.69	90.56	**66.13**	
ORW-1[a]	**-**	**-**	147.68	**-**	**-**	Vault door jammed

ATTACHMENT A
CLAREMONT POLYCHEMICAL CORPORATION SITE
WATER LEVEL MEASUREMENTS
MARCH 1, 2023

Recording Date:			3/1/2023	**Recorded by:**		SH, LB, MF
Well	**4Q 2022 Depth to Water Reading (ft)**	**Time**	**Measuring Point Elevation (ft AMSL)**	**Depth to Water Reading (ft)**	**Water Elevation (ft AMSL)**	**Comments**
ORW-2[a]	39.93	10:45	97.88	39.89	**57.99**	
ORW-3[a]	34.11	11:11	91.39	34.00	**57.39**	
ORW-4[a]	32.69	11:16	88.88	32.55	**56.33**	
ORW-5A[a]	44.94	10:56	100.38	44.76	**55.62**	
ORW-6[a]	27.85	11:49	83.42	27.37	**56.05**	
ORW-7[a]	21.79	11:56	76.14	21.60	**54.54**	
RB-1	69.55	9:49	135.02	69.63	**65.39**	
SW-1	68.18	12:55	130.24	68.39	**61.85**	
UM-1	-	12:27	115.64	52.86	**62.78**	
U-6A	81.65	**-**	153.94	**-**	**-**	Leak in casing
W-7A	42.03	12:47	104.44	42.18	**62.26**	
W-7B	43	12:46	104.55	43.10	**61.45**	
W-7C	43.20	12:48	104.68	43.29	**61.39**	
W-7D	43.60	12:45	104.58	43.69	**60.89**	
WT-01	101.68	12:20	163.28	101.88	**61.4**	

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

ATTACHMENT B
SUMMARY OF ANALYTICAL RESULTS

Attachment B
Summary of Analytical Results
March 2023 (1Q2023) Sampling Event
Claremont Polychemical Superfund Site OU5
Old Bethpage, NY

			630-20-6	71-55-6	79-34-5	76-13-1	79-00-5	75-34-3	75-35-4	563-58-6	87-61-6	96-18-4	120-82-1	95-63-6	96-12-8	106-93-4	95-50-1	107-06-2	78-87-5	108-70-3	108-67-8	541-73-1
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
			5	5	5	5	1	5	5	5	5	0.04	5	5	0.04	0.0006	3	0.6	1	5	5	3
Sample Description	Date Collected	Sample Type	1,1,1,2-Tetrachloroethane	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1,1,2-TRICHLOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,1-Dichloropropene	1,2,3-TRICHLOROBENZENE	1,2,3-Trichloropropane	1,2,4-TRICHLOROBENZENE	1,2,4-Trimethylbenzene	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,3,5- TRICHLOROBENZENE	1,3,5-Trimethylbenzene	1,3-DICHLOROBENZENE
BP-12B	3/7/2023	N	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
BP-12C	3/7/2023	N	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
BP-13B	3/7/2023	N	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
BP-13C	3/7/2023	N	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
BP-3A	3/6/2023	N	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
BP-3B	3/6/2023	N	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	**1.9**	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
BP-3C	3/6/2023	N	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	**2.5**	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
BP-5B	3/7/2023	N	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
BP-5C	3/7/2023	N	< 1 U	**1.3**	< 0.5 U	< 1 U	< 1 U	**5.0**	**1.8**	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
DW-1	3/7/2023	N	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
DW-2	3/7/2023	N	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
DW-2	3/7/2023	N	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
EW-11D	3/7/2023	N	< 2 U	**13 D**	< 1 U	< 2 U	< 2 U	**3.2 D**	**33 D**	< 4 U	< 10 U	< 4 U	< 2 U	< 2 U	< 10 U	< 1 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
EW-12D	3/7/2023	N	< 4 U	< 4 U	< 2 U	< 4 U	< 4 U	< 4 U	< 4 U	< 8 U	< 20 U	< 8 U	< 4 U	< 4 U	< 20 U	< 2 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
EW-14D	3/7/2023	N	< 1 U	**1.3**	< 0.5 U	< 1 U	< 1 U	< 1 U	**2.3**	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
EW-1A	3/7/2023	N	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
EW-1B	3/7/2023	N	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
EW-1C	3/7/2023	N	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
EW-2A	3/6/2023	N	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
EW-2B	3/6/2023	N	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
EW-2C	3/6/2023	N	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
EW-2D	3/6/2023	N	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
EW-4A	3/7/2023	N	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
EW-4B	3/7/2023	N	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
EW-4C	3/7/2023	N	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
EW-4D	3/7/2023	N	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
EW-5	3/7/2023	N	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
EW-7C	3/7/2023	N	< 4 U	< 4 U	< 2 U	< 4 U	< 4 U	< 4 U	< 4 U	< 8 U	< 20 U	< 8 U	< 4 U	< 4 U	< 20 U	< 2 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
EW-7D	3/7/2023	N	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
LF-1	3/7/2023	N	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
M-30B-R	3/7/2023	N	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
MW-10D	3/6/2023	N	< 2 U	**3.6 D**	< 1 U	< 2 U	< 2 U	**2.2 D**	**9.4 D**	< 4 U	< 10 U	< 4 U	< 2 U	< 2 U	< 10 U	< 1 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
MW-11A	3/7/2023	N	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	**5.3**	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
MW-11B	3/7/2023	N	< 1 U	**3.9**	< 0.5 U	**1.0**	< 1 U	**23**	**3.2**	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
MW-5B	3/6/2023	N	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
MW-6B	3/6/2023	N	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
MW-6C	3/6/2023	N	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
MW-6D	3/6/2023	FD	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
MW-6D	3/6/2023	N	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
MW-6E	3/6/2023	N	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
MW-6F	3/6/2023	N	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
MW-7B-R	3/6/2023	N	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
MW-8A	3/6/2023	N	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
MW-8B	3/6/2023	N	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
MW-8C	3/6/2023	N	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
MW-9B	3/6/2023	N	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
MW-9C	3/6/2023	N	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
MW-CPC-36	2/28/2023	N	< 1 U	**1.3**	< 0.5 U	< 1 U	< 1 U	< 1 U	**1.9**	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	**1.8**	< 1 U	< 1 U	< 1 U	< 1 U
MW-CPC-37	2/28/2023	N	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	**1.6**	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
MW-CPC-38	2/28/2023	N	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
MW-CPC-39	2/28/2023	FD	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
MW-CPC-39	2/28/2023	N	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
MW-CPC-40	2/28/2023	N	< 1 U	**1.8**	< 0.5 U	< 1 U	< 1 U	**6.6**	**1.8**	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
MW-CPC-41	2/28/2023	N	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
OBS-1	3/6/2023	N	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
SW-1	3/7/2023	N	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
WT-01	3/7/2023	N	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U

Notes:
U - not detected
D - sample was diluted
NC - no criteria
Bold indicates compound detected
Values in yellow cells exceed criteria
Values in shaded cells exceed TOGS 1.1.1 Class GA standard or guidance value.
ug/L - micrograms per liter

Attachment B
Summary of Analytical Results
March 2023 (1Q2023) Sampling Event
Claremont Polychemical Superfund Site OU5
Old Bethpage, NY

			142-28-9	106-46-7	123-91-1	594-20-7	591-78-6	99-87-6	67-64-1	107-13-1	71-43-2	108-86-1	74-97-5	75-27-4	75-25-2	74-83-9	75-15-0	56-23-5	108-90-7	75-00-3	67-66-3	74-87-3
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
			5	3	1	5	50	5	50	5	1	5	5	50	50	5	60	5	5	5	7	5
Sample Description	Date Collected	Sample Type	1,3-Dichloropropane	1,4-DICHLOROBENZENE	1,4-DIOXANE (P-DIOXANE)	2,2-Dichloropropane	2-HEXANONE	4-Isopropyltoluene	ACETONE	Acrylonitrile	BENZENE	Bromobenzene	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE
BP-12B	3/7/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	**69**	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U
BP-12C	3/7/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	< 50 U	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U
BP-13B	3/7/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	**54**	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U
BP-13C	3/7/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	**110**	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U
BP-3A	3/6/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	**170**	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U
BP-3B	3/6/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	**290**	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U
BP-3C	3/6/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	**87**	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U
BP-5B	3/7/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	**79**	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U
BP-5C	3/7/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	**200**	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U
DW-1	3/7/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	**200**	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U
DW-2	3/7/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	**130**	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U
DW-2	3/7/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	**130**	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U
EW-11D	3/7/2023	N	< 1 U	< 2 U	< 100 U	< 2 U	< 20 U	< 2 U	< 100 U	< 10 U	< 2 U	< 2 U	< 2 U	< 1 U	< 2 U	< 4 U	< 10 U	< 10 U	< 2 U	< 4 U	< 4 U	< 4 U
EW-12D	3/7/2023	N	< 2 U	< 4 U	< 200 U	< 4 U	< 40 U	< 4 U	< 200 U	< 20 U	< 4 U	< 4 U	< 4 U	< 2 U	< 4 U	< 8 U	< 20 U	< 20 U	< 4 U	< 8 U	< 8 U	< 8 U
EW-14D	3/7/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	**110**	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U
EW-1A	3/7/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	**320**	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U
EW-1B	3/7/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	**370**	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U
EW-1C	3/7/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	**230**	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U
EW-2A	3/6/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	**160**	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U
EW-2B	3/6/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	**66**	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U
EW-2C	3/6/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	**85**	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U
EW-2D	3/6/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	**200**	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U
EW-4A	3/7/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	**120**	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U
EW-4B	3/7/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	**95**	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U
EW-4C	3/7/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	**86**	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U
EW-4D	3/7/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	**76**	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U
EW-5	3/7/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	**160**	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U
EW-7C	3/7/2023	N	< 2 U	< 4 U	< 200 U	< 4 U	< 40 U	< 4 U	**350 D**	< 20 U	< 4 U	< 4 U	< 4 U	< 2 U	< 4 U	< 8 U	< 20 U	< 20 U	< 4 U	< 8 U	< 8 U	< 8 U
EW-7D	3/7/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	**330**	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U
LF-1	3/7/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	**67**	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U
M-30B-R	3/7/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	**90**	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U
MW-10D	3/6/2023	N	< 1 U	< 2 U	< 100 U	< 2 U	< 20 U	< 2 U	**110 D**	< 10 U	< 2 U	< 2 U	< 2 U	< 1 U	< 2 U	< 4 U	< 10 U	< 10 U	< 2 U	< 4 U	< 4 U	< 4 U
MW-11A	3/7/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	**120**	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U
MW-11B	3/7/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	< 50 U	< 5 U	**1.7**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U
MW-5B	3/6/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	**280**	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U
MW-6B	3/6/2023	N	< 0.5 U	**1.0**	< 50 U	< 1 U	< 10 U	< 1 U	**170**	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	**1.6**	< 2 U	< 2 U	< 2 U
MW-6C	3/6/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	< 50 U	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	**1.5**	< 2 U	< 2 U	< 2 U
MW-6D	3/6/2023	FD	< 0.5 U	**1.2**	< 50 U	< 1 U	< 10 U	< 1 U	**100**	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	**1.3**	< 2 U	< 2 U	< 2 U
MW-6D	3/6/2023	N	< 0.5 U	**1.1**	< 50 U	< 1 U	< 10 U	< 1 U	**110**	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	**1.2**	< 2 U	< 2 U	< 2 U
MW-6E	3/6/2023	N	< 0.5 U	**2.1**	< 50 U	< 1 U	< 10 U	< 1 U	**100**	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	**8.4**	< 2 U	< 2 U	< 2 U
MW-6F	3/6/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	**160**	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U
MW-7B-R	3/6/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	**340**	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U
MW-8A	3/6/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	**110**	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U
MW-8B	3/6/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	**190**	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U
MW-8C	3/6/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	**100**	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U
MW-9B	3/6/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	**110**	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U
MW-9C	3/6/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	< 50 U	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U
MW-CPC-36	2/28/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	< 50 U	< 5 U	**19**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U
MW-CPC-37	2/28/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	< 50 U	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U
MW-CPC-38	2/28/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	< 50 U	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U
MW-CPC-39	2/28/2023	FD	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	< 50 U	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U
MW-CPC-39	2/28/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	< 50 U	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U
MW-CPC-40	2/28/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	< 50 U	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U
MW-CPC-41	2/28/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	< 50 U	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U
OBS-1	3/6/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	< 50 U	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U
SW-1	3/7/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	**330**	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U
WT-01	3/7/2023	N	< 0.5 U	< 1 U	< 50 U	< 1 U	< 10 U	< 1 U	< 50 U	< 5 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U

Notes:
U - not detected
D - sample was diluted
NC - no criteria
Bold indicates compound detected
Values in yellow cells exceed criteria
Values in shaded cells exceed TOGS 1.1.1 Class GA standard or guidance value.
ug/L - micrograms per liter

Attachment B
Summary of Analytical Results
March 2023 (1Q2023) Sampling Event
Claremont Polychemical Superfund Site OU5
Old Bethpage, NY

			156-59-2	10061-01-5	124-48-1	74-95-3	75-71-8	108-20-3	60-29-7	100-41-4	87-68-3	98-82-8	179601-23-1	79-20-9	78-93-3	108-10-1	108-87-2	75-09-2	91-20-3	104-51-8	103-65-1	95-49-8
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
			5	0.4	50	5	5	NC	NC	5	0.5	5	NC	NC	50	NC	NC	5	10	5	5	5
Sample Description	Date Collected	Sample Type	Cis-1,2-Dichloroethylene	CIS-1,3-DICHLOROPROPENE	DIBROMOCHLOROMETHANE	Dibromomethane	DICHLORODIFLUOROMETHANE	DIISOPROPYL ETHER	Ethyl ether	ETHYLBENZENE	Hexachlorobutadiene	Isopropylbenzene (Cumene)	M,P-XYLENES	METHYL ACETATE	METHYL ETHYL KETONE (2-BUTANONE)	METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	METHYLCYCLOHEXANE	METHYLENE CHLORIDE	Naphthalene	n-Butylbenzene	n-Propylbenzene	o-Chlorotoluene
BP-12B	3/7/2023	N	< 1 U	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
BP-12C	3/7/2023	N	< 1 U	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
BP-13B	3/7/2023	N	< 1 U	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
BP-13C	3/7/2023	N	< 1 U	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
BP-3A	3/6/2023	N	< 1 U	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
BP-3B	3/6/2023	N	**8.0**	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
BP-3C	3/6/2023	N	**13**	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
BP-5B	3/7/2023	N	< 1 U	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
BP-5C	3/7/2023	N	< 1 U	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
DW-1	3/7/2023	N	**13**	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
DW-2	3/7/2023	N	< 1 U	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
DW-2	3/7/2023	N	< 1 U	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
EW-11D	3/7/2023	N	**7.4 D**	< 1 U	< 1 U	< 2 U	< 4 U	< 1 U	< 4 U	< 2 U	< 1.2 U	< 2 U	< 4 U	< 2 U	< 40 U	< 20 U	< 2 U	< 10 U	< 4 U	< 2 U	< 2 U	< 2 U
EW-12D	3/7/2023	N	**7.1 D**	< 2 U	< 2 U	< 4 U	< 8 U	< 2 U	< 8 U	< 4 U	< 2.4 U	< 4 U	< 8 U	< 4 U	< 80 U	< 40 U	< 4 U	< 20 U	< 8 U	< 4 U	< 4 U	< 4 U
EW-14D	3/7/2023	N	< 1 U	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
EW-1A	3/7/2023	N	< 1 U	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
EW-1B	3/7/2023	N	**4.0**	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
EW-1C	3/7/2023	N	< 1 U	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
EW-2A	3/6/2023	N	< 1 U	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
EW-2B	3/6/2023	N	< 1 U	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
EW-2C	3/6/2023	N	< 1 U	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
EW-2D	3/6/2023	N	< 1 U	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
EW-4A	3/7/2023	N	**70**	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
EW-4B	3/7/2023	N	**1.2**	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
EW-4C	3/7/2023	N	< 1 U	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
EW-4D	3/7/2023	N	< 1 U	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
EW-5	3/7/2023	N	< 1 U	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
EW-7C	3/7/2023	N	**4.2 D**	< 2 U	< 2 U	< 4 U	< 8 U	< 2 U	< 8 U	< 4 U	< 2.4 U	< 4 U	< 8 U	< 4 U	< 80 U	< 40 U	< 4 U	< 20 U	< 8 U	< 4 U	< 4 U	< 4 U
EW-7D	3/7/2023	N	< 1 U	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
LF-1	3/7/2023	N	< 1 U	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
M-30B-R	3/7/2023	N	< 1 U	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
MW-10D	3/6/2023	N	**6.6 D**	< 1 U	< 1 U	< 2 U	< 4 U	< 1 U	< 4 U	< 2 U	< 1.2 U	< 2 U	< 4 U	< 2 U	< 40 U	< 20 U	< 2 U	< 10 U	< 4 U	< 2 U	< 2 U	< 2 U
MW-11A	3/7/2023	N	**53**	< 0.5 U	< 0.5 U	< 1 U	**2.0**	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
MW-11B	3/7/2023	N	**41**	< 0.5 U	< 0.5 U	< 1 U	**2.7**	< 0.5 U	**9.7**	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
MW-5B	3/6/2023	N	< 1 U	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
MW-6B	3/6/2023	N	< 1 U	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
MW-6C	3/6/2023	N	< 1 U	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
MW-6D	3/6/2023	FD	< 1 U	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	**1.8**	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
MW-6D	3/6/2023	N	< 1 U	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	**1.8**	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
MW-6E	3/6/2023	N	< 1 U	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
MW-6F	3/6/2023	N	< 1 U	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
MW-7B-R	3/6/2023	N	< 1 U	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
MW-8A	3/6/2023	N	**1.7**	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
MW-8B	3/6/2023	N	< 1 U	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
MW-8C	3/6/2023	N	< 1 U	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
MW-9B	3/6/2023	N	< 1 U	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
MW-9C	3/6/2023	N	< 1 U	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
MW-CPC-36	2/28/2023	N	**49**	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
MW-CPC-37	2/28/2023	N	**4.4**	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
MW-CPC-38	2/28/2023	N	< 1 U	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
MW-CPC-39	2/28/2023	FD	< 1 U	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
MW-CPC-39	2/28/2023	N	< 1 U	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
MW-CPC-40	2/28/2023	N	< 1 U	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
MW-CPC-41	2/28/2023	N	< 1 U	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
OBS-1	3/6/2023	N	< 1 U	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
SW-1	3/7/2023	N	**24**	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
WT-01	3/7/2023	N	< 1 U	< 0.5 U	< 0.5 U	< 1 U	< 2 U	< 0.5 U	< 2 U	< 1 U	< 0.6 U	< 1 U	< 2 U	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U

Notes:
U - not detected
D - sample was diluted
NC - no criteria
Bold indicates compound detected
Values in yellow cells exceed criteria
Values in shaded cells exceed TOGS 1.1.1 Class GA standard or guidance value.
ug/L - micrograms per liter

Attachment B
Summary of Analytical Results
March 2023 (1Q2023) Sampling Event
Claremont Polychemical Superfund Site OU5
Old Bethpage, NY

			95-47-6	106-43-4	135-98-8	100-42-5	75-65-0	994-05-8	637-92-3	1634-04-4	98-06-6	127-18-4	109-99-9	108-88-3	156-60-5	10061-02-6	110-57-6	79-01-6	75-69-4	75-01-4
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
			5	5	5	5	NC	NC	NC	10	5	5	50	5	5	0.4	5	5	5	2
Sample Description	Date Collected	Sample Type	O-XYLENE (1,2-DIMETHYLBENZENE)	p-Chlorotoluene	sec-Butylbenzene	STYRENE	t- Butyl alcohol	Tert-Amyl Methyl Ether	Tert-Butyl Ethyl Ether	TERT-BUTYL METHYL ETHER	Tert-Butylbenzene	TETRACHLOROETHYLENE(PCE)	Tetrahydrofuran	TOLUENE	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRANS-1,4-DICHLOROBUTENE	TRICHLOROETHYLENE (TCE)	TRICHLOROFLUOROMETHANE	VINYL CHLORIDE
BP-12B	3/7/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	< 1 U	< 2 U	< 2 U
BP-12C	3/7/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	< 1 U	< 2 U	< 2 U
BP-13B	3/7/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	**1.1**	< 2 U	< 2 U
BP-13C	3/7/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	< 1 U	< 2 U	< 2 U
BP-3A	3/6/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	< 1 U	< 2 U	< 2 U
BP-3B	3/6/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	**7.4**	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	< 1 U	< 2 U	< 2 U
BP-3C	3/6/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	**22**	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	**2.4**	< 2 U	< 2 U
BP-5B	3/7/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	< 1 U	< 2 U	< 2 U
BP-5C	3/7/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	**1.2**	< 2 U	< 2 U
DW-1	3/7/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	**9.0**	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	**1.1**	< 2 U	< 2 U
DW-2	3/7/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	**2.9**	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	< 1 U	< 2 U	< 2 U
DW-2	3/7/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	**2.8**	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	< 1 U	< 2 U	< 2 U
EW-11D	3/7/2023	N	< 2 U	< 2 U	< 2 U	< 2 U	< 40 U	< 1 U	< 1 U	< 2 U	< 2 U	**60 D**	< 20 U	< 2 U	< 2 U	< 1 U	< 4 U	**210 D**	< 4 U	< 4 U
EW-12D	3/7/2023	N	< 4 U	< 4 U	< 4 U	< 4 U	< 80 U	< 2 U	< 2 U	< 4 U	< 4 U	**14 D**	< 40 U	< 4 U	< 4 U	< 2 U	< 8 U	**340 D**	< 8 U	< 8 U
EW-14D	3/7/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	**27**	< 2 U	< 2 U
EW-1A	3/7/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	**2.8**	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	< 1 U	< 2 U	< 2 U
EW-1B	3/7/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	**1.0**	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	**1.3**	< 2 U	< 2 U
EW-1C	3/7/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	< 1 U	< 2 U	< 2 U
EW-2A	3/6/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	**0.60**	< 0.5 U	< 1 U	< 1 U	< 1 U	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	< 1 U	< 2 U	< 2 U
EW-2B	3/6/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	< 1 U	< 2 U	< 2 U
EW-2C	3/6/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	**3.2**	< 2 U	< 2 U
EW-2D	3/6/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	< 1 U	< 2 U	< 2 U
EW-4A	3/7/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	**35**	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	**4.8**	< 2 U	< 2 U
EW-4B	3/7/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	**1.5**	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	**4.1**	< 2 U	< 2 U
EW-4C	3/7/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	**3.0**	< 10 U	< 1 U	**1.7**	< 0.5 U	< 2 U	**25**	< 2 U	< 2 U
EW-4D	3/7/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	**1.6**	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	< 1 U	< 2 U	< 2 U
EW-5	3/7/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	**1.1**	< 2 U	< 2 U
EW-7C	3/7/2023	N	< 4 U	< 4 U	< 4 U	< 4 U	< 80 U	< 2 U	< 2 U	< 4 U	< 4 U	**18 D**	< 40 U	< 4 U	< 4 U	< 2 U	< 8 U	**300 D**	< 8 U	< 8 U
EW-7D	3/7/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	**1.4**	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	< 1 U	< 2 U	< 2 U
LF-1	3/7/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	**26**	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	**4.6**	< 2 U	< 2 U
M-30B-R	3/7/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	< 1 U	< 2 U	< 2 U
MW-10D	3/6/2023	N	< 2 U	< 2 U	< 2 U	< 2 U	< 40 U	< 1 U	< 1 U	< 2 U	< 2 U	**4.7 D**	< 20 U	< 2 U	< 2 U	< 1 U	< 4 U	**130 D**	< 4 U	< 4 U
MW-11A	3/7/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	**3.5**	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	**4.3**	< 2 U	< 2 U
MW-11B	3/7/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	**3.4**	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	**6.1**	< 2 U	**4.5**
MW-5B	3/6/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	< 1 U	< 2 U	< 2 U
MW-6B	3/6/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	< 1 U	< 2 U	< 2 U
MW-6C	3/6/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	< 1 U	< 2 U	< 2 U
MW-6D	3/6/2023	FD	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	< 1 U	< 2 U	< 2 U
MW-6D	3/6/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	< 1 U	< 2 U	< 2 U
MW-6E	3/6/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	< 1 U	< 2 U	< 2 U
MW-6F	3/6/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	< 1 U	< 2 U	< 2 U
MW-7B-R	3/6/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	**1.1**	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	**37**	< 2 U	< 2 U
MW-8A	3/6/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	**7.3**	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	< 1 U	< 2 U	< 2 U
MW-8B	3/6/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	**1.1**	< 2 U	< 2 U
MW-8C	3/6/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	< 1 U	< 2 U	< 2 U
MW-9B	3/6/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	< 1 U	< 2 U	< 2 U
MW-9C	3/6/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	< 1 U	< 2 U	< 2 U
MW-CPC-36	2/28/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	**20**	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	**5.9**	< 2 U	< 2 U
MW-CPC-37	2/28/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	< 1 U	< 2 U	< 2 U
MW-CPC-38	2/28/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	< 1 U	< 2 U	< 2 U
MW-CPC-39	2/28/2023	FD	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	< 1 U	< 2 U	< 2 U
MW-CPC-39	2/28/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	< 1 U	< 2 U	< 2 U
MW-CPC-40	2/28/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	**2.3**	< 2 U	< 2 U
MW-CPC-41	2/28/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	**6.4**	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	< 1 U	< 2 U	< 2 U
OBS-1	3/6/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	< 1 U	< 2 U	< 2 U
SW-1	3/7/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	**110**	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	**20**	< 2 U	< 2 U
WT-01	3/7/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 20 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 10 U	< 1 U	< 1 U	< 0.5 U	< 2 U	< 1 U	< 2 U	< 2 U

Notes:
U - not detected
D - sample was diluted
NC - no criteria
Bold indicates compound detected
Values in yellow cells exceed criteria
Values in shaded cells exceed TOGS 1.1.1 Class GA standard or guidance value.
ug/L - micrograms per liter

ATTACHMENT B1
SUMMARY OF EMERGING CONTAMINANT SAMPLES

Attachment B1
Summary of Analytical Results
February 2023 (1Q2023) Sampling Event
Claremont Polychemical Superfund Site OU5
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-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	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	2,3,3,3-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)	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	N-ethyl perfluoro-1-octanesulfonamide
MW-CPC-36	2/28/2023	N		< 3.8 U	**15**	**37**	< 9.5 U	< 9.5 U	< 0.95 U	< 3.8 U	< 48 U	< 48 U	< 9.5 U	< 3.8 U	< 3.8 U	< 0.95 U
MW-CPC-37	2/28/2023	N		< 3.6 U	< 3.6 U	**200**	< 8.9 U	< 8.9 U	< 0.89 U	< 3.6 U	< 45 U	< 45 U	< 8.9 U	< 3.6 U	< 3.6 U	< 0.89 U
MW-CPC-38	2/28/2023	N		< 3.8 U	< 3.8 U	< 3.8 U	< 9.5 U	< 9.5 U	**1.4**	< 3.8 U	**55**	< 48 U	< 9.5 U	< 3.8 U	< 3.8 U	< 0.95 U
MW-CPC-39	2/28/2023	FD		< 3.5 U	< 3.5 U	< 3.5 U	< 8.9 U	< 8.9 U	< 0.89 U	< 3.5 U	< 44 U	< 44 U	< 8.9 U	< 3.5 U	< 3.5 U	< 0.89 U
MW-CPC-39	2/28/2023	N		< 4.2 U	< 4.2 U	< 4.2 U	< 10 U	< 10 U	< 1 U	< 4.2 U	< 52 U	< 52 U	< 10 U	< 4.2 U	< 4.2 U	< 1 U
MW-CPC-40	2/28/2023	N		< 3.9 U	< 3.9 U	< 3.9 U	< 9.8 U	< 9.8 U	< 0.98 U	< 3.9 U	< 49 U	< 49 U	< 9.8 U	< 3.9 U	< 3.9 U	< 0.98 U
MW-CPC-41	2/28/2023	N		< 4 U	< 4 U	< 4 U	< 10 U	< 10 U	< 1 U	< 4 U	< 50 U	< 50 U	< 10 U	< 4 U	< 4 U	< 1 U

Notes:
U - not detected
NC - no criteria
NA - not analyzed
Bold indicates compound detected
Values in yellow cells exceed criteria
(b) NYSDOH Drinking Water Program PFOA and PFOS MCL (August 26, 2020)
(c) NYSDOH Drinking Water Program 1,4-Dioxane MCL (August 26, 2020)
ng/L - nanograms per liter
ug/L - micrograms per liter
PF-22 - Qualifier ion ratio >150% of associated calibration. Detection is suspect.
B - Analyte is found in the associated laboratory blank as well as in the sample.
B-07 - Data is not affected by elevated level in laboratory blank since sample result is >10x level found in the blank.

Attachment B1
Summary of Analytical Results
February 2023 (1Q2023) Sampling Event
Claremont Polychemical Superfund Site OU5
Old Bethpage, NY

			CAS RN:	2991-50-6	31506-32-8	151772-58-6	113507-82-7	377-73-1	863090-89-5	375-73-5	375-22-4	335-77-3	335-76-2	79780-39-5	307-55-1	375-92-8
			Unit:	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l
			Criteria:							100						
			Sample Description:													
Sample Description	Date Collected	Sample Type		N-Ethyl-N-((heptadecafluorooctyl)sulphonyl) glycine	N- methyl perfluoro-1-octanesulfonamide	Nonafluoro-3,6-dioxaheptanoic acid	Perfluoro(2-ethoxyethane)sulfonic acid	Perfluoro-3-methoxypropanoic acid	Perfluoro-4-methoxybutanoic acid	PERFLUOROBUTANESULFONIC ACID	PERFLUOROBUTYRIC ACID (PFBA)	PERFLUORODECANE SULFONIC ACID	PERFLUORODECANOIC ACID (PFDA)	Perfluorododecane sulfonate (PFDoDS)	PERFLUORODODECANOIC ACID (PFDoA)	PERFLUOROHEPTANE SULFONATE (PFHpS)
MW-CPC-36	2/28/2023	N		< 0.95 U	< 0.95 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	**6.2**	**29**	< 0.95 U	**3.3**	< 0.95 U	< 0.95 U	**2.7**
MW-CPC-37	2/28/2023	N		< 0.89 U	< 0.89 U	< 1.8 U	< 1.8 U	< 1.8 U	< 1.8 U	**2.3**	**13**	< 0.89 U	**2.6**	< 0.89 U	< 0.89 U	< 0.89 U
MW-CPC-38	2/28/2023	N		< 0.95 U	< 0.95 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 0.95 U	< 3.8 U	< 0.95 U	< 0.95 U	< 0.95 U	< 0.95 U	< 0.95 U
MW-CPC-39	2/28/2023	FD		< 0.89 U	< 0.89 U	< 1.8 U	< 1.8 U	< 1.8 U	< 1.8 U	< 0.89 U	< 3.5 U	< 0.89 U	< 0.89 U	< 0.89 U	< 0.89 U	< 0.89 U
MW-CPC-39	2/28/2023	N		< 1 U	< 1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 1 U	< 4.2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
MW-CPC-40	2/28/2023	N		< 0.98 U	< 0.98 U	< 2 U	< 2 U	< 2 U	< 2 U	< 0.98 U	< 3.9 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U
MW-CPC-41	2/28/2023	N		< 1 U	< 1 U	< 2 U	< 2 U	< 2 U	< 2 U	**2.7**	**17**	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U

Notes:
U - not detected
NC - no criteria
NA - not analyzed
Bold indicates compound detected
Values in yellow cells exceed criteria
(b) NYSDOH Drinking Water Program PFOA and PFOS MCL (August 26, 2020)
(c) NYSDOH Drinking Water Program 1,4-Dioxane MCL (August 26, 2020)
ng/L - nanograms per liter
ug/L - micrograms per liter
PF-22 - Qualifier ion ratio >150% of associated calibration. Detection is suspect.
B - Analyte is found in the associated laboratory blank as well as in the sample.
B-07 - Data is not affected by elevated level in laboratory blank since sample result is >10x level found in the blank.

Attachment B1
Summary of Analytical Results
February 2023 (1Q2023) Sampling Event
Claremont Polychemical Superfund Site OU5
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					10	10						100	70	NC	1
		Sample Description:							(c.)	(c.)							(b.)		(c.)
Sample Description	Date Collected	Sample Type	Perfluoroheptanoic Acid (PFHpA)	PERFLUOROHEXANESULFONIC ACID	PERFLUOROHEXANOIC ACID (PFHxA)	Perfluorononanesulfonic Acid (PFNS)	PERFLUORONONANOIC ACID	Perfluorooctane Sulfonamide (FOSA)	PERFLUOROOCTANE SULFONIC ACID (PFOS)	Perfluorooctanoic acid (PFOA)	Perfluoropentanesulfonic Acid (PFPeS)	PERFLUOROPENTANOIC ACID (PFPeA)	PERFLUOROTETRADECANOIC ACID (PFTeA)	PERFLUOROTRIDECANOIC ACID (PFTrA)	PERFLUOROUNDECANOIC ACID (PFUnA)	Sodium 1H,1H,2H,2H-Perfluorohexane Sulfonate (4:2)	Total PFOA & PFOS	Total PFAS	1,4-DIOXANE (P-DIOXANE)
MW-CPC-36	2/28/2023	N	**36**	**34**	**49**	< 0.95 U	**380**	< 0.95 U	**140**	**120**	**6.1**	**50**	< 0.95 U	< 0.95 U	**3.2**	< 3.8 U	**260**	**867.2**	**9.5**
MW-CPC-37	2/28/2023	N	**5.1**	**3.5**	**16**	< 0.89 U	**1.8**	< 0.89 U	**8.3**	**33**	**2**	**5.8**	< 0.89 U	< 0.89 U	< 0.89 U	< 3.6 U	**41.3**	**93.4**	**29**
MW-CPC-38	2/28/2023	N	< 0.95 U	< 0.95 U	< 0.95 U	< 0.95 U	< 0.95 U	< 0.95 U	**1.4**	< 0.95 U	< 0.95 U	< 1.9 U	< 0.95 U	< 0.95 U	< 0.95 U	< 3.8 U	<1.8	**56.4**	**0.71**
MW-CPC-39	2/28/2023	FD	< 0.89 U	< 0.89 U	< 0.89 U	< 0.89 U	< 0.89 U	< 0.89 U	< 0.89 U	< 0.89 U	< 0.89 U	< 1.8 U	< 0.89 U	< 0.89 U	< 0.89 U	< 3.5 U	<4.2	<4.2	< 0.19 U
MW-CPC-39	2/28/2023	N	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2.1 U	< 1 U	< 1 U	< 1 U	< 4.2 U	<1.9	<1.9	< 0.2 U
MW-CPC-40	2/28/2023	N	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 2 U	< 0.98 U	< 0.98 U	< 0.98 U	< 3.9 U	<1.8	<1.8	**2.4**
MW-CPC-41	2/28/2023	N	**14**	**8.6**	**24**	< 1 U	**98**	< 1 U	**22**	**29**	**2**	**35**	< 1 U	< 1 U	< 1 U	< 4 U	**51**	**252.3**	**3.7**

Notes:
U - not detected
NC - no criteria
NA - not analyzed
Bold indicates compound detected
Values in yellow cells exceed criteria
(b) NYSDOH Drinking Water Program PFOA and PFOS MCL (August 26, 2020)
(c) NYSDOH Drinking Water Program 1,4-Dioxane MCL (August 26, 2020)
ng/L - nanograms per liter
ug/L - micrograms per liter
PF-22 - Qualifier ion ratio >150% of associated calibration. Detection is suspect.
B - Analyte is found in the associated laboratory blank as well as in the sample.
B-07 - Data is not affected by elevated level in laboratory blank since sample result is >10x level found in the blank.

ATTACHMENT C
LABORATORY DATA DELIVERABLES

con-test®
A Pace Analytical® Laboratory

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

April 3, 2023

Payson Long
NYDEC_Ramboll US Consulting, Inc. - Syracuse
333 West Washington Street, PO Box 4873
Syracuse, NY 13221

Project Location: Old Bethpage, New York
Client Job Number:
Project Number: 130015
Laboratory Work Order Number: 23C0479

Enclosed are results of analyses for samples as received by the laboratory on March 3, 2023. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kyle A. Murray
Project Manager

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

NYDEC_Ramboll US Consulting, Inc. - Syracuse
333 West Washington Street, PO Box 4873
Syracuse, NY 13221
ATTN: Payson Long

REPORT DATE: 4/3/2023

PURCHASE ORDER NUMBER: 144165

PROJECT NUMBER: 130015

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 23C0479

The results of analyses performed on the following samples submitted to CON-TEST, a Pace Analytical Laboratory, are found in this report.

PROJECT LOCATION: Old Bethpage, New York

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW-CPC-39-16-374-20230228-0	23C0479-01	Water		Draft Method 1633	
MW-CPC-39-16-374-20230228-1	23C0479-02	Water		Draft Method 1633	
MW-CPC-39-16-374-20230228-2	23C0479-03	Water		Draft Method 1633	
MW-CPC-40-16-312-20230228-0	23C0479-04	Water		Draft Method 1633	
MW-CPC-41-16-258-20230228-0	23C0479-05	Water		Draft Method 1633	
MW-CPC-38-16-391-20230301-0	23C0479-06	Water		Draft Method 1633	
MW-CPC-36-16-251-20230302-0	23C0479-07	Water		Draft Method 1633	
MW-CPC-37-16-445-20230302-0	23C0479-08	Water		Draft Method 1633	

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CASE NARRATIVE SUMMARY

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

Draft Method 1633

Qualifications:

B-07

Data is not affected by elevated level in laboratory blank since sample result is >10x level found in the blank.

Analyte & Samples(s) Qualified:

Perfluorobutanoic acid (PFBA)
23C0479-05[MW-CPC-41-16-258-20230228-0], 23C0479-07[MW-CPC-36-16-251-20230302-0], 23C0479-08[MW-CPC-37-16-445-20230302-0]

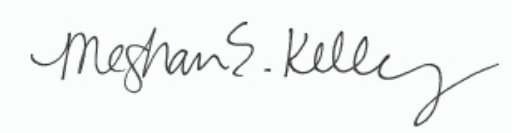
Z-01

Detection in method blank >1/3 MRL

Analyte & Samples(s) Qualified:

Perfluorobutanoic acid (PFBA)
B333636-BLK1

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



Meghan E. Kelley
Reporting Specialist

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0479

Date Received: 3/3/2023

Field Sample #: MW-CPC-39-16-374-20230228-0 | Sampled: 2/28/2023 09:25

Sample ID: 23C0479-01

Sample Matrix: 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	4.2	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:38	BLM
Perfluoropentanoic acid (PFPeA)	ND	2.1	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:38	BLM
Perfluorohexanoic acid (PFHxA)	ND	1.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:38	BLM
Perfluoroheptanoic acid (PFHpA)	ND	1.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:38	BLM
Perfluorooctanoic acid (PFOA)	ND	1.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:38	BLM
Perfluorononanoic acid (PFNA)	ND	1.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:38	BLM
Perfluorodecanoic acid (PFDA)	ND	1.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:38	BLM
Perfluoroundecanoic acid (PFUnA)	ND	1.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:38	BLM
Perfluorododecanoic acid (PFDoA)	ND	1.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:38	BLM
Perfluorotridecanoic acid (PFTrDA)	ND	1.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:38	BLM
Perfluorotetradecanoic acid (PFTeDA)	ND	1.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:38	BLM
Perfluorobutanesulfonic acid (PFBS)	ND	1.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:38	BLM
Perfluoropetanesulfonic acid (PFPeS)	ND	1.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:38	BLM
Perfluorohexanesulfonic acid (PFHxS)	ND	1.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:38	BLM
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:38	BLM
Perfluorooctanesulfonic acid (PFOS)	ND	1.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:38	BLM
Perfluorononanesulfonic acid (PFNS)	ND	1.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:38	BLM
Perfluorodecanesulfonic acid (PFDS)	ND	1.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:38	BLM
Perfluorododecanesulfonic acid (PFDoS)	ND	1.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:38	BLM
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	4.2	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:38	BLM
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	4.2	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:38	BLM
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	4.2	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:38	BLM
Perfluorooctanesulfonamide (PFOSA)	ND	1.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:38	BLM
N-methyl perfluoroocatnesulfonamide (NMeFOSA)	ND	1.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:38	BLM
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	1.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:38	BLM
N-MeFOSAA (NMeFOSAA)	ND	1.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:38	BLM
N-EtFOSAA (NEtFOSAA)	ND	1.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:38	BLM
N-methylperfluorooctanesulfonamidoethanol(NMeFOSE)	ND	10	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:38	BLM
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	10	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:38	BLM
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	4.2	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:38	BLM
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	4.2	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:38	BLM
9Cl-PF3ONS (F53B Minor)	ND	4.2	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:38	BLM
11Cl-PF3OUdS (F53B Major)	ND	4.2	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:38	BLM
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	ND	10	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:38	BLM
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	ND	52	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:38	BLM
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	ND	52	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:38	BLM
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.1	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:38	BLM
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	2.1	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:38	BLM

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0479

Date Received: 3/3/2023

Field Sample #: MW-CPC-39-16-374-20230228-0 | Sampled: 2/28/2023 09:25

Sample ID: 23C0479-01

Sample Matrix: 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	2.1	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:38	BLM
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.1	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:38	BLM

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
13C4-PFBA	82.0	20-150		3/24/23 21:38
13C5-PFPeA	87.1	20-150		3/24/23 21:38
13C5-PFHxA	87.6	20-150		3/24/23 21:38
13C4-PFHpA	87.2	20-150		3/24/23 21:38
13C8-PFOA	83.3	20-150		3/24/23 21:38
13C9-PFNA	86.4	20-150		3/24/23 21:38
13C6-PFDA	84.5	20-150		3/24/23 21:38
13C7-PFUnA	81.1	20-150		3/24/23 21:38
13C2-PFDoA	77.9	20-150		3/24/23 21:38
13C2-PFTeDA	83.4	20-150		3/24/23 21:38
13C3-PFBS	83.4	20-150		3/24/23 21:38
13C3-PFHxS	83.7	20-150		3/24/23 21:38
13C8-PFOS	82.5	20-150		3/24/23 21:38
13C2-4:2FTS	92.7	20-150		3/24/23 21:38
13C2-6:2FTS	77.3	20-150		3/24/23 21:38
13C2-8:2FTS	74.2	20-150		3/24/23 21:38
13C8-PFOSA	85.3	20-150		3/24/23 21:38
D3-NMeFOSA	67.8	20-150		3/24/23 21:38
D5-NEtFOSA	68.8	20-150		3/24/23 21:38
D3-NMeFOSAA	75.1	20-150		3/24/23 21:38
D5-NEtFOSAA	76.8	20-150		3/24/23 21:38
D7-NMeFOSE	85.1	20-150		3/24/23 21:38
D9-NEtFOSE	82.1	20-150		3/24/23 21:38
13C3-HFPO-DA	90.9	20-150		3/24/23 21:38

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0479

Date Received: 3/3/2023

Field Sample #: MW-CPC-39-16-374-20230228-0 | Sampled: 2/28/2023 09:25

Sample ID: 23C0479-01

Sample Matrix: Water

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Total Suspended Solids	ND	10	mg/L	1		Draft Method 1633	3/6/23	3/6/23 13:33	LL

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0479

Date Received: 3/3/2023

Field Sample #: MW-CPC-39-16-374-20230228-1 | Sampled: 2/28/2023 00:00

Sample ID: 23C0479-02

Sample Matrix: 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	3.5	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:54	BLM
Perfluoropentanoic acid (PFPeA)	ND	1.8	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:54	BLM
Perfluorohexanoic acid (PFHxA)	ND	0.89	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:54	BLM
Perfluoroheptanoic acid (PFHpA)	ND	0.89	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:54	BLM
Perfluorooctanoic acid (PFOA)	ND	0.89	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:54	BLM
Perfluorononanoic acid (PFNA)	ND	0.89	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:54	BLM
Perfluorodecanoic acid (PFDA)	ND	0.89	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:54	BLM
Perfluoroundecanoic acid (PFUnA)	ND	0.89	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:54	BLM
Perfluorododecanoic acid (PFDoA)	ND	0.89	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:54	BLM
Perfluorotridecanoic acid (PFTrDA)	ND	0.89	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:54	BLM
Perfluorotetradecanoic acid (PFTeDA)	ND	0.89	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:54	BLM
Perfluorobutanesulfonic acid (PFBS)	ND	0.89	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:54	BLM
Perfluoropetanesulfonic acid (PFPeS)	ND	0.89	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:54	BLM
Perfluorohexanesulfonic acid (PFHxS)	ND	0.89	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:54	BLM
Perfluoroheptanesulfonic acid (PFHpS)	ND	0.89	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:54	BLM
Perfluorooctanesulfonic acid (PFOS)	ND	0.89	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:54	BLM
Perfluorononanesulfonic acid (PFNS)	ND	0.89	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:54	BLM
Perfluorodecanesulfonic acid (PFDS)	ND	0.89	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:54	BLM
Perfluorododecanesulfonic acid (PFDoS)	ND	0.89	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:54	BLM
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	3.5	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:54	BLM
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	3.5	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:54	BLM
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	3.5	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:54	BLM
Perfluorooctanesulfonamide (PFOSA)	ND	0.89	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:54	BLM
N-methyl perfluoroocatnesulfonamide (NMeFOSA)	ND	0.89	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:54	BLM
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	0.89	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:54	BLM
N-MeFOSAA (NMeFOSAA)	ND	0.89	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:54	BLM
N-EtFOSAA (NEtFOSAA)	ND	0.89	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:54	BLM
N-methylperfluorooctanesulfonamidoethanol(NMeFOSE)	ND	8.9	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:54	BLM
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	8.9	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:54	BLM
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	3.5	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:54	BLM
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	3.5	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:54	BLM
9Cl-PF3ONS (F53B Minor)	ND	3.5	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:54	BLM
11Cl-PF3OUdS (F53B Major)	ND	3.5	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:54	BLM
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	ND	8.9	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:54	BLM
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	ND	44	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:54	BLM
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	ND	44	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:54	BLM
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:54	BLM
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	1.8	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:54	BLM

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0479

Date Received: 3/3/2023

Field Sample #: MW-CPC-39-16-374-20230228-1 | Sampled: 2/28/2023 00:00

Sample ID: 23C0479-02

Sample Matrix: 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	1.8	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:54	BLM
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8	ng/L	1		Draft Method 1633	3/10/23	3/24/23 21:54	BLM

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
13C4-PFBA	80.5	20-150		3/24/23 21:54
13C5-PFPeA	83.9	20-150		3/24/23 21:54
13C5-PFHxA	82.7	20-150		3/24/23 21:54
13C4-PFHpA	82.8	20-150		3/24/23 21:54
13C8-PFOA	81.0	20-150		3/24/23 21:54
13C9-PFNA	82.0	20-150		3/24/23 21:54
13C6-PFDA	81.7	20-150		3/24/23 21:54
13C7-PFUnA	80.6	20-150		3/24/23 21:54
13C2-PFDoA	74.6	20-150		3/24/23 21:54
13C2-PFTeDA	78.8	20-150		3/24/23 21:54
13C3-PFBS	83.2	20-150		3/24/23 21:54
13C3-PFHxS	81.4	20-150		3/24/23 21:54
13C8-PFOS	76.8	20-150		3/24/23 21:54
13C2-4:2FTS	94.9	20-150		3/24/23 21:54
13C2-6:2FTS	74.6	20-150		3/24/23 21:54
13C2-8:2FTS	71.0	20-150		3/24/23 21:54
13C8-PFOSA	79.8	20-150		3/24/23 21:54
D3-NMeFOSA	60.2	20-150		3/24/23 21:54
D5-NEtFOSA	60.6	20-150		3/24/23 21:54
D3-NMeFOSAA	71.0	20-150		3/24/23 21:54
D5-NEtFOSAA	72.7	20-150		3/24/23 21:54
D7-NMeFOSE	74.1	20-150		3/24/23 21:54
D9-NEtFOSE	71.7	20-150		3/24/23 21:54
13C3-HFPO-DA	87.8	20-150		3/24/23 21:54

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0479

Date Received: 3/3/2023

Field Sample #: MW-CPC-39-16-374-20230228-1 | Sampled: 2/28/2023 00:00

Sample ID: 23C0479-02

Sample Matrix: Water

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Total Suspended Solids	ND	10	mg/L	1		Draft Method 1633	3/6/23	3/6/23 13:33	LL

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0479

Date Received: 3/3/2023

Field Sample #: MW-CPC-39-16-374-20230228-2 | Sampled: 2/28/2023 10:05

Sample ID: 23C0479-03

Sample Matrix: 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	4.6	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:10	BLM
Perfluoropentanoic acid (PFPeA)	ND	2.3	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:10	BLM
Perfluorohexanoic acid (PFHxA)	ND	1.2	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:10	BLM
Perfluoroheptanoic acid (PFHpA)	ND	1.2	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:10	BLM
Perfluorooctanoic acid (PFOA)	ND	1.2	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:10	BLM
Perfluorononanoic acid (PFNA)	ND	1.2	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:10	BLM
Perfluorodecanoic acid (PFDA)	ND	1.2	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:10	BLM
Perfluoroundecanoic acid (PFUnA)	ND	1.2	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:10	BLM
Perfluorododecanoic acid (PFDoA)	ND	1.2	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:10	BLM
Perfluorotridecanoic acid (PFTrDA)	ND	1.2	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:10	BLM
Perfluorotetradecanoic acid (PFTeDA)	ND	1.2	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:10	BLM
Perfluorobutanesulfonic acid (PFBS)	ND	1.2	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:10	BLM
Perfluoropetanesulfonic acid (PFPeS)	ND	1.2	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:10	BLM
Perfluorohexanesulfonic acid (PFHxS)	ND	1.2	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:10	BLM
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.2	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:10	BLM
Perfluorooctanesulfonic acid (PFOS)	ND	1.2	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:10	BLM
Perfluorononanesulfonic acid (PFNS)	ND	1.2	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:10	BLM
Perfluorodecanesulfonic acid (PFDS)	ND	1.2	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:10	BLM
Perfluorododecanesulfonic acid (PFDoS)	ND	1.2	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:10	BLM
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	4.6	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:10	BLM
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	4.6	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:10	BLM
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	4.6	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:10	BLM
Perfluorooctanesulfonamide (PFOSA)	ND	1.2	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:10	BLM
N-methyl perfluoroocatnesulfonamide (NMeFOSA)	ND	1.2	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:10	BLM
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	1.2	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:10	BLM
N-MeFOSAA (NMeFOSAA)	ND	1.2	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:10	BLM
N-EtFOSAA (NEtFOSAA)	ND	1.2	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:10	BLM
N-methylperfluorooctanesulfonamidoethanol(NMeFOSE)	ND	12	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:10	BLM
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	12	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:10	BLM
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	4.6	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:10	BLM
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	4.6	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:10	BLM
9Cl-PF3ONS (F53B Minor)	ND	4.6	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:10	BLM
11Cl-PF3OUdS (F53B Major)	ND	4.6	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:10	BLM
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	ND	12	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:10	BLM
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	ND	58	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:10	BLM
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	ND	58	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:10	BLM
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.3	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:10	BLM
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	2.3	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:10	BLM

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0479

Date Received: 3/3/2023

Field Sample #: MW-CPC-39-16-374-20230228-2 | Sampled: 2/28/2023 10:05

Sample ID: 23C0479-03

Sample Matrix: 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	2.3	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:10	BLM
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.3	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:10	BLM

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
13C4-PFBA	74.8	20-150		3/24/23 22:10
13C5-PFPeA	80.1	20-150		3/24/23 22:10
13C5-PFHxA	78.5	20-150		3/24/23 22:10
13C4-PFHpA	81.2	20-150		3/24/23 22:10
13C8-PFOA	79.4	20-150		3/24/23 22:10
13C9-PFNA	79.5	20-150		3/24/23 22:10
13C6-PFDA	77.6	20-150		3/24/23 22:10
13C7-PFUnA	80.3	20-150		3/24/23 22:10
13C2-PFDoA	73.5	20-150		3/24/23 22:10
13C2-PFTeDA	74.9	20-150		3/24/23 22:10
13C3-PFBS	79.4	20-150		3/24/23 22:10
13C3-PFHxS	77.1	20-150		3/24/23 22:10
13C8-PFOS	76.8	20-150		3/24/23 22:10
13C2-4:2FTS	85.4	20-150		3/24/23 22:10
13C2-6:2FTS	69.9	20-150		3/24/23 22:10
13C2-8:2FTS	68.2	20-150		3/24/23 22:10
13C8-PFOSA	76.7	20-150		3/24/23 22:10
D3-NMeFOSA	59.8	20-150		3/24/23 22:10
D5-NEtFOSA	61.8	20-150		3/24/23 22:10
D3-NMeFOSAA	69.5	20-150		3/24/23 22:10
D5-NEtFOSAA	69.8	20-150		3/24/23 22:10
D7-NMeFOSE	75.5	20-150		3/24/23 22:10
D9-NEtFOSE	70.6	20-150		3/24/23 22:10
13C3-HFPO-DA	82.6	20-150		3/24/23 22:10

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

Project Location: Old Bethpage, New York Sample Description: Work Order: 23C0479

Date Received: 3/3/2023

Field Sample #: MW-CPC-39-16-374-20230228-2 Sampled: 2/28/2023 10:05

Sample ID: 23C0479-03

Sample Matrix: Water

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Total Suspended Solids	ND	10	mg/L	1		Draft Method 1633	3/6/23	3/6/23 13:33	LL

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0479

Date Received: 3/3/2023

Field Sample #: MW-CPC-40-16-312-20230228-0 | Sampled: 2/28/2023 11:50

Sample ID: 23C0479-04

Sample Matrix: 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	3.9	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:25	BLM
Perfluoropentanoic acid (PFPeA)	ND	2.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:25	BLM
Perfluorohexanoic acid (PFHxA)	ND	0.98	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:25	BLM
Perfluoroheptanoic acid (PFHpA)	ND	0.98	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:25	BLM
Perfluorooctanoic acid (PFOA)	ND	0.98	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:25	BLM
Perfluorononanoic acid (PFNA)	ND	0.98	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:25	BLM
Perfluorodecanoic acid (PFDA)	ND	0.98	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:25	BLM
Perfluoroundecanoic acid (PFUnA)	ND	0.98	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:25	BLM
Perfluorododecanoic acid (PFDoA)	ND	0.98	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:25	BLM
Perfluorotridecanoic acid (PFTrDA)	ND	0.98	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:25	BLM
Perfluorotetradecanoic acid (PFTeDA)	ND	0.98	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:25	BLM
Perfluorobutanesulfonic acid (PFBS)	ND	0.98	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:25	BLM
Perfluoropetanesulfonic acid (PFPeS)	ND	0.98	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:25	BLM
Perfluorohexanesulfonic acid (PFHxS)	ND	0.98	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:25	BLM
Perfluoroheptanesulfonic acid (PFHpS)	ND	0.98	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:25	BLM
Perfluorooctanesulfonic acid (PFOS)	ND	0.98	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:25	BLM
Perfluorononanesulfonic acid (PFNS)	ND	0.98	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:25	BLM
Perfluorodecanesulfonic acid (PFDS)	ND	0.98	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:25	BLM
Perfluorododecanesulfonic acid (PFDoS)	ND	0.98	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:25	BLM
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	3.9	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:25	BLM
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	3.9	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:25	BLM
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	3.9	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:25	BLM
Perfluorooctanesulfonamide (PFOSA)	ND	0.98	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:25	BLM
N-methyl perfluoroocatnesulfonamide (NMeFOSA)	ND	0.98	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:25	BLM
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	0.98	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:25	BLM
N-MeFOSAA (NMeFOSAA)	ND	0.98	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:25	BLM
N-EtFOSAA (NEtFOSAA)	ND	0.98	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:25	BLM
N-methylperfluorooctanesulfonamidoethanol(NMeFOSE)	ND	9.8	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:25	BLM
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	9.8	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:25	BLM
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	3.9	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:25	BLM
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	3.9	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:25	BLM
9Cl-PF3ONS (F53B Minor)	ND	3.9	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:25	BLM
11Cl-PF3OUdS (F53B Major)	ND	3.9	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:25	BLM
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	ND	9.8	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:25	BLM
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	ND	49	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:25	BLM
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	ND	49	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:25	BLM
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:25	BLM
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	2.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:25	BLM

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0479

Date Received: 3/3/2023

Field Sample #: MW-CPC-40-16-312-20230228-0 | Sampled: 2/28/2023 11:50

Sample ID: 23C0479-04

Sample Matrix: 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	2.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:25	BLM
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:25	BLM

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
13C4-PFBA	75.9	20-150		3/24/23 22:25
13C5-PFPeA	80.5	20-150		3/24/23 22:25
13C5-PFHxA	76.8	20-150		3/24/23 22:25
13C4-PFHpA	78.8	20-150		3/24/23 22:25
13C8-PFOA	75.9	20-150		3/24/23 22:25
13C9-PFNA	76.6	20-150		3/24/23 22:25
13C6-PFDA	76.0	20-150		3/24/23 22:25
13C7-PFUnA	71.9	20-150		3/24/23 22:25
13C2-PFDoA	66.2	20-150		3/24/23 22:25
13C2-PFTeDA	67.7	20-150		3/24/23 22:25
13C3-PFBS	73.8	20-150		3/24/23 22:25
13C3-PFHxS	75.6	20-150		3/24/23 22:25
13C8-PFOS	75.8	20-150		3/24/23 22:25
13C2-4:2FTS	82.4	20-150		3/24/23 22:25
13C2-6:2FTS	63.4	20-150		3/24/23 22:25
13C2-8:2FTS	60.5	20-150		3/24/23 22:25
13C8-PFOSA	76.6	20-150		3/24/23 22:25
D3-NMeFOSA	61.0	20-150		3/24/23 22:25
D5-NEtFOSA	60.7	20-150		3/24/23 22:25
D3-NMeFOSAA	63.4	20-150		3/24/23 22:25
D5-NEtFOSAA	66.9	20-150		3/24/23 22:25
D7-NMeFOSE	72.7	20-150		3/24/23 22:25
D9-NEtFOSE	70.2	20-150		3/24/23 22:25
13C3-HFPO-DA	79.7	20-150		3/24/23 22:25

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: 23C0479

Date Received: 3/3/2023

Field Sample #: MW-CPC-40-16-312-20230228-0 | Sampled: 2/28/2023 11:50

Sample ID: 23C0479-04

Sample Matrix: Water

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Total Suspended Solids	26	10	mg/L	1		Draft Method 1633	3/6/23	3/6/23 13:33	LL

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0479

Date Received: 3/3/2023

Field Sample #: MW-CPC-41-16-258-20230228-0 | Sampled: 2/28/2023 14:20

Sample ID: 23C0479-05

Sample Matrix: 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)	17	4.0	ng/L	1	B-07	Draft Method 1633	3/10/23	3/24/23 22:41	BLM
Perfluoropentanoic acid (PFPeA)	35	2.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:41	BLM
Perfluorohexanoic acid (PFHxA)	24	1.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:41	BLM
Perfluoroheptanoic acid (PFHpA)	14	1.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:41	BLM
Perfluorooctanoic acid (PFOA)	29	1.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:41	BLM
Perfluorononanoic acid (PFNA)	98	1.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:41	BLM
Perfluorodecanoic acid (PFDA)	ND	1.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:41	BLM
Perfluoroundecanoic acid (PFUnA)	ND	1.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:41	BLM
Perfluorododecanoic acid (PFDoA)	ND	1.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:41	BLM
Perfluorotridecanoic acid (PFTrDA)	ND	1.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:41	BLM
Perfluorotetradecanoic acid (PFTeDA)	ND	1.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:41	BLM
Perfluorobutanesulfonic acid (PFBS)	2.7	1.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:41	BLM
Perfluoropetanesulfonic acid (PFPeS)	2.0	1.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:41	BLM
Perfluorohexanesulfonic acid (PFHxS)	8.6	1.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:41	BLM
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:41	BLM
Perfluorooctanesulfonic acid (PFOS)	22	1.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:41	BLM
Perfluorononanesulfonic acid (PFNS)	ND	1.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:41	BLM
Perfluorodecanesulfonic acid (PFDS)	ND	1.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:41	BLM
Perfluorododecanesulfonic acid (PFDoS)	ND	1.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:41	BLM
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	4.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:41	BLM
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	4.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:41	BLM
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	4.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:41	BLM
Perfluorooctanesulfonamide (PFOSA)	ND	1.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:41	BLM
N-methyl perfluoroocatnesulfonamide (NMeFOSA)	ND	1.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:41	BLM
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	1.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:41	BLM
N-MeFOSAA (NMeFOSAA)	ND	1.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:41	BLM
N-EtFOSAA (NEtFOSAA)	ND	1.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:41	BLM
N-methylperfluorooctanesulfonamidoethanol(NMeFOSE)	ND	10	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:41	BLM
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	10	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:41	BLM
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	4.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:41	BLM
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	4.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:41	BLM
9Cl-PF3ONS (F53B Minor)	ND	4.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:41	BLM
11Cl-PF3OUdS (F53B Major)	ND	4.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:41	BLM
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	ND	10	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:41	BLM
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	ND	50	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:41	BLM
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	ND	50	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:41	BLM
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:41	BLM
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	2.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:41	BLM

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0479

Date Received: 3/3/2023

Field Sample #: MW-CPC-41-16-258-20230228-0 | Sampled: 2/28/2023 14:20

Sample ID: 23C0479-05

Sample Matrix: 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	2.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:41	BLM
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0	ng/L	1		Draft Method 1633	3/10/23	3/24/23 22:41	BLM

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
13C4-PFBA	77.7	20-150		3/24/23 22:41
13C5-PFPeA	81.8	20-150		3/24/23 22:41
13C5-PFHxA	81.8	20-150		3/24/23 22:41
13C4-PFHpA	79.1	20-150		3/24/23 22:41
13C8-PFOA	77.5	20-150		3/24/23 22:41
13C9-PFNA	80.6	20-150		3/24/23 22:41
13C6-PFDA	78.6	20-150		3/24/23 22:41
13C7-PFUnA	75.8	20-150		3/24/23 22:41
13C2-PFDoA	70.6	20-150		3/24/23 22:41
13C2-PFTeDA	70.2	20-150		3/24/23 22:41
13C3-PFBS	80.0	20-150		3/24/23 22:41
13C3-PFHxS	80.1	20-150		3/24/23 22:41
13C8-PFOS	80.4	20-150		3/24/23 22:41
13C2-4:2FTS	91.3	20-150		3/24/23 22:41
13C2-6:2FTS	68.5	20-150		3/24/23 22:41
13C2-8:2FTS	67.6	20-150		3/24/23 22:41
13C8-PFOSA	80.4	20-150		3/24/23 22:41
D3-NMeFOSA	55.8	20-150		3/24/23 22:41
D5-NEtFOSA	58.0	20-150		3/24/23 22:41
D3-NMeFOSAA	66.3	20-150		3/24/23 22:41
D5-NEtFOSAA	68.5	20-150		3/24/23 22:41
D7-NMeFOSE	78.3	20-150		3/24/23 22:41
D9-NEtFOSE	75.1	20-150		3/24/23 22:41
13C3-HFPO-DA	86.1	20-150		3/24/23 22:41

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0479

Date Received: 3/3/2023

Field Sample #: MW-CPC-41-16-258-20230228-0 | Sampled: 2/28/2023 14:20

Sample ID: 23C0479-05

Sample Matrix: Water

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Total Suspended Solids	ND	10	mg/L	1		Draft Method 1633	3/6/23	3/6/23 13:33	LL

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0479

Date Received: 3/3/2023

Field Sample #: MW-CPC-38-16-391-20230301-0 | Sampled: 2/28/2023 15:40

Sample ID: 23C0479-06

Sample Matrix: 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	3.8	ng/L	1		Draft Method 1633	3/27/23	3/30/23 22:10	RRB
Perfluoropentanoic acid (PFPeA)	ND	1.9	ng/L	1		Draft Method 1633	3/27/23	3/30/23 22:10	RRB
Perfluorohexanoic acid (PFHxA)	ND	0.95	ng/L	1		Draft Method 1633	3/27/23	3/30/23 22:10	RRB
Perfluoroheptanoic acid (PFHpA)	ND	0.95	ng/L	1		Draft Method 1633	3/27/23	3/30/23 22:10	RRB
Perfluorooctanoic acid (PFOA)	ND	0.95	ng/L	1		Draft Method 1633	3/27/23	3/30/23 22:10	RRB
Perfluorononanoic acid (PFNA)	ND	0.95	ng/L	1		Draft Method 1633	3/27/23	3/30/23 22:10	RRB
Perfluorodecanoic acid (PFDA)	ND	0.95	ng/L	1		Draft Method 1633	3/27/23	3/30/23 22:10	RRB
Perfluoroundecanoic acid (PFUnA)	ND	0.95	ng/L	1		Draft Method 1633	3/27/23	3/30/23 22:10	RRB
Perfluorododecanoic acid (PFDoA)	ND	0.95	ng/L	1		Draft Method 1633	3/27/23	3/30/23 22:10	RRB
Perfluorotridecanoic acid (PFTrDA)	ND	0.95	ng/L	1		Draft Method 1633	3/27/23	3/30/23 22:10	RRB
Perfluorotetradecanoic acid (PFTeDA)	ND	0.95	ng/L	1		Draft Method 1633	3/27/23	3/30/23 22:10	RRB
Perfluorobutanesulfonic acid (PFBS)	ND	0.95	ng/L	1		Draft Method 1633	3/27/23	3/30/23 22:10	RRB
Perfluoropetanesulfonic acid (PFPeS)	ND	0.95	ng/L	1		Draft Method 1633	3/27/23	3/30/23 22:10	RRB
Perfluorohexanesulfonic acid (PFHxS)	ND	0.95	ng/L	1		Draft Method 1633	3/27/23	3/30/23 22:10	RRB
Perfluoroheptanesulfonic acid (PFHpS)	ND	0.95	ng/L	1		Draft Method 1633	3/27/23	3/30/23 22:10	RRB
Perfluorooctanesulfonic acid (PFOS)	1.4	0.95	ng/L	1		Draft Method 1633	3/27/23	3/30/23 22:10	RRB
Perfluorononanesulfonic acid (PFNS)	ND	0.95	ng/L	1		Draft Method 1633	3/27/23	3/30/23 22:10	RRB
Perfluorodecanesulfonic acid (PFDS)	ND	0.95	ng/L	1		Draft Method 1633	3/27/23	3/30/23 22:10	RRB
Perfluorododecanesulfonic acid (PFDoS)	ND	0.95	ng/L	1		Draft Method 1633	3/27/23	3/30/23 22:10	RRB
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	3.8	ng/L	1		Draft Method 1633	3/27/23	3/30/23 22:10	RRB
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	3.8	ng/L	1		Draft Method 1633	3/27/23	3/30/23 22:10	RRB
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	3.8	ng/L	1		Draft Method 1633	3/27/23	3/30/23 22:10	RRB
Perfluorooctanesulfonamide (PFOSA)	ND	0.95	ng/L	1		Draft Method 1633	3/27/23	3/30/23 22:10	RRB
N-methyl perfluoroocatnesulfonamide (NMeFOSA)	ND	0.95	ng/L	1		Draft Method 1633	3/27/23	3/30/23 22:10	RRB
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	0.95	ng/L	1		Draft Method 1633	3/27/23	3/30/23 22:10	RRB
N-MeFOSAA (NMeFOSAA)	1.4	0.95	ng/L	1		Draft Method 1633	3/27/23	3/30/23 22:10	RRB
N-EtFOSAA (NEtFOSAA)	ND	0.95	ng/L	1		Draft Method 1633	3/27/23	3/30/23 22:10	RRB
N-methylperfluorooctanesulfonamidoethanol(NMeFOSE)	ND	9.5	ng/L	1		Draft Method 1633	3/27/23	3/30/23 22:10	RRB
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	9.5	ng/L	1		Draft Method 1633	3/27/23	3/30/23 22:10	RRB
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	3.8	ng/L	1		Draft Method 1633	3/27/23	3/30/23 22:10	RRB
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	3.8	ng/L	1		Draft Method 1633	3/27/23	3/30/23 22:10	RRB
9Cl-PF3ONS (F53B Minor)	ND	3.8	ng/L	1		Draft Method 1633	3/27/23	3/30/23 22:10	RRB
11Cl-PF3OUdS (F53B Major)	ND	3.8	ng/L	1		Draft Method 1633	3/27/23	3/30/23 22:10	RRB
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	ND	9.5	ng/L	1		Draft Method 1633	3/27/23	3/30/23 22:10	RRB
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	55	48	ng/L	1		Draft Method 1633	3/27/23	3/30/23 22:10	RRB
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	ND	48	ng/L	1		Draft Method 1633	3/27/23	3/30/23 22:10	RRB
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9	ng/L	1		Draft Method 1633	3/27/23	3/30/23 22:10	RRB
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	1.9	ng/L	1		Draft Method 1633	3/27/23	3/30/23 22:10	RRB

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0479

Date Received: 3/3/2023

Field Sample #: MW-CPC-38-16-391-20230301-0 | Sampled: 2/28/2023 15:40

Sample ID: 23C0479-06

Sample Matrix: 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	1.9	ng/L	1		Draft Method 1633	3/27/23	3/30/23 22:10	RRB
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	ng/L	1		Draft Method 1633	3/27/23	3/30/23 22:10	RRB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
13C4-PFBA	52.0	20-150		3/30/23 22:10
13C5-PFPeA	84.8	20-150		3/30/23 22:10
13C5-PFHxA	85.2	20-150		3/30/23 22:10
13C4-PFHpA	84.6	20-150		3/30/23 22:10
13C8-PFOA	83.8	20-150		3/30/23 22:10
13C9-PFNA	86.5	20-150		3/30/23 22:10
13C6-PFDA	84.4	20-150		3/30/23 22:10
13C7-PFUnA	78.0	20-150		3/30/23 22:10
13C2-PFDoA	66.8	20-150		3/30/23 22:10
13C2-PFTeDA	54.5	20-150		3/30/23 22:10
13C3-PFBS	80.9	20-150		3/30/23 22:10
13C3-PFHxS	82.3	20-150		3/30/23 22:10
13C8-PFOS	84.6	20-150		3/30/23 22:10
13C2-4:2FTS	126	20-150		3/30/23 22:10
13C2-6:2FTS	110	20-150		3/30/23 22:10
13C2-8:2FTS	117	20-150		3/30/23 22:10
13C8-PFOSA	74.7	20-150		3/30/23 22:10
D3-NMeFOSA	58.4	20-150		3/30/23 22:10
D5-NEtFOSA	58.0	20-150		3/30/23 22:10
D3-NMeFOSAA	97.1	20-150		3/30/23 22:10
D5-NEtFOSAA	80.9	20-150		3/30/23 22:10
D7-NMeFOSE	59.5	20-150		3/30/23 22:10
D9-NEtFOSE	57.3	20-150		3/30/23 22:10
13C3-HFPO-DA	88.8	20-150		3/30/23 22:10

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0479

Date Received: 3/3/2023

Field Sample #: MW-CPC-38-16-391-20230301-0 | Sampled: 2/28/2023 15:40

Sample ID: 23C0479-06

Sample Matrix: Water

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Total Suspended Solids	ND	10	mg/L	1		Draft Method 1633	3/6/23	3/6/23 13:33	LL

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0479

Date Received: 3/3/2023

Field Sample #: MW-CPC-36-16-251-20230302-0 | Sampled: 2/28/2023 09:10

Sample ID: 23C0479-07

Sample Matrix: 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)	29	3.8	ng/L	1	B-07	Draft Method 1633	3/10/23	3/24/23 23:12	BLM
Perfluoropentanoic acid (PFPeA)	50	1.9	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:12	BLM
Perfluorohexanoic acid (PFHxA)	49	0.95	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:12	BLM
Perfluoroheptanoic acid (PFHpA)	36	0.95	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:12	BLM
Perfluorooctanoic acid (PFOA)	120	0.95	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:12	BLM
Perfluorononanoic acid (PFNA)	380	0.95	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:12	BLM
Perfluorodecanoic acid (PFDA)	3.3	0.95	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:12	BLM
Perfluoroundecanoic acid (PFUnA)	3.2	0.95	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:12	BLM
Perfluorododecanoic acid (PFDoA)	ND	0.95	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:12	BLM
Perfluorotridecanoic acid (PFTrDA)	ND	0.95	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:12	BLM
Perfluorotetradecanoic acid (PFTeDA)	ND	0.95	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:12	BLM
Perfluorobutanesulfonic acid (PFBS)	6.2	0.95	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:12	BLM
Perfluoropetanesulfonic acid (PFPeS)	6.1	0.95	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:12	BLM
Perfluorohexanesulfonic acid (PFHxS)	34	0.95	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:12	BLM
Perfluoroheptanesulfonic acid (PFHpS)	2.7	0.95	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:12	BLM
Perfluorooctanesulfonic acid (PFOS)	140	0.95	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:12	BLM
Perfluorononanesulfonic acid (PFNS)	ND	0.95	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:12	BLM
Perfluorodecanesulfonic acid (PFDS)	ND	0.95	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:12	BLM
Perfluorododecanesulfonic acid (PFDoS)	ND	0.95	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:12	BLM
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	3.8	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:12	BLM
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	37	3.8	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:12	BLM
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	15	3.8	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:12	BLM
Perfluorooctanesulfonamide (PFOSA)	ND	0.95	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:12	BLM
N-methyl perfluoroocatnesulfonamide (NMeFOSA)	ND	0.95	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:12	BLM
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	0.95	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:12	BLM
N-MeFOSAA (NMeFOSAA)	ND	0.95	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:12	BLM
N-EtFOSAA (NEtFOSAA)	ND	0.95	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:12	BLM
N-methylperfluorooctanesulfonamidoethanol(NMeFOSE)	ND	9.5	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:12	BLM
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	9.5	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:12	BLM
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	3.8	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:12	BLM
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	3.8	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:12	BLM
9Cl-PF3ONS (F53B Minor)	ND	3.8	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:12	BLM
11Cl-PF3OUdS (F53B Major)	ND	3.8	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:12	BLM
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	ND	9.5	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:12	BLM
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	ND	48	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:12	BLM
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	ND	48	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:12	BLM
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:12	BLM
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	1.9	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:12	BLM

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0479

Date Received: 3/3/2023

Field Sample #: MW-CPC-36-16-251-20230302-0 | Sampled: 2/28/2023 09:10

Sample ID: 23C0479-07

Sample Matrix: 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	1.9	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:12	BLM
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:12	BLM

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
13C4-PFBA	76.5	20-150		3/24/23 23:12
13C5-PFPeA	77.0	20-150		3/24/23 23:12
13C5-PFHxA	78.8	20-150		3/24/23 23:12
13C4-PFHpA	79.7	20-150		3/24/23 23:12
13C8-PFOA	75.0	20-150		3/24/23 23:12
13C9-PFNA	81.2	20-150		3/24/23 23:12
13C6-PFDA	77.9	20-150		3/24/23 23:12
13C7-PFUnA	74.9	20-150		3/24/23 23:12
13C2-PFDoA	66.9	20-150		3/24/23 23:12
13C2-PFTeDA	60.3	20-150		3/24/23 23:12
13C3-PFBS	77.5	20-150		3/24/23 23:12
13C3-PFHxS	77.9	20-150		3/24/23 23:12
13C8-PFOS	76.4	20-150		3/24/23 23:12
13C2-4:2FTS	91.3	20-150		3/24/23 23:12
13C2-6:2FTS	78.0	20-150		3/24/23 23:12
13C2-8:2FTS	70.0	20-150		3/24/23 23:12
13C8-PFOSA	81.3	20-150		3/24/23 23:12
D3-NMeFOSA	58.1	20-150		3/24/23 23:12
D5-NEtFOSA	60.2	20-150		3/24/23 23:12
D3-NMeFOSAA	70.7	20-150		3/24/23 23:12
D5-NEtFOSAA	67.2	20-150		3/24/23 23:12
D7-NMeFOSE	65.2	20-150		3/24/23 23:12
D9-NEtFOSE	61.8	20-150		3/24/23 23:12
13C3-HFPO-DA	80.6	20-150		3/24/23 23:12

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0479

Date Received: 3/3/2023

Field Sample #: MW-CPC-36-16-251-20230302-0 | Sampled: 2/28/2023 09:10

Sample ID: 23C0479-07

Sample Matrix: Water

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Total Suspended Solids	28	10	mg/L	1		Draft Method 1633	3/6/23	3/6/23 13:33	LL

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0479

Date Received: 3/3/2023

Field Sample #: MW-CPC-37-16-445-20230302-0 | Sampled: 2/28/2023 11:10

Sample ID: 23C0479-08

Sample Matrix: 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)	13	3.6	ng/L	1	B-07	Draft Method 1633	3/10/23	3/24/23 23:28	BLM
Perfluoropentanoic acid (PFPeA)	5.8	1.8	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:28	BLM
Perfluorohexanoic acid (PFHxA)	16	0.89	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:28	BLM
Perfluoroheptanoic acid (PFHpA)	5.1	0.89	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:28	BLM
Perfluorooctanoic acid (PFOA)	33	0.89	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:28	BLM
Perfluorononanoic acid (PFNA)	1.8	0.89	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:28	BLM
Perfluorodecanoic acid (PFDA)	2.6	0.89	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:28	BLM
Perfluoroundecanoic acid (PFUnA)	ND	0.89	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:28	BLM
Perfluorododecanoic acid (PFDoA)	ND	0.89	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:28	BLM
Perfluorotridecanoic acid (PFTrDA)	ND	0.89	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:28	BLM
Perfluorotetradecanoic acid (PFTeDA)	ND	0.89	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:28	BLM
Perfluorobutanesulfonic acid (PFBS)	2.3	0.89	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:28	BLM
Perfluoropetanesulfonic acid (PFPeS)	2.0	0.89	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:28	BLM
Perfluorohexanesulfonic acid (PFHxS)	3.5	0.89	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:28	BLM
Perfluoroheptanesulfonic acid (PFHpS)	ND	0.89	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:28	BLM
Perfluorooctanesulfonic acid (PFOS)	8.3	0.89	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:28	BLM
Perfluorononanesulfonic acid (PFNS)	ND	0.89	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:28	BLM
Perfluorodecanesulfonic acid (PFDS)	ND	0.89	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:28	BLM
Perfluorododecanesulfonic acid (PFDoS)	ND	0.89	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:28	BLM
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	3.6	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:28	BLM
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	200	3.6	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:28	BLM
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	3.6	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:28	BLM
Perfluorooctanesulfonamide (PFOSA)	ND	0.89	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:28	BLM
N-methyl perfluoroocatnesulfonamide (NMeFOSA)	ND	0.89	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:28	BLM
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	0.89	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:28	BLM
N-MeFOSAA (NMeFOSAA)	ND	0.89	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:28	BLM
N-EtFOSAA (NEtFOSAA)	ND	0.89	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:28	BLM
N-methylperfluorooctanesulfonamidoethanol(NMeFOSE)	ND	8.9	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:28	BLM
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	8.9	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:28	BLM
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	3.6	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:28	BLM
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	3.6	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:28	BLM
9Cl-PF3ONS (F53B Minor)	ND	3.6	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:28	BLM
11Cl-PF3OUdS (F53B Major)	ND	3.6	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:28	BLM
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	ND	8.9	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:28	BLM
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	ND	45	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:28	BLM
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	ND	45	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:28	BLM
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:28	BLM
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	1.8	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:28	BLM

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0479

Date Received: 3/3/2023

Field Sample #: MW-CPC-37-16-445-20230302-0 | Sampled: 2/28/2023 11:10

Sample ID: 23C0479-08

Sample Matrix: 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	1.8	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:28	BLM
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8	ng/L	1		Draft Method 1633	3/10/23	3/24/23 23:28	BLM

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
13C4-PFBA	72.3	20-150		3/24/23 23:28
13C5-PFPeA	73.2	20-150		3/24/23 23:28
13C5-PFHxA	74.9	20-150		3/24/23 23:28
13C4-PFHpA	75.3	20-150		3/24/23 23:28
13C8-PFOA	75.0	20-150		3/24/23 23:28
13C9-PFNA	72.9	20-150		3/24/23 23:28
13C6-PFDA	75.0	20-150		3/24/23 23:28
13C7-PFUnA	75.1	20-150		3/24/23 23:28
13C2-PFDoA	69.4	20-150		3/24/23 23:28
13C2-PFTeDA	67.2	20-150		3/24/23 23:28
13C3-PFBS	75.1	20-150		3/24/23 23:28
13C3-PFHxS	76.6	20-150		3/24/23 23:28
13C8-PFOS	74.6	20-150		3/24/23 23:28
13C2-4:2FTS	103	20-150		3/24/23 23:28
13C2-6:2FTS	134	20-150		3/24/23 23:28
13C2-8:2FTS	117	20-150		3/24/23 23:28
13C8-PFOSA	67.4	20-150		3/24/23 23:28
D3-NMeFOSA	57.4	20-150		3/24/23 23:28
D5-NEtFOSA	55.2	20-150		3/24/23 23:28
D3-NMeFOSAA	61.7	20-150		3/24/23 23:28
D5-NEtFOSAA	64.1	20-150		3/24/23 23:28
D7-NMeFOSE	67.1	20-150		3/24/23 23:28
D9-NEtFOSE	65.1	20-150		3/24/23 23:28
13C3-HFPO-DA	73.6	20-150		3/24/23 23:28

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0479

Date Received: 3/3/2023

Field Sample #: MW-CPC-37-16-445-20230302-0 | Sampled: 2/28/2023 11:10

Sample ID: 23C0479-08

Sample Matrix: Water

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Total Suspended Solids	ND	10	mg/L	1		Draft Method 1633	3/6/23	3/6/23 13:33	LL

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Sample Extraction Data

Draft Method 1633

Lab Number [Field ID]	Batch	Initial [mL]	Date
23C0479-01 [MW-CPC-39-16-374-20230228-0]	B333255	50.0	03/06/23
23C0479-02 [MW-CPC-39-16-374-20230228-1]	B333255	50.0	03/06/23
23C0479-03 [MW-CPC-39-16-374-20230228-2]	B333255	50.0	03/06/23
23C0479-04 [MW-CPC-40-16-312-20230228-0]	B333255	50.0	03/06/23
23C0479-05 [MW-CPC-41-16-258-20230228-0]	B333255	50.0	03/06/23
23C0479-06 [MW-CPC-38-16-391-20230301-0]	B333255	50.0	03/06/23
23C0479-07 [MW-CPC-36-16-251-20230302-0]	B333255	50.0	03/06/23
23C0479-08 [MW-CPC-37-16-445-20230302-0]	B333255	50.0	03/06/23

Prep Method: Draft Method 1633 Analytical Method: Draft Method 1633 were extracted on 3/6/2023 per NO PREP in Batch B333255

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
23C0479-01 [MW-CPC-39-16-374-20230228-0]	B333636	481	5.00	03/10/23
23C0479-02 [MW-CPC-39-16-374-20230228-1]	B333636	564	5.00	03/10/23
23C0479-03 [MW-CPC-39-16-374-20230228-2]	B333636	430	5.00	03/10/23
23C0479-04 [MW-CPC-40-16-312-20230228-0]	B333636	509	5.00	03/10/23
23C0479-05 [MW-CPC-41-16-258-20230228-0]	B333636	498	5.00	03/10/23
23C0479-07 [MW-CPC-36-16-251-20230302-0]	B333636	526	5.00	03/10/23
23C0479-08 [MW-CPC-37-16-445-20230302-0]	B333636	559	5.00	03/10/23

Prep Method: Draft Method 1633 Analytical Method: Draft Method 1633 were extracted on 3/6/2023 per NO PREP in Batch B333255

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
23C0479-06RE1 [MW-CPC-38-16-391-20230301-0]	B334871	525	5.00	03/27/23

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QUALITY CONTROL

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B333636 - Draft Method 1633										
Blank (B333636-BLK1)				Prepared: 03/10/23 Analyzed: 03/24/23						
Perfluorobutanoic acid (PFBA)	ND	4.1	ng/L							Z-01
Perfluoropentanoic acid (PFPeA)	ND	2.0	ng/L							
Perfluorohexanoic acid (PFHxA)	ND	1.0	ng/L							
Perfluoroheptanoic acid (PFHpA)	ND	1.0	ng/L							
Perfluorooctanoic acid (PFOA)	ND	1.0	ng/L							
Perfluorononanoic acid (PFNA)	ND	1.0	ng/L							
Perfluorodecanoic acid (PFDA)	ND	1.0	ng/L							
Perfluoroundecanoic acid (PFUnA)	ND	1.0	ng/L							
Perfluorododecanoic acid (PFDoA)	ND	1.0	ng/L							
Perfluorotridecanoic acid (PFTrDA)	ND	1.0	ng/L							
Perfluorotetradecanoic acid (PFTeDA)	ND	1.0	ng/L							
Perfluorobutanesulfonic acid (PFBS)	ND	1.0	ng/L							
Perfluoropetanesulfonic acid (PFPeS)	ND	1.0	ng/L							
Perfluorohexanesulfonic acid (PFHxS)	ND	1.0	ng/L							
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.0	ng/L							
Perfluorooctanesulfonic acid (PFOS)	ND	1.0	ng/L							
Perfluorononanesulfonic acid (PFNS)	ND	1.0	ng/L							
Perfluorodecanesulfonic acid (PFDS)	ND	1.0	ng/L							
Perfluorododecanesulfonic acid (PFDoS)	ND	1.0	ng/L							
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	4.1	ng/L							
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	4.1	ng/L							
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	4.1	ng/L							
Perfluorooctanesulfonamide (PFOSA)	ND	1.0	ng/L							
N-methyl perfluoroocatnesulfonamide (NMeFOSA)	ND	1.0	ng/L							
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	1.0	ng/L							
N-MeFOSAA (NMeFOSAA)	ND	1.0	ng/L							
N-EtFOSAA (NEtFOSAA)	ND	1.0	ng/L							
N-methylperfluorooctanesulfonamidoethanol(NMeFOSE)	ND	10	ng/L							
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	10	ng/L							
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	4.1	ng/L							
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	4.1	ng/L							
9Cl-PF3ONS (F53B Minor)	ND	4.1	ng/L							
11Cl-PF3OUdS (F53B Major)	ND	4.1	ng/L							
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	ND	10	ng/L							
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	ND	51	ng/L							
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	ND	51	ng/L							
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.0	ng/L							
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	2.0	ng/L							
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	2.0	ng/L							
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0	ng/L							
Surrogate: 13C4-PFBA	*81.4*		ng/L	102		79.7	20-150			

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QUALITY CONTROL

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B333636 - Draft Method 1633										
Blank (B333636-BLK1)				Prepared: 03/10/23 Analyzed: 03/24/23						
Surrogate: 13C5-PFPeA	*43.2*		ng/L	51.1		84.6	20-150			
Surrogate: 13C5-PFHxA	*21.3*		ng/L	25.5		83.2	20-150			
Surrogate: 13C4-PFHpA	*22.0*		ng/L	25.5		86.2	20-150			
Surrogate: 13C8-PFOA	*20.7*		ng/L	25.5		81.2	20-150			
Surrogate: 13C9-PFNA	*10.8*		ng/L	12.8		84.5	20-150			
Surrogate: 13C6-PFDA	*10.5*		ng/L	12.8		82.3	20-150			
Surrogate: 13C7-PFUnA	*10.2*		ng/L	12.8		79.8	20-150			
Surrogate: 13C2-PFDoA	*9.41*		ng/L	12.8		73.7	20-150			
Surrogate: 13C2-PFTeDA	*10.4*		ng/L	12.8		81.8	20-150			
Surrogate: 13C3-PFBS	*21.2*		ng/L	25.5		83.1	20-150			
Surrogate: 13C3-PFHxS	*21.0*		ng/L	25.5		82.4	20-150			
Surrogate: 13C8-PFOS	*21.5*		ng/L	25.5		84.1	20-150			
Surrogate: 13C2-4:2FTS	*44.1*		ng/L	51.1		86.3	20-150			
Surrogate: 13C2-6:2FTS	*38.3*		ng/L	51.1		75.0	20-150			
Surrogate: 13C2-8:2FTS	*36.5*		ng/L	51.1		71.6	20-150			
Surrogate: 13C8-PFOSA	*22.0*		ng/L	25.5		86.1	20-150			
Surrogate: D3-NMeFOSA	*17.4*		ng/L	25.5		68.0	20-150			
Surrogate: D5-NEtFOSA	*17.8*		ng/L	25.5		69.7	20-150			
Surrogate: D3-NMeFOSAA	*37.2*		ng/L	51.1		72.9	20-150			
Surrogate: D5-NEtFOSAA	*38.5*		ng/L	51.1		75.3	20-150			
Surrogate: D7-NMeFOSE	*222*		ng/L	255		87.1	20-150			
Surrogate: D9-NEtFOSE	*212*		ng/L	255		83.0	20-150			
Surrogate: 13C3-HFPO-DA	*91.4*		ng/L	102		89.5	20-150			
LCS (B333636-BS1)				Prepared: 03/10/23 Analyzed: 03/24/23						
Perfluorobutanoic acid (PFBA)	9.27	3.9	ng/L	7.82		119	40-150			
Perfluoropentanoic acid (PFPeA)	4.11	2.0	ng/L	3.91		105	40-150			
Perfluorohexanoic acid (PFHxA)	2.15	0.98	ng/L	1.96		110	40-150			
Perfluoroheptanoic acid (PFHpA)	2.03	0.98	ng/L	1.96		104	40-150			
Perfluorooctanoic acid (PFOA)	2.01	0.98	ng/L	1.96		103	40-150			
Perfluorononanoic acid (PFNA)	1.90	0.98	ng/L	1.96		97.2	40-150			
Perfluorodecanoic acid (PFDA)	1.96	0.98	ng/L	1.96		100	40-150			
Perfluoroundecanoic acid (PFUnA)	1.84	0.98	ng/L	1.96		94.2	40-150			
Perfluorododecanoic acid (PFDoA)	2.05	0.98	ng/L	1.96		105	40-150			
Perfluorotridecanoic acid (PFTrDA)	1.81	0.98	ng/L	1.96		92.7	40-150			
Perfluorotetradecanoic acid (PFTeDA)	2.03	0.98	ng/L	1.96		104	40-150			
Perfluorobutanesulfonic acid (PFBS)	1.86	0.98	ng/L	1.74		107	40-150			
Perfluoropetanesulfonic acid (PFPeS)	1.91	0.98	ng/L	1.84		104	40-150			
Perfluorohexanesulfonic acid (PFHxS)	1.83	0.98	ng/L	1.79		102	40-150			
Perfluoroheptanesulfonic acid (PFHpS)	1.80	0.98	ng/L	1.86		96.6	40-150			
Perfluorooctanesulfonic acid (PFOS)	1.99	0.98	ng/L	1.81		109	40-150			
Perfluorononanesulfonic acid (PFNS)	2.08	0.98	ng/L	1.88		110	40-150			
Perfluorodecanesulfonic acid (PFDS)	1.87	0.98	ng/L	1.89		99.3	40-150			
Perfluorododecanesulfonic acid (PFDoS)	1.97	0.98	ng/L	1.90		104	40-150			
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	8.58	3.9	ng/L	7.34		117	40-150			
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	8.47	3.9	ng/L	7.43		114	40-150			
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	8.51	3.9	ng/L	7.53		113	40-150			
Perfluorooctanesulfonamide (PFOSA)	1.92	0.98	ng/L	1.96		98.1	40-150			
N-methyl perfluoroocatnesulfonamide (NMeFOSA)	1.91	0.98	ng/L	1.96		97.5	40-150			

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QUALITY CONTROL

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B333636 - Draft Method 1633										
LCS (B333636-BS1)				Prepared: 03/10/23 Analyzed: 03/24/23						
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	2.05	0.98	ng/L	1.96		105	40-150			
N-MeFOSAA (NMeFOSAA)	2.20	0.98	ng/L	1.96		112	40-150			
N-EtFOSAA (NEtFOSAA)	2.49	0.98	ng/L	1.96		127	40-150			
N-methylperfluorooctanesulfonamidoethanol(NMeFOSE)	20.8	9.8	ng/L	19.6		106	40-150			
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	20.7	9.8	ng/L	19.6		106	40-150			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	7.49	3.9	ng/L	7.82		95.8	40-150			
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	7.04	3.9	ng/L	7.38		95.3	40-150			
9Cl-PF3ONS (F53B Minor)	6.89	3.9	ng/L	7.34		94.0	40-150			
11Cl-PF3OUdS (F53B Major)	6.82	3.9	ng/L	7.38		92.4	40-150			
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	18.1	9.8	ng/L	19.6		92.3	40-150			
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	99.0	49	ng/L	97.8		101	40-150			
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	95.4	49	ng/L	97.8		97.6	40-150			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	3.31	2.0	ng/L	3.48		95.0	40-150			
Perfluoro-3-methoxypropanoic acid (PFMPA)	3.65	2.0	ng/L	3.91		93.3	40-150			
Perfluoro-4-methoxybutanoic acid (PFMBA)	3.51	2.0	ng/L	3.91		89.7	40-150			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	3.77	2.0	ng/L	3.91		96.2	40-150			
Surrogate: 13C4-PFBA	*75.3*		ng/L	97.8		77.0	20-150			
Surrogate: 13C5-PFPeA	*40.4*		ng/L	48.9		82.7	20-150			
Surrogate: 13C5-PFHxA	*19.7*		ng/L	24.5		80.5	20-150			
Surrogate: 13C4-PFHpA	*20.0*		ng/L	24.5		81.8	20-150			
Surrogate: 13C8-PFOA	*20.2*		ng/L	24.5		82.6	20-150			
Surrogate: 13C9-PFNA	*9.98*		ng/L	12.2		81.6	20-150			
Surrogate: 13C6-PFDA	*9.64*		ng/L	12.2		78.8	20-150			
Surrogate: 13C7-PFUnA	*9.51*		ng/L	12.2		77.8	20-150			
Surrogate: 13C2-PFDoA	*8.89*		ng/L	12.2		72.7	20-150			
Surrogate: 13C2-PFTeDA	*9.98*		ng/L	12.2		81.6	20-150			
Surrogate: 13C3-PFBS	*19.5*		ng/L	24.5		79.7	20-150			
Surrogate: 13C3-PFHxS	*19.4*		ng/L	24.5		79.2	20-150			
Surrogate: 13C8-PFOS	*19.1*		ng/L	24.5		78.3	20-150			
Surrogate: 13C2-4:2FTS	*42.9*		ng/L	48.9		87.8	20-150			
Surrogate: 13C2-6:2FTS	*35.8*		ng/L	48.9		73.2	20-150			
Surrogate: 13C2-8:2FTS	*34.0*		ng/L	48.9		69.6	20-150			
Surrogate: 13C8-PFOSA	*20.0*		ng/L	24.5		81.8	20-150			
Surrogate: D3-NMeFOSA	*14.4*		ng/L	24.5		58.8	20-150			
Surrogate: D5-NEtFOSA	*14.9*		ng/L	24.5		60.9	20-150			
Surrogate: D3-NMeFOSAA	*34.5*		ng/L	48.9		70.6	20-150			
Surrogate: D5-NEtFOSAA	*34.7*		ng/L	48.9		71.0	20-150			
Surrogate: D7-NMeFOSE	*193*		ng/L	245		78.9	20-150			
Surrogate: D9-NEtFOSE	*183*		ng/L	245		74.9	20-150			
Surrogate: 13C3-HFPO-DA	*84.1*		ng/L	97.8		86.0	20-150			
LCS (B333636-BS2)				Prepared: 03/10/23 Analyzed: 03/24/23						
Perfluorobutanoic acid (PFBA)	105	4.1	ng/L	98.1		107	40-150			
Perfluoropentanoic acid (PFPeA)	51.2	2.0	ng/L	49.1		104	40-150			

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QUALITY CONTROL

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B333636 - Draft Method 1633										
LCS (B333636-BS2)				Prepared: 03/10/23 Analyzed: 03/24/23						
Perfluorohexanoic acid (PFHxA)	25.4	1.0	ng/L	24.5		104	40-150			
Perfluoroheptanoic acid (PFHpA)	26.1	1.0	ng/L	24.5		107	40-150			
Perfluorooctanoic acid (PFOA)	25.4	1.0	ng/L	24.5		104	40-150			
Perfluorononanoic acid (PFNA)	25.4	1.0	ng/L	24.5		103	40-150			
Perfluorodecanoic acid (PFDA)	26.1	1.0	ng/L	24.5		106	40-150			
Perfluoroundecanoic acid (PFUnA)	25.9	1.0	ng/L	24.5		105	40-150			
Perfluorododecanoic acid (PFDoA)	26.1	1.0	ng/L	24.5		107	40-150			
Perfluorotridecanoic acid (PFTrDA)	23.9	1.0	ng/L	24.5		97.3	40-150			
Perfluorotetradecanoic acid (PFTeDA)	25.3	1.0	ng/L	24.5		103	40-150			
Perfluorobutanesulfonic acid (PFBS)	22.6	1.0	ng/L	21.8		104	40-150			
Perfluoropetanesulfonic acid (PFPeS)	24.1	1.0	ng/L	23.1		105	40-150			
Perfluorohexanesulfonic acid (PFHxS)	23.2	1.0	ng/L	22.4		103	40-150			
Perfluoroheptanesulfonic acid (PFHpS)	23.9	1.0	ng/L	23.4		102	40-150			
Perfluorooctanesulfonic acid (PFOS)	23.0	1.0	ng/L	22.8		101	40-150			
Perfluorononanesulfonic acid (PFNS)	24.2	1.0	ng/L	23.6		102	40-150			
Perfluorodecanesulfonic acid (PFDS)	24.3	1.0	ng/L	23.7		103	40-150			
Perfluorododecanesulfonic acid (PFDoS)	24.4	1.0	ng/L	23.8		102	40-150			
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	101	4.1	ng/L	92.0		110	40-150			
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	95.2	4.1	ng/L	93.2		102	40-150			
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	99.5	4.1	ng/L	94.5		105	40-150			
Perfluorooctanesulfonamide (PFOSA)	24.0	1.0	ng/L	24.5		97.6	40-150			
N-methyl perfluoroocatnesulfonamide (NMeFOSA)	26.4	1.0	ng/L	24.5		108	40-150			
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	25.5	1.0	ng/L	24.5		104	40-150			
N-MeFOSAA (NMeFOSAA)	25.3	1.0	ng/L	24.5		103	40-150			
N-EtFOSAA (NEtFOSAA)	28.5	1.0	ng/L	24.5		116	40-150			
N-methylperfluorooctanesulfonamidoethanol(NMeFOSE)	271	10	ng/L	245		111	40-150			
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	270	10	ng/L	245		110	40-150			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	105	4.1	ng/L	98.1		107	40-150			
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	104	4.1	ng/L	92.6		113	40-150			
9Cl-PF3ONS (F53B Minor)	101	4.1	ng/L	92.0		110	40-150			
11Cl-PF3OUdS (F53B Major)	99.2	4.1	ng/L	92.6		107	40-150			
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	251	10	ng/L	245		102	40-150			
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	1250	51	ng/L	1230		102	40-150			
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	1230	51	ng/L	1230		101	40-150			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	48.2	2.0	ng/L	43.7		110	40-150			
Perfluoro-3-methoxypropanoic acid (PFMPA)	58.1	2.0	ng/L	49.1		118	40-150			
Perfluoro-4-methoxybutanoic acid (PFMBA)	55.7	2.0	ng/L	49.1		113	40-150			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	58.3	2.0	ng/L	49.1		119	40-150			
Surrogate: 13C4-PFBA	*76.8*		ng/L	102		75.2	20-150			
Surrogate: 13C5-PFPeA	*40.7*		ng/L	51.1		79.7	20-150			
Surrogate: 13C5-PFHxA	*20.6*		ng/L	25.6		80.8	20-150			

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QUALITY CONTROL

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B333636 - Draft Method 1633										
LCS (B333636-BS2)				Prepared: 03/10/23 Analyzed: 03/24/23						
Surrogate: 13C4-PFHpA	*21.0*		ng/L	25.6		82.3	20-150			
Surrogate: 13C8-PFOA	*20.9*		ng/L	25.6		81.7	20-150			
Surrogate: 13C9-PFNA	*10.1*		ng/L	12.8		79.0	20-150			
Surrogate: 13C6-PFDA	*9.60*		ng/L	12.8		75.2	20-150			
Surrogate: 13C7-PFUnA	*9.60*		ng/L	12.8		75.2	20-150			
Surrogate: 13C2-PFDoA	*9.15*		ng/L	12.8		71.6	20-150			
Surrogate: 13C2-PFTeDA	*9.88*		ng/L	12.8		77.3	20-150			
Surrogate: 13C3-PFBS	*19.9*		ng/L	25.6		77.7	20-150			
Surrogate: 13C3-PFHxS	*19.7*		ng/L	25.6		76.9	20-150			
Surrogate: 13C8-PFOS	*19.6*		ng/L	25.6		76.7	20-150			
Surrogate: 13C2-4:2FTS	*46.6*		ng/L	51.1		91.3	20-150			
Surrogate: 13C2-6:2FTS	*39.2*		ng/L	51.1		76.7	20-150			
Surrogate: 13C2-8:2FTS	*38.7*		ng/L	51.1		75.7	20-150			
Surrogate: 13C8-PFOSA	*20.2*		ng/L	25.6		79.1	20-150			
Surrogate: D3-NMeFOSA	*15.9*		ng/L	25.6		62.3	20-150			
Surrogate: D5-NEtFOSA	*16.6*		ng/L	25.6		65.0	20-150			
Surrogate: D3-NMeFOSAA	*35.3*		ng/L	51.1		69.0	20-150			
Surrogate: D5-NEtFOSAA	*35.7*		ng/L	51.1		69.8	20-150			
Surrogate: D7-NMeFOSE	*193*		ng/L	256		75.7	20-150			
Surrogate: D9-NEtFOSE	*187*		ng/L	256		73.1	20-150			
Surrogate: 13C3-HFPO-DA	*88.4*		ng/L	102		86.5	20-150			
Batch B334871 - Draft Method 1633										
Blank (B334871-BLK1)				Prepared: 03/27/23 Analyzed: 03/30/23						
Perfluorobutanoic acid (PFBA)	ND	3.9	ng/L							
Perfluoropentanoic acid (PFPeA)	ND	2.0	ng/L							
Perfluorohexanoic acid (PFHxA)	ND	0.99	ng/L							
Perfluoroheptanoic acid (PFHpA)	ND	0.99	ng/L							
Perfluorooctanoic acid (PFOA)	ND	0.99	ng/L							
Perfluorononanoic acid (PFNA)	ND	0.99	ng/L							
Perfluorodecanoic acid (PFDA)	ND	0.99	ng/L							
Perfluoroundecanoic acid (PFUnA)	ND	0.99	ng/L							
Perfluorododecanoic acid (PFDoA)	ND	0.99	ng/L							
Perfluorotridecanoic acid (PFTrDA)	ND	0.99	ng/L							
Perfluorotetradecanoic acid (PFTeDA)	ND	0.99	ng/L							
Perfluorobutanesulfonic acid (PFBS)	ND	0.99	ng/L							
Perfluoropetanesulfonic acid (PFPeS)	ND	0.99	ng/L							
Perfluorohexanesulfonic acid (PFHxS)	ND	0.99	ng/L							
Perfluoroheptanesulfonic acid (PFHpS)	ND	0.99	ng/L							
Perfluorooctanesulfonic acid (PFOS)	ND	0.99	ng/L							
Perfluorononanesulfonic acid (PFNS)	ND	0.99	ng/L							
Perfluorodecanesulfonic acid (PFDS)	ND	0.99	ng/L							
Perfluorododecanesulfonic acid (PFDoS)	ND	0.99	ng/L							
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	3.9	ng/L							
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	3.9	ng/L							
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	3.9	ng/L							
Perfluorooctanesulfonamide (PFOSA)	ND	0.99	ng/L							
N-methyl perfluoroocatnesulfonamide (NMeFOSA)	ND	0.99	ng/L							

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QUALITY CONTROL

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B334871 - Draft Method 1633										
Blank (B334871-BLK1)				Prepared: 03/27/23 Analyzed: 03/30/23						
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	0.99	ng/L							
N-MeFOSAA (NMeFOSAA)	ND	0.99	ng/L							
N-EtFOSAA (NEtFOSAA)	ND	0.99	ng/L							
N-methylperfluorooctanesulfonamidoethanol(NMeFOSE)	ND	9.9	ng/L							
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	9.9	ng/L							
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	3.9	ng/L							
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	3.9	ng/L							
9Cl-PF3ONS (F53B Minor)	ND	3.9	ng/L							
11Cl-PF3OUdS (F53B Major)	ND	3.9	ng/L							
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	ND	9.9	ng/L							
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	ND	49	ng/L							
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	ND	49	ng/L							
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.0	ng/L							
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	2.0	ng/L							
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	2.0	ng/L							
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0	ng/L							
Surrogate: 13C4-PFBA	*92.4*		ng/L	98.6		93.7	20-150			
Surrogate: 13C5-PFPeA	*49.3*		ng/L	49.3		100	20-150			
Surrogate: 13C5-PFHxA	*24.1*		ng/L	24.6		97.7	20-150			
Surrogate: 13C4-PFHpA	*23.6*		ng/L	24.6		95.8	20-150			
Surrogate: 13C8-PFOA	*23.2*		ng/L	24.6		94.0	20-150			
Surrogate: 13C9-PFNA	*11.8*		ng/L	12.3		95.8	20-150			
Surrogate: 13C6-PFDA	*11.6*		ng/L	12.3		94.4	20-150			
Surrogate: 13C7-PFUnA	*11.2*		ng/L	12.3		91.1	20-150			
Surrogate: 13C2-PFDoA	*10.7*		ng/L	12.3		87.1	20-150			
Surrogate: 13C2-PFTeDA	*10.9*		ng/L	12.3		88.4	20-150			
Surrogate: 13C3-PFBS	*23.8*		ng/L	24.6		96.4	20-150			
Surrogate: 13C3-PFHxS	*23.2*		ng/L	24.6		94.3	20-150			
Surrogate: 13C8-PFOS	*22.4*		ng/L	24.6		91.0	20-150			
Surrogate: 13C2-4:2FTS	*46.8*		ng/L	49.3		94.9	20-150			
Surrogate: 13C2-6:2FTS	*41.1*		ng/L	49.3		83.3	20-150			
Surrogate: 13C2-8:2FTS	*39.4*		ng/L	49.3		79.9	20-150			
Surrogate: 13C8-PFOSA	*21.5*		ng/L	24.6		87.2	20-150			
Surrogate: D3-NMeFOSA	*15.8*		ng/L	24.6		64.0	20-150			
Surrogate: D5-NEtFOSA	*16.2*		ng/L	24.6		65.8	20-150			
Surrogate: D3-NMeFOSAA	*42.5*		ng/L	49.3		86.2	20-150			
Surrogate: D5-NEtFOSAA	*42.2*		ng/L	49.3		85.6	20-150			
Surrogate: D7-NMeFOSE	*198*		ng/L	246		80.2	20-150			
Surrogate: D9-NEtFOSE	*191*		ng/L	246		77.4	20-150			
Surrogate: 13C3-HFPO-DA	*106*		ng/L	98.6		107	20-150			
LCS (B334871-BS1)				Prepared: 03/27/23 Analyzed: 03/30/23						
Perfluorobutanoic acid (PFBA)	8.18	4.0	ng/L	7.98		102	40-150			
Perfluoropentanoic acid (PFPeA)	3.78	2.0	ng/L	3.99		94.6	40-150			

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QUALITY CONTROL

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B334871 - Draft Method 1633										
LCS (B334871-BS1)				Prepared: 03/27/23 Analyzed: 03/30/23						
Perfluorohexanoic acid (PFHxA)	1.91	1.0	ng/L	2.00		95.8	40-150			
Perfluoroheptanoic acid (PFHpA)	1.92	1.0	ng/L	2.00		96.3	40-150			
Perfluorooctanoic acid (PFOA)	2.01	1.0	ng/L	2.00		101	40-150			
Perfluorononanoic acid (PFNA)	1.88	1.0	ng/L	2.00		94.2	40-150			
Perfluorodecanoic acid (PFDA)	1.93	1.0	ng/L	2.00		96.9	40-150			
Perfluoroundecanoic acid (PFUnA)	1.90	1.0	ng/L	2.00		95.0	40-150			
Perfluorododecanoic acid (PFDoA)	1.97	1.0	ng/L	2.00		98.6	40-150			
Perfluorotridecanoic acid (PFTrDA)	1.60	1.0	ng/L	2.00		80.0	40-150			
Perfluorotetradecanoic acid (PFTeDA)	2.07	1.0	ng/L	2.00		104	40-150			
Perfluorobutanesulfonic acid (PFBS)	1.70	1.0	ng/L	1.77		95.7	40-150			
Perfluoropetanesulfonic acid (PFPeS)	1.96	1.0	ng/L	1.88		105	40-150			
Perfluorohexanesulfonic acid (PFHxS)	1.78	1.0	ng/L	1.83		97.5	40-150			
Perfluoroheptanesulfonic acid (PFHpS)	1.95	1.0	ng/L	1.90		102	40-150			
Perfluorooctanesulfonic acid (PFOS)	1.89	1.0	ng/L	1.85		102	40-150			
Perfluorononanesulfonic acid (PFNS)	1.88	1.0	ng/L	1.92		97.9	40-150			
Perfluorodecanesulfonic acid (PFDS)	1.82	1.0	ng/L	1.93		94.6	40-150			
Perfluorododecanesulfonic acid (PFDoS)	1.85	1.0	ng/L	1.94		95.3	40-150			
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	7.84	4.0	ng/L	7.49		105	40-150			
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	7.93	4.0	ng/L	7.58		105	40-150			
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	8.00	4.0	ng/L	7.68		104	40-150			
Perfluorooctanesulfonamide (PFOSA)	1.93	1.0	ng/L	2.00		96.7	40-150			
N-methyl perfluoroocatnesulfonamide (NMeFOSA)	1.97	1.0	ng/L	2.00		98.7	40-150			
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	1.98	1.0	ng/L	2.00		99.2	40-150			
N-MeFOSAA (NMeFOSAA)	2.17	1.0	ng/L	2.00		109	40-150			
N-EtFOSAA (NEtFOSAA)	2.25	1.0	ng/L	2.00		113	40-150			
N-methylperfluorooctanesulfonamidoethanol(NMeFOSE)	20.5	10	ng/L	20.0		103	40-150			
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	20.5	10	ng/L	20.0		103	40-150			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	8.02	4.0	ng/L	7.98		100	40-150			
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	7.21	4.0	ng/L	7.53		95.6	40-150			
9Cl-PF3ONS (F53B Minor)	7.29	4.0	ng/L	7.49		97.4	40-150			
11Cl-PF3OUdS (F53B Major)	7.11	4.0	ng/L	7.53		94.3	40-150			
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	20.1	10	ng/L	20.0		101	40-150			
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	97.9	50	ng/L	99.8		98.1	40-150			
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	91.5	50	ng/L	99.8		91.6	40-150			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	3.41	2.0	ng/L	3.55		95.9	40-150			
Perfluoro-3-methoxypropanoic acid (PFMPA)	3.69	2.0	ng/L	3.99		92.5	40-150			
Perfluoro-4-methoxybutanoic acid (PFMBA)	3.74	2.0	ng/L	3.99		93.6	40-150			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	4.28	2.0	ng/L	3.99		107	40-150			
Surrogate: 13C4-PFBA	*80.5*		ng/L	99.8		80.7	20-150			
Surrogate: 13C5-PFPeA	*43.6*		ng/L	49.9		87.5	20-150			
Surrogate: 13C5-PFHxA	*21.1*		ng/L	25.0		84.5	20-150			

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QUALITY CONTROL

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B334871 - Draft Method 1633										
LCS (B334871-BS1)				Prepared: 03/27/23 Analyzed: 03/30/23						
Surrogate: 13C4-PFHpA	*20.9*		ng/L	25.0		83.9	20-150			
Surrogate: 13C8-PFOA	*20.4*		ng/L	25.0		81.8	20-150			
Surrogate: 13C9-PFNA	*10.7*		ng/L	12.5		85.9	20-150			
Surrogate: 13C6-PFDA	*10.7*		ng/L	12.5		85.7	20-150			
Surrogate: 13C7-PFUnA	*10.1*		ng/L	12.5		81.3	20-150			
Surrogate: 13C2-PFDoA	*9.90*		ng/L	12.5		79.3	20-150			
Surrogate: 13C2-PFTeDA	*9.80*		ng/L	12.5		78.6	20-150			
Surrogate: 13C3-PFBS	*21.2*		ng/L	25.0		85.0	20-150			
Surrogate: 13C3-PFHxS	*21.4*		ng/L	25.0		85.6	20-150			
Surrogate: 13C8-PFOS	*21.2*		ng/L	25.0		84.9	20-150			
Surrogate: 13C2-4:2FTS	*47.5*		ng/L	49.9		95.2	20-150			
Surrogate: 13C2-6:2FTS	*38.7*		ng/L	49.9		77.6	20-150			
Surrogate: 13C2-8:2FTS	*37.6*		ng/L	49.9		75.3	20-150			
Surrogate: 13C8-PFOSA	*20.7*		ng/L	25.0		83.2	20-150			
Surrogate: D3-NMeFOSA	*14.7*		ng/L	25.0		58.8	20-150			
Surrogate: D5-NEtFOSA	*15.4*		ng/L	25.0		61.6	20-150			
Surrogate: D3-NMeFOSAA	*40.6*		ng/L	49.9		81.3	20-150			
Surrogate: D5-NEtFOSAA	*40.2*		ng/L	49.9		80.6	20-150			
Surrogate: D7-NMeFOSE	*193*		ng/L	250		77.3	20-150			
Surrogate: D9-NEtFOSE	*187*		ng/L	250		75.0	20-150			
Surrogate: 13C3-HFPO-DA	*90.0*		ng/L	99.8		90.1	20-150			
LCS (B334871-BS2)				Prepared: 03/27/23 Analyzed: 03/30/23						
Perfluorobutanoic acid (PFBA)	97.4	3.9	ng/L	93.6		104	40-150			
Perfluoropentanoic acid (PFPeA)	47.3	2.0	ng/L	46.8		101	40-150			
Perfluorohexanoic acid (PFHxA)	23.7	0.98	ng/L	23.4		101	40-150			
Perfluoroheptanoic acid (PFHpA)	24.4	0.98	ng/L	23.4		104	40-150			
Perfluorooctanoic acid (PFOA)	23.8	0.98	ng/L	23.4		102	40-150			
Perfluorononanoic acid (PFNA)	23.1	0.98	ng/L	23.4		98.7	40-150			
Perfluorodecanoic acid (PFDA)	24.3	0.98	ng/L	23.4		104	40-150			
Perfluoroundecanoic acid (PFUnA)	23.8	0.98	ng/L	23.4		102	40-150			
Perfluorododecanoic acid (PFDoA)	24.4	0.98	ng/L	23.4		104	40-150			
Perfluorotridecanoic acid (PFTrDA)	22.0	0.98	ng/L	23.4		94.1	40-150			
Perfluorotetradecanoic acid (PFTeDA)	24.6	0.98	ng/L	23.4		105	40-150			
Perfluorobutanesulfonic acid (PFBS)	21.5	0.98	ng/L	20.8		103	40-150			
Perfluoropetanesulfonic acid (PFPeS)	22.4	0.98	ng/L	22.0		102	40-150			
Perfluorohexanesulfonic acid (PFHxS)	21.4	0.98	ng/L	21.4		100	40-150			
Perfluoroheptanesulfonic acid (PFHpS)	22.8	0.98	ng/L	22.3		102	40-150			
Perfluorooctanesulfonic acid (PFOS)	21.2	0.98	ng/L	21.7		97.8	40-150			
Perfluorononanesulfonic acid (PFNS)	20.9	0.98	ng/L	22.5		92.7	40-150			
Perfluorodecanesulfonic acid (PFDS)	19.7	0.98	ng/L	22.6		87.1	40-150			
Perfluorododecanesulfonic acid (PFDoS)	22.0	0.98	ng/L	22.7		96.9	40-150			
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	92.5	3.9	ng/L	87.8		105	40-150			
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	84.8	3.9	ng/L	89.0		95.3	40-150			
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	95.0	3.9	ng/L	90.1		105	40-150			
Perfluorooctanesulfonamide (PFOSA)	22.8	0.98	ng/L	23.4		97.4	40-150			
N-methyl perfluoroocatnesulfonamide (NMeFOSA)	23.7	0.98	ng/L	23.4		101	40-150			
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	23.4	0.98	ng/L	23.4		99.8	40-150			
N-MeFOSAA (NMeFOSAA)	24.6	0.98	ng/L	23.4		105	40-150			

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QUALITY CONTROL

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B334871 - Draft Method 1633										
LCS (B334871-BS2)				Prepared: 03/27/23 Analyzed: 03/30/23						
N-EtFOSAA (NEtFOSAA)	24.0	0.98	ng/L	23.4		102	40-150			
N-methylperfluorooctanesulfonamidoethanol(NMeFOSE)	253	9.8	ng/L	234		108	40-150			
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	264	9.8	ng/L	234		113	40-150			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	97.5	3.9	ng/L	93.6		104	40-150			
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	92.2	3.9	ng/L	88.4		104	40-150			
9Cl-PF3ONS (F53B Minor)	89.5	3.9	ng/L	87.8		102	40-150			
11Cl-PF3OUdS (F53B Major)	75.5	3.9	ng/L	88.4		85.4	40-150			
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	251	9.8	ng/L	234		107	40-150			
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	1290	49	ng/L	1170		111	40-150			
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	1220	49	ng/L	1170		104	40-150			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	43.8	2.0	ng/L	41.7		105	40-150			
Perfluoro-3-methoxypropanoic acid (PFMPA)	46.1	2.0	ng/L	46.8		98.4	40-150			
Perfluoro-4-methoxybutanoic acid (PFMBA)	48.5	2.0	ng/L	46.8		104	40-150			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	53.7	2.0	ng/L	46.8		115	40-150			
Surrogate: 13C4-PFBA	*82.0*		ng/L	97.5		84.1	20-150			
Surrogate: 13C5-PFPeA	*42.9*		ng/L	48.8		87.9	20-150			
Surrogate: 13C5-PFHxA	*20.7*		ng/L	24.4		85.0	20-150			
Surrogate: 13C4-PFHpA	*20.5*		ng/L	24.4		84.1	20-150			
Surrogate: 13C8-PFOA	*21.0*		ng/L	24.4		86.0	20-150			
Surrogate: 13C9-PFNA	*10.6*		ng/L	12.2		87.2	20-150			
Surrogate: 13C6-PFDA	*10.4*		ng/L	12.2		85.5	20-150			
Surrogate: 13C7-PFUnA	*9.13*		ng/L	12.2		74.9	20-150			
Surrogate: 13C2-PFDoA	*8.58*		ng/L	12.2		70.3	20-150			
Surrogate: 13C2-PFTeDA	*9.39*		ng/L	12.2		77.0	20-150			
Surrogate: 13C3-PFBS	*21.0*		ng/L	24.4		86.1	20-150			
Surrogate: 13C3-PFHxS	*21.5*		ng/L	24.4		88.2	20-150			
Surrogate: 13C8-PFOS	*20.8*		ng/L	24.4		85.3	20-150			
Surrogate: 13C2-4:2FTS	*50.9*		ng/L	48.8		104	20-150			
Surrogate: 13C2-6:2FTS	*42.9*		ng/L	48.8		87.9	20-150			
Surrogate: 13C2-8:2FTS	*38.9*		ng/L	48.8		79.7	20-150			
Surrogate: 13C8-PFOSA	*18.4*		ng/L	24.4		75.6	20-150			
Surrogate: D3-NMeFOSA	*13.8*		ng/L	24.4		56.5	20-150			
Surrogate: D5-NEtFOSA	*14.3*		ng/L	24.4		58.5	20-150			
Surrogate: D3-NMeFOSAA	*35.5*		ng/L	48.8		72.9	20-150			
Surrogate: D5-NEtFOSAA	*33.6*		ng/L	48.8		68.9	20-150			
Surrogate: D7-NMeFOSE	*144*		ng/L	244		59.0	20-150			
Surrogate: D9-NEtFOSE	*137*		ng/L	244		56.3	20-150			
Surrogate: 13C3-HFPO-DA	*88.5*		ng/L	97.5		90.7	20-150			

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QUALITY CONTROL

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B333255 - Draft Method 1633										
Blank (B333255-BLK1)				Prepared & Analyzed: 03/06/23						
Total Suspended Solids	ND	5.0	mg/L							
LCS (B333255-BS1)				Prepared & Analyzed: 03/06/23						
Total Suspended Solids	156	5.0	mg/L	200		78.0	64.1-125			
Duplicate (B333255-DUP1)	**Source: 23C0479-08**			Prepared & Analyzed: 03/06/23						
Total Suspended Solids	ND	10	mg/L		ND			NC	10	

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
B-07	Data is not affected by elevated level in laboratory blank since sample result is >10x level found in the blank.
Z-01	Detection in method blank >1/3 MRL

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
Draft Method 1633 in Water	
Total Suspended Solids	CT,MA,NH,NY,RI,NC,ME,VA
Perfluorobutanoic acid (PFBA)	NY
Perfluoropentanoic acid (PFPeA)	NY
Perfluorohexanoic acid (PFHxA)	NY
Perfluoroheptanoic acid (PFHpA)	NY
Perfluorooctanoic acid (PFOA)	NY
Perfluorononanoic acid (PFNA)	NY
Perfluorodecanoic acid (PFDA)	NY
Perfluoroundecanoic acid (PFUnA)	NY
Perfluorododecanoic acid (PFDoA)	NY
Perfluorotridecanoic acid (PFTrDA)	NY
Perfluorotetradecanoic acid (PFTeDA)	NY
Perfluorobutanesulfonic acid (PFBS)	NY
Perfluoropetanesulfonic acid (PFPeS)	NY
Perfluorohexanesulfonic acid (PFHxS)	NY
Perfluoroheptanesulfonic acid (PFHpS)	NY
Perfluorooctanesulfonic acid (PFOS)	NY
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	NY
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	NY
N-MeFOSAA (NMeFOSAA)	NY
N-EtFOSAA (NEtFOSAA)	NY
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NY
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NY
9Cl-PF3ONS (F53B Minor)	NY
11Cl-PF3OUdS (F53B Major)	NY
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NY
Perfluoro-3-methoxypropanoic acid (PFMPA)	NY

Con-Test, a Pace Environmental Laboratory, operates under the following certifications and accreditations:

Code	Description	Number	Expires
MA	Massachusetts DEP	M-MA100	06/30/2023
CT	Connecticut Department of Public Health	PH-0821	12/31/2024
NY	New York State Department of Health	10899 NELAP	04/1/2024
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2024
RI	Rhode Island Department of Health	LAO00373	12/30/2023
NC	North Carolina Div. of Water Quality	652	12/31/2023
ME	State of Maine	MA00100	06/9/2023
VA	Commonwealth of Virginia	460217	12/14/2023

Chain of Custody / Analysis Report

RAMBOLL

Page 1 of 1

Sampler(s): (Signature) Sara Hahne, Liam Blake

23C0414 NM

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 Q4 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

Holding Time:

Package Requirement: Level 2 and Level 3

EDD Format: EQuIS 4-file

Laboratory Use Only
Project Number:
Job Number:
Laboratory ID:
Lab Sample ID:

	Sample Identification: Unique Field Sample ID (sys_sample_code)	Sample Location	Date	Time	Sample Type (See Key)	Sample Matrix (See Key)	Number of Containers	Grab [G] or Composite [C]	Field Filtered? (Y / N)	Analysis Required: Preservatives (see key at bottom)		
										1	0	0
										VOCs by 8620C	PFAS by 1633	1,4-Dioxane by 8270 SIM
1	MW-CPC-39-16-374-20230228-0	MW-CPC-39	2/28/2023	9:25	N	WG	7	G	N	X	X	X
2	MW-CPC-39-16-374-20230228-1	MW-CPC-39	2/28/2023	-----	FD	WG	7	G	N	X	X	X
3	MW-CPC-39-16-374-20230228-2	MW-CPC-39	2/28/2023	10:05	EB	WQ	1	G	N		X	
4	MW-CPC-40-16-312-20230228-0	MW-CPC-40	2/28/2023	11:50	N	WG	7	G	N	X	X	X
5	MW-CPC-41-16-258-20230228-0	MW-CPC-41	2/28/2023	14:20	N	WG	7	G	N	X	X	X
6	MW-CPC-38-16-391-20230301-0	MW-CPC-38	3/1/2023	15:40	N	WG	7	G	N	X	X	X
7	MW-CPC-36-16-251-20230302-0	MW-CPC-36	3/2/2023	9:10	N	WG	7	G	N	X	X	Z
8	MW-CPC-37-16-445-20230302-0	MW-CPC-37	3/2/2023	11:10	N	WG	7	G	N	X	X	X
9	TB-20230302	-----	3/2/2023	-----	TB	WQ	1	G	N	X		
10												
11												
12												
13												
14												

BCH

Special Instructions: 3 coolers in shipment

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

Relinquished by: Sara Hahne	Date: 3/2/2023	Courier Name: FedEx	Date: 3/2/2023
Of: Ramboll	Time: 13:30	Tracking #s: 791336879281; 791336879270; 791336879292;	Time: 13:30
Relinquished by:	Date:	Courier Name:	Date:
Of:	Time:	Tracking #:	Time:
Courier Name: FedEx	Date:	Received By:	Date: 3/3/23 1002
Tracking #:	Time:	Of: 3.3,3.0°C 2.1°C	Time:

Condition:

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

Cooler Temperature:

Other comments or notes regarding condition of samples as received:

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 = Surface Water, WW = Waste Water, WP = Potable Water, AA = Ambient Air, Other (Specify):
Preservative Code: 0 = none, 1 = HCL, 2 = HNO_3, 3 = H_2SO_4, 4 = NaOH, 5 = Zn Acetate, 6 = MeOH, 7 = $NaHSO_4$, 8 = Na_3PO_4, 9 = BenzalkoniumCl, 10 = other

Table of Contents

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FedEx® Tracking

DELIVERED

Friday

3/3/2023 at 10:02 am

Signed for by: C.HENRIQUEZ

Obtain Proof of delivery

DELIVERY STATUS

Delivered

TRACKING ID

791336879270

FROM
OLD BETHPAGE, NY US

Label Created
2/20/2023 10:31 AM

PACKAGE RECEIVED BY FEDEX
GARDEN CITY, NY
3/2/2023 6:17 PM

IN TRANSIT
WINDSOR LOCKS, CT
3/3/2023 7:21 AM

OUT FOR DELIVERY
WINDSOR LOCKS, CT
3/3/2023 7:29 AM

DELIVERED
East Longmeadow, MA US

Delivered
3/3/2023 at 10:02 AM

View travel history

Want updates on this shipment? Enter your email and we will do the rest!

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Log In Back-Sheet

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

Pace PEOPLE ADVANCING SCIENCE

Client Rumball

Project Claremont Polychemical SiHQ4 low-flow

MCP/RCP Required N/A

Deliverable Package Req. N/A

Location Old Bethpage Any

PWSID# (When Applicable) NA

Arrival Method:

Courier ☐ Fed Ex ☑ Walk In ☐ Other ☐

Received By / Date / Time AA554 3/3/23 1002

Back-Sheet By / Date / Time LA 3/3/23 1815

Temperature Method Gun #5

Temp ☑ < 6° C Actual Temperature 3.3/3.0/2.1

Rush Samples: Yes / (No) Notify

Short Hold: Yes / ~~No~~ / Notify

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

Notes regarding Samples/COC outside of SOP:

COC Included: (Check all included)

Client ☑ Analysis ☑ Sampler Name ☑

Project ☑ IDs ☑ Collection Date/Time ☑

All Samples Proper pH: (N/A) ☐ ☐

Container (Circle when applicable)	UnP	HCl	HNO3	H2SO4	NaOH	Trizma	NaS2O3	Other Preservative
1L Amber Plastic								
500 mL Amber (Plastic)	15							
250 mL Amber ~~Plastic~~								
Other Amber Clear ~~Plastic~~	7							
16oz Amber Clear								
8oz Amber Clear								
4oz Amber Clear								
2oz Amber Clear								
Col/Bacteria								
Flashpoint								
Plastic Bag								
SOC Kit								
Perchlorate								
Encore								
Frozen								

	Proper Headspace	UnP	HCl	MeOH	Bisulfate	DI	Thiosulfate	Sulfuric	Other
Vials									

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March 16, 2023

Payson Long
NYDEC_Ramboll US Consulting, Inc. - Syracuse
333 West Washington Street, PO Box 4873
Syracuse, NY 13221

Project Location: Old Bethage, New York
Client Job Number:
Project Number: 130015
Laboratory Work Order Number: 23C0481

Enclosed are results of analyses for samples as received by the laboratory on March 3, 2023. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kyle A. Murray
Project Manager

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

NYDEC_Ramboll US Consulting, Inc. - Syracuse
333 West Washington Street, PO Box 4873
Syracuse, NY 13221
ATTN: Payson Long

REPORT DATE: 3/16/2023

PURCHASE ORDER NUMBER: 144165

PROJECT NUMBER: 130015

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 23C0481

The results of analyses performed on the following samples submitted to CON-TEST, a Pace Analytical Laboratory, are found in this report.

PROJECT LOCATION: Old Bethage, New York

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW-CPC-39-16-374-20230228-0	23C0481-01	Ground Water		SW-846 8260D	
				SW-846 8270E	
MW-CPC-39-16-374-20230228-01	23C0481-02	Ground Water		SW-846 8260D	
				SW-846 8270E	
MW-CPC-40-16-312-20230228-0	23C0481-03	Ground Water		SW-846 8260D	
				SW-846 8270E	
MW-CPC-41-16-258-20230228-0	23C0481-04	Ground Water		SW-846 8260D	
				SW-846 8270E	
MW-CPC-38-16-391-20230301-0	23C0481-05	Ground Water		SW-846 8260D	
				SW-846 8270E	
MW-CPC-36-16-251-20230302-0	23C0481-06	Ground Water		SW-846 8260D	
				SW-846 8270E	
MW-CPC-37-16-445-20230302-0	23C0481-07	Ground Water		SW-846 8260D	
				SW-846 8270E	
TB-20230302	23C0481-08	Ground Water		SW-846 8260D	

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CASE NARRATIVE SUMMARY

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

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:

Chloromethane

23C0481-01[MW-CPC-39-16-374-20230228-0], 23C0481-02[MW-CPC-39-16-374-20230228-01], 23C0481-03[MW-CPC-40-16-312-20230228-0], 23C0481-04[MW-CPC-41-16-258-20230228-0], 23C0481-05[MW-CPC-38-16-391-20230301-0], 23C0481-06[MW-CPC-36-16-251-20230302-0], 23C0481-07[MW-CPC-37-16-445-20230302-0], 23C0481-08[TB-20230302], B333416-BLK1, B333416-BS1, B333416-BSD1, S084274-CCV1

V-20

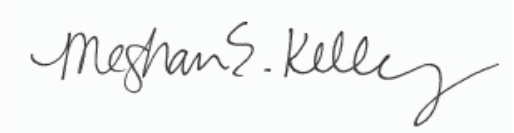
Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

Vinyl Chloride

B333416-BS1, B333416-BSD1, S084274-CCV1

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



Meghan E. Kelley
Reporting Specialist

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

Project Location: Old Bethage, New York | Sample Description: | Work Order: 23C0481

Date Received: 3/3/2023

Field Sample #: MW-CPC-39-16-374-20230228-0 | Sampled: 2/28/2023 09:25

Sample ID: 23C0481-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	3/7/23	3/8/23 0:28	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH

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Project Location: Old Bethage, New York Sample Description: Work Order: 23C0481

Date Received: 3/3/2023

Field Sample #: MW-CPC-39-16-374-20230228-0 Sampled: 2/28/2023 09:25

Sample ID: 23C0481-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:28	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	93.6	70-130		3/8/23 0:28
Toluene-d8	103	70-130		3/8/23 0:28
4-Bromofluorobenzene	99.9	70-130		3/8/23 0:28

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Project Location: Old Bethage, New York
Sample Description:
Work Order: 23C0481

Date Received: 3/3/2023

Field Sample #: MW-CPC-39-16-374-20230228-0
Sampled: 2/28/2023 09:25

Sample ID: 23C0481-01

Sample Matrix: Ground Water

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	ND	0.20	µg/L	1		SW-846 8270E	3/6/23	3/13/23 12:03	SPF

Surrogates	% Recovery	Recovery Limits	Flag/Qual					
1,4-Dioxane-d8	26.6	15-110						3/13/23 12:03

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Project Location: Old Bethage, New York Sample Description: Work Order: 23C0481

Date Received: 3/3/2023

Field Sample #: MW-CPC-39-16-374-20230228-01 Sampled: 2/28/2023 00:00

Sample ID: 23C0481-02

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	3/7/23	3/8/23 0:56	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	3/7/23	3/8/23 0:56	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH

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Project Location: Old Bethage, New York | Sample Description: | Work Order: 23C0481

Date Received: 3/3/2023

Field Sample #: MW-CPC-39-16-374-20230228-01 | Sampled: 2/28/2023 00:00

Sample ID: 23C0481-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:56	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	92.0	70-130		3/8/23 0:56
Toluene-d8	101	70-130		3/8/23 0:56
4-Bromofluorobenzene	101	70-130		3/8/23 0:56

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Project Location: Old Bethage, New York Sample Description: Work Order: 23C0481

Date Received: 3/3/2023

Field Sample #: MW-CPC-39-16-374-20230228-01 Sampled: 2/28/2023 00:00

Sample ID: 23C0481-02

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	3/6/23	3/13/23 12:24	SPF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,4-Dioxane-d8	23.3	15-110		3/13/23 12:24

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Project Location: Old Bethage, New York | Sample Description: | Work Order: 23C0481

Date Received: 3/3/2023

Field Sample #: MW-CPC-40-16-312-20230228-0 | Sampled: 2/28/2023 11:50

Sample ID: 23C0481-03

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	3/7/23	3/8/23 1:23	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	3/7/23	3/8/23 1:23	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
1,1-Dichloroethane	6.6	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
1,1-Dichloroethylene	1.8	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH

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Project Location: Old Bethage, New York | Sample Description: | Work Order: 23C0481

Date Received: 3/3/2023

Field Sample #: MW-CPC-40-16-312-20230228-0 | Sampled: 2/28/2023 11:50

Sample ID: 23C0481-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
1,1,1-Trichloroethane	1.8	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
Trichloroethylene	2.3	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:23	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	93.0	70-130		3/8/23	1:23
Toluene-d8	99.0	70-130		3/8/23	1:23
4-Bromofluorobenzene	101	70-130		3/8/23	1:23

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Project Location: Old Bethage, New York Sample Description: Work Order: 23C0481

Date Received: 3/3/2023

Field Sample #: MW-CPC-40-16-312-20230228-0 Sampled: 2/28/2023 11:50

Sample ID: 23C0481-03

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	3/6/23	3/14/23 12:00	SPF

Surrogates	% Recovery	Recovery Limits	Flag/Qual					
1,4-Dioxane-d8	43.3	15-110						3/14/23 12:00

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Project Location: Old Bethage, New York | Sample Description: | Work Order: 23C0481

Date Received: 3/3/2023

Field Sample #: MW-CPC-41-16-258-20230228-0 | Sampled: 2/28/2023 14:20

Sample ID: 23C0481-04

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	3/7/23	3/8/23 1:51	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	3/7/23	3/8/23 1:51	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH

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Project Location: Old Bethage, New York | Sample Description: | Work Order: 23C0481

Date Received: 3/3/2023

Field Sample #: MW-CPC-41-16-258-20230228-0 | Sampled: 2/28/2023 14:20

Sample ID: 23C0481-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
Tetrachloroethylene	6.4	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 1:51	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	95.4	70-130		3/8/23 1:51
Toluene-d8	101	70-130		3/8/23 1:51
4-Bromofluorobenzene	102	70-130		3/8/23 1:51

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

Project Location: Old Bethage, New York | Sample Description: | Work Order: 23C0481

Date Received: 3/3/2023

Field Sample #: MW-CPC-41-16-258-20230228-0 | Sampled: 2/28/2023 14:20

Sample ID: 23C0481-04

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	3.7	0.19	µg/L	1		SW-846 8270E	3/6/23	3/14/23 12:20	SPF

Surrogates	% Recovery	Recovery Limits	Flag/Qual				
1,4-Dioxane-d8	24.8	15-110					3/14/23 12:20

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Project Location: Old Bethage, New York | Sample Description: | Work Order: 23C0481

Date Received: 3/3/2023

Field Sample #: MW-CPC-38-16-391-20230301-0 | Sampled: 2/28/2023 15:40

Sample ID: 23C0481-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	3/7/23	3/8/23 2:19	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH

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Project Location: Old Bethage, New York | Sample Description: | Work Order: 23C0481

Date Received: 3/3/2023

Field Sample #: MW-CPC-38-16-391-20230301-0 | Sampled: 2/28/2023 15:40

Sample ID: 23C0481-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:19	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	93.2	70-130		3/8/23 2:19
Toluene-d8	99.5	70-130		3/8/23 2:19
4-Bromofluorobenzene	102	70-130		3/8/23 2:19

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Project Location: Old Bethage, New York Sample Description: Work Order: 23C0481

Date Received: 3/3/2023

Field Sample #: MW-CPC-38-16-391-20230301-0 Sampled: 2/28/2023 15:40

Sample ID: 23C0481-05

Sample Matrix: Ground Water

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	0.71	0.20	µg/L	1		SW-846 8270E	3/6/23	3/14/23 12:41	SPF

Surrogates	% Recovery	Recovery Limits	Flag/Qual				
1,4-Dioxane-d8	22.2	15-110					3/14/23 12:41

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

Project Location: Old Bethage, New York | Sample Description: | Work Order: 23C0481

Date Received: 3/3/2023

Field Sample #: MW-CPC-36-16-251-20230302-0 | Sampled: 2/28/2023 09:10

Sample ID: 23C0481-06

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	3/7/23	3/8/23 3:14	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
Benzene	19	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	3/7/23	3/8/23 3:14	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
1,2-Dichloroethane	1.8	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
1,1-Dichloroethylene	1.9	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
cis-1,2-Dichloroethylene	49	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH

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Project Location: Old Bethage, New York | Sample Description: | Work Order: 23C0481

Date Received: 3/3/2023

Field Sample #: MW-CPC-36-16-251-20230302-0 | Sampled: 2/28/2023 09:10

Sample ID: 23C0481-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
Tetrachloroethylene	20	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
1,1,1-Trichloroethane	1.3	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
Trichloroethylene	5.9	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 3:14	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	93.6	70-130			3/8/23 3:14
Toluene-d8	101	70-130			3/8/23 3:14
4-Bromofluorobenzene	101	70-130			3/8/23 3:14

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Project Location: Old Bethage, New York Sample Description: Work Order: 23C0481

Date Received: 3/3/2023

Field Sample #: MW-CPC-36-16-251-20230302-0 Sampled: 2/28/2023 09:10

Sample ID: 23C0481-06

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	9.5	0.19	µg/L	1		SW-846 8270E	3/6/23	3/14/23 13:01	SPF

Surrogates	% Recovery	Recovery Limits	Flag/Qual					
1,4-Dioxane-d8	25.6	15-110						3/14/23 13:01

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Project Location: Old Bethage, New York | Sample Description: | Work Order: 23C0481

Date Received: 3/3/2023

Field Sample #: MW-CPC-37-16-445-20230302-0 | Sampled: 2/28/2023 11:10

Sample ID: 23C0481-07

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	3/7/23	3/8/23 2:46	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	3/7/23	3/8/23 2:46	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
1,1-Dichloroethane	1.6	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
cis-1,2-Dichloroethylene	4.4	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH

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Project Location: Old Bethage, New York | Sample Description: | Work Order: 23C0481

Date Received: 3/3/2023

Field Sample #: MW-CPC-37-16-445-20230302-0 | Sampled: 2/28/2023 11:10

Sample ID: 23C0481-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 2:46	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	94.5	70-130			3/8/23 2:46
Toluene-d8	102	70-130			3/8/23 2:46
4-Bromofluorobenzene	100	70-130			3/8/23 2:46

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Project Location: Old Bethage, New York Sample Description: Work Order: 23C0481

Date Received: 3/3/2023

Field Sample #: MW-CPC-37-16-445-20230302-0 Sampled: 2/28/2023 11:10

Sample ID: 23C0481-07

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	29	0.19	µg/L	1		SW-846 8270E	3/6/23	3/14/23 13:21	SPF

Surrogates	% Recovery	Recovery Limits	Flag/Qual				
1,4-Dioxane-d8	26.3	15-110					3/14/23 13:21

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Project Location: Old Bethage, New York | Sample Description: | Work Order: 23C0481

Date Received: 3/3/2023

Field Sample #: TB-20230302 | Sampled: 2/28/2023 00:00

Sample ID: 23C0481-08

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	3/7/23	3/8/23 0:00	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	3/7/23	3/8/23 0:00	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH

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Project Location: Old Bethage, New York | Sample Description: | Work Order: 23C0481

Date Received: 3/3/2023

Field Sample #: TB-20230302 | Sampled: 2/28/2023 00:00

Sample ID: 23C0481-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/7/23	3/8/23 0:00	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	91.3	70-130		3/8/23 0:00
Toluene-d8	100	70-130		3/8/23 0:00
4-Bromofluorobenzene	101	70-130		3/8/23 0:00

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Sample Extraction Data

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
23C0481-01 [MW-CPC-39-16-374-20230228-0]	B333416	5	5.00	03/07/23
23C0481-02 [MW-CPC-39-16-374-20230228-01]	B333416	5	5.00	03/07/23
23C0481-03 [MW-CPC-40-16-312-20230228-0]	B333416	5	5.00	03/07/23
23C0481-04 [MW-CPC-41-16-258-20230228-0]	B333416	5	5.00	03/07/23
23C0481-05 [MW-CPC-38-16-391-20230301-0]	B333416	5	5.00	03/07/23
23C0481-06 [MW-CPC-36-16-251-20230302-0]	B333416	5	5.00	03/07/23
23C0481-07 [MW-CPC-37-16-445-20230302-0]	B333416	5	5.00	03/07/23
23C0481-08 [TB-20230302]	B333416	5	5.00	03/07/23

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
23C0481-01 [MW-CPC-39-16-374-20230228-0]	B333273	980	1.00	03/06/23
23C0481-02 [MW-CPC-39-16-374-20230228-01]	B333273	1030	1.00	03/06/23
23C0481-03 [MW-CPC-40-16-312-20230228-0]	B333273	1030	1.00	03/06/23
23C0481-04 [MW-CPC-41-16-258-20230228-0]	B333273	1040	1.00	03/06/23
23C0481-05 [MW-CPC-38-16-391-20230301-0]	B333273	1000	1.00	03/06/23
23C0481-06 [MW-CPC-36-16-251-20230302-0]	B333273	1030	1.00	03/06/23
23C0481-07 [MW-CPC-37-16-445-20230302-0]	B333273	1030	1.00	03/06/23

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B333416 - SW-846 5030B										
Blank (B333416-BLK1)				Prepared & Analyzed: 03/07/23						
Acetone	ND	50	µg/L							
Acrylonitrile	ND	5.0	µg/L							
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							
Benzene	ND	1.0	µg/L							
Bromobenzene	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							
tert-Butyl Alcohol (TBA)	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							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	5.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							V-05
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	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							
trans-1,4-Dichloro-2-butene	ND	2.0	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							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.60	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							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B333416 - SW-846 5030B										
Blank (B333416-BLK1)				Prepared & Analyzed: 03/07/23						
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							
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Tetrahydrofuran	ND	10	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							
1,3,5-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							
Surrogate: 1,2-Dichloroethane-d4	*23.2*		µg/L	25.0		92.9	70-130			
Surrogate: Toluene-d8	*25.2*		µg/L	25.0		101	70-130			
Surrogate: 4-Bromofluorobenzene	*25.3*		µg/L	25.0		101	70-130			
LCS (B333416-BS1)				Prepared & Analyzed: 03/07/23						
Acetone	103	50	µg/L	100		103	70-160			†
Acrylonitrile	10.6	5.0	µg/L	10.0		106	70-130			
tert-Amyl Methyl Ether (TAME)	9.62	0.50	µg/L	10.0		96.2	70-130			
Benzene	9.58	1.0	µg/L	10.0		95.8	70-130			
Bromobenzene	10.4	1.0	µg/L	10.0		104	70-130			
Bromochloromethane	10.7	1.0	µg/L	10.0		107	70-130			
Bromodichloromethane	9.58	0.50	µg/L	10.0		95.8	70-130			
Bromoform	11.0	1.0	µg/L	10.0		110	70-130			
Bromomethane	9.08	2.0	µg/L	10.0		90.8	40-160			†
2-Butanone (MEK)	114	20	µg/L	100		114	40-160			†
tert-Butyl Alcohol (TBA)	113	20	µg/L	100		113	40-160			†
n-Butylbenzene	10.2	1.0	µg/L	10.0		102	70-130			
sec-Butylbenzene	10.4	1.0	µg/L	10.0		104	70-130			
tert-Butylbenzene	10.4	1.0	µg/L	10.0		104	70-130			
tert-Butyl Ethyl Ether (TBEE)	9.85	0.50	µg/L	10.0		98.5	70-130			
Carbon Disulfide	107	5.0	µg/L	100		107	70-130			
Carbon Tetrachloride	10.4	5.0	µg/L	10.0		104	70-130			
Chlorobenzene	10.5	1.0	µg/L	10.0		105	70-130			
Chlorodibromomethane	10.3	0.50	µg/L	10.0		103	70-130			
Chloroethane	10.8	2.0	µg/L	10.0		108	70-130			
Chloroform	9.68	2.0	µg/L	10.0		96.8	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B333416 - SW-846 5030B											
LCS (B333416-BS1)				Prepared & Analyzed: 03/07/23							
Chloromethane	8.89	2.0	µg/L	10.0		88.9	40-160			V-05	†
2-Chlorotoluene	10.1	1.0	µg/L	10.0		101	70-130				
4-Chlorotoluene	10.5	1.0	µg/L	10.0		105	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	9.20	5.0	µg/L	10.0		92.0	70-130				
1,2-Dibromoethane (EDB)	10.4	0.50	µg/L	10.0		104	70-130				
Dibromomethane	10.2	1.0	µg/L	10.0		102	70-130				
1,2-Dichlorobenzene	10.1	1.0	µg/L	10.0		101	70-130				
1,3-Dichlorobenzene	10.0	1.0	µg/L	10.0		100	70-130				
1,4-Dichlorobenzene	9.71	1.0	µg/L	10.0		97.1	70-130				
trans-1,4-Dichloro-2-butene	9.93	2.0	µg/L	10.0		99.3	70-130				
Dichlorodifluoromethane (Freon 12)	9.42	2.0	µg/L	10.0		94.2	40-160				†
1,1-Dichloroethane	10.0	1.0	µg/L	10.0		100	70-130				
1,2-Dichloroethane	8.94	1.0	µg/L	10.0		89.4	70-130				
1,1-Dichloroethylene	10.8	1.0	µg/L	10.0		108	70-130				
cis-1,2-Dichloroethylene	9.83	1.0	µg/L	10.0		98.3	70-130				
trans-1,2-Dichloroethylene	9.56	1.0	µg/L	10.0		95.6	70-130				
1,2-Dichloropropane	9.97	1.0	µg/L	10.0		99.7	70-130				
1,3-Dichloropropane	9.84	0.50	µg/L	10.0		98.4	70-130				
2,2-Dichloropropane	8.30	1.0	µg/L	10.0		83.0	40-130				†
1,1-Dichloropropene	9.90	2.0	µg/L	10.0		99.0	70-130				
cis-1,3-Dichloropropene	10.1	0.50	µg/L	10.0		101	70-130				
trans-1,3-Dichloropropene	9.56	0.50	µg/L	10.0		95.6	70-130				
Diethyl Ether	10.5	2.0	µg/L	10.0		105	70-130				
Diisopropyl Ether (DIPE)	10.7	0.50	µg/L	10.0		107	70-130				
1,4-Dioxane	109	50	µg/L	100		109	40-130				†
Ethylbenzene	10.7	1.0	µg/L	10.0		107	70-130				
Hexachlorobutadiene	10.3	0.60	µg/L	10.0		103	70-130				
2-Hexanone (MBK)	115	10	µg/L	100		115	70-160				†
Isopropylbenzene (Cumene)	10.8	1.0	µg/L	10.0		108	70-130				
p-Isopropyltoluene (p-Cymene)	10.2	1.0	µg/L	10.0		102	70-130				
Methyl Acetate	11.1	1.0	µg/L	10.0		111	70-130				
Methyl tert-Butyl Ether (MTBE)	9.83	1.0	µg/L	10.0		98.3	70-130				
Methyl Cyclohexane	10.4	1.0	µg/L	10.0		104	70-130				
Methylene Chloride	10.2	5.0	µg/L	10.0		102	70-130				
4-Methyl-2-pentanone (MIBK)	115	10	µg/L	100		115	70-160				†
Naphthalene	10.2	2.0	µg/L	10.0		102	40-130				†
n-Propylbenzene	10.9	1.0	µg/L	10.0		109	70-130				
Styrene	11.0	1.0	µg/L	10.0		110	70-130				
1,1,1,2-Tetrachloroethane	11.1	1.0	µg/L	10.0		111	70-130				
1,1,2,2-Tetrachloroethane	10.6	0.50	µg/L	10.0		106	70-130				
Tetrachloroethylene	10.4	1.0	µg/L	10.0		104	70-130				
Tetrahydrofuran	11.4	10	µg/L	10.0		114	70-130				
Toluene	9.97	1.0	µg/L	10.0		99.7	70-130				
1,2,3-Trichlorobenzene	10.1	5.0	µg/L	10.0		101	70-130				
1,2,4-Trichlorobenzene	9.92	1.0	µg/L	10.0		99.2	70-130				
1,3,5-Trichlorobenzene	9.92	1.0	µg/L	10.0		99.2	70-130				
1,1,1-Trichloroethane	10.0	1.0	µg/L	10.0		100	70-130				
1,1,2-Trichloroethane	9.99	1.0	µg/L	10.0		99.9	70-130				
Trichloroethylene	10.4	1.0	µg/L	10.0		104	70-130				
Trichlorofluoromethane (Freon 11)	10.8	2.0	µg/L	10.0		108	70-130				
1,2,3-Trichloropropane	10.7	2.0	µg/L	10.0		107	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B333416 - SW-846 5030B											
LCS (B333416-BS1)				Prepared & Analyzed: 03/07/23							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.0	1.0	µg/L	10.0		110	70-130				
1,2,4-Trimethylbenzene	10.1	1.0	µg/L	10.0		101	70-130				
1,3,5-Trimethylbenzene	10.9	1.0	µg/L	10.0		109	70-130				
Vinyl Chloride	14.1	2.0	µg/L	10.0		141	40-160			V-20	†
m+p Xylene	21.5	2.0	µg/L	20.0		107	70-130				
o-Xylene	10.8	1.0	µg/L	10.0		108	70-130				
Surrogate: 1,2-Dichloroethane-d4	*23.8*		µg/L	25.0		95.3	70-130				
Surrogate: Toluene-d8	*25.2*		µg/L	25.0		101	70-130				
Surrogate: 4-Bromofluorobenzene	*25.8*		µg/L	25.0		103	70-130				
LCS Dup (B333416-BSD1)				Prepared & Analyzed: 03/07/23							
Acetone	96.7	50	µg/L	100		96.7	70-160	6.30	25		†
Acrylonitrile	10.1	5.0	µg/L	10.0		101	70-130	4.65	25		
tert-Amyl Methyl Ether (TAME)	9.51	0.50	µg/L	10.0		95.1	70-130	1.15	25		
Benzene	9.24	1.0	µg/L	10.0		92.4	70-130	3.61	25		
Bromobenzene	10.2	1.0	µg/L	10.0		102	70-130	2.13	25		
Bromochloromethane	10.5	1.0	µg/L	10.0		105	70-130	1.23	25		
Bromodichloromethane	9.40	0.50	µg/L	10.0		94.0	70-130	1.90	25		
Bromoform	10.6	1.0	µg/L	10.0		106	70-130	3.60	25		
Bromomethane	10.2	2.0	µg/L	10.0		102	40-160	11.3	25		†
2-Butanone (MEK)	99.2	20	µg/L	100		99.2	40-160	13.8	25		†
tert-Butyl Alcohol (TBA)	98.8	20	µg/L	100		98.8	40-160	13.6	25		†
n-Butylbenzene	10.2	1.0	µg/L	10.0		102	70-130	0.587	25		
sec-Butylbenzene	10.4	1.0	µg/L	10.0		104	70-130	0.0964	25		
tert-Butylbenzene	10.5	1.0	µg/L	10.0		105	70-130	0.382	25		
tert-Butyl Ethyl Ether (TBEE)	9.73	0.50	µg/L	10.0		97.3	70-130	1.23	25		
Carbon Disulfide	106	5.0	µg/L	100		106	70-130	0.732	25		
Carbon Tetrachloride	9.95	5.0	µg/L	10.0		99.5	70-130	3.94	25		
Chlorobenzene	10.4	1.0	µg/L	10.0		104	70-130	0.858	25		
Chlorodibromomethane	10.3	0.50	µg/L	10.0		103	70-130	0.0972	25		
Chloroethane	11.6	2.0	µg/L	10.0		116	70-130	7.25	25		
Chloroform	9.19	2.0	µg/L	10.0		91.9	70-130	5.19	25		
Chloromethane	10.6	2.0	µg/L	10.0		106	40-160	17.3	25	V-05	†
2-Chlorotoluene	9.74	1.0	µg/L	10.0		97.4	70-130	3.23	25		
4-Chlorotoluene	10.3	1.0	µg/L	10.0		103	70-130	1.64	25		
1,2-Dibromo-3-chloropropane (DBCP)	8.75	5.0	µg/L	10.0		87.5	70-130	5.01	25		
1,2-Dibromoethane (EDB)	10.5	0.50	µg/L	10.0		105	70-130	0.862	25		
Dibromomethane	9.81	1.0	µg/L	10.0		98.1	70-130	3.70	25		
1,2-Dichlorobenzene	10.2	1.0	µg/L	10.0		102	70-130	1.28	25		
1,3-Dichlorobenzene	10.1	1.0	µg/L	10.0		101	70-130	0.795	25		
1,4-Dichlorobenzene	9.80	1.0	µg/L	10.0		98.0	70-130	0.923	25		
trans-1,4-Dichloro-2-butene	10.3	2.0	µg/L	10.0		103	70-130	3.37	25		
Dichlorodifluoromethane (Freon 12)	9.40	2.0	µg/L	10.0		94.0	40-160	0.213	25		†
1,1-Dichloroethane	9.58	1.0	µg/L	10.0		95.8	70-130	4.59	25		
1,2-Dichloroethane	8.83	1.0	µg/L	10.0		88.3	70-130	1.24	25		
1,1-Dichloroethylene	10.7	1.0	µg/L	10.0		107	70-130	0.836	25		
cis-1,2-Dichloroethylene	9.84	1.0	µg/L	10.0		98.4	70-130	0.102	25		
trans-1,2-Dichloroethylene	9.50	1.0	µg/L	10.0		95.0	70-130	0.630	25		
1,2-Dichloropropane	9.48	1.0	µg/L	10.0		94.8	70-130	5.04	25		
1,3-Dichloropropane	9.83	0.50	µg/L	10.0		98.3	70-130	0.102	25		
2,2-Dichloropropane	8.17	1.0	µg/L	10.0		81.7	40-130	1.58	25		†
1,1-Dichloropropene	9.61	2.0	µg/L	10.0		96.1	70-130	2.97	25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B333416 - SW-846 5030B											
LCS Dup (B333416-BSD1)				Prepared & Analyzed: 03/07/23							
cis-1,3-Dichloropropene	9.90	0.50	µg/L	10.0		99.0	70-130	1.80	25		
trans-1,3-Dichloropropene	9.45	0.50	µg/L	10.0		94.5	70-130	1.16	25		
Diethyl Ether	10.6	2.0	µg/L	10.0		106	70-130	1.42	25		
Diisopropyl Ether (DIPE)	10.5	0.50	µg/L	10.0		105	70-130	1.32	25		
1,4-Dioxane	97.9	50	µg/L	100		97.9	40-130	10.8	50		† ‡
Ethylbenzene	10.6	1.0	µg/L	10.0		106	70-130	0.752	25		
Hexachlorobutadiene	10.2	0.60	µg/L	10.0		102	70-130	0.683	25		
2-Hexanone (MBK)	103	10	µg/L	100		103	70-160	11.3	25		†
Isopropylbenzene (Cumene)	10.7	1.0	µg/L	10.0		107	70-130	1.58	25		
p-Isopropyltoluene (p-Cymene)	10.3	1.0	µg/L	10.0		103	70-130	0.0975	25		
Methyl Acetate	10.2	1.0	µg/L	10.0		102	70-130	7.80	25		
Methyl tert-Butyl Ether (MTBE)	9.49	1.0	µg/L	10.0		94.9	70-130	3.52	25		
Methyl Cyclohexane	10.0	1.0	µg/L	10.0		100	70-130	3.43	25		
Methylene Chloride	10.5	5.0	µg/L	10.0		105	70-130	2.79	25		
4-Methyl-2-pentanone (MIBK)	106	10	µg/L	100		106	70-160	8.43	25		†
Naphthalene	9.37	2.0	µg/L	10.0		93.7	40-130	8.87	25		†
n-Propylbenzene	10.8	1.0	µg/L	10.0		108	70-130	0.461	25		
Styrene	11.0	1.0	µg/L	10.0		110	70-130	0.274	25		
1,1,1,2-Tetrachloroethane	11.0	1.0	µg/L	10.0		110	70-130	0.634	25		
1,1,2,2-Tetrachloroethane	10.6	0.50	µg/L	10.0		106	70-130	0.00	25		
Tetrachloroethylene	10.3	1.0	µg/L	10.0		103	70-130	1.45	25		
Tetrahydrofuran	10.8	10	µg/L	10.0		108	70-130	6.03	25		
Toluene	9.81	1.0	µg/L	10.0		98.1	70-130	1.62	25		
1,2,3-Trichlorobenzene	9.44	5.0	µg/L	10.0		94.4	70-130	6.56	25		
1,2,4-Trichlorobenzene	9.84	1.0	µg/L	10.0		98.4	70-130	0.810	25		
1,3,5-Trichlorobenzene	9.93	1.0	µg/L	10.0		99.3	70-130	0.101	25		
1,1,1-Trichloroethane	9.92	1.0	µg/L	10.0		99.2	70-130	1.10	25		
1,1,2-Trichloroethane	9.97	1.0	µg/L	10.0		99.7	70-130	0.200	25		
Trichloroethylene	10.0	1.0	µg/L	10.0		100	70-130	3.23	25		
Trichlorofluoromethane (Freon 11)	10.7	2.0	µg/L	10.0		107	70-130	0.929	25		
1,2,3-Trichloropropane	10.0	2.0	µg/L	10.0		100	70-130	6.57	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8	1.0	µg/L	10.0		108	70-130	2.57	25		
1,2,4-Trimethylbenzene	10.1	1.0	µg/L	10.0		101	70-130	0.0987	25		
1,3,5-Trimethylbenzene	10.7	1.0	µg/L	10.0		107	70-130	1.85	25		
Vinyl Chloride	14.4	2.0	µg/L	10.0		144	40-160	2.32	25	V-20	†
m+p Xylene	21.2	2.0	µg/L	20.0		106	70-130	1.08	25		
o-Xylene	10.6	1.0	µg/L	10.0		106	70-130	1.96	25		
Surrogate: 1,2-Dichloroethane-d4	*23.6*		µg/L	25.0		94.3	70-130				
Surrogate: Toluene-d8	*24.9*		µg/L	25.0		99.7	70-130				
Surrogate: 4-Bromofluorobenzene	*25.6*		µg/L	25.0		102	70-130				

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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 B333273 - SW-846 3510C										
Blank (B333273-BLK1)				Prepared: 03/06/23 Analyzed: 03/13/23						
1,4-Dioxane	ND	0.20	µg/L							
Surrogate: 1,4-Dioxane-d8	*2.90*		µg/L	10.0		29.0	15-110			
LCS (B333273-BS1)				Prepared: 03/06/23 Analyzed: 03/13/23						
1,4-Dioxane	13.3	0.20	µg/L	10.0		133	40-140			
Surrogate: 1,4-Dioxane-d8	*3.36*		µg/L	10.0		33.6	15-110			
LCS Dup (B333273-BSD1)				Prepared: 03/06/23 Analyzed: 03/13/23						
1,4-Dioxane	13.6	0.20	µg/L	10.0		136	40-140	1.63	30	
Surrogate: 1,4-Dioxane-d8	*3.03*		µg/L	10.0		30.3	15-110			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
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.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Water	
Acetone	CT,ME,NH,VA,NY
Acrylonitrile	CT,ME,NH,VA,NY
tert-Amyl Methyl Ether (TAME)	ME,NH,VA,NY
Benzene	CT,ME,NH,VA,NY
Bromobenzene	ME,NY
Bromochloromethane	ME,NH,VA,NY
Bromodichloromethane	CT,ME,NH,VA,NY
Bromoform	CT,ME,NH,VA,NY
Bromomethane	CT,ME,NH,VA,NY
2-Butanone (MEK)	CT,ME,NH,VA,NY
tert-Butyl Alcohol (TBA)	ME,NH,VA,NY
n-Butylbenzene	ME,VA,NY
sec-Butylbenzene	ME,VA,NY
tert-Butylbenzene	ME,VA,NY
tert-Butyl Ethyl Ether (TBEE)	ME,NH,VA,NY
Carbon Disulfide	CT,ME,NH,VA,NY
Carbon Tetrachloride	CT,ME,NH,VA,NY
Chlorobenzene	CT,ME,NH,VA,NY
Chlorodibromomethane	CT,ME,NH,VA,NY
Chloroethane	CT,ME,NH,VA,NY
Chloroform	CT,ME,NH,VA,NY
Chloromethane	CT,ME,NH,VA,NY
2-Chlorotoluene	ME,NH,VA,NY
4-Chlorotoluene	ME,NH,VA,NY
1,2-Dibromo-3-chloropropane (DBCP)	ME,NY
1,2-Dibromoethane (EDB)	ME,NY
Dibromomethane	ME,NH,VA,NY
1,2-Dichlorobenzene	CT,ME,NH,VA,NY
1,3-Dichlorobenzene	CT,ME,NH,VA,NY
1,4-Dichlorobenzene	CT,ME,NH,VA,NY
trans-1,4-Dichloro-2-butene	ME,NH,VA,NY
Dichlorodifluoromethane (Freon 12)	ME,NH,VA,NY
1,1-Dichloroethane	CT,ME,NH,VA,NY
1,2-Dichloroethane	CT,ME,NH,VA,NY
1,1-Dichloroethylene	CT,ME,NH,VA,NY
cis-1,2-Dichloroethylene	ME,NY
trans-1,2-Dichloroethylene	CT,ME,NH,VA,NY
1,2-Dichloropropane	CT,ME,NH,VA,NY
1,3-Dichloropropane	ME,VA,NY
2,2-Dichloropropane	ME,NH,VA,NY
1,1-Dichloropropene	ME,NH,VA,NY
cis-1,3-Dichloropropene	CT,ME,NH,VA,NY
trans-1,3-Dichloropropene	CT,ME,NH,VA,NY
Diethyl Ether	ME,NY
Diisopropyl Ether (DIPE)	ME,NH,VA,NY
1,4-Dioxane	ME,NY
Ethylbenzene	CT,ME,NH,VA,NY

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Water	
Hexachlorobutadiene	CT,ME,NH,VA,NY
2-Hexanone (MBK)	CT,ME,NH,VA,NY
Isopropylbenzene (Cumene)	ME,VA,NY
p-Isopropyltoluene (p-Cymene)	CT,ME,NH,VA,NY
Methyl Acetate	ME,NY
Methyl tert-Butyl Ether (MTBE)	CT,ME,NH,VA,NY
Methyl Cyclohexane	NY
Methylene Chloride	CT,ME,NH,VA,NY
4-Methyl-2-pentanone (MIBK)	CT,ME,NH,VA,NY
Naphthalene	ME,NH,VA,NY
n-Propylbenzene	CT,ME,NH,VA,NY
Styrene	CT,ME,NH,VA,NY
1,1,1,2-Tetrachloroethane	CT,ME,NH,VA,NY
1,1,2,2-Tetrachloroethane	CT,ME,NH,VA,NY
Tetrachloroethylene	CT,ME,NH,VA,NY
Toluene	CT,ME,NH,VA,NY
1,2,3-Trichlorobenzene	ME,NH,VA,NY
1,2,4-Trichlorobenzene	CT,ME,NH,VA,NY
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,ME,NH,VA,NY
1,1,2-Trichloroethane	CT,ME,NH,VA,NY
Trichloroethylene	CT,ME,NH,VA,NY
Trichlorofluoromethane (Freon 11)	CT,ME,NH,VA,NY
1,2,3-Trichloropropane	ME,NH,VA,NY
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	VA,NY
1,2,4-Trimethylbenzene	ME,VA,NY
1,3,5-Trimethylbenzene	ME,VA,NY
Vinyl Chloride	CT,ME,NH,VA,NY
m+p Xylene	CT,ME,NH,VA,NY
o-Xylene	CT,ME,NH,VA,NY
SW-846 8270E in Water	
1,4-Dioxane	NY,NH

Con-Test, a Pace Environmental Laboratory, operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Department of Public Health	PH-0821	12/31/2024
NY	New York State Department of Health	10899 NELAP	04/1/2023
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2024
ME	State of Maine	MA00100	06/9/2023
VA	Commonwealth of Virginia	460217	12/14/2023

Chain of Custody / Analysis Report

RAMBOLL

Page 1 of 1

Sampler(s): (Signature) Sara Hahne, Liam Blake

23C0414 NM

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 Q4 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

Holding Time:

Package Requirement: Level 2 and Level 3

EDD Format: EQuIS 4-file

Laboratory Use Only
Project Number:
Job Number:
Laboratory ID:
Lab Sample ID:

	Sample Identification: Unique Field Sample ID (sys_sample_code)	Sample Location	Date	Time	Sample Type (See Key)	Sample Matrix (See Key)	Number of Containers	Grab [G] or Composite [C]	Field Filtered? (Y / N)	Analysis Required: Preservatives (see key at bottom)		
										1 VOCs by 8620C	0 PFAS by 1633	0 1,4-Dioxane by 8270 SIM
1	MW-CPC-39-16-374-20230228-0	MW-CPC-39	2/28/2023	9:25	N	WG	7	G	N	X	X	X
2	MW-CPC-39-16-374-20230228-1	MW-CPC-39	2/28/2023	-----	FD	WG	7	G	N	X	X	X
3	MW-CPC-39-16-374-20230228-2	MW-CPC-39	2/28/2023	10:05	EB	WQ	1	G	N		X	
4	MW-CPC-40-16-312-20230228-0	MW-CPC-40	2/28/2023	11:50	N	WG	7	G	N	X	X	X
5	MW-CPC-41-16-258-20230228-0	MW-CPC-41	2/28/2023	14:20	N	WG	7	G	N	X	X	X
6	MW-CPC-38-16-391-20230301-0	MW-CPC-38	3/1/2023	15:40	N	WG	7	G	N	X	X	X
7	MW-CPC-36-16-251-20230302-0	MW-CPC-36	3/2/2023	9:10	N	WG	7	G	N	X	X	Z
8	MW-CPC-37-16-445-20230302-0	MW-CPC-37	3/2/2023	11:10	N	WG	7	G	N	X	X	X
9	TB-20230302	-----	3/2/2023	-----	TB	WQ	1	G	N	X		
10												
11												
12		BCH										
13												
14												

Special Instructions: 3 coolers in shipment

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

Relinquished by: Sara Hahne	Date: 3/2/2023	Courier Name: FedEx	Date: 3/2/2023
Of: Ramboll	Time: 13:30	Tracking #s: 791336879281; 791336879270; 791336879292;	Time: 13:30
Relinquished by:	Date:	Courier Name:	Date:
Of:	Time:	Tracking #:	Time:
Courier Name: FedEx	Date:	Received By:	Date: 3/3/23 1002
Tracking #:	Time:	Of: 3.3,3.0°C 2.1°C	Time:

Condition:

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

Cooler Temperature:

Other comments or notes regarding condition of samples as received:

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 = Surface Water, WW = Waste Water, WP = Potable Water, AA = Ambient Air, Other (Specify):

Preservative Code: 0 = none, 1 = HCL, 2 = HNO_3, 3 = H_2SO_4, 4 = NaOH, 5 = Zn Acetate, 6 = MeOH, 7 = $NaHSO_4$, 8 = Na_3PO_4, 9 = BenzalkoniumCl, 10 = other

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⚠ Learn (https://www.fedex.com/en-us/service-alerts.html) about FedEx services impacted by severe weather.

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Friday

3/3/2023 at 10:02 am

Signed for by: C.HENRIQUEZ

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Delivered

TRACKING ID

791336879270

FROM
OLD BETHPAGE, NY US

Label Created
2/20/2023 10:31 AM

PACKAGE RECEIVED BY FEDEX
GARDEN CITY, NY
3/2/2023 6:17 PM

IN TRANSIT
WINDSOR LOCKS, CT
3/3/2023 7:21 AM

OUT FOR DELIVERY
WINDSOR LOCKS, CT
3/3/2023 7:29 AM

DELIVERED
East Longmeadow, MA US

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3/3/2023 at 10:02 AM

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Log In Back-Sheet

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

Pace PEOPLE ADVANCING SCIENCE

Client Rumball

Project Claremont Polychemical SiHQ4 low-flow

MCP/RCP Required N/A

Deliverable Package Req. N/A

Location Old Bethpage Any

PWSID# (When Applicable) NA

Arrival Method:

Courier ☐ Fed Ex ☑ Walk In ☐ Other ☐

Received By / Date / Time AAYSSG 3/3/23 1002

Back-Sheet By / Date / Time LA 3/3/23 1815

Temperature Method Gun #5

Temp ☑ < 6° C Actual Temperature 3.3/3.0/2.1

Rush Samples: Yes / (No) Notify

Short Hold: Yes / (No) / Notify

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

Notes regarding Samples/COC outside of SOP:

COC Included: (Check all included)

Client ☑ Analysis ☑ Sampler Name ☑

Project ☑ IDs ☑ Collection Date/Time ☑

All Samples Proper pH: (N/A) ☐ ☐

Container (Circle when applicable)	UnP	HCl	HNO3	H2SO4	NaOH	Trizma	NaS2O3	Other Preservative
1L Amber Plastic								
500 mL Amber (Plastic)	15							
250 mL Amber ~~Plastic~~								
Other Amber Clear ~~Plastic~~	7							
16oz Amber Clear								
8oz Amber Clear								
4oz Amber Clear								
2oz Amber Clear								
Col/Bacteria								
Flashpoint								
Plastic Bag								
SOC Kit								
Perchlorate								
Encore								
Frozen								

	Proper Headspace	UnP	HCl	MeOH	Bisulfate	DI	Thiosulfate	Sulfuric	Other
Vials									

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April 12, 2023

Payson Long
NYDEC_Ramboll US Consulting, Inc. - Syracuse
333 West Washington Street, PO Box 4873
Syracuse, NY 13221

Project Location: Old Bethpage, New York
Client Job Number:
Project Number: 130015
Laboratory Work Order Number: 23C0950

Enclosed are results of analyses for samples as received by the laboratory on March 8, 2023. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kyle A. Murray
Project Manager

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23C0950-36	79
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NYDEC_Ramboll US Consulting, Inc. - Syracuse
333 West Washington Street, PO Box 4873
Syracuse, NY 13221
ATTN: Payson Long

REPORT DATE: 4/12/2023

PURCHASE ORDER NUMBER: 144165

PROJECT NUMBER: 130015

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 23C0950

The results of analyses performed on the following samples submitted to CON-TEST, a Pace Analytical Laboratory, are found in this report.

PROJECT LOCATION: Old Bethpage, New York

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
BP3A-CP-00-030623	23C0950-01	Ground Water		SW-846 8260D	
BP3B-CP-00-030623	23C0950-02	Ground Water		SW-846 8260D	
BP3C-CP-00-030623	23C0950-03	Ground Water		SW-846 8260D	
BP5B-CP-00-030723	23C0950-04	Ground Water		SW-846 8260D	
BP5C-CP-00-030723	23C0950-05	Ground Water		SW-846 8260D	
BP12B-CP-00-030723	23C0950-06	Ground Water		SW-846 8260D	
BP12C-CP-00-030723	23C0950-07	Ground Water		SW-846 8260D	
BP13B-CP-00-030723	23C0950-08	Ground Water		SW-846 8260D	
BP13C-CP-00-030723	23C0950-09	Ground Water		SW-846 8260D	
DW1-CP-00-030723	23C0950-10	Ground Water		SW-846 8260D	
DW2-CP-00-030723	23C0950-11	Ground Water		SW-846 8260D	
DW2-CP-01-030723	23C0950-12	Ground Water		SW-846 8260D	
EW1A-CP-00-030723	23C0950-13	Ground Water		SW-846 8260D	
EW1B-CP-00-030723	23C0950-14	Ground Water		SW-846 8260D	
EW1C-CP-00-030723	23C0950-15	Ground Water		SW-846 8260D	
EW2A-CP-00-030623	23C0950-16	Ground Water		SW-846 8260D	
EW2B-CP-00-030623	23C0950-17	Ground Water		SW-846 8260D	
EW2C-CP-00-030623	23C0950-18	Ground Water		SW-846 8260D	
EW2D-CP-00-030623	23C0950-19	Ground Water		SW-846 8260D	
EW4A-CP-00-030723	23C0950-20	Ground Water		SW-846 8260D	
EW4B-CP-00-030723	23C0950-21	Ground Water		SW-846 8260D	
EW4C-CP-00-030723	23C0950-22	Ground Water		SW-846 8260D	
EW4D-CP-00-030723	23C0950-23	Ground Water		SW-846 8260D	
EW5-CP-00-030723	23C0950-24	Ground Water		SW-846 8260D	
EW7C-CP-00-030723	23C0950-25	Ground Water		SW-846 8260D	
EW7D-CP-00-030723	23C0950-26	Ground Water		SW-846 8260D	
EW11D-CP-00-030723	23C0950-27	Ground Water		SW-846 8260D	
EW12D-CP-00-030723	23C0950-28	Ground Water		SW-846 8260D	
EW14D-CP-00-030723	23C0950-29	Ground Water		SW-846 8260D	
LF1-CP-00-030723	23C0950-30	Ground Water		SW-846 8260D	
M30BR-CP-00-030723	23C0950-31	Ground Water		SW-846 8260D	
MW5B-CP-00-030623	23C0950-32	Ground Water		SW-846 8260D	
MW6B-CP-00-030623	23C0950-33	Ground Water		SW-846 8260D	
MW6C-CP-00-030623	23C0950-34	Ground Water		SW-846 8260D	
MW6D-CP-00-030623	23C0950-35	Ground Water		SW-846 8260D	
MW6D-CP-01-030623	23C0950-36	Ground Water		SW-846 8260D	
MW6E-CP-00-030623	23C0950-37	Ground Water		SW-846 8260D	
MW6F-CP-00-030623	23C0950-38	Ground Water		SW-846 8260D	
MW7BR-CP-00-030623	23C0950-39	Ground Water		SW-846 8260D	
MW8A-CP-00-030623	23C0950-40	Ground Water		SW-846 8260D	
MW8B-CP-00-030623	23C0950-41	Ground Water		SW-846 8260D	

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NYDEC_Ramboll US Consulting, Inc. - Syracuse
333 West Washington Street, PO Box 4873
Syracuse, NY 13221
ATTN: Payson Long

REPORT DATE: 4/12/2023

PURCHASE ORDER NUMBER: 144165

PROJECT NUMBER: 130015

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 23C0950

The results of analyses performed on the following samples submitted to CON-TEST, a Pace Analytical Laboratory, are found in this report.

PROJECT LOCATION: Old Bethpage, New York

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW8C-CP-00-030623	23C0950-42	Ground Water		SW-846 8260D	
MW9B-CP-00-030623	23C0950-43	Ground Water		SW-846 8260D	
MW9C-CP-00-030623	23C0950-44	Ground Water		SW-846 8260D	
MW10D-CP-00-030623	23C0950-45	Ground Water		SW-846 8260D	
MW11A-CP-00-030723	23C0950-46	Ground Water		SW-846 8260D	
MW11B-CP-00-030723	23C0950-47	Ground Water		SW-846 8260D	
OBS1-CP-00-030623	23C0950-48	Ground Water		SW-846 8260D	
SW1-CP-00-030723	23C0950-49	Ground Water		SW-846 8260D	
WT01-CP-00-030723	23C0950-50	Ground Water		SW-846 8260D	
TB-CP-QC-030723	23C0950-51	Ground Water		SW-846 8260D	

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CASE NARRATIVE SUMMARY

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

ID Revision: Per client samples 13 & 14 revised. **13**- EW1A-030723 to EW1A-CP-00-030723 & **14**- EW2A-030723 to EW1B-CP-00-030723. KAM 4/12

SW-846 8260D

Qualifications:

RL-11

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

23C0950-25[EW7C-CP-00-030723], 23C0950-27[EW11D-CP-00-030723], 23C0950-28[EW12D-CP-00-030723], 23C0950-45[MW10D-CP-00-030623]

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:

2,2-Dichloropropane
23C0950-19[EW2D-CP-00-030623], 23C0950-20[EW4A-CP-00-030723], 23C0950-21[EW4B-CP-00-030723], 23C0950-22[EW4C-CP-00-030723], 23C0950-23[EW4D-CP-00-030723], 23C0950-24[EW5-CP-00-030723], 23C0950-25[EW7C-CP-00-030723], 23C0950-26[EW7D-CP-00-030723], 23C0950-27[EW11D-CP-00-030723], 23C0950-28[EW12D-CP-00-030723], 23C0950-29[EW14D-CP-00-030723], 23C0950-30[LF1-CP-00-030723], 23C0950-31[M30BR-CP-00-030723], 23C0950-32[MW5B-CP-00-030623], 23C0950-33[MW6B-CP-00-030623], 23C0950-34[MW6C-CP-00-030623], 23C0950-35[MW6D-CP-00-030623], 23C0950-36[MW6D-CP-01-030623], 23C0950-37[MW6E-CP-00-030623], B333877-BLK1, B333877-BS1, B333877-BSD1, S084479-CCV1

Chloromethane
23C0950-19[EW2D-CP-00-030623], 23C0950-20[EW4A-CP-00-030723], 23C0950-21[EW4B-CP-00-030723], 23C0950-22[EW4C-CP-00-030723], 23C0950-23[EW4D-CP-00-030723], 23C0950-24[EW5-CP-00-030723], 23C0950-25[EW7C-CP-00-030723], 23C0950-26[EW7D-CP-00-030723], 23C0950-27[EW11D-CP-00-030723], 23C0950-28[EW12D-CP-00-030723], 23C0950-29[EW14D-CP-00-030723], 23C0950-30[LF1-CP-00-030723], 23C0950-31[M30BR-CP-00-030723], 23C0950-32[MW5B-CP-00-030623], 23C0950-33[MW6B-CP-00-030623], 23C0950-34[MW6C-CP-00-030623], 23C0950-35[MW6D-CP-00-030623], 23C0950-36[MW6D-CP-01-030623], 23C0950-37[MW6E-CP-00-030623], B333877-BLK1, B333877-BS1, B333877-BSD1, S084479-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:

Vinyl Chloride
23C0950-47[MW11B-CP-00-030723], B334008-BS1, B334008-BSD1, S084591-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:

Vinyl Chloride
B333875-BS1, B333875-BSD1, B333877-BS1, B333877-BSD1, S084472-CCV1, S084479-CCV1

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

Kyle A. Murray
Project Coordinator

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: BP3A-CP-00-030623 | Sampled: 3/6/2023 13:00

Sample ID: 23C0950-01

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	3/10/23	3/11/23 1:54	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: BP3A-CP-00-030623 | Sampled: 3/6/2023 13:00

Sample ID: 23C0950-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 1:54	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	97.9	70-130			3/11/23 1:54
Toluene-d8	101	70-130			3/11/23 1:54
4-Bromofluorobenzene	98.8	70-130			3/11/23 1:54

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: BP3B-CP-00-030623 | Sampled: 3/6/2023 12:50

Sample ID: 23C0950-02

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	290	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
1,1-Dichloroethane	1.9	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
cis-1,2-Dichloroethylene	8.0	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: BP3B-CP-00-030623 | Sampled: 3/6/2023 12:50

Sample ID: 23C0950-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
Tetrachloroethylene	7.4	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:22	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	98.1	70-130		3/11/23 2:22
Toluene-d8	100	70-130		3/11/23 2:22
4-Bromofluorobenzene	99.5	70-130		3/11/23 2:22

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: BP3C-CP-00-030623 | Sampled: 3/6/2023 12:55

Sample ID: 23C0950-03

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	87	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
1,1-Dichloroethane	2.5	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
cis-1,2-Dichloroethylene	13	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: BP3C-CP-00-030623 | Sampled: 3/6/2023 12:55

Sample ID: 23C0950-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
Tetrachloroethylene	22	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
Trichloroethylene	2.4	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 2:50	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	96.6	70-130		3/11/23 2:50
Toluene-d8	102	70-130		3/11/23 2:50
4-Bromofluorobenzene	100	70-130		3/11/23 2:50

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: BP5B-CP-00-030723 | Sampled: 3/7/2023 08:55

Sample ID: 23C0950-04

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	79	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: BP5B-CP-00-030723 | Sampled: 3/7/2023 08:55

Sample ID: 23C0950-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:17	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	96.6	70-130		3/11/23 3:17
Toluene-d8	100	70-130		3/11/23 3:17
4-Bromofluorobenzene	100	70-130		3/11/23 3:17

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: BP5C-CP-00-030723 | Sampled: 3/7/2023 08:50

Sample ID: 23C0950-05

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	200	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
1,1-Dichloroethane	5.0	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
1,1-Dichloroethylene	1.8	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: BP5C-CP-00-030723 | Sampled: 3/7/2023 08:50

Sample ID: 23C0950-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
1,1,1-Trichloroethane	1.3	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
Trichloroethylene	1.2	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 3:45	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	97.4	70-130		3/11/23 3:45
Toluene-d8	100	70-130		3/11/23 3:45
4-Bromofluorobenzene	99.6	70-130		3/11/23 3:45

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: BP12B-CP-00-030723 | Sampled: 3/7/2023 09:05

Sample ID: 23C0950-06

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	69	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: BP12B-CP-00-030723 | Sampled: 3/7/2023 09:05

Sample ID: 23C0950-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:12	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	97.4	70-130		3/11/23 4:12
Toluene-d8	102	70-130		3/11/23 4:12
4-Bromofluorobenzene	99.8	70-130		3/11/23 4:12

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: BP12C-CP-00-030723 | Sampled: 3/7/2023 09:00

Sample ID: 23C0950-07

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	3/10/23	3/11/23 4:40	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: BP12C-CP-00-030723 | Sampled: 3/7/2023 09:00

Sample ID: 23C0950-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 4:40	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	97.1	70-130		3/11/23 4:40
Toluene-d8	100	70-130		3/11/23 4:40
4-Bromofluorobenzene	101	70-130		3/11/23 4:40

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: BP13B-CP-00-030723 | Sampled: 3/7/2023 09:25

Sample ID: 23C0950-08

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	54	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: BP13B-CP-00-030723 | Sampled: 3/7/2023 09:25

Sample ID: 23C0950-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
Trichloroethylene	1.1	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:08	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	98.6	70-130			3/11/23 5:08
Toluene-d8	99.3	70-130			3/11/23 5:08
4-Bromofluorobenzene	98.9	70-130			3/11/23 5:08

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: BP13C-CP-00-030723 | Sampled: 3/7/2023 09:30

Sample ID: 23C0950-09

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	110	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: BP13C-CP-00-030723 | Sampled: 3/7/2023 09:30

Sample ID: 23C0950-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 5:35	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	97.9	70-130			3/11/23 5:35
Toluene-d8	99.0	70-130			3/11/23 5:35
4-Bromofluorobenzene	101	70-130			3/11/23 5:35

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: DW1-CP-00-030723 | Sampled: 3/7/2023 11:55

Sample ID: 23C0950-10

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	200	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
cis-1,2-Dichloroethylene	13	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: DW1-CP-00-030723 | Sampled: 3/7/2023 11:55

Sample ID: 23C0950-10

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
Tetrachloroethylene	9.0	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
Trichloroethylene	1.1	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:02	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	97.5	70-130		3/11/23 6:02
Toluene-d8	101	70-130		3/11/23 6:02
4-Bromofluorobenzene	101	70-130		3/11/23 6:02

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: DW2-CP-00-030723 | Sampled: 3/7/2023 12:05

Sample ID: 23C0950-11

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	130	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: DW2-CP-00-030723 | Sampled: 3/7/2023 12:05

Sample ID: 23C0950-11

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
Tetrachloroethylene	2.8	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:30	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	98.5	70-130		3/11/23	6:30
Toluene-d8	102	70-130		3/11/23	6:30
4-Bromofluorobenzene	101	70-130		3/11/23	6:30

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: DW2-CP-01-030723 | Sampled: 3/7/2023 00:00

Sample ID: 23C0950-12

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	130	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: DW2-CP-01-030723 | Sampled: 3/7/2023 00:00

Sample ID: 23C0950-12

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
Tetrachloroethylene	2.9	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 6:57	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	96.3	70-130		3/11/23 6:57
Toluene-d8	101	70-130		3/11/23 6:57
4-Bromofluorobenzene	98.5	70-130		3/11/23 6:57

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: EW1A-CP-00-030723 | Sampled: 3/7/2023 11:40

Sample ID: 23C0950-13

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	320	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: EW1A-CP-00-030723 | Sampled: 3/7/2023 11:40

Sample ID: 23C0950-13

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
Tetrachloroethylene	2.8	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:24	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	99.3	70-130			3/11/23 7:24
Toluene-d8	99.6	70-130			3/11/23 7:24
4-Bromofluorobenzene	101	70-130			3/11/23 7:24

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: EW1B-CP-00-030723 | Sampled: 3/7/2023 11:50

Sample ID: 23C0950-14

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	370	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
cis-1,2-Dichloroethylene	4.0	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: EW1B-CP-00-030723 | Sampled: 3/7/2023 11:50

Sample ID: 23C0950-14

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
Tetrachloroethylene	1.0	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
Trichloroethylene	1.3	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 7:52	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	101	70-130			3/11/23 7:52
Toluene-d8	100	70-130			3/11/23 7:52
4-Bromofluorobenzene	101	70-130			3/11/23 7:52

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: EW1C-CP-00-030723 | Sampled: 3/7/2023 11:45

Sample ID: 23C0950-15

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	230	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: EW1C-CP-00-030723 | Sampled: 3/7/2023 11:45

Sample ID: 23C0950-15

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:19	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	98.6	70-130		3/11/23 8:19
Toluene-d8	99.1	70-130		3/11/23 8:19
4-Bromofluorobenzene	99.2	70-130		3/11/23 8:19

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: EW2A-CP-00-030623 | Sampled: 3/6/2023 14:35

Sample ID: 23C0950-16

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	160	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
tert-Amyl Methyl Ether (TAME)	0.60	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: EW2A-CP-00-030623 | Sampled: 3/6/2023 14:35

Sample ID: 23C0950-16

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 8:46	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	96.1	70-130		3/11/23 8:46
Toluene-d8	101	70-130		3/11/23 8:46
4-Bromofluorobenzene	98.7	70-130		3/11/23 8:46

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: EW2B-CP-00-030623 | Sampled: 3/6/2023 14:30

Sample ID: 23C0950-17

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	66	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: EW2B-CP-00-030623 | Sampled: 3/6/2023 14:30

Sample ID: 23C0950-17

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:14	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	98.4	70-130		3/11/23 9:14
Toluene-d8	98.7	70-130		3/11/23 9:14
4-Bromofluorobenzene	101	70-130		3/11/23 9:14

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: EW2C-CP-00-030623 | Sampled: 3/6/2023 14:25

Sample ID: 23C0950-18

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	85	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: EW2C-CP-00-030623 | Sampled: 3/6/2023 14:25

Sample ID: 23C0950-18

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
Trichloroethylene	3.2	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 9:41	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	98.7	70-130		3/11/23 9:41
Toluene-d8	99.9	70-130		3/11/23 9:41
4-Bromofluorobenzene	101	70-130		3/11/23 9:41

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: EW2D-CP-00-030623 | Sampled: 3/6/2023 14:20

Sample ID: 23C0950-19

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	200	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	3/10/23	3/11/23 12:53	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260D	3/10/23	3/11/23 12:53	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: EW2D-CP-00-030623 | Sampled: 3/6/2023 14:20

Sample ID: 23C0950-19

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 12:53	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	98.9	70-130		3/11/23 12:53
Toluene-d8	101	70-130		3/11/23 12:53
4-Bromofluorobenzene	99.7	70-130		3/11/23 12:53

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: EW4A-CP-00-030723 | Sampled: 3/7/2023 10:50

Sample ID: 23C0950-20

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	120	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	3/10/23	3/11/23 19:19	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
cis-1,2-Dichloroethylene	70	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260D	3/10/23	3/11/23 19:19	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: EW4A-CP-00-030723 | Sampled: 3/7/2023 10:50

Sample ID: 23C0950-20

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
Tetrachloroethylene	35	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
Trichloroethylene	4.8	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:19	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		3/11/23 19:19
Toluene-d8	102	70-130		3/11/23 19:19
4-Bromofluorobenzene	100	70-130		3/11/23 19:19

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: EW4B-CP-00-030723 | Sampled: 3/7/2023 11:00

Sample ID: 23C0950-21

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	95	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	3/10/23	3/11/23 13:20	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
cis-1,2-Dichloroethylene	1.2	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260D	3/10/23	3/11/23 13:20	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: EW4B-CP-00-030723 | Sampled: 3/7/2023 11:00

Sample ID: 23C0950-21

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
Tetrachloroethylene	1.5	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
Trichloroethylene	4.1	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:20	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		3/11/23 13:20
Toluene-d8	101	70-130		3/11/23 13:20
4-Bromofluorobenzene	99.1	70-130		3/11/23 13:20

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: EW4C-CP-00-030723 | Sampled: 3/7/2023 10:55

Sample ID: 23C0950-22

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	86	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	3/10/23	3/11/23 13:47	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
trans-1,2-Dichloroethylene	1.7	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260D	3/10/23	3/11/23 13:47	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: EW4C-CP-00-030723 | Sampled: 3/7/2023 10:55

Sample ID: 23C0950-22

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
Tetrachloroethylene	3.0	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
Trichloroethylene	25	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 13:47	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	99.4	70-130		3/11/23 13:47
Toluene-d8	102	70-130		3/11/23 13:47
4-Bromofluorobenzene	99.8	70-130		3/11/23 13:47

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: EW4D-CP-00-030723 | Sampled: 3/7/2023 11:05

Sample ID: 23C0950-23

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	76	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	3/10/23	3/11/23 14:15	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260D	3/10/23	3/11/23 14:15	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: EW4D-CP-00-030723 | Sampled: 3/7/2023 11:05

Sample ID: 23C0950-23

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
Tetrachloroethylene	1.6	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:15	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	97.4	70-130			3/11/23 14:15
Toluene-d8	100	70-130			3/11/23 14:15
4-Bromofluorobenzene	99.3	70-130			3/11/23 14:15

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: EW5-CP-00-030723 | Sampled: 3/7/2023 12:10

Sample ID: 23C0950-24

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	3/10/23	3/11/23 14:43	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	3/10/23	3/11/23 14:43	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260D	3/10/23	3/11/23 14:43	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: EW5-CP-00-030723 | Sampled: 3/7/2023 12:10

Sample ID: 23C0950-24

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
Trichloroethylene	1.1	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 14:43	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	98.8	70-130		3/11/23 14:43
Toluene-d8	102	70-130		3/11/23 14:43
4-Bromofluorobenzene	98.4	70-130		3/11/23 14:43

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: EW7C-CP-00-030723 | Sampled: 3/7/2023 12:25

Sample ID: 23C0950-25

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	350	200	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
Acrylonitrile	ND	20	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
tert-Amyl Methyl Ether (TAME)	ND	2.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
Benzene	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
Bromobenzene	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
Bromochloromethane	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
Bromodichloromethane	ND	2.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
Bromoform	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
Bromomethane	ND	8.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
2-Butanone (MEK)	ND	80	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
tert-Butyl Alcohol (TBA)	ND	80	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
n-Butylbenzene	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
sec-Butylbenzene	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
tert-Butylbenzene	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	2.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
Carbon Disulfide	ND	20	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
Carbon Tetrachloride	ND	20	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
Chlorobenzene	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
Chlorodibromomethane	ND	2.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
Chloroethane	ND	8.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
Chloroform	ND	8.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
Chloromethane	ND	8.0	µg/L	4	V-05	SW-846 8260D	3/10/23	3/11/23 20:15	EEH
2-Chlorotoluene	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
4-Chlorotoluene	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	20	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
1,2-Dibromoethane (EDB)	ND	2.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
Dibromomethane	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
1,2-Dichlorobenzene	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
1,3-Dichlorobenzene	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
1,4-Dichlorobenzene	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
trans-1,4-Dichloro-2-butene	ND	8.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
Dichlorodifluoromethane (Freon 12)	ND	8.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
1,1-Dichloroethane	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
1,2-Dichloroethane	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
1,1-Dichloroethylene	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
cis-1,2-Dichloroethylene	4.2	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
trans-1,2-Dichloroethylene	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
1,2-Dichloropropane	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
1,3-Dichloropropane	ND	2.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
2,2-Dichloropropane	ND	4.0	µg/L	4	V-05	SW-846 8260D	3/10/23	3/11/23 20:15	EEH
1,1-Dichloropropene	ND	8.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
cis-1,3-Dichloropropene	ND	2.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
trans-1,3-Dichloropropene	ND	2.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
Diethyl Ether	ND	8.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: EW7C-CP-00-030723 | Sampled: 3/7/2023 12:25

Sample ID: 23C0950-25

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
Diisopropyl Ether (DIPE)	ND	2.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
1,4-Dioxane	ND	200	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
Ethylbenzene	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
Hexachlorobutadiene	ND	2.4	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
2-Hexanone (MBK)	ND	40	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
Isopropylbenzene (Cumene)	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
p-Isopropyltoluene (p-Cymene)	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
Methyl Acetate	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
Methyl tert-Butyl Ether (MTBE)	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
Methyl Cyclohexane	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
Methylene Chloride	ND	20	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
4-Methyl-2-pentanone (MIBK)	ND	40	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
Naphthalene	ND	8.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
n-Propylbenzene	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
Styrene	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
1,1,1,2-Tetrachloroethane	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
Tetrachloroethylene	18	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
Tetrahydrofuran	ND	40	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
Toluene	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
1,2,3-Trichlorobenzene	ND	20	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
1,2,4-Trichlorobenzene	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
1,3,5-Trichlorobenzene	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
1,1,1-Trichloroethane	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
1,1,2-Trichloroethane	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
Trichloroethylene	300	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
Trichlorofluoromethane (Freon 11)	ND	8.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
1,2,3-Trichloropropane	ND	8.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
1,2,4-Trimethylbenzene	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
1,3,5-Trimethylbenzene	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
Vinyl Chloride	ND	8.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
m+p Xylene	ND	8.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH
o-Xylene	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 20:15	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	99.4	70-130		3/11/23 20:15
Toluene-d8	99.2	70-130		3/11/23 20:15
4-Bromofluorobenzene	99.8	70-130		3/11/23 20:15

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: EW7D-CP-00-030723 | Sampled: 3/7/2023 12:30

Sample ID: 23C0950-26

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	3/10/23	3/11/23 15:11	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	3/10/23	3/11/23 15:11	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260D	3/10/23	3/11/23 15:11	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: EW7D-CP-00-030723 | Sampled: 3/7/2023 12:30

Sample ID: 23C0950-26

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
Tetrachloroethylene	1.4	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:11	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	100	70-130		3/11/23 15:11
Toluene-d8	101	70-130		3/11/23 15:11
4-Bromofluorobenzene	101	70-130		3/11/23 15:11

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: EW11D-CP-00-030723 | Sampled: 3/7/2023 10:40

Sample ID: 23C0950-27

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	100	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
Acrylonitrile	ND	10	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
tert-Amyl Methyl Ether (TAME)	ND	1.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
Benzene	ND	2.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
Bromobenzene	ND	2.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
Bromochloromethane	ND	2.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
Bromodichloromethane	ND	1.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
Bromoform	ND	2.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
Bromomethane	ND	4.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
2-Butanone (MEK)	ND	40	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
tert-Butyl Alcohol (TBA)	ND	40	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
n-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
sec-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
tert-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	1.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
Carbon Disulfide	ND	10	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
Carbon Tetrachloride	ND	10	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
Chlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
Chlorodibromomethane	ND	1.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
Chloroethane	ND	4.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
Chloroform	ND	4.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
Chloromethane	ND	4.0	µg/L	2	V-05	SW-846 8260D	3/10/23	3/11/23 20:42	EEH
2-Chlorotoluene	ND	2.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
4-Chlorotoluene	ND	2.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
1,2-Dibromoethane (EDB)	ND	1.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
Dibromomethane	ND	2.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
1,2-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
1,3-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
1,4-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
trans-1,4-Dichloro-2-butene	ND	4.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
Dichlorodifluoromethane (Freon 12)	ND	4.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
1,1-Dichloroethane	3.2	2.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
1,2-Dichloroethane	ND	2.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
1,1-Dichloroethylene	33	2.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
cis-1,2-Dichloroethylene	7.4	2.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
trans-1,2-Dichloroethylene	ND	2.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
1,2-Dichloropropane	ND	2.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
1,3-Dichloropropane	ND	1.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
2,2-Dichloropropane	ND	2.0	µg/L	2	V-05	SW-846 8260D	3/10/23	3/11/23 20:42	EEH
1,1-Dichloropropene	ND	4.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
cis-1,3-Dichloropropene	ND	1.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
trans-1,3-Dichloropropene	ND	1.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
Diethyl Ether	ND	4.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: EW11D-CP-00-030723 | Sampled: 3/7/2023 10:40

Sample ID: 23C0950-27

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
Diisopropyl Ether (DIPE)	ND	1.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
1,4-Dioxane	ND	100	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
Ethylbenzene	ND	2.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
Hexachlorobutadiene	ND	1.2	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
2-Hexanone (MBK)	ND	20	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
Isopropylbenzene (Cumene)	ND	2.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
p-Isopropyltoluene (p-Cymene)	ND	2.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
Methyl Acetate	ND	2.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
Methyl tert-Butyl Ether (MTBE)	ND	2.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
Methyl Cyclohexane	ND	2.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
Methylene Chloride	ND	10	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
4-Methyl-2-pentanone (MIBK)	ND	20	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
Naphthalene	ND	4.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
n-Propylbenzene	ND	2.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
Styrene	ND	2.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
1,1,1,2-Tetrachloroethane	ND	2.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
1,1,2,2-Tetrachloroethane	ND	1.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
Tetrachloroethylene	60	2.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
Tetrahydrofuran	ND	20	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
Toluene	ND	2.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
1,2,3-Trichlorobenzene	ND	10	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
1,2,4-Trichlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
1,3,5-Trichlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
1,1,1-Trichloroethane	13	2.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
1,1,2-Trichloroethane	ND	2.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
Trichloroethylene	210	2.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
Trichlorofluoromethane (Freon 11)	ND	4.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
1,2,3-Trichloropropane	ND	4.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
1,2,4-Trimethylbenzene	ND	2.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
1,3,5-Trimethylbenzene	ND	2.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
Vinyl Chloride	ND	4.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
m+p Xylene	ND	4.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH
o-Xylene	ND	2.0	µg/L	2		SW-846 8260D	3/10/23	3/11/23 20:42	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	100	70-130		3/11/23	20:42
Toluene-d8	101	70-130		3/11/23	20:42
4-Bromofluorobenzene	98.0	70-130		3/11/23	20:42

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: EW12D-CP-00-030723 | Sampled: 3/7/2023 10:45

Sample ID: 23C0950-28

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	200	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
Acrylonitrile	ND	20	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
tert-Amyl Methyl Ether (TAME)	ND	2.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
Benzene	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
Bromobenzene	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
Bromochloromethane	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
Bromodichloromethane	ND	2.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
Bromoform	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
Bromomethane	ND	8.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
2-Butanone (MEK)	ND	80	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
tert-Butyl Alcohol (TBA)	ND	80	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
n-Butylbenzene	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
sec-Butylbenzene	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
tert-Butylbenzene	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	2.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
Carbon Disulfide	ND	20	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
Carbon Tetrachloride	ND	20	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
Chlorobenzene	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
Chlorodibromomethane	ND	2.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
Chloroethane	ND	8.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
Chloroform	ND	8.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
Chloromethane	ND	8.0	µg/L	4	V-05	SW-846 8260D	3/10/23	3/11/23 21:09	EEH
2-Chlorotoluene	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
4-Chlorotoluene	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	20	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
1,2-Dibromoethane (EDB)	ND	2.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
Dibromomethane	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
1,2-Dichlorobenzene	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
1,3-Dichlorobenzene	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
1,4-Dichlorobenzene	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
trans-1,4-Dichloro-2-butene	ND	8.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
Dichlorodifluoromethane (Freon 12)	ND	8.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
1,1-Dichloroethane	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
1,2-Dichloroethane	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
1,1-Dichloroethylene	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
cis-1,2-Dichloroethylene	7.1	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
trans-1,2-Dichloroethylene	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
1,2-Dichloropropane	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
1,3-Dichloropropane	ND	2.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
2,2-Dichloropropane	ND	4.0	µg/L	4	V-05	SW-846 8260D	3/10/23	3/11/23 21:09	EEH
1,1-Dichloropropene	ND	8.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
cis-1,3-Dichloropropene	ND	2.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
trans-1,3-Dichloropropene	ND	2.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
Diethyl Ether	ND	8.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: EW12D-CP-00-030723 | Sampled: 3/7/2023 10:45

Sample ID: 23C0950-28

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
Diisopropyl Ether (DIPE)	ND	2.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
1,4-Dioxane	ND	200	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
Ethylbenzene	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
Hexachlorobutadiene	ND	2.4	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
2-Hexanone (MBK)	ND	40	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
Isopropylbenzene (Cumene)	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
p-Isopropyltoluene (p-Cymene)	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
Methyl Acetate	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
Methyl tert-Butyl Ether (MTBE)	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
Methyl Cyclohexane	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
Methylene Chloride	ND	20	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
4-Methyl-2-pentanone (MIBK)	ND	40	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
Naphthalene	ND	8.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
n-Propylbenzene	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
Styrene	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
1,1,1,2-Tetrachloroethane	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
Tetrachloroethylene	14	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
Tetrahydrofuran	ND	40	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
Toluene	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
1,2,3-Trichlorobenzene	ND	20	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
1,2,4-Trichlorobenzene	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
1,3,5-Trichlorobenzene	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
1,1,1-Trichloroethane	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
1,1,2-Trichloroethane	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
Trichloroethylene	340	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
Trichlorofluoromethane (Freon 11)	ND	8.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
1,2,3-Trichloropropane	ND	8.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
1,2,4-Trimethylbenzene	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
1,3,5-Trimethylbenzene	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
Vinyl Chloride	ND	8.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
m+p Xylene	ND	8.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH
o-Xylene	ND	4.0	µg/L	4		SW-846 8260D	3/10/23	3/11/23 21:09	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	100	70-130		3/11/23 21:09
Toluene-d8	102	70-130		3/11/23 21:09
4-Bromofluorobenzene	99.4	70-130		3/11/23 21:09

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: EW14D-CP-00-030723 | Sampled: 3/7/2023 10:25

Sample ID: 23C0950-29

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	3/10/23	3/11/23 19:47	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	3/10/23	3/11/23 19:47	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
1,1-Dichloroethylene	2.3	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260D	3/10/23	3/11/23 19:47	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: EW14D-CP-00-030723 | Sampled: 3/7/2023 10:25

Sample ID: 23C0950-29

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
1,1,1-Trichloroethane	1.3	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
Trichloroethylene	27	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 19:47	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	99.5	70-130		3/11/23 19:47
Toluene-d8	101	70-130		3/11/23 19:47
4-Bromofluorobenzene	99.4	70-130		3/11/23 19:47

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: LF1-CP-00-030723 | Sampled: 3/7/2023 11:30

Sample ID: 23C0950-30

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	67	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
tert-Butyl Alcohol (TBA)	26	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	3/10/23	3/11/23 15:39	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260D	3/10/23	3/11/23 15:39	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: LF1-CP-00-030723 | Sampled: 3/7/2023 11:30

Sample ID: 23C0950-30

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
Trichloroethylene	4.6	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 15:39	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	98.0	70-130			3/11/23 15:39
Toluene-d8	98.7	70-130			3/11/23 15:39
4-Bromofluorobenzene	99.5	70-130			3/11/23 15:39

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: M30BR-CP-00-030723 | Sampled: 3/7/2023 12:45

Sample ID: 23C0950-31

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	90	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	3/10/23	3/11/23 16:06	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260D	3/10/23	3/11/23 16:06	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: M30BR-CP-00-030723 | Sampled: 3/7/2023 12:45

Sample ID: 23C0950-31

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:06	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	100	70-130		3/11/23 16:06
Toluene-d8	102	70-130		3/11/23 16:06
4-Bromofluorobenzene	101	70-130		3/11/23 16:06

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: MW5B-CP-00-030623 | Sampled: 3/6/2023 15:00

Sample ID: 23C0950-32

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	3/10/23	3/11/23 16:35	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	3/10/23	3/11/23 16:35	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260D	3/10/23	3/11/23 16:35	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: MW5B-CP-00-030623 | Sampled: 3/6/2023 15:00

Sample ID: 23C0950-32

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 16:35	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	100	70-130		3/11/23 16:35
Toluene-d8	101	70-130		3/11/23 16:35
4-Bromofluorobenzene	99.3	70-130		3/11/23 16:35

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: MW6B-CP-00-030623 | Sampled: 3/6/2023 13:50

Sample ID: 23C0950-33

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	3/10/23	3/11/23 17:03	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
Chlorobenzene	1.6	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	3/10/23	3/11/23 17:03	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
1,4-Dichlorobenzene	1.0	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260D	3/10/23	3/11/23 17:03	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: MW6B-CP-00-030623 | Sampled: 3/6/2023 13:50

Sample ID: 23C0950-33

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:03	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		3/11/23 17:03
Toluene-d8	101	70-130		3/11/23 17:03
4-Bromofluorobenzene	101	70-130		3/11/23 17:03

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: MW6C-CP-00-030623 | Sampled: 3/6/2023 14:00

Sample ID: 23C0950-34

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	3/10/23	3/11/23 17:30	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
Chlorobenzene	1.5	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	3/10/23	3/11/23 17:30	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260D	3/10/23	3/11/23 17:30	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: MW6C-CP-00-030623 | Sampled: 3/6/2023 14:00

Sample ID: 23C0950-34

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:30	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	100	70-130		3/11/23 17:30
Toluene-d8	102	70-130		3/11/23 17:30
4-Bromofluorobenzene	101	70-130		3/11/23 17:30

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: MW6D-CP-00-030623 | Sampled: 3/6/2023 14:05

Sample ID: 23C0950-35

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	3/10/23	3/11/23 17:57	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
Chlorobenzene	1.2	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	3/10/23	3/11/23 17:57	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
1,4-Dichlorobenzene	1.1	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260D	3/10/23	3/11/23 17:57	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: MW6D-CP-00-030623 | Sampled: 3/6/2023 14:05

Sample ID: 23C0950-35

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
Isopropylbenzene (Cumene)	1.8	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 17:57	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	99.4	70-130			3/11/23 17:57
Toluene-d8	101	70-130			3/11/23 17:57
4-Bromofluorobenzene	101	70-130			3/11/23 17:57

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: MW6D-CP-01-030623 | Sampled: 3/6/2023 00:00

Sample ID: 23C0950-36

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	3/10/23	3/11/23 18:25	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
Chlorobenzene	1.3	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	3/10/23	3/11/23 18:25	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
1,4-Dichlorobenzene	1.2	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260D	3/10/23	3/11/23 18:25	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: MW6D-CP-01-030623 | Sampled: 3/6/2023 00:00

Sample ID: 23C0950-36

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
Isopropylbenzene (Cumene)	1.8	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:25	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		3/11/23 18:25
Toluene-d8	101	70-130		3/11/23 18:25
4-Bromofluorobenzene	99.8	70-130		3/11/23 18:25

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: MW6E-CP-00-030623 | Sampled: 3/6/2023 14:10

Sample ID: 23C0950-37

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	3/10/23	3/11/23 18:52	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
Chlorobenzene	8.4	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	3/10/23	3/11/23 18:52	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
1,4-Dichlorobenzene	2.1	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260D	3/10/23	3/11/23 18:52	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: MW6E-CP-00-030623 | Sampled: 3/6/2023 14:10

Sample ID: 23C0950-37

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/10/23	3/11/23 18:52	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	99.9	70-130		3/11/23 18:52
Toluene-d8	101	70-130		3/11/23 18:52
4-Bromofluorobenzene	98.5	70-130		3/11/23 18:52

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: MW6F-CP-00-030623 | Sampled: 3/6/2023 13:55

Sample ID: 23C0950-38

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	3/13/23	3/14/23 2:57	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: MW6F-CP-00-030623 | Sampled: 3/6/2023 13:55

Sample ID: 23C0950-38

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 2:57	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	100	70-130		3/14/23 2:57
Toluene-d8	102	70-130		3/14/23 2:57
4-Bromofluorobenzene	99.8	70-130		3/14/23 2:57

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: MW7BR-CP-00-030623 | Sampled: 3/6/2023 13:05

Sample ID: 23C0950-39

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	3/13/23	3/14/23 6:38	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: MW7BR-CP-00-030623 | Sampled: 3/6/2023 13:05

Sample ID: 23C0950-39

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
Tetrachloroethylene	1.1	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
Trichloroethylene	37	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:38	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	101	70-130		3/14/23	6:38
Toluene-d8	102	70-130		3/14/23	6:38
4-Bromofluorobenzene	101	70-130		3/14/23	6:38

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: MW8A-CP-00-030623 | Sampled: 3/6/2023 13:30

Sample ID: 23C0950-40

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	3/13/23	3/14/23 3:24	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
cis-1,2-Dichloroethylene	1.7	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: MW8A-CP-00-030623 | Sampled: 3/6/2023 13:30

Sample ID: 23C0950-40

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
Tetrachloroethylene	7.3	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:24	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	100	70-130		3/14/23 3:24
Toluene-d8	101	70-130		3/14/23 3:24
4-Bromofluorobenzene	100	70-130		3/14/23 3:24

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: MW8B-CP-00-030623 | Sampled: 3/6/2023 13:35

Sample ID: 23C0950-41

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	190	50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: MW8B-CP-00-030623 | Sampled: 3/6/2023 13:35

Sample ID: 23C0950-41

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
Trichloroethylene	1.1	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 3:52	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	98.5	70-130		3/14/23	3:52
Toluene-d8	102	70-130		3/14/23	3:52
4-Bromofluorobenzene	101	70-130		3/14/23	3:52

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: MW8C-CP-00-030623 | Sampled: 3/6/2023 13:40

Sample ID: 23C0950-42

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	3/13/23	3/14/23 4:19	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: MW8C-CP-00-030623 | Sampled: 3/6/2023 13:40

Sample ID: 23C0950-42

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:19	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	99.8	70-130		3/14/23 4:19
Toluene-d8	102	70-130		3/14/23 4:19
4-Bromofluorobenzene	101	70-130		3/14/23 4:19

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: MW9B-CP-00-030623 | Sampled: 3/6/2023 12:35

Sample ID: 23C0950-43

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	3/13/23	3/14/23 4:47	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: MW9B-CP-00-030623 | Sampled: 3/6/2023 12:35

Sample ID: 23C0950-43

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 4:47	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	102	70-130		3/14/23 4:47
Toluene-d8	100	70-130		3/14/23 4:47
4-Bromofluorobenzene	99.1	70-130		3/14/23 4:47

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: MW9C-CP-00-030623 | Sampled: 3/6/2023 12:30

Sample ID: 23C0950-44

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	3/13/23	3/14/23 5:15	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: MW9C-CP-00-030623 | Sampled: 3/6/2023 12:30

Sample ID: 23C0950-44

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:15	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	102	70-130		3/14/23 5:15
Toluene-d8	102	70-130		3/14/23 5:15
4-Bromofluorobenzene	101	70-130		3/14/23 5:15

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: MW10D-CP-00-030623 | Sampled: 3/6/2023 13:25

Sample ID: 23C0950-45

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	3/13/23	3/14/23 8:28	EEH
Acrylonitrile	ND	10	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
tert-Amyl Methyl Ether (TAME)	ND	1.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
Benzene	ND	2.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
Bromobenzene	ND	2.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
Bromochloromethane	ND	2.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
Bromodichloromethane	ND	1.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
Bromoform	ND	2.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
Bromomethane	ND	4.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
2-Butanone (MEK)	ND	40	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
tert-Butyl Alcohol (TBA)	ND	40	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
n-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
sec-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
tert-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	1.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
Carbon Disulfide	ND	10	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
Carbon Tetrachloride	ND	10	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
Chlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
Chlorodibromomethane	ND	1.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
Chloroethane	ND	4.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
Chloroform	ND	4.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
Chloromethane	ND	4.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
2-Chlorotoluene	ND	2.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
4-Chlorotoluene	ND	2.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
1,2-Dibromoethane (EDB)	ND	1.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
Dibromomethane	ND	2.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
1,2-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
1,3-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
1,4-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
trans-1,4-Dichloro-2-butene	ND	4.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
Dichlorodifluoromethane (Freon 12)	ND	4.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
1,1-Dichloroethane	2.2	2.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
1,2-Dichloroethane	ND	2.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
1,1-Dichloroethylene	9.4	2.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
cis-1,2-Dichloroethylene	6.6	2.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
trans-1,2-Dichloroethylene	ND	2.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
1,2-Dichloropropane	ND	2.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
1,3-Dichloropropane	ND	1.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
2,2-Dichloropropane	ND	2.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
1,1-Dichloropropene	ND	4.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
cis-1,3-Dichloropropene	ND	1.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
trans-1,3-Dichloropropene	ND	1.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
Diethyl Ether	ND	4.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: MW10D-CP-00-030623 | Sampled: 3/6/2023 13:25

Sample ID: 23C0950-45

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
Diisopropyl Ether (DIPE)	ND	1.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
1,4-Dioxane	ND	100	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
Ethylbenzene	ND	2.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
Hexachlorobutadiene	ND	1.2	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
2-Hexanone (MBK)	ND	20	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
Isopropylbenzene (Cumene)	ND	2.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
p-Isopropyltoluene (p-Cymene)	ND	2.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
Methyl Acetate	ND	2.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
Methyl tert-Butyl Ether (MTBE)	ND	2.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
Methyl Cyclohexane	ND	2.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
Methylene Chloride	ND	10	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
4-Methyl-2-pentanone (MIBK)	ND	20	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
Naphthalene	ND	4.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
n-Propylbenzene	ND	2.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
Styrene	ND	2.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
1,1,1,2-Tetrachloroethane	ND	2.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
1,1,2,2-Tetrachloroethane	ND	1.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
Tetrachloroethylene	4.7	2.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
Tetrahydrofuran	ND	20	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
Toluene	ND	2.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
1,2,3-Trichlorobenzene	ND	10	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
1,2,4-Trichlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
1,3,5-Trichlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
1,1,1-Trichloroethane	3.6	2.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
1,1,2-Trichloroethane	ND	2.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
Trichloroethylene	130	2.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
Trichlorofluoromethane (Freon 11)	ND	4.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
1,2,3-Trichloropropane	ND	4.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
1,2,4-Trimethylbenzene	ND	2.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
1,3,5-Trimethylbenzene	ND	2.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
Vinyl Chloride	ND	4.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
m+p Xylene	ND	4.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH
o-Xylene	ND	2.0	µg/L	2		SW-846 8260D	3/13/23	3/14/23 8:28	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	101	70-130			3/14/23 8:28
Toluene-d8	100	70-130			3/14/23 8:28
4-Bromofluorobenzene	101	70-130			3/14/23 8:28

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: MW11A-CP-00-030723 | Sampled: 3/7/2023 10:00

Sample ID: 23C0950-46

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	3/13/23	3/14/23 7:06	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
Dichlorodifluoromethane (Freon 12)	2.0	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
1,1-Dichloroethane	5.3	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
cis-1,2-Dichloroethylene	53	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: MW11A-CP-00-030723 | Sampled: 3/7/2023 10:00

Sample ID: 23C0950-46

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
Tetrachloroethylene	3.5	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
Trichloroethylene	4.3	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:06	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	100	70-130		3/14/23	7:06
Toluene-d8	101	70-130		3/14/23	7:06
4-Bromofluorobenzene	99.0	70-130		3/14/23	7:06

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: MW11B-CP-00-030723 | Sampled: 3/7/2023 09:55

Sample ID: 23C0950-47

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	3/13/23	3/14/23 7:33	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
Benzene	1.7	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
Dichlorodifluoromethane (Freon 12)	2.7	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
1,1-Dichloroethane	23	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
1,1-Dichloroethylene	3.2	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
cis-1,2-Dichloroethylene	41	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
Diethyl Ether	9.7	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: MW11B-CP-00-030723 | Sampled: 3/7/2023 09:55

Sample ID: 23C0950-47

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
Tetrachloroethylene	3.4	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
1,1,1-Trichloroethane	3.9	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
Trichloroethylene	6.1	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.0	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
Vinyl Chloride	4.5	2.0	µg/L	1	V-06	SW-846 8260D	3/13/23	3/14/23 7:33	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 7:33	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	101	70-130		3/14/23	7:33
Toluene-d8	101	70-130		3/14/23	7:33
4-Bromofluorobenzene	100	70-130		3/14/23	7:33

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: OBS1-CP-00-030623 | Sampled: 3/6/2023 15:05

Sample ID: 23C0950-48

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	3/13/23	3/14/23 5:43	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: OBS1-CP-00-030623 | Sampled: 3/6/2023 15:05

Sample ID: 23C0950-48

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 5:43	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		3/14/23 5:43
Toluene-d8	102	70-130		3/14/23 5:43
4-Bromofluorobenzene	101	70-130		3/14/23 5:43

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: SW1-CP-00-030723 | Sampled: 3/7/2023 12:00

Sample ID: 23C0950-49

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	3/13/23	3/14/23 8:00	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
cis-1,2-Dichloroethylene	24	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: SW1-CP-00-030723 | Sampled: 3/7/2023 12:00

Sample ID: 23C0950-49

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
Tetrachloroethylene	110	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
Trichloroethylene	20	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 8:00	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	102	70-130		3/14/23 8:00
Toluene-d8	101	70-130		3/14/23 8:00
4-Bromofluorobenzene	101	70-130		3/14/23 8:00

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: WT01-CP-00-030723 | Sampled: 3/7/2023 11:10

Sample ID: 23C0950-50

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	3/13/23	3/14/23 6:11	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: WT01-CP-00-030723 | Sampled: 3/7/2023 11:10

Sample ID: 23C0950-50

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 6:11	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	100	70-130		3/14/23 6:11
Toluene-d8	102	70-130		3/14/23 6:11
4-Bromofluorobenzene	99.5	70-130		3/14/23 6:11

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: TB-CP-QC-030723 | Sampled: 3/7/2023 00:00

Sample ID: 23C0950-51

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	3/13/23	3/14/23 1:33	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH

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

Project Location: Old Bethpage, New York | Sample Description: | Work Order: 23C0950

Date Received: 3/8/2023

Field Sample #: TB-CP-QC-030723 | Sampled: 3/7/2023 00:00

Sample ID: 23C0950-51

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	3/13/23	3/14/23 1:33	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	98.3	70-130		3/14/23	1:33
Toluene-d8	101	70-130		3/14/23	1:33
4-Bromofluorobenzene	101	70-130		3/14/23	1:33

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

Sample Extraction Data

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
23C0950-01 [BP3A-CP-00-030623]	B333875	5	5.00	03/10/23
23C0950-02 [BP3B-CP-00-030623]	B333875	5	5.00	03/10/23
23C0950-03 [BP3C-CP-00-030623]	B333875	5	5.00	03/10/23
23C0950-04 [BP5B-CP-00-030723]	B333875	5	5.00	03/10/23
23C0950-05 [BP5C-CP-00-030723]	B333875	5	5.00	03/10/23
23C0950-06 [BP12B-CP-00-030723]	B333875	5	5.00	03/10/23
23C0950-07 [BP12C-CP-00-030723]	B333875	5	5.00	03/10/23
23C0950-08 [BP13B-CP-00-030723]	B333875	5	5.00	03/10/23
23C0950-09 [BP13C-CP-00-030723]	B333875	5	5.00	03/10/23
23C0950-10 [DW1-CP-00-030723]	B333875	5	5.00	03/10/23
23C0950-11 [DW2-CP-00-030723]	B333875	5	5.00	03/10/23
23C0950-12 [DW2-CP-01-030723]	B333875	5	5.00	03/10/23
23C0950-13 [EW1A-CP-00-030723]	B333875	5	5.00	03/10/23
23C0950-14 [EW1B-CP-00-030723]	B333875	5	5.00	03/10/23
23C0950-15 [EW1C-CP-00-030723]	B333875	5	5.00	03/10/23
23C0950-16 [EW2A-CP-00-030623]	B333875	5	5.00	03/10/23
23C0950-17 [EW2B-CP-00-030623]	B333875	5	5.00	03/10/23
23C0950-18 [EW2C-CP-00-030623]	B333875	5	5.00	03/10/23

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
23C0950-19 [EW2D-CP-00-030623]	B333877	5	5.00	03/10/23
23C0950-20 [EW4A-CP-00-030723]	B333877	5	5.00	03/10/23
23C0950-21 [EW4B-CP-00-030723]	B333877	5	5.00	03/10/23
23C0950-22 [EW4C-CP-00-030723]	B333877	5	5.00	03/10/23
23C0950-23 [EW4D-CP-00-030723]	B333877	5	5.00	03/10/23
23C0950-24 [EW5-CP-00-030723]	B333877	5	5.00	03/10/23
23C0950-25 [EW7C-CP-00-030723]	B333877	1.25	5.00	03/10/23
23C0950-26 [EW7D-CP-00-030723]	B333877	5	5.00	03/10/23
23C0950-27 [EW11D-CP-00-030723]	B333877	2.5	5.00	03/10/23
23C0950-28 [EW12D-CP-00-030723]	B333877	1.25	5.00	03/10/23
23C0950-29 [EW14D-CP-00-030723]	B333877	5	5.00	03/10/23
23C0950-30 [LF1-CP-00-030723]	B333877	5	5.00	03/10/23
23C0950-31 [M30BR-CP-00-030723]	B333877	5	5.00	03/10/23
23C0950-32 [MW5B-CP-00-030623]	B333877	5	5.00	03/10/23
23C0950-33 [MW6B-CP-00-030623]	B333877	5	5.00	03/10/23
23C0950-34 [MW6C-CP-00-030623]	B333877	5	5.00	03/10/23
23C0950-35 [MW6D-CP-00-030623]	B333877	5	5.00	03/10/23
23C0950-36 [MW6D-CP-01-030623]	B333877	5	5.00	03/10/23
23C0950-37 [MW6E-CP-00-030623]	B333877	5	5.00	03/10/23

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
23C0950-38 [MW6F-CP-00-030623]	B334008	5	5.00	03/13/23
23C0950-39 [MW7BR-CP-00-030623]	B334008	5	5.00	03/13/23
23C0950-40 [MW8A-CP-00-030623]	B334008	5	5.00	03/13/23
23C0950-41 [MW8B-CP-00-030623]	B334008	5	5.00	03/13/23
23C0950-42 [MW8C-CP-00-030623]	B334008	5	5.00	03/13/23
23C0950-43 [MW9B-CP-00-030623]	B334008	5	5.00	03/13/23
23C0950-44 [MW9C-CP-00-030623]	B334008	5	5.00	03/13/23
23C0950-45 [MW10D-CP-00-030623]	B334008	2.5	5.00	03/13/23

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

Sample Extraction Data

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
23C0950-46 [MW11A-CP-00-030723]	B334008	5	5.00	03/13/23
23C0950-47 [MW11B-CP-00-030723]	B334008	5	5.00	03/13/23
23C0950-48 [OBS1-CP-00-030623]	B334008	5	5.00	03/13/23
23C0950-49 [SW1-CP-00-030723]	B334008	5	5.00	03/13/23
23C0950-50 [WT01-CP-00-030723]	B334008	5	5.00	03/13/23
23C0950-51 [TB-CP-QC-030723]	B334008	5	5.00	03/13/23

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B333875 - SW-846 5030B										
Blank (B333875-BLK1)				Prepared: 03/10/23 Analyzed: 03/11/23						
Acetone	ND	50	µg/L							
Acrylonitrile	ND	5.0	µg/L							
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							
Benzene	ND	1.0	µg/L							
Bromobenzene	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							
tert-Butyl Alcohol (TBA)	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							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	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							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	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							
trans-1,4-Dichloro-2-butene	ND	2.0	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							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.60	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							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B333875 - SW-846 5030B										
Blank (B333875-BLK1)				Prepared: 03/10/23 Analyzed: 03/11/23						
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							
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Tetrahydrofuran	ND	10	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							
1,3,5-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							
Surrogate: 1,2-Dichloroethane-d4	*24.0*		µg/L	25.0		96.0	70-130			
Surrogate: Toluene-d8	*25.1*		µg/L	25.0		101	70-130			
Surrogate: 4-Bromofluorobenzene	*24.9*		µg/L	25.0		99.7	70-130			
LCS (B333875-BS1)				Prepared & Analyzed: 03/10/23						
Acetone	98.5	50	µg/L	100		98.5	70-160			†
Acrylonitrile	9.79	5.0	µg/L	10.0		97.9	70-130			
tert-Amyl Methyl Ether (TAME)	9.21	0.50	µg/L	10.0		92.1	70-130			
Benzene	9.46	1.0	µg/L	10.0		94.6	70-130			
Bromobenzene	9.79	1.0	µg/L	10.0		97.9	70-130			
Bromochloromethane	10.8	1.0	µg/L	10.0		108	70-130			
Bromodichloromethane	9.78	0.50	µg/L	10.0		97.8	70-130			
Bromoform	9.98	1.0	µg/L	10.0		99.8	70-130			
Bromomethane	12.0	2.0	µg/L	10.0		120	40-160			†
2-Butanone (MEK)	101	20	µg/L	100		101	40-160			†
tert-Butyl Alcohol (TBA)	97.8	20	µg/L	100		97.8	40-160			†
n-Butylbenzene	9.43	1.0	µg/L	10.0		94.3	70-130			
sec-Butylbenzene	9.67	1.0	µg/L	10.0		96.7	70-130			
tert-Butylbenzene	9.82	1.0	µg/L	10.0		98.2	70-130			
tert-Butyl Ethyl Ether (TBEE)	9.72	0.50	µg/L	10.0		97.2	70-130			
Carbon Disulfide	113	5.0	µg/L	100		113	70-130			
Carbon Tetrachloride	10.2	5.0	µg/L	10.0		102	70-130			
Chlorobenzene	10.2	1.0	µg/L	10.0		102	70-130			
Chlorodibromomethane	9.75	0.50	µg/L	10.0		97.5	70-130			
Chloroethane	11.7	2.0	µg/L	10.0		117	70-130			
Chloroform	9.47	2.0	µg/L	10.0		94.7	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B333875 - SW-846 5030B										
LCS (B333875-BS1)				Prepared & Analyzed: 03/10/23						
Chloromethane	9.03	2.0	µg/L	10.0		90.3	40-160			†
2-Chlorotoluene	9.37	1.0	µg/L	10.0		93.7	70-130			
4-Chlorotoluene	9.91	1.0	µg/L	10.0		99.1	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	8.62	5.0	µg/L	10.0		86.2	70-130			
1,2-Dibromoethane (EDB)	10.1	0.50	µg/L	10.0		101	70-130			
Dibromomethane	9.81	1.0	µg/L	10.0		98.1	70-130			
1,2-Dichlorobenzene	9.60	1.0	µg/L	10.0		96.0	70-130			
1,3-Dichlorobenzene	9.57	1.0	µg/L	10.0		95.7	70-130			
1,4-Dichlorobenzene	9.20	1.0	µg/L	10.0		92.0	70-130			
trans-1,4-Dichloro-2-butene	8.83	2.0	µg/L	10.0		88.3	70-130			
Dichlorodifluoromethane (Freon 12)	10.0	2.0	µg/L	10.0		100	40-160			†
1,1-Dichloroethane	9.85	1.0	µg/L	10.0		98.5	70-130			
1,2-Dichloroethane	8.93	1.0	µg/L	10.0		89.3	70-130			
1,1-Dichloroethylene	10.9	1.0	µg/L	10.0		109	70-130			
cis-1,2-Dichloroethylene	10.2	1.0	µg/L	10.0		102	70-130			
trans-1,2-Dichloroethylene	9.85	1.0	µg/L	10.0		98.5	70-130			
1,2-Dichloropropane	9.68	1.0	µg/L	10.0		96.8	70-130			
1,3-Dichloropropane	9.65	0.50	µg/L	10.0		96.5	70-130			
2,2-Dichloropropane	8.24	1.0	µg/L	10.0		82.4	40-130			†
1,1-Dichloropropene	9.63	2.0	µg/L	10.0		96.3	70-130			
cis-1,3-Dichloropropene	9.63	0.50	µg/L	10.0		96.3	70-130			
trans-1,3-Dichloropropene	9.24	0.50	µg/L	10.0		92.4	70-130			
Diethyl Ether	10.5	2.0	µg/L	10.0		105	70-130			
Diisopropyl Ether (DIPE)	10.6	0.50	µg/L	10.0		106	70-130			
1,4-Dioxane	90.0	50	µg/L	100		90.0	40-130			†
Ethylbenzene	10.1	1.0	µg/L	10.0		101	70-130			
Hexachlorobutadiene	9.23	0.60	µg/L	10.0		92.3	70-130			
2-Hexanone (MBK)	100	10	µg/L	100		100	70-160			†
Isopropylbenzene (Cumene)	10.1	1.0	µg/L	10.0		101	70-130			
p-Isopropyltoluene (p-Cymene)	9.50	1.0	µg/L	10.0		95.0	70-130			
Methyl Acetate	10.3	1.0	µg/L	10.0		103	70-130			
Methyl tert-Butyl Ether (MTBE)	9.17	1.0	µg/L	10.0		91.7	70-130			
Methyl Cyclohexane	9.39	1.0	µg/L	10.0		93.9	70-130			
Methylene Chloride	11.1	5.0	µg/L	10.0		111	70-130			
4-Methyl-2-pentanone (MIBK)	102	10	µg/L	100		102	70-160			†
Naphthalene	7.97	2.0	µg/L	10.0		79.7	40-130			†
n-Propylbenzene	10.0	1.0	µg/L	10.0		100	70-130			
Styrene	10.2	1.0	µg/L	10.0		102	70-130			
1,1,1,2-Tetrachloroethane	10.5	1.0	µg/L	10.0		105	70-130			
1,1,2,2-Tetrachloroethane	9.79	0.50	µg/L	10.0		97.9	70-130			
Tetrachloroethylene	9.81	1.0	µg/L	10.0		98.1	70-130			
Tetrahydrofuran	10.4	10	µg/L	10.0		104	70-130			
Toluene	9.73	1.0	µg/L	10.0		97.3	70-130			
1,2,3-Trichlorobenzene	8.28	5.0	µg/L	10.0		82.8	70-130			
1,2,4-Trichlorobenzene	8.57	1.0	µg/L	10.0		85.7	70-130			
1,3,5-Trichlorobenzene	9.32	1.0	µg/L	10.0		93.2	70-130			
1,1,1-Trichloroethane	9.84	1.0	µg/L	10.0		98.4	70-130			
1,1,2-Trichloroethane	9.72	1.0	µg/L	10.0		97.2	70-130			
Trichloroethylene	10.1	1.0	µg/L	10.0		101	70-130			
Trichlorofluoromethane (Freon 11)	11.2	2.0	µg/L	10.0		112	70-130			
1,2,3-Trichloropropane	9.63	2.0	µg/L	10.0		96.3	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B333875 - SW-846 5030B											
LCS (B333875-BS1)				Prepared & Analyzed: 03/10/23							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.1	1.0	µg/L	10.0		111	70-130				
1,2,4-Trimethylbenzene	9.38	1.0	µg/L	10.0		93.8	70-130				
1,3,5-Trimethylbenzene	9.90	1.0	µg/L	10.0		99.0	70-130				
Vinyl Chloride	15.2	2.0	µg/L	10.0		152	40-160			V-20	†
m+p Xylene	20.2	2.0	µg/L	20.0		101	70-130				
o-Xylene	10.2	1.0	µg/L	10.0		102	70-130				
Surrogate: 1,2-Dichloroethane-d4	*24.3*		µg/L	25.0		97.2	70-130				
Surrogate: Toluene-d8	*24.6*		µg/L	25.0		98.2	70-130				
Surrogate: 4-Bromofluorobenzene	*25.4*		µg/L	25.0		102	70-130				
LCS Dup (B333875-BSD1)				Prepared & Analyzed: 03/10/23							
Acetone	98.0	50	µg/L	100		98.0	70-160	0.570	25		†
Acrylonitrile	10.1	5.0	µg/L	10.0		101	70-130	3.22	25		
tert-Amyl Methyl Ether (TAME)	9.29	0.50	µg/L	10.0		92.9	70-130	0.865	25		
Benzene	9.63	1.0	µg/L	10.0		96.3	70-130	1.78	25		
Bromobenzene	9.73	1.0	µg/L	10.0		97.3	70-130	0.615	25		
Bromochloromethane	10.9	1.0	µg/L	10.0		109	70-130	1.20	25		
Bromodichloromethane	10.0	0.50	µg/L	10.0		100	70-130	2.62	25		
Bromoform	10.3	1.0	µg/L	10.0		103	70-130	2.77	25		
Bromomethane	11.9	2.0	µg/L	10.0		119	40-160	1.59	25		†
2-Butanone (MEK)	104	20	µg/L	100		104	40-160	2.93	25		†
tert-Butyl Alcohol (TBA)	99.6	20	µg/L	100		99.6	40-160	1.82	25		†
n-Butylbenzene	9.37	1.0	µg/L	10.0		93.7	70-130	0.638	25		
sec-Butylbenzene	9.65	1.0	µg/L	10.0		96.5	70-130	0.207	25		
tert-Butylbenzene	9.57	1.0	µg/L	10.0		95.7	70-130	2.58	25		
tert-Butyl Ethyl Ether (TBEE)	9.76	0.50	µg/L	10.0		97.6	70-130	0.411	25		
Carbon Disulfide	112	5.0	µg/L	100		112	70-130	1.09	25		
Carbon Tetrachloride	10.1	5.0	µg/L	10.0		101	70-130	0.886	25		
Chlorobenzene	10.3	1.0	µg/L	10.0		103	70-130	1.17	25		
Chlorodibromomethane	10.2	0.50	µg/L	10.0		102	70-130	4.02	25		
Chloroethane	11.6	2.0	µg/L	10.0		116	70-130	0.430	25		
Chloroform	9.54	2.0	µg/L	10.0		95.4	70-130	0.736	25		
Chloromethane	9.65	2.0	µg/L	10.0		96.5	40-160	6.64	25		†
2-Chlorotoluene	9.10	1.0	µg/L	10.0		91.0	70-130	2.92	25		
4-Chlorotoluene	9.82	1.0	µg/L	10.0		98.2	70-130	0.912	25		
1,2-Dibromo-3-chloropropane (DBCP)	8.28	5.0	µg/L	10.0		82.8	70-130	4.02	25		
1,2-Dibromoethane (EDB)	10.0	0.50	µg/L	10.0		100	70-130	0.0995	25		
Dibromomethane	9.82	1.0	µg/L	10.0		98.2	70-130	0.102	25		
1,2-Dichlorobenzene	9.50	1.0	µg/L	10.0		95.0	70-130	1.05	25		
1,3-Dichlorobenzene	9.50	1.0	µg/L	10.0		95.0	70-130	0.734	25		
1,4-Dichlorobenzene	9.45	1.0	µg/L	10.0		94.5	70-130	2.68	25		
trans-1,4-Dichloro-2-butene	8.90	2.0	µg/L	10.0		89.0	70-130	0.790	25		
Dichlorodifluoromethane (Freon 12)	10.1	2.0	µg/L	10.0		101	40-160	1.09	25		†
1,1-Dichloroethane	9.91	1.0	µg/L	10.0		99.1	70-130	0.607	25		
1,2-Dichloroethane	9.03	1.0	µg/L	10.0		90.3	70-130	1.11	25		
1,1-Dichloroethylene	10.7	1.0	µg/L	10.0		107	70-130	2.32	25		
cis-1,2-Dichloroethylene	9.91	1.0	µg/L	10.0		99.1	70-130	2.79	25		
trans-1,2-Dichloroethylene	9.66	1.0	µg/L	10.0		96.6	70-130	1.95	25		
1,2-Dichloropropane	9.88	1.0	µg/L	10.0		98.8	70-130	2.04	25		
1,3-Dichloropropane	9.82	0.50	µg/L	10.0		98.2	70-130	1.75	25		
2,2-Dichloropropane	8.04	1.0	µg/L	10.0		80.4	40-130	2.46	25		†
1,1-Dichloropropene	9.75	2.0	µg/L	10.0		97.5	70-130	1.24	25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B333875 - SW-846 5030B											
LCS Dup (B333875-BSD1)				Prepared & Analyzed: 03/10/23							
cis-1,3-Dichloropropene	9.64	0.50	µg/L	10.0		96.4	70-130	0.104	25		
trans-1,3-Dichloropropene	9.26	0.50	µg/L	10.0		92.6	70-130	0.216	25		
Diethyl Ether	10.7	2.0	µg/L	10.0		107	70-130	1.99	25		
Diisopropyl Ether (DIPE)	10.5	0.50	µg/L	10.0		105	70-130	0.473	25		
1,4-Dioxane	93.1	50	µg/L	100		93.1	40-130	3.39	50		† ‡
Ethylbenzene	10.1	1.0	µg/L	10.0		101	70-130	0.296	25		
Hexachlorobutadiene	9.59	0.60	µg/L	10.0		95.9	70-130	3.83	25		
2-Hexanone (MBK)	103	10	µg/L	100		103	70-160	2.31	25		†
Isopropylbenzene (Cumene)	10.1	1.0	µg/L	10.0		101	70-130	0.595	25		
p-Isopropyltoluene (p-Cymene)	9.44	1.0	µg/L	10.0		94.4	70-130	0.634	25		
Methyl Acetate	10.7	1.0	µg/L	10.0		107	70-130	3.43	25		
Methyl tert-Butyl Ether (MTBE)	9.41	1.0	µg/L	10.0		94.1	70-130	2.58	25		
Methyl Cyclohexane	9.24	1.0	µg/L	10.0		92.4	70-130	1.61	25		
Methylene Chloride	11.0	5.0	µg/L	10.0		110	70-130	0.633	25		
4-Methyl-2-pentanone (MIBK)	103	10	µg/L	100		103	70-160	1.14	25		†
Naphthalene	7.70	2.0	µg/L	10.0		77.0	40-130	3.45	25		†
n-Propylbenzene	9.87	1.0	µg/L	10.0		98.7	70-130	1.61	25		
Styrene	10.3	1.0	µg/L	10.0		103	70-130	0.682	25		
1,1,1,2-Tetrachloroethane	10.5	1.0	µg/L	10.0		105	70-130	0.190	25		
1,1,2,2-Tetrachloroethane	9.77	0.50	µg/L	10.0		97.7	70-130	0.204	25		
Tetrachloroethylene	10.1	1.0	µg/L	10.0		101	70-130	3.11	25		
Tetrahydrofuran	10.0	10	µg/L	10.0		100	70-130	3.91	25		
Toluene	9.76	1.0	µg/L	10.0		97.6	70-130	0.308	25		
1,2,3-Trichlorobenzene	8.37	5.0	µg/L	10.0		83.7	70-130	1.08	25		
1,2,4-Trichlorobenzene	8.81	1.0	µg/L	10.0		88.1	70-130	2.76	25		
1,3,5-Trichlorobenzene	9.05	1.0	µg/L	10.0		90.5	70-130	2.94	25		
1,1,1-Trichloroethane	9.91	1.0	µg/L	10.0		99.1	70-130	0.709	25		
1,1,2-Trichloroethane	9.66	1.0	µg/L	10.0		96.6	70-130	0.619	25		
Trichloroethylene	9.69	1.0	µg/L	10.0		96.9	70-130	4.54	25		
Trichlorofluoromethane (Freon 11)	11.0	2.0	µg/L	10.0		110	70-130	1.97	25		
1,2,3-Trichloropropane	9.72	2.0	µg/L	10.0		97.2	70-130	0.930	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7	1.0	µg/L	10.0		107	70-130	3.57	25		
1,2,4-Trimethylbenzene	9.42	1.0	µg/L	10.0		94.2	70-130	0.426	25		
1,3,5-Trimethylbenzene	9.78	1.0	µg/L	10.0		97.8	70-130	1.22	25		
Vinyl Chloride	15.3	2.0	µg/L	10.0		153	40-160	0.853	25	V-20	†
m+p Xylene	19.9	2.0	µg/L	20.0		99.6	70-130	1.25	25		
o-Xylene	9.96	1.0	µg/L	10.0		99.6	70-130	1.89	25		
Surrogate: 1,2-Dichloroethane-d4	*24.1*		µg/L	25.0		96.6	70-130				
Surrogate: Toluene-d8	*25.1*		µg/L	25.0		100	70-130				
Surrogate: 4-Bromofluorobenzene	*25.7*		µg/L	25.0		103	70-130				
Batch B333877 - SW-846 5030B											
Blank (B333877-BLK1)				Prepared: 03/10/23 Analyzed: 03/11/23							
Acetone	ND	50	µg/L								
Acrylonitrile	ND	5.0	µg/L								
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L								
Benzene	ND	1.0	µg/L								
Bromobenzene	ND	1.0	µg/L								
Bromochloromethane	ND	1.0	µg/L								
Bromodichloromethane	ND	0.50	µg/L								
Bromoform	ND	1.0	µg/L								

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B333877 - SW-846 5030B										
Blank (B333877-BLK1)				Prepared: 03/10/23 Analyzed: 03/11/23						
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
tert-Butyl Alcohol (TBA)	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							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	5.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							V-05
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	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							
trans-1,4-Dichloro-2-butene	ND	2.0	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							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							V-05
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.60	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							
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B333877 - SW-846 5030B											
Blank (B333877-BLK1)				Prepared: 03/10/23 Analyzed: 03/11/23							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L								
Tetrachloroethylene	ND	1.0	µg/L								
Tetrahydrofuran	ND	10	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								
1,3,5-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								
Surrogate: 1,2-Dichloroethane-d4	*24.5*		µg/L	25.0		97.9	70-130				
Surrogate: Toluene-d8	*25.1*		µg/L	25.0		100	70-130				
Surrogate: 4-Bromofluorobenzene	*25.0*		µg/L	25.0		100	70-130				
LCS (B333877-BS1)				Prepared: 03/10/23 Analyzed: 03/11/23							
Acetone	116	50	µg/L	100		116	70-160				†
Acrylonitrile	11.3	5.0	µg/L	10.0		113	70-130				
tert-Amyl Methyl Ether (TAME)	9.56	0.50	µg/L	10.0		95.6	70-130				
Benzene	9.48	1.0	µg/L	10.0		94.8	70-130				
Bromobenzene	10.0	1.0	µg/L	10.0		100	70-130				
Bromochloromethane	11.0	1.0	µg/L	10.0		110	70-130				
Bromodichloromethane	10.1	0.50	µg/L	10.0		101	70-130				
Bromoform	10.6	1.0	µg/L	10.0		106	70-130				
Bromomethane	10.5	2.0	µg/L	10.0		105	40-160				†
2-Butanone (MEK)	119	20	µg/L	100		119	40-160				†
tert-Butyl Alcohol (TBA)	121	20	µg/L	100		121	40-160				†
n-Butylbenzene	8.84	1.0	µg/L	10.0		88.4	70-130				
sec-Butylbenzene	9.31	1.0	µg/L	10.0		93.1	70-130				
tert-Butylbenzene	9.35	1.0	µg/L	10.0		93.5	70-130				
tert-Butyl Ethyl Ether (TBEE)	9.85	0.50	µg/L	10.0		98.5	70-130				
Carbon Disulfide	107	5.0	µg/L	100		107	70-130				
Carbon Tetrachloride	10.1	5.0	µg/L	10.0		101	70-130				
Chlorobenzene	10.1	1.0	µg/L	10.0		101	70-130				
Chlorodibromomethane	9.95	0.50	µg/L	10.0		99.5	70-130				
Chloroethane	11.6	2.0	µg/L	10.0		116	70-130				
Chloroform	9.61	2.0	µg/L	10.0		96.1	70-130				
Chloromethane	8.12	2.0	µg/L	10.0		81.2	40-160			V-05	†
2-Chlorotoluene	9.24	1.0	µg/L	10.0		92.4	70-130				
4-Chlorotoluene	9.83	1.0	µg/L	10.0		98.3	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	9.07	5.0	µg/L	10.0		90.7	70-130				
1,2-Dibromoethane (EDB)	10.4	0.50	µg/L	10.0		104	70-130				
Dibromomethane	9.99	1.0	µg/L	10.0		99.9	70-130				
1,2-Dichlorobenzene	9.42	1.0	µg/L	10.0		94.2	70-130				
1,3-Dichlorobenzene	9.44	1.0	µg/L	10.0		94.4	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B333877 - SW-846 5030B											
LCS (B333877-BS1)				Prepared: 03/10/23 Analyzed: 03/11/23							
1,4-Dichlorobenzene	9.13	1.0	µg/L	10.0		91.3	70-130				
trans-1,4-Dichloro-2-butene	8.63	2.0	µg/L	10.0		86.3	70-130				
Dichlorodifluoromethane (Freon 12)	9.44	2.0	µg/L	10.0		94.4	40-160				†
1,1-Dichloroethane	10.1	1.0	µg/L	10.0		101	70-130				
1,2-Dichloroethane	9.34	1.0	µg/L	10.0		93.4	70-130				
1,1-Dichloroethylene	10.7	1.0	µg/L	10.0		107	70-130				
cis-1,2-Dichloroethylene	10.0	1.0	µg/L	10.0		100	70-130				
trans-1,2-Dichloroethylene	9.75	1.0	µg/L	10.0		97.5	70-130				
1,2-Dichloropropane	9.64	1.0	µg/L	10.0		96.4	70-130				
1,3-Dichloropropane	9.80	0.50	µg/L	10.0		98.0	70-130				
2,2-Dichloropropane	6.21	1.0	µg/L	10.0		62.1	40-130			V-05	†
1,1-Dichloropropene	9.52	2.0	µg/L	10.0		95.2	70-130				
cis-1,3-Dichloropropene	9.13	0.50	µg/L	10.0		91.3	70-130				
trans-1,3-Dichloropropene	9.10	0.50	µg/L	10.0		91.0	70-130				
Diethyl Ether	11.1	2.0	µg/L	10.0		111	70-130				
Diisopropyl Ether (DIPE)	10.9	0.50	µg/L	10.0		109	70-130				
1,4-Dioxane	106	50	µg/L	100		106	40-130				†
Ethylbenzene	9.85	1.0	µg/L	10.0		98.5	70-130				
Hexachlorobutadiene	8.75	0.60	µg/L	10.0		87.5	70-130				
2-Hexanone (MBK)	117	10	µg/L	100		117	70-160				†
Isopropylbenzene (Cumene)	9.85	1.0	µg/L	10.0		98.5	70-130				
p-Isopropyltoluene (p-Cymene)	8.86	1.0	µg/L	10.0		88.6	70-130				
Methyl Acetate	12.3	1.0	µg/L	10.0		123	70-130				
Methyl tert-Butyl Ether (MTBE)	9.70	1.0	µg/L	10.0		97.0	70-130				
Methyl Cyclohexane	8.90	1.0	µg/L	10.0		89.0	70-130				
Methylene Chloride	11.1	5.0	µg/L	10.0		111	70-130				
4-Methyl-2-pentanone (MIBK)	117	10	µg/L	100		117	70-160				†
Naphthalene	8.89	2.0	µg/L	10.0		88.9	40-130				†
n-Propylbenzene	9.82	1.0	µg/L	10.0		98.2	70-130				
Styrene	10.1	1.0	µg/L	10.0		101	70-130				
1,1,1,2-Tetrachloroethane	10.4	1.0	µg/L	10.0		104	70-130				
1,1,2,2-Tetrachloroethane	10.6	0.50	µg/L	10.0		106	70-130				
Tetrachloroethylene	9.90	1.0	µg/L	10.0		99.0	70-130				
Tetrahydrofuran	12.2	10	µg/L	10.0		122	70-130				
Toluene	9.69	1.0	µg/L	10.0		96.9	70-130				
1,2,3-Trichlorobenzene	9.05	5.0	µg/L	10.0		90.5	70-130				
1,2,4-Trichlorobenzene	8.95	1.0	µg/L	10.0		89.5	70-130				
1,3,5-Trichlorobenzene	8.85	1.0	µg/L	10.0		88.5	70-130				
1,1,1-Trichloroethane	9.96	1.0	µg/L	10.0		99.6	70-130				
1,1,2-Trichloroethane	10.1	1.0	µg/L	10.0		101	70-130				
Trichloroethylene	10.0	1.0	µg/L	10.0		100	70-130				
Trichlorofluoromethane (Freon 11)	10.8	2.0	µg/L	10.0		108	70-130				
1,2,3-Trichloropropane	10.5	2.0	µg/L	10.0		105	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5	1.0	µg/L	10.0		105	70-130				
1,2,4-Trimethylbenzene	9.07	1.0	µg/L	10.0		90.7	70-130				
1,3,5-Trimethylbenzene	9.70	1.0	µg/L	10.0		97.0	70-130				
Vinyl Chloride	13.3	2.0	µg/L	10.0		133	40-160			V-20	†
m+p Xylene	20.0	2.0	µg/L	20.0		100	70-130				
o-Xylene	10.0	1.0	µg/L	10.0		100	70-130				
Surrogate: 1,2-Dichloroethane-d4	*25.2*		µg/L	25.0		101	70-130				
Surrogate: Toluene-d8	*24.9*		µg/L	25.0		99.5	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B333877 - SW-846 5030B											
LCS (B333877-BS1)				Prepared: 03/10/23 Analyzed: 03/11/23							
Surrogate: 4-Bromofluorobenzene	*25.5*		µg/L	25.0		102	70-130				
LCS Dup (B333877-BSD1)				Prepared: 03/10/23 Analyzed: 03/11/23							
Acetone	108	50	µg/L	100		108	70-160	7.08	25		†
Acrylonitrile	11.0	5.0	µg/L	10.0		110	70-130	2.61	25		
tert-Amyl Methyl Ether (TAME)	9.55	0.50	µg/L	10.0		95.5	70-130	0.105	25		
Benzene	9.82	1.0	µg/L	10.0		98.2	70-130	3.52	25		
Bromobenzene	10.1	1.0	µg/L	10.0		101	70-130	0.497	25		
Bromochloromethane	11.1	1.0	µg/L	10.0		111	70-130	0.816	25		
Bromodichloromethane	10.5	0.50	µg/L	10.0		105	70-130	4.38	25		
Bromoform	10.6	1.0	µg/L	10.0		106	70-130	0.565	25		
Bromomethane	11.3	2.0	µg/L	10.0		113	40-160	7.42	25		†
2-Butanone (MEK)	108	20	µg/L	100		108	40-160	9.10	25		†
tert-Butyl Alcohol (TBA)	119	20	µg/L	100		119	40-160	1.69	25		†
n-Butylbenzene	8.94	1.0	µg/L	10.0		89.4	70-130	1.12	25		
sec-Butylbenzene	9.50	1.0	µg/L	10.0		95.0	70-130	2.02	25		
tert-Butylbenzene	9.51	1.0	µg/L	10.0		95.1	70-130	1.70	25		
tert-Butyl Ethyl Ether (TBEE)	9.93	0.50	µg/L	10.0		99.3	70-130	0.809	25		
Carbon Disulfide	109	5.0	µg/L	100		109	70-130	2.00	25		
Carbon Tetrachloride	10.4	5.0	µg/L	10.0		104	70-130	2.94	25		
Chlorobenzene	10.4	1.0	µg/L	10.0		104	70-130	3.13	25		
Chlorodibromomethane	10.2	0.50	µg/L	10.0		102	70-130	2.48	25		
Chloroethane	11.8	2.0	µg/L	10.0		118	70-130	1.02	25		
Chloroform	9.68	2.0	µg/L	10.0		96.8	70-130	0.726	25		
Chloromethane	8.23	2.0	µg/L	10.0		82.3	40-160	1.35	25	V-05	†
2-Chlorotoluene	9.16	1.0	µg/L	10.0		91.6	70-130	0.870	25		
4-Chlorotoluene	9.92	1.0	µg/L	10.0		99.2	70-130	0.911	25		
1,2-Dibromo-3-chloropropane (DBCP)	9.55	5.0	µg/L	10.0		95.5	70-130	5.16	25		
1,2-Dibromoethane (EDB)	10.4	0.50	µg/L	10.0		104	70-130	0.0966	25		
Dibromomethane	10.3	1.0	µg/L	10.0		103	70-130	2.86	25		
1,2-Dichlorobenzene	9.58	1.0	µg/L	10.0		95.8	70-130	1.68	25		
1,3-Dichlorobenzene	9.51	1.0	µg/L	10.0		95.1	70-130	0.739	25		
1,4-Dichlorobenzene	9.16	1.0	µg/L	10.0		91.6	70-130	0.328	25		
trans-1,4-Dichloro-2-butene	8.53	2.0	µg/L	10.0		85.3	70-130	1.17	25		
Dichlorodifluoromethane (Freon 12)	10.0	2.0	µg/L	10.0		100	40-160	5.86	25		†
1,1-Dichloroethane	9.98	1.0	µg/L	10.0		99.8	70-130	0.997	25		
1,2-Dichloroethane	9.24	1.0	µg/L	10.0		92.4	70-130	1.08	25		
1,1-Dichloroethylene	11.1	1.0	µg/L	10.0		111	70-130	3.77	25		
cis-1,2-Dichloroethylene	10.1	1.0	µg/L	10.0		101	70-130	1.19	25		
trans-1,2-Dichloroethylene	9.75	1.0	µg/L	10.0		97.5	70-130	0.00	25		
1,2-Dichloropropane	10.1	1.0	µg/L	10.0		101	70-130	4.56	25		
1,3-Dichloropropane	10.2	0.50	µg/L	10.0		102	70-130	3.61	25		
2,2-Dichloropropane	6.21	1.0	µg/L	10.0		62.1	40-130	0.00	25	V-05	†
1,1-Dichloropropene	9.81	2.0	µg/L	10.0		98.1	70-130	3.00	25		
cis-1,3-Dichloropropene	9.36	0.50	µg/L	10.0		93.6	70-130	2.49	25		
trans-1,3-Dichloropropene	8.99	0.50	µg/L	10.0		89.9	70-130	1.22	25		
Diethyl Ether	10.9	2.0	µg/L	10.0		109	70-130	1.73	25		
Diisopropyl Ether (DIPE)	10.8	0.50	µg/L	10.0		108	70-130	1.38	25		
1,4-Dioxane	111	50	µg/L	100		111	40-130	4.68	50		† ‡
Ethylbenzene	10.3	1.0	µg/L	10.0		103	70-130	4.17	25		
Hexachlorobutadiene	9.03	0.60	µg/L	10.0		90.3	70-130	3.15	25		
2-Hexanone (MBK)	111	10	µg/L	100		111	70-160	4.57	25		†

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B333877 - SW-846 5030B											
LCS Dup (B333877-BSD1)				Prepared: 03/10/23 Analyzed: 03/11/23							
Isopropylbenzene (Cumene)	10.2	1.0	µg/L	10.0		102	70-130	3.98	25		
p-Isopropyltoluene (p-Cymene)	9.13	1.0	µg/L	10.0		91.3	70-130	3.00	25		
Methyl Acetate	11.9	1.0	µg/L	10.0		119	70-130	3.80	25		
Methyl tert-Butyl Ether (MTBE)	9.73	1.0	µg/L	10.0		97.3	70-130	0.309	25		
Methyl Cyclohexane	9.36	1.0	µg/L	10.0		93.6	70-130	5.04	25		
Methylene Chloride	11.1	5.0	µg/L	10.0		111	70-130	0.180	25		
4-Methyl-2-pentanone (MIBK)	114	10	µg/L	100		114	70-160	1.96	25		†
Naphthalene	8.47	2.0	µg/L	10.0		84.7	40-130	4.84	25		†
n-Propylbenzene	9.88	1.0	µg/L	10.0		98.8	70-130	0.609	25		
Styrene	10.4	1.0	µg/L	10.0		104	70-130	2.34	25		
1,1,1,2-Tetrachloroethane	10.8	1.0	µg/L	10.0		108	70-130	4.52	25		
1,1,2,2-Tetrachloroethane	10.5	0.50	µg/L	10.0		105	70-130	0.284	25		
Tetrachloroethylene	10.1	1.0	µg/L	10.0		101	70-130	1.60	25		
Tetrahydrofuran	10.7	10	µg/L	10.0		107	70-130	13.3	25		
Toluene	10.0	1.0	µg/L	10.0		100	70-130	3.65	25		
1,2,3-Trichlorobenzene	8.76	5.0	µg/L	10.0		87.6	70-130	3.26	25		
1,2,4-Trichlorobenzene	8.90	1.0	µg/L	10.0		89.0	70-130	0.560	25		
1,3,5-Trichlorobenzene	8.80	1.0	µg/L	10.0		88.0	70-130	0.567	25		
1,1,1-Trichloroethane	10.1	1.0	µg/L	10.0		101	70-130	1.69	25		
1,1,2-Trichloroethane	10.3	1.0	µg/L	10.0		103	70-130	1.96	25		
Trichloroethylene	10.3	1.0	µg/L	10.0		103	70-130	2.47	25		
Trichlorofluoromethane (Freon 11)	11.2	2.0	µg/L	10.0		112	70-130	3.72	25		
1,2,3-Trichloropropane	10.2	2.0	µg/L	10.0		102	70-130	2.62	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8	1.0	µg/L	10.0		108	70-130	2.73	25		
1,2,4-Trimethylbenzene	9.26	1.0	µg/L	10.0		92.6	70-130	2.07	25		
1,3,5-Trimethylbenzene	9.95	1.0	µg/L	10.0		99.5	70-130	2.54	25		
Vinyl Chloride	14.5	2.0	µg/L	10.0		145	40-160	8.13	25	V-20	†
m+p Xylene	20.6	2.0	µg/L	20.0		103	70-130	2.86	25		
o-Xylene	10.2	1.0	µg/L	10.0		102	70-130	1.78	25		
Surrogate: 1,2-Dichloroethane-d4	*24.7*		µg/L	25.0		98.9	70-130				
Surrogate: Toluene-d8	*25.3*		µg/L	25.0		101	70-130				
Surrogate: 4-Bromofluorobenzene	*26.0*		µg/L	25.0		104	70-130				
Batch B334008 - SW-846 5030B											
Blank (B334008-BLK1)				Prepared: 03/13/23 Analyzed: 03/14/23							
Acetone	ND	50	µg/L								
Acrylonitrile	ND	5.0	µg/L								
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L								
Benzene	ND	1.0	µg/L								
Bromobenzene	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								
tert-Butyl Alcohol (TBA)	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								
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L								
Carbon Disulfide	ND	5.0	µg/L								

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B334008 - SW-846 5030B										
Blank (B334008-BLK1)				Prepared: 03/13/23 Analyzed: 03/14/23						
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							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	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							
trans-1,4-Dichloro-2-butene	ND	2.0	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							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.60	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							
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Tetrahydrofuran	ND	10	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							
1,3,5-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B334008 - SW-846 5030B										
Blank (B334008-BLK1)				Prepared: 03/13/23 Analyzed: 03/14/23						
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							
Surrogate: 1,2-Dichloroethane-d4	*25.0*		µg/L	25.0		100	70-130			
Surrogate: Toluene-d8	*25.1*		µg/L	25.0		101	70-130			
Surrogate: 4-Bromofluorobenzene	*24.9*		µg/L	25.0		99.6	70-130			
LCS (B334008-BS1)				Prepared & Analyzed: 03/13/23						
Acetone	107	50	µg/L	100		107	70-160			†
Acrylonitrile	10.6	5.0	µg/L	10.0		106	70-130			
tert-Amyl Methyl Ether (TAME)	8.87	0.50	µg/L	10.0		88.7	70-130			
Benzene	9.55	1.0	µg/L	10.0		95.5	70-130			
Bromobenzene	9.41	1.0	µg/L	10.0		94.1	70-130			
Bromochloromethane	11.0	1.0	µg/L	10.0		110	70-130			
Bromodichloromethane	9.73	0.50	µg/L	10.0		97.3	70-130			
Bromoform	9.15	1.0	µg/L	10.0		91.5	70-130			
Bromomethane	10.0	2.0	µg/L	10.0		100	40-160			†
2-Butanone (MEK)	107	20	µg/L	100		107	40-160			†
tert-Butyl Alcohol (TBA)	108	20	µg/L	100		108	40-160			†
n-Butylbenzene	9.05	1.0	µg/L	10.0		90.5	70-130			
sec-Butylbenzene	9.33	1.0	µg/L	10.0		93.3	70-130			
tert-Butylbenzene	9.13	1.0	µg/L	10.0		91.3	70-130			
tert-Butyl Ethyl Ether (TBEE)	9.37	0.50	µg/L	10.0		93.7	70-130			
Carbon Disulfide	114	5.0	µg/L	100		114	70-130			
Carbon Tetrachloride	9.88	5.0	µg/L	10.0		98.8	70-130			
Chlorobenzene	9.80	1.0	µg/L	10.0		98.0	70-130			
Chlorodibromomethane	9.49	0.50	µg/L	10.0		94.9	70-130			
Chloroethane	12.7	2.0	µg/L	10.0		127	70-130			
Chloroform	9.49	2.0	µg/L	10.0		94.9	70-130			
Chloromethane	10.4	2.0	µg/L	10.0		104	40-160			†
2-Chlorotoluene	8.70	1.0	µg/L	10.0		87.0	70-130			
4-Chlorotoluene	9.56	1.0	µg/L	10.0		95.6	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	8.26	5.0	µg/L	10.0		82.6	70-130			
1,2-Dibromoethane (EDB)	9.69	0.50	µg/L	10.0		96.9	70-130			
Dibromomethane	9.43	1.0	µg/L	10.0		94.3	70-130			
1,2-Dichlorobenzene	9.31	1.0	µg/L	10.0		93.1	70-130			
1,3-Dichlorobenzene	9.17	1.0	µg/L	10.0		91.7	70-130			
1,4-Dichlorobenzene	8.96	1.0	µg/L	10.0		89.6	70-130			
trans-1,4-Dichloro-2-butene	8.91	2.0	µg/L	10.0		89.1	70-130			
Dichlorodifluoromethane (Freon 12)	10.2	2.0	µg/L	10.0		102	40-160			†
1,1-Dichloroethane	9.88	1.0	µg/L	10.0		98.8	70-130			
1,2-Dichloroethane	8.89	1.0	µg/L	10.0		88.9	70-130			
1,1-Dichloroethylene	11.0	1.0	µg/L	10.0		110	70-130			
cis-1,2-Dichloroethylene	10.2	1.0	µg/L	10.0		102	70-130			
trans-1,2-Dichloroethylene	9.91	1.0	µg/L	10.0		99.1	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B334008 - SW-846 5030B											
LCS (B334008-BS1)				Prepared & Analyzed: 03/13/23							
1,2-Dichloropropane	9.51	1.0	µg/L	10.0		95.1	70-130				
1,3-Dichloropropane	9.52	0.50	µg/L	10.0		95.2	70-130				
2,2-Dichloropropane	8.18	1.0	µg/L	10.0		81.8	40-130				†
1,1-Dichloropropene	9.80	2.0	µg/L	10.0		98.0	70-130				
cis-1,3-Dichloropropene	9.26	0.50	µg/L	10.0		92.6	70-130				
trans-1,3-Dichloropropene	8.73	0.50	µg/L	10.0		87.3	70-130				
Diethyl Ether	10.6	2.0	µg/L	10.0		106	70-130				
Diisopropyl Ether (DIPE)	10.5	0.50	µg/L	10.0		105	70-130				
1,4-Dioxane	108	50	µg/L	100		108	40-130				†
Ethylbenzene	9.77	1.0	µg/L	10.0		97.7	70-130				
Hexachlorobutadiene	8.35	0.60	µg/L	10.0		83.5	70-130				
2-Hexanone (MBK)	105	10	µg/L	100		105	70-160				†
Isopropylbenzene (Cumene)	9.59	1.0	µg/L	10.0		95.9	70-130				
p-Isopropyltoluene (p-Cymene)	8.95	1.0	µg/L	10.0		89.5	70-130				
Methyl Acetate	11.6	1.0	µg/L	10.0		116	70-130				
Methyl tert-Butyl Ether (MTBE)	9.11	1.0	µg/L	10.0		91.1	70-130				
Methyl Cyclohexane	9.21	1.0	µg/L	10.0		92.1	70-130				
Methylene Chloride	11.3	5.0	µg/L	10.0		113	70-130				
4-Methyl-2-pentanone (MIBK)	106	10	µg/L	100		106	70-160				†
Naphthalene	7.33	2.0	µg/L	10.0		73.3	40-130				†
n-Propylbenzene	9.55	1.0	µg/L	10.0		95.5	70-130				
Styrene	9.76	1.0	µg/L	10.0		97.6	70-130				
1,1,1,2-Tetrachloroethane	9.77	1.0	µg/L	10.0		97.7	70-130				
1,1,2,2-Tetrachloroethane	9.58	0.50	µg/L	10.0		95.8	70-130				
Tetrachloroethylene	9.83	1.0	µg/L	10.0		98.3	70-130				
Tetrahydrofuran	9.88	10	µg/L	10.0		98.8	70-130				
Toluene	9.69	1.0	µg/L	10.0		96.9	70-130				
1,2,3-Trichlorobenzene	7.13	5.0	µg/L	10.0		71.3	70-130				
1,2,4-Trichlorobenzene	7.66	1.0	µg/L	10.0		76.6	70-130				
1,3,5-Trichlorobenzene	8.64	1.0	µg/L	10.0		86.4	70-130				
1,1,1-Trichloroethane	9.96	1.0	µg/L	10.0		99.6	70-130				
1,1,2-Trichloroethane	9.44	1.0	µg/L	10.0		94.4	70-130				
Trichloroethylene	9.52	1.0	µg/L	10.0		95.2	70-130				
Trichlorofluoromethane (Freon 11)	11.0	2.0	µg/L	10.0		110	70-130				
1,2,3-Trichloropropane	9.69	2.0	µg/L	10.0		96.9	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.2	1.0	µg/L	10.0		112	70-130				
1,2,4-Trimethylbenzene	8.95	1.0	µg/L	10.0		89.5	70-130				
1,3,5-Trimethylbenzene	9.46	1.0	µg/L	10.0		94.6	70-130				
Vinyl Chloride	14.6	2.0	µg/L	10.0		146	40-160			V-06	†
m+p Xylene	19.4	2.0	µg/L	20.0		97.2	70-130				
o-Xylene	9.83	1.0	µg/L	10.0		98.3	70-130				
Surrogate: 1,2-Dichloroethane-d4	*25.2*		µg/L	25.0		101	70-130				
Surrogate: Toluene-d8	*25.3*		µg/L	25.0		101	70-130				
Surrogate: 4-Bromofluorobenzene	*25.7*		µg/L	25.0		103	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B334008 - SW-846 5030B										
LCS Dup (B334008-BSD1)				Prepared: 03/13/23 Analyzed: 03/14/23						
Acetone	105	50	µg/L	100		105	70-160	1.99	25	†
Acrylonitrile	11.2	5.0	µg/L	10.0		112	70-130	5.43	25	
tert-Amyl Methyl Ether (TAME)	9.22	0.50	µg/L	10.0		92.2	70-130	3.87	25	
Benzene	9.91	1.0	µg/L	10.0		99.1	70-130	3.70	25	
Bromobenzene	9.78	1.0	µg/L	10.0		97.8	70-130	3.86	25	
Bromochloromethane	10.9	1.0	µg/L	10.0		109	70-130	0.547	25	
Bromodichloromethane	9.78	0.50	µg/L	10.0		97.8	70-130	0.513	25	
Bromoform	9.41	1.0	µg/L	10.0		94.1	70-130	2.80	25	
Bromomethane	11.4	2.0	µg/L	10.0		114	40-160	12.6	25	†
2-Butanone (MEK)	104	20	µg/L	100		104	40-160	2.27	25	†
tert-Butyl Alcohol (TBA)	105	20	µg/L	100		105	40-160	2.88	25	†
n-Butylbenzene	9.33	1.0	µg/L	10.0		93.3	70-130	3.05	25	
sec-Butylbenzene	9.47	1.0	µg/L	10.0		94.7	70-130	1.49	25	
tert-Butylbenzene	9.24	1.0	µg/L	10.0		92.4	70-130	1.20	25	
tert-Butyl Ethyl Ether (TBEE)	9.57	0.50	µg/L	10.0		95.7	70-130	2.11	25	
Carbon Disulfide	117	5.0	µg/L	100		117	70-130	2.71	25	
Carbon Tetrachloride	10.4	5.0	µg/L	10.0		104	70-130	5.51	25	
Chlorobenzene	10.0	1.0	µg/L	10.0		100	70-130	2.22	25	
Chlorodibromomethane	9.46	0.50	µg/L	10.0		94.6	70-130	0.317	25	
Chloroethane	11.6	2.0	µg/L	10.0		116	70-130	8.80	25	
Chloroform	9.73	2.0	µg/L	10.0		97.3	70-130	2.50	25	
Chloromethane	8.57	2.0	µg/L	10.0		85.7	40-160	19.8	25	†
2-Chlorotoluene	8.76	1.0	µg/L	10.0		87.6	70-130	0.687	25	
4-Chlorotoluene	9.62	1.0	µg/L	10.0		96.2	70-130	0.626	25	
1,2-Dibromo-3-chloropropane (DBCP)	8.08	5.0	µg/L	10.0		80.8	70-130	2.20	25	
1,2-Dibromoethane (EDB)	9.82	0.50	µg/L	10.0		98.2	70-130	1.33	25	
Dibromomethane	9.79	1.0	µg/L	10.0		97.9	70-130	3.75	25	
1,2-Dichlorobenzene	9.15	1.0	µg/L	10.0		91.5	70-130	1.73	25	
1,3-Dichlorobenzene	9.17	1.0	µg/L	10.0		91.7	70-130	0.00	25	
1,4-Dichlorobenzene	9.04	1.0	µg/L	10.0		90.4	70-130	0.889	25	
trans-1,4-Dichloro-2-butene	8.50	2.0	µg/L	10.0		85.0	70-130	4.71	25	
Dichlorodifluoromethane (Freon 12)	10.3	2.0	µg/L	10.0		103	40-160	1.17	25	†
1,1-Dichloroethane	10.3	1.0	µg/L	10.0		103	70-130	4.07	25	
1,2-Dichloroethane	9.08	1.0	µg/L	10.0		90.8	70-130	2.11	25	
1,1-Dichloroethylene	11.6	1.0	µg/L	10.0		116	70-130	5.41	25	
cis-1,2-Dichloroethylene	10.2	1.0	µg/L	10.0		102	70-130	0.0984	25	
trans-1,2-Dichloroethylene	10.2	1.0	µg/L	10.0		102	70-130	2.39	25	
1,2-Dichloropropane	9.54	1.0	µg/L	10.0		95.4	70-130	0.315	25	
1,3-Dichloropropane	9.66	0.50	µg/L	10.0		96.6	70-130	1.46	25	
2,2-Dichloropropane	8.26	1.0	µg/L	10.0		82.6	40-130	0.973	25	†
1,1-Dichloropropene	10.1	2.0	µg/L	10.0		101	70-130	2.62	25	
cis-1,3-Dichloropropene	9.45	0.50	µg/L	10.0		94.5	70-130	2.03	25	
trans-1,3-Dichloropropene	8.93	0.50	µg/L	10.0		89.3	70-130	2.27	25	
Diethyl Ether	10.8	2.0	µg/L	10.0		108	70-130	1.87	25	
Diisopropyl Ether (DIPE)	10.7	0.50	µg/L	10.0		107	70-130	1.79	25	
1,4-Dioxane	92.1	50	µg/L	100		92.1	40-130	16.2	50	† ‡
Ethylbenzene	9.95	1.0	µg/L	10.0		99.5	70-130	1.83	25	
Hexachlorobutadiene	8.54	0.60	µg/L	10.0		85.4	70-130	2.25	25	
2-Hexanone (MBK)	105	10	µg/L	100		105	70-160	0.496	25	†
Isopropylbenzene (Cumene)	9.89	1.0	µg/L	10.0		98.9	70-130	3.08	25	
p-Isopropyltoluene (p-Cymene)	9.27	1.0	µg/L	10.0		92.7	70-130	3.51	25	
Methyl Acetate	12.0	1.0	µg/L	10.0		120	70-130	3.23	25	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B334008 - SW-846 5030B											
LCS Dup (B334008-BSD1)				Prepared: 03/13/23 Analyzed: 03/14/23							
Methyl tert-Butyl Ether (MTBE)	9.43	1.0	µg/L	10.0		94.3	70-130	3.45	25		
Methyl Cyclohexane	9.51	1.0	µg/L	10.0		95.1	70-130	3.21	25		
Methylene Chloride	11.2	5.0	µg/L	10.0		112	70-130	1.15	25		
4-Methyl-2-pentanone (MIBK)	106	10	µg/L	100		106	70-160	0.434	25		†
Naphthalene	8.01	2.0	µg/L	10.0		80.1	40-130	8.87	25		†
n-Propylbenzene	9.72	1.0	µg/L	10.0		97.2	70-130	1.76	25		
Styrene	9.71	1.0	µg/L	10.0		97.1	70-130	0.514	25		
1,1,1,2-Tetrachloroethane	9.83	1.0	µg/L	10.0		98.3	70-130	0.612	25		
1,1,2,2-Tetrachloroethane	9.66	0.50	µg/L	10.0		96.6	70-130	0.832	25		
Tetrachloroethylene	9.73	1.0	µg/L	10.0		97.3	70-130	1.02	25		
Tetrahydrofuran	10.5	10	µg/L	10.0		105	70-130	5.80	25		
Toluene	9.80	1.0	µg/L	10.0		98.0	70-130	1.13	25		
1,2,3-Trichlorobenzene	7.97	5.0	µg/L	10.0		79.7	70-130	11.1	25		
1,2,4-Trichlorobenzene	8.14	1.0	µg/L	10.0		81.4	70-130	6.08	25		
1,3,5-Trichlorobenzene	8.71	1.0	µg/L	10.0		87.1	70-130	0.807	25		
1,1,1-Trichloroethane	10.0	1.0	µg/L	10.0		100	70-130	0.401	25		
1,1,2-Trichloroethane	9.88	1.0	µg/L	10.0		98.8	70-130	4.55	25		
Trichloroethylene	10.0	1.0	µg/L	10.0		100	70-130	5.02	25		
Trichlorofluoromethane (Freon 11)	11.6	2.0	µg/L	10.0		116	70-130	5.84	25		
1,2,3-Trichloropropane	9.57	2.0	µg/L	10.0		95.7	70-130	1.25	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.1	1.0	µg/L	10.0		111	70-130	0.448	25		
1,2,4-Trimethylbenzene	9.14	1.0	µg/L	10.0		91.4	70-130	2.10	25		
1,3,5-Trimethylbenzene	9.56	1.0	µg/L	10.0		95.6	70-130	1.05	25		
Vinyl Chloride	14.9	2.0	µg/L	10.0		149	40-160	2.04	25	V-06	†
m+p Xylene	19.6	2.0	µg/L	20.0		97.8	70-130	0.513	25		
o-Xylene	9.93	1.0	µg/L	10.0		99.3	70-130	1.01	25		
Surrogate: 1,2-Dichloroethane-d4	*25.2*		µg/L	25.0		101	70-130				
Surrogate: Toluene-d8	*25.4*		µg/L	25.0		101	70-130				
Surrogate: 4-Bromofluorobenzene	*25.7*		µg/L	25.0		103	70-130				

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
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.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Water	
Acetone	CT,ME,NH,VA,NY
Acrylonitrile	CT,ME,NH,VA,NY
tert-Amyl Methyl Ether (TAME)	ME,NH,VA,NY
Benzene	CT,ME,NH,VA,NY
Bromobenzene	ME,NY
Bromochloromethane	ME,NH,VA,NY
Bromodichloromethane	CT,ME,NH,VA,NY
Bromoform	CT,ME,NH,VA,NY
Bromomethane	CT,ME,NH,VA,NY
2-Butanone (MEK)	CT,ME,NH,VA,NY
tert-Butyl Alcohol (TBA)	ME,NH,VA,NY
n-Butylbenzene	ME,VA,NY
sec-Butylbenzene	ME,VA,NY
tert-Butylbenzene	ME,VA,NY
tert-Butyl Ethyl Ether (TBEE)	ME,NH,VA,NY
Carbon Disulfide	CT,ME,NH,VA,NY
Carbon Tetrachloride	CT,ME,NH,VA,NY
Chlorobenzene	CT,ME,NH,VA,NY
Chlorodibromomethane	CT,ME,NH,VA,NY
Chloroethane	CT,ME,NH,VA,NY
Chloroform	CT,ME,NH,VA,NY
Chloromethane	CT,ME,NH,VA,NY
2-Chlorotoluene	ME,NH,VA,NY
4-Chlorotoluene	ME,NH,VA,NY
1,2-Dibromo-3-chloropropane (DBCP)	ME,NY
1,2-Dibromoethane (EDB)	ME,NY
Dibromomethane	ME,NH,VA,NY
1,2-Dichlorobenzene	CT,ME,NH,VA,NY
1,3-Dichlorobenzene	CT,ME,NH,VA,NY
1,4-Dichlorobenzene	CT,ME,NH,VA,NY
trans-1,4-Dichloro-2-butene	ME,NH,VA,NY
Dichlorodifluoromethane (Freon 12)	ME,NH,VA,NY
1,1-Dichloroethane	CT,ME,NH,VA,NY
1,2-Dichloroethane	CT,ME,NH,VA,NY
1,1-Dichloroethylene	CT,ME,NH,VA,NY
cis-1,2-Dichloroethylene	ME,NY
trans-1,2-Dichloroethylene	CT,ME,NH,VA,NY
1,2-Dichloropropane	CT,ME,NH,VA,NY
1,3-Dichloropropane	ME,VA,NY
2,2-Dichloropropane	ME,NH,VA,NY
1,1-Dichloropropene	ME,NH,VA,NY
cis-1,3-Dichloropropene	CT,ME,NH,VA,NY
trans-1,3-Dichloropropene	CT,ME,NH,VA,NY
Diethyl Ether	ME,NY
Diisopropyl Ether (DIPE)	ME,NH,VA,NY
1,4-Dioxane	ME,NY
Ethylbenzene	CT,ME,NH,VA,NY

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	
Hexachlorobutadiene	CT,ME,NH,VA,NY
2-Hexanone (MBK)	CT,ME,NH,VA,NY
Isopropylbenzene (Cumene)	ME,VA,NY
p-Isopropyltoluene (p-Cymene)	CT,ME,NH,VA,NY
Methyl Acetate	ME,NY
Methyl tert-Butyl Ether (MTBE)	CT,ME,NH,VA,NY
Methyl Cyclohexane	NY
Methylene Chloride	CT,ME,NH,VA,NY
4-Methyl-2-pentanone (MIBK)	CT,ME,NH,VA,NY
Naphthalene	ME,NH,VA,NY
n-Propylbenzene	CT,ME,NH,VA,NY
Styrene	CT,ME,NH,VA,NY
1,1,1,2-Tetrachloroethane	CT,ME,NH,VA,NY
1,1,2,2-Tetrachloroethane	CT,ME,NH,VA,NY
Tetrachloroethylene	CT,ME,NH,VA,NY
Toluene	CT,ME,NH,VA,NY
1,2,3-Trichlorobenzene	ME,NH,VA,NY
1,2,4-Trichlorobenzene	CT,ME,NH,VA,NY
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,ME,NH,VA,NY
1,1,2-Trichloroethane	CT,ME,NH,VA,NY
Trichloroethylene	CT,ME,NH,VA,NY
Trichlorofluoromethane (Freon 11)	CT,ME,NH,VA,NY
1,2,3-Trichloropropane	ME,NH,VA,NY
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	VA,NY
1,2,4-Trimethylbenzene	ME,VA,NY
1,3,5-Trimethylbenzene	ME,VA,NY
Vinyl Chloride	CT,ME,NH,VA,NY
m+p Xylene	CT,ME,NH,VA,NY
o-Xylene	CT,ME,NH,VA,NY

Con-Test, a Pace Environmental Laboratory, operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Department of Public Health	PH-0821	12/31/2024
NY	New York State Department of Health	10899 NELAP	04/1/2024
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2024
ME	State of Maine	MA00100	06/9/2023
VA	Commonwealth of Virginia	460217	12/14/2023

L360456 KM

RAMBOLL

Chain of Custody / Analysis Report

Sampler(s): (Signature) Sara Hahne

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: Pace Analytical Services 39 Spruce St., East Longmeadow, MA 01028
Attn: RJ McCarthy
Phone: 413-525-2332

Holding Time:

Package Requirement: Level 2 and Level 3

EDD Format: EQuIS 4-file

Laboratory Use Only
Project Number:
Job Number:
Laboratory ID:

	Sample Identification: Unique Field Sample ID (sys_sample_code)	Sample Location	Date	Time	Sample Type (See Key)	Sample Matrix (See Key)	Number of Containers	Grab [G] or Composite [C]	Field Filtered? (Y / N)	Analysis Required: VOCs by 8620C	Lab Sample ID:
	Preservatives: (see key at bottom)						1				
1	BP3A-CP-00-030623	BP-3A	3/6/2023	13:00	N	WG	2	G	N	X	
2	BP3B-CP-00-030623	BP-3B	3/6/2023	12:50	N	WG	2	G	N	X	
3	BP3C-CP-00-030623	BP-3C	3/6/2023	12:55	N	WG	2	G	N	X	
4	BP5B-CP-00-030723	BP-5B	3/7/2023	8:55	N	WG	2	G	N	X	
5	BP5C-CP-00-030723	BP-5C	3/7/2023	8:50	N	WG	2	G	N	X	
6	BP12B-CP-00-030723	BP-12B	3/7/2023	9:05	N	WG	2	G	N	X	
7	BP12C-CP-00-030723	BP-12C	3/7/2023	9:00	N	WG	2	G	N	X	
8	BP13B-CP-00-030723	BP-13B	3/7/2023	9:25	N	WG	2	G	N	X	
9	BP13C-CP-00-030723	BP-13C	3/7/2023	9:30	N	WG	2	G	N	X	
10	DW1-CP-00-030723	DW-1	3/7/2023	11:55	N	WG	2	G	N	X	
11	DW2-CP-00-030723	DW-2	3/7/2023	12:05	N	WG	2	G	N	X	
12	DW2-CP-01-030723	DW-2	3/7/2023	-----	N	FD	2	G	N	X	
13	EW1A-030723	EW-1A	3/7/2023	11:40	N	WG	2	G	N	X	
14	EW2A-030723	EW-1B	3/7/2023	11:50	N	WG	2	G	N	X	

Special Instructions:

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

Relinquished by: Sara Hahne	Date: 3/7/2023	Courier Name: FedEx	Date: 3/7/2023	Condition:	Other comments or notes regarding condition of samples as received:
Of: Ramboll	Time: 14:00	Tracking #: 791336879259	Time: 14:00		
Relinquished by:	Date:	Courier Name:	Date:	Custody Seals Intact? (If so, indicate the #, date, and time of the seal)	
Of:	Time:	Tracking #:	Time:		
Courier Name: FedEx	Date:	Received By:	Date: 3/8/23	Cooler Temperature: 3.2	
Tracking #:	Time:	Of:	Time: 959		

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 = Surface Water, WW = Waste Water, WP = Potable Water, AA = Ambient Air, Other (Specify):
Preservative Code: 0 = none, 1 = HCL, 2 = HNO_3, 3 = H_2SO_4, 4 = NaOH, 5 = Zn Acetate, 6 = MeOH, 7 = $NaHSO_4$, 8 = Na_3PO_4, 9 = BenzalkoniumCl, 10 = other

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RAMBOLL

Chain of Custody / Analysis Report

Sampler(s): Sara Hahne
(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:
Pace Analytical Services 39 Spruce St., East Longmeadow, MA 01028
Attn: RJ McCarthy
Phone: 413-525-2332

Holding Time:

Package Requirement: Level 2 and Level 3

EDD Format: EQuIS 4-file

Laboratory Use Only
Project Number:
Job Number:
Laboratory ID:

	Sample Identification: Unique Field Sample ID (sys_sample_code)	Sample Location	Date	Time	Sample Type (See Key)	Sample Matrix (See Key)	Number of Containers	Grab [G] or Composite [C]	Field Filtered? (Y / N)	Analysis Required: VOCs by 8620C (Preservatives: see key at bottom)	Lab Sample ID:
15	1 EW1C-CP-00-030723	EW-1C	3/7/2023	11:45	N	WG	2	G	N	X	
16	2 EW2A-CP-00-030623	EW-2A	3/6/2023	14:35	N	WG	2	G	N	X	
17	3 EW2B-CP-00-030623	EW-2B	3/6/2023	14:30	N	WG	2	G	N	X	
18	4 EW2C-CP-00-030623	EW-2C	3/6/2023	14:25	N	WG	2	G	N	X	
19	5 EW2D-CP-00-030623	EW-2D	3/6/2023	14:20	N	WG	2	G	N	X	
20	6 EW4A-CP-00-030723	EW-4A	3/7/2023	10:50	N	WG	2	G	N	X	
21	7 EW4B-CP-00-030723	EW-4B	3/7/2023	11:00	N	WG	2	G	N	X	
22	8 EW4C-CP-00-030723	EW-4C	3/7/2023	10:55	N	WG	2	G	N	X	
23	9 EW4D-CP-00-030723	EW-4D	3/7/2023	11:05	N	WG	2	G	N	X	
24	10 EW5-CP-00-030723	EW-5	3/7/2023	12:10	N	WG	2	G	N	X	
25	11 EW7C-CP-00-030723	EW-7C	3/7/2023	12:25	N	WG	2	G	N	X	
26	12 EW7D-CP-00-030723	EW-7D	3/7/2023	12:30	N	WG	2	G	N	X	
27	13 EW11D-CP-00-030723	EW-11D	3/7/2023	10:40	N	WG	2	G	N	X	
28	14 EW12D-CP-00-030723	EW-12D	3/7/2023	10:45	N	WG	2	G	N	X	

Special Instructions:

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

Relinquished by: Sara Hahne	Date: 3/7/2023	Courier Name: FedEx	Date: 3/7/2023	Condition:	Other comments or notes regarding condition of samples as received:
Of: Ramboll	Time: 14:00	Tracking #: 791336879259	Time: 14:00		
Relinquished by:	Date:	Courier Name:	Date:	Custody Seals Intact? *(if so, indicate the #, date, and time of the seal)*	
Of:	Time:	Tracking #:	Time:		
Courier Name: FedEx	Date:	Received By:	Date: 3/8/23	Cooler Temperature: 3.2	
Tracking #:	Time:	Of:	Time: 754		

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 = Surface Water, WW = Waste Water, WP = Potable Water, AA = Ambient Air, Other (Specify):
Preservative Code: 0 = none, 1 = HCL, 2 = HNO_3, 3 = H_2SO_4, 4 = NaOH, 5 = Zn Acetate, 6 = MeOH, 7 = $NaHSO_4$, 8 = Na_3PO_4, 9 = BenzalkoniumCl, 10 = other

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Chain of Custody / Analysis Report

Sampler(s): Sara Hahne
(Signature)

Contact:	Michael Grifasi
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Phone:	(315) 956-6100
E-mail:	michael.grifasi@ramboll.com
Project:	NYSDEC Claremont Polychemical Site Q1 Sampling
Location:	Old Bethpage, New York

Laboratory:
Pace Analytical Services 39
Spruce St., East
Longmeadow, MA 01028

Attn: RJ McCarthy
Phone: 413-525-2332

Holding Time:

Package Requirement:
Level 2 and Level 3

EDD Format:
EQuiS 4-file

Laboratory Use Only
Project Number:
Job Number:
Laboratory ID:

	Sample Identification: Unique Field Sample ID (sys_sample_code)	Sample Location	Date	Time	Sample Type (See Key)	Sample Matrix (See Key)	Number of Containers	Grab [G] or Composite [C]	Field Filtered? (Y / N)	Analysis Required: VOCs by 8520C	Lab Sample ID:
29	1 EW14D-CP-00-030723	EW-14D	3/7/2023	10:25	N	WG	2	G	N	X	
30	2 LF1-CP-00-030723	LF-1	3/7/2023	11:30	N	WG	2	G	N	X	
31	3 M30BR-CP-00-030723	M-30BR	3/7/2023	12:45	N	WG	2	G	N	X	
32	4 MW5B-CP-00-030623	MW-5B	3/6/2023	15:00	N	WG	2	G	N	X	
33	5 MW6B-CP-00-030623	MW-6B	3/6/2023	13:50	N	WG	2	G	N	X	
34	6 MW6C-CP-00-030623	MW-6C	3/6/2023	14:00	N	WG	2	G	N	X	
35	7 MW6D-CP-00-030623	MW-6D	3/6/2023	14:05	N	WG	2	G	N	X	
36	8 MW6D-CP-01-030623	MW-6D	3/6/2023	-----	FD	WG	2	G	N	X	
37	9 MW6E-CP-00-030623	MW-6E	3/6/2023	14:10	N	WG	2	G	N	X	
38	10 MW6F-CP-00-030623	MW-6F	3/6/2023	13:55	N	WG	2	G	N	X	
39	11 MW7BR-CP-00-030623	MW-7BR	3/6/2023	13:05	N	WG	2	G	N	X	
40	12 MW8A-CP-00-030623	MW-8A	3/6/2023	13:30	N	WG	2	G	N	X	
41	13 MW8B-CP-00-030623	MW-8B	3/6/2023	13:35	N	WG	2	G	N	X	
42	14 MW8C-CP-00-030623	MW-8C	3/6/2023	13:40	N	WG	2	G	N	X	

Preservatives: (see key at bottom) 1

Special Instructions:

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

Relinquished by: Sara Hahne	Date: 3/7/2023	Courier Name: FedEx	Date: 3/7/2023	Condition:
Of: Ramboll	Time: 14:00	Tracking #: 791336879259	Time: 14:00	Other comments or notes regarding condition of samples as received:
Relinquished by:	Date:	Courier Name:	Date:	Custody Seals Intact? (if so, indicate the #, date, and time of the seal)
Of:	Time:	Tracking #:	Time:	
Courier Name: FedEx	Date:	Received By: [illegible]	Date: 3/8/23	Cooler Temperature: 3.2
Tracking #:	Time:	Of:	Time: 954	

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 = Surface Water, WW = Waste Water, WP = Potable Water, AA = Ambient Air, Other (Specify):
Preservative Code: 0 = none, 1 = HCL, 2 = HNO_3, 3 = H_2SO_4, 4 = NaOH, 5 = Zn Acetate, 6 = MeOH, 7 = $NaHSO_4$, 8 = Na_3PO_4, 9 = BenzalkoniumCl, 10 = other

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RAMBOLL

Chain of Custody / Analysis Report

Page 4 of 4

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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: Pace Analytical Services 39 Spruce St., East Longmeadow, MA 01028
Attn: RJ McCarthy
Phone: 413-525-2332

Holding Time:

Package Requirement: Level 2 and Level 3

EDD Format: EQuIS 4-file

Laboratory Use Only
Project Number:
Job Number:
Laboratory ID:

	Sample Identification: Unique Field Sample ID (sys_sample_code)	Sample Location	Date	Time	Sample Type (See Key)	Sample Matrix (See Key)	Number of Containers	Grab [G] or Composite [C]	Field Filtered? (Y / N)	Analysis Required: VOCs by 8620C	Lab Sample ID:
43	1 MW9B-CP-00-030623	MW-9B	3/6/2023	12:35	N	WG	2	G	N	X	
44	2 MW9C-CP-00-030623	MW-9C	3/6/2023	12:30	N	WG	2	G	N	X	
45	3 MW10D-CP-00-030623	MW-10D	3/6/2023	13:25	N	WG	2	G	N	X	
46	4 MW11A-CP-00-030723	MW-11A	3/7/2023	10:00	N	WG	2	G	N	X	
47	5 MW11B-CP-00-030723	MW-11B	3/7/2023	9:55	N	WG	2	G	N	X	
48	6 OBS1-CP-00-030623	OBS-1	3/6/2023	15:05	N	WG	2	G	N	X	
49	7 SW1-CP-00-030723	SW-1	3/7/2023	12:00	N	WG	2	G	N	X	
50	8 WT01-CP-00-030723	WT-01	3/7/2023	11:10	N	WG	2	G	N	X	
51	9 TB-CP-QC-030723	-----	3/7/2023	-----	TB	WQ	1	G	N	X	
	10										
	11										
	12										
	13										
	14										

Preservatives: (see key at bottom) — 1

Special Instructions:

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

Relinquished by: Sara Hahne	Date: 3/7/2023	Courier Name: FedEx	Date: 3/7/2023
Of: Ramboll	Time: 14:00	Tracking #: 791336879259	Time: 14:00
Relinquished by:	Date:	Courier Name:	Date:
Of:	Time:	Tracking #:	Time:
Courier Name: FedEx	Date:	Received By:	Date: 3/8/23
Tracking #:	Time:	Of:	Time: 9:52

Condition:

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

Cooler Temperature: 3.2

Other comments or notes regarding condition of samples as received:

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 = Surface Water, WW = Waste Water, WP = Potable Water, AA = Ambient Air, Other (Specify):

Preservative Code: 0 = none, 1 = HCL, 2 = HNO_3, 3 = H_2SO_4, 4 = NaOH, 5 = Zn Acetate, 6 = MeOH, 7 = $NaHSO_4$, 8 = Na_3PO_4, 9 = BenzalkoniumCl, 10 = other

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FedEx® Tracking

DELIVERED

Wednesday

3/8/2023 at 9:59 am

Signed for by: L.ARROYO

Obtain Proof of delivery

How was your delivery?

DELIVERY STATUS

Delivered

TRACKING ID

635799772850

FROM
MELVILLE, NY US

Label Created
3/7/2023 4:42 PM

PACKAGE RECEIVED BY FEDEX
MELVILLE, NY
3/7/2023 5:49 PM

IN TRANSIT
WINDSOR LOCKS, CT
3/8/2023 7:22 AM

OUT FOR DELIVERY
WINDSOR LOCKS, CT
3/8/2023 7:31 AM

DELIVERED
EAST LONGMEADOW, MA US

Delivered
3/8/2023 at 9:59 AM

View travel history

Want updates on this shipment? Enter your email and we will do the rest!

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Manage Delivery

35 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F:413-525-6405
www.pacelabs.com

Log In Back-Sheet

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

Pace® PEOPLE ADVANCING SCIENC

Client Ramboll

Project Claremont Polychemical Site01 Sampling

MCP/RCP Required N/A

Deliverable Package Req. N/A

Location OC Bethel, New York

PWSID# (When Applicable) N/A

Arrival Method:

Courier ☐ Fed Ex ☑ Walk In ☐ Other ☐

Received By / Date / Time AIVSSh 3/8/23

Back-Sheet By / Date / Time LA 3/8/23

Temperature Method _____ # _____

Temp ☐ < 6° C Actual Temperature _____

Rush Samples: Yes / No Notify _____

Short Hold: Yes / No Notify _____

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

Notes regarding Samples/COC outside of SOP:

COC Included: (Check all included)

Client ☑ Analysis ☑ Sampler Name ☑

Project ☑ IDs ☑ Collection Date/Time ☑

All Samples Proper pH: N/A ☐ ☐

Container (Circle when applicable)	UnP	HCl	HNO3	H2SO4	NaOH	Trizma	NaS2O3	Other Preservative
1L Amber Plastic								
500 mL Amber Plastic								
250 mL Amber Plastic								
Other Amber Clear Plastic								
16oz Amber Clear								
8oz Amber Clear								
4oz Amber Clear								
2oz Amber Clear								
Col/Bacteria								
Flashpoint								
Plastic Bag								
SOC Kit								
Perchlorate								
Encore								
Frozen								

	Proper Headspace	UnP	HCl	MeOH	Bisulfate	DI	Thiosulfate	Sulfuric	Other
Vials	N/A		102						

ATTACHMENT D
FIELD DOCUMENTATION

RAMBOLL

Low Flow Groundwater Sampling Log

Well ID: MW-CPC-36
Northing:
Easting:

Site Name:	Claremont Poly	Sampling Method:	Submersible Pump	Field Personnel:	SLH, LFB
Site Location:	Old Bethpage, NY	Equipment Used:	GeoPump Bladder	Date:	3/2/2023
Project #:	1940101703	Pump/Controller ID#:	7021/7705	Weather:	41°F, Overcast

Well information:

Installed Depth of Well*:	255.7	ft. bmp.	
Measured Depth of Well*:	255.7	ft. bmp.	
Depth to Water*:	23.43	ft. bmp.	
Water Column Length (LWC):	232.27	ft.	
Well Diameter:	2.0	in.	

Well Volume Multipliers:

	1 in. = 0.041 gal/ft	Measurement Point*:	Top of Well Casing
X	2 in. = 0.163 gal/ft	If other:	
	4 in. = 0.653 gal/ft		
	6 in. = 1.469 gal/ft	Well Volume:	37.9 gallons
	8 in. = 2.611 gal/ft	Pump Intake Depth*:	251.0 ft. bmp.

Start Purge Time: 8:00

Initial: *Color* Clear *Odor* None *Sheen/Free Product* None

Select Units from Dropdown Menus

Elapsed Time *Minutes*	Depth to Water *ft bmp*	Temperature *Celsius*	pH *SU*	Specific Conductivity *mS/cm*	ORP *mV*	Dissolved Oxygen *mg/L*	Turbidity *NTU*	Flow Rate *ml/min*	Other
0:00	23.55	10.85	5.06	0.502	146.0	11.23	4.30	200	
5	23.5	11	5.10	0.505	112.0	11.04	3.70	200	
10	23.5	11.32	5.08	0.601	31.0	10.99	3.55	200	
15	23.5	11.4	5.07	0.651	-35.0	10.88	3.36	200	
20	23.5	11.5	5.04	0.660	-68.0	11.20	3.42	200	
25	23.5	11.31	5.10	0.660	-90.0	10.66	3.22	200	
30	23.5	11.45	5.09	0.659	-105.0	10.33	3.26	200	
35	23.5	11.56	5.07	0.658	-120.0	10.14	2.70	200	
40	23.5	11.52	5.05	0.658	-126.0	9.99	2.35	200	
45	23.5	11.64	5.06	0.658	-135.0	9.76	2.12	200	
50	23.5	11.67	5.12	0.667	-142.0	9.56	2.84	200	
55	23.5	11.6	5.07	0.654	-145.0	9.49	2.60	200	
60									
65									
70									
75									
80									
85									
90									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	200 ≤ X ≤ 500	

End Purge Time: 8:55 DO Titrataion: NA mg/L

Total volume of groundwater purged: 2.5 gal.

Final: *Color* Clear *Odor* Slight Unknown Chemical *Sheen/Free Product* None

Analytical Sample ID: MW-CPC-36-16-251-20230302-0 **Date:** 3/2/2023 **Time:** 9:10

Container Size	Container Type	Qty Collected	Field Filtered?	Preservative	Laboratory
500 ml	Polyethylene	**2**	No	None	Pace Analytical
250 ml	Amber Glass	**2**	No	None	Pace Analytical
60 ml	Clear VOA	**2**	No	HCl	Pace Analytical
125 ml	Polyethylene	**1**	No	None	Pace Analytical

Notes:

RAMBOLL

Low Flow Groundwater Sampling Log

Well ID: MW-CPC-37
Northing:
Easting:

Site Name:	Claremont Poly	Sampling Method:	Submersible Pump	Field Personnel:	SLH, LFB
Site Location:	Old Bethpage, NY	Equipment Used:	GeoPump Bladder	Date:	3/2/2023
Project #:	1940101703	p/Controller/Intake ID#:	7021/7705	Weather:	44°F, Overcast

Well information:

Installed Depth of Well*:	450	ft. bmp.	
Measured Depth of Well*:	450	ft. bmp.	
Depth to Water*:	27.27	ft. bmp.	
Water Column Length (LWC):	422.73	ft.	
Well Diameter:	2.0	in.	

Well Volume Multipliers:

	1 in. = 0.041 gal/ft	Measurement Point*:	Top of Well Casing
X	2 in. = 0.163 gal/ft	If other:	
	4 in. = 0.653 gal/ft		
	6 in. = 1.469 gal/ft	Well Volume:	68.9 gallons
	8 in. = 2.611 gal/ft	Pump Intake Depth*:	445.0 ft. bmp.

Start Purge Time: 10:20

Initial: *Color* Clear *Odor* None *Sheen/Free Product* None

Select Units from Dropdown Menus

Elapsed Time *Minutes*	Depth to Water *ft bmp*	Temperature *Celsius*	pH *SU*	Specific Conductivity *mS/cm*	ORP *mV*	Dissolved Oxygen *mg/L*	Turbidity *NTU*	Flow Rate *ml/min*	Other
0:00	27.28	11.77	5.25	0.280	-22.0	9.80	5.62	150	
5	27.28	12.11	5.29	0.272	-3.0	9.60	5.74	150	
10	27.28	12.48	5.33	0.270	24.0	9.45	4.52	150	
15	27.28	12.5	5.31	0.272	32.0	9.36	4.66	150	
20	27.28	12.5	5.30	0.279	34.0	9.21	3.74	150	
25	27.28	12.55	5.30	0.283	32.0	9.00	2.58	150	
30	27.28	12.55	5.32	0.283	35.0	8.85	3.89	150	
35	27.28	12.55	5.31	0.283	37.0	8.74	2.79	150	
40									
45									
50									
55									
60									
65									
70									
75									
80									
85									
90									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	200 ≤ X ≤ 500	

End Purge Time: 10:55 DO Titrataion: NA mg/L

Total volume of groundwater purged: 1.5 gal.

Final: *Color* Clear *Odor* Other *Sheen/Free Product* None

Analytical Sample ID: MW-CPC-37-16-445-20230302-0 **Date:** 3/2/2023 **Time:** 11:10

Container Size	Container Type	Qty Collected	Field Filtered?	Preservative	Laboratory
500 ml	Polyethylene	**2**	No	None	Pace Analytical
250 ml	Amber Glass	**2**	No	None	Pace Analytical
60 ml	Clear VOA	**2**	No	HCl	Pace Analytical
125 ml	Polyethylene	**1**	No	None	Pace Analytical

Notes:

RAMBOLL

Low Flow Groundwater Sampling Log

Well ID: MW-CPC-38
Northing:
Easting:

Site Name:	Claremont Poly	Sampling Method:	Submersible Pump	Field Personnel:	SLH, LFB
Site Location:	Old Bethpage, NY	Equipment Used:	GeoPump Bladder	Date:	3/1/2023
Project #:	1940101703	Pump/Controller ID#:	7021/7705	Weather:	43°F, Overcast

Well information:

Installed Depth of Well*:	395	ft. bmp.	
Measured Depth of Well*:	395	ft. bmp.	
Depth to Water*:	28.38	ft. bmp.	
Water Column Length (LWC):	366.62	ft.	
Well Diameter:	2.0	in.	

Well Volume Multipliers:

	1 in. = 0.041 gal/ft	Measurement Point*:	Top of Well Casing
X	2 in. = 0.163 gal/ft	If other:	
	4 in. = 0.653 gal/ft		
	6 in. = 1.469 gal/ft	Well Volume:	59.8 gallons
	8 in. = 2.611 gal/ft	Pump Intake Depth*:	391.0 ft. bmp.

Start Purge Time: 14:45

Initial: *Color* Clear *Odor* Sulfur-like *Sheen/Free Product* None

Select Units from Dropdown Menus

Elapsed Time *Minutes*	Depth to Water *ft bmp*	Temperature *Celsius*	pH *SU*	Specific Conductivity *mS/cm*	ORP *mV*	Dissolved Oxygen *mg/L*	Turbidity *NTU*	Flow Rate *ml/min*	Other
0:00	28.41	11.09	7.65	0.098	61.0	11.54	5.83	150	
5	28.41	11.51	7.87	0.105	24.0	11.48	6.21	150	
10	28.4	11.73	9.16	0.120	-31.0	10.88	6.56	150	
15	28.4	11.72	9.59	0.125	-73.0	10.30	6.74	150	
20	28.4	11.69	9.74	0.127	-88.0	9.84	5.89	150	
25	28.4	11.64	9.80	0.129	-95.0	9.40	5.77	150	
30	28.4	11.68	9.85	0.130	-100.0	8.87	5.53	150	
35	28.4	11.67	9.88	0.130	-102.0	8.61	6.21	150	
40	28.4	11.59	9.89	0.130	-102.0	8.30	6.03	150	
45									
50									
55									
60									
65									
70									
75									
80									
85									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	200 ≤ X ≤ 500	

End Purge Time: 15:25 DO Titrataion: NA mg/L

Total volume of groundwater purged: 1.5 gal.

Final: *Color* Clear *Odor* None *Sheen/Free Product* None

Analytical Sample ID: MW-CPC-38-16-391-20230301-0 **Date:** 3/1/2023 **Time:** 15:40

Container Size	Container Type	Qty Collected	Field Filtered?	Preservative	Laboratory
500 ml	Polyethylene	**2**	No	None	Pace Analytical
250 ml	Amber Glass	**2**	No	None	Pace Analytical
60 ml	Clear VOA	**2**	No	HCl	Pace Analytical
125 ml	Polyethylene	**1**	No	None	Pace Analytical

Notes:

Low Flow Groundwater Sampling Log

Well ID: MW-CPC-39
Northing:
Easting:

Site Name:	Claremont Poly	Sampling Method:	Submersible Pump	Field Personnel:	SLH, LFB
Site Location:	Old Bethpage, NY	Equipment Used:	GeoPump Bladder	Date:	2/28/2023
Project #:	1940101703	Pump/Controller ID#:	7021/7705	Weather:	35°F, Sleet

Well information:

Installed Depth of Well*:	390	ft. bmp.
Measured Depth of Well*:	390	ft. bmp.
Depth to Water*:	25.58	ft. bmp.
Water Column Length (LWC):	364.42	ft.
Well Diameter:	2.0	in.

Well Volume Multipliers:

	1 in. = 0.041 gal/ft
X	2 in. = 0.163 gal/ft
	4 in. = 0.653 gal/ft
	6 in. = 1.469 gal/ft
	8 in. = 2.611 gal/ft

Measurement Point*: Top of Well Casing
If other:
Well Volume: 59.4 gallons
Pump Intake Depth*: 374.0 ft. bmp.

Start Purge Time: 8:25
Initial: *Color* Clear *Odor* None *Sheen/Free Product* None

Select Units from Dropdown Menus

Elapsed Time *Minutes*	Depth to Water *ft bmp*	Temperature *Celsius*	pH *SU*	Specific Conductivity *mS/cm*	ORP *mV*	Dissolved Oxygen *mg/L*	Turbidity *NTU*	Flow Rate *ml/min*	Other
0:00	25.65	10.61	7.36	0.047	77.0	4.29	15.62	400	
5	25.6	11.9	6.24	0.031	14.0	1.47	12.33	400	
10	25.59	11.8	6.04	0.030	17.0	1.46	14.85	400	
15	25.6	12	5.96	0.029	19.0	1.22	14.25	400	
20	25.6	11.8	5.76	0.028	25.0	1.04	13.61	400	
25	25.6	12	5.66	0.028	33.0	0.99	12.23	400	
30	25.6	12	5.65	0.027	30.0	0.93	10.55	400	
35	25.6	11.9	5.70	0.028	28.0	0.90	8.96	400	
40	25.6	12	5.67	0.028	30.0	0.87	7.23	400	
45									
50									
55									
60									
65									
70									
75									
80									
85									
90									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	200 ≤ X ≤ 500	

End Purge Time: 9:05
DO Titrataion: NA mg/L
Total volume of groundwater purged: 3.5 gal.

Final: *Color* Clear *Odor* Sulfur-like *Sheen/Free Product* None

Analytical Sample ID: MW-CPC-39-16-374-20230228-0 **Date:** 2/28/2023 **Time:** 9:25

Container Size	Container Type	Qty Collected	Field Filtered?	Preservative	Laboratory
500 ml	Polyethylene	**4**	No	None	Pace Analytical
1 liter	Amber Glass	**4**	No	None	Pace Analytical
60 ml	Clear VOA	**4**	No	HCl	Pace Analytical
125 ml	Polyethylene	**2**	No	None	Pace Analytical

Notes: **Field Duplicate collected**

RAMBOLL **Low Flow Groundwater Sampling Log**

Well ID: MW-CPC-40
Northing:
Easting:

Site Name:	Claremont Poly	Sampling Method:	Submersible Pump	Field Personnel:	SLH, LFB
Site Location:	Old Bethpage, NY	Equipment Used:	GeoPump Bladder	Date:	2/28/2023
Project #:	1940101703	Pump/Controller ID#:	7021/7705	Weather:	36°F, Rain

Well information:

Installed Depth of Well*:	317	ft. bmp.	
Measured Depth of Well*:	317	ft. bmp.	
Depth to Water*:	58.36	ft. bmp.	
Water Column Length (LWC):	258.64	ft.	
Well Diameter:	2.0	in.	

Well Volume Multipliers:

	1 in. = 0.041 gal/ft	Measurement Point*:	Top of Well Casing
X	2 in. = 0.163 gal/ft	If other:	
	4 in. = 0.653 gal/ft		
	6 in. = 1.469 gal/ft	Well Volume:	42.2 gallons
	8 in. = 2.611 gal/ft	Pump Intake Depth*:	312.0 ft. bmp.

Start Purge Time: 10:45

Initial: *Color* Clear *Odor* None *Sheen/Free Product* None

Select Units from Dropdown Menus

Elapsed Time *Minutes*	Depth to Water *ft bmp*	Temperature *Celsius*	pH *SU*	Specific Conductivity *mS/cm*	ORP *mV*	Dissolved Oxygen *mg/L*	Turbidity *NTU*	Flow Rate *ml/min*	Other
0:00	58.36	9.07	6.16	0.123	73.0	4.95	1.62	200	
5	58.34	10.44	6.01	0.126	48.0	2.77	1.23	200	
10	58.34	10.95	5.95	0.126	18.0	1.61	0.89	200	
15	58.34	11.18	5.95	0.126	-1.0	1.39	0.97	200	
20	58.34	11.11	5.87	0.125	-9.0	1.24	1.11	200	
25	58.34	11.14	5.63	0.125	11.0	1.24	1.02	200	
30	58.34	10.96	5.38	0.129	52.0	2.67	0.34	200	
35	58.34	10.98	5.33	0.129	68.0	2.40	0.62	200	
40	58.34	11.02	5.29	0.130	82.0	2.76	0.54	200	
45	58.34	11	5.25	0.131	95.0	2.94	0.33	200	
50	58.34	10.94	5.24	0.130	101.0	3.06	0.25	200	
55									
60									
65									
70									
75									
80									
85									
90									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	200 ≤ X ≤ 500	

End Purge Time: 11:35 DO Titrataion: NA mg/L

Total volume of groundwater purged: 2 gal.

Final: *Color* Clear *Odor* None *Sheen/Free Product* None

Analytical Sample ID: MW-CPC-40-16-312-20230228-0 **Date:** 2/28/2023 **Time:** 12:00

Container Size	Container Type	Qty Collected	Field Filtered?	Preservative	Laboratory
500 ml	Polyethylene	**2**	No	None	Pace Analytical
250 ml	Amber Glass	**2**	No	None	Pace Analytical
60 ml	Clear VOA	**2**	No	HCl	Pace Analytical
125 ml	Polyethylene	**1**	No	None	Pace Analytical

Notes:

RAMBOLL

Low Flow Groundwater Sampling Log

Well ID: MW-CPC-41
Northing:
Easting:

Site Name:	Claremont Poly	Sampling Method:	Submersible Pump	Field Personnel:	SLH, LFB
Site Location:	Old Bethpage, NY	Equipment Used:	GeoPump Bladder	Date:	2/28/2023
Project #:	1940101703	Pump/Controller ID#:	7021/7705	Weather:	38°F, Rain

Well information:

Installed Depth of Well*:	263	ft. bmp.	
Measured Depth of Well*:	263	ft. bmp.	
Depth to Water*:	21.25	ft. bmp.	
Water Column Length (LWC):	241.75	ft.	
Well Diameter:	2.0	in.	

Well Volume Multipliers:

	1 in. = 0.041 gal/ft	Measurement Point*:	Top of Well Casing
X	2 in. = 0.163 gal/ft	If other:	
	4 in. = 0.653 gal/ft		
	6 in. = 1.469 gal/ft	Well Volume:	39.4 gallons
	8 in. = 2.611 gal/ft	Pump Intake Depth*:	258.0 ft. bmp.

Start Purge Time: 13:15

Initial: *Color* Clear *Odor* Sulfur-like *Sheen/Free Product* None

Select Units from Dropdown Menus

Elapsed Time *Minutes*	Depth to Water *ft bmp*	Temperature *Celsius*	pH *SU*	Specific Conductivity *mS/cm*	ORP *mV*	Dissolved Oxygen *mg/L*	Turbidity *NTU*	Flow Rate *ml/min*	Other
0:00	21.3	10.9	5.88	0.149	30.0	5.59	2.31	200	
5	21.3	12.49	5.60	0.151	50.0	2.50	3.56	200	
10	21.3	12.78	5.14	0.163	98.0	1.26	2.94	200	
15	21.35	12.81	4.80	0.180	135.0	0.85	2.56	200	
20	21.35	12.74	4.69	0.19	149.0	0.75	2.64	200	
25	21.4	12.8	4.61	0.20	159.0	0.67	2.23	200	
30	21.45	12.79	4.57	0.21	168.0	0.65	2.26	200	
35	21.45	12.76	4.52	0.22	172.0	0.60	2.31	200	
40	21.45	12.75	4.48	0.22	181.0	0.57	2.20	200	
45	21.45	12.74	4.44	0.23	186.0	0.61	2.03	200	
	21.45	12.74	4.43	0.24	192.0	0.62	1.99	200	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	200 ≤ X ≤ 500	

End Purge Time: 14:05 DO Titrataion: NA mg/L

Total volume of groundwater purged: 3 gal.

Final: *Color* Clear *Odor* None *Sheen/Free Product* None

Analytical Sample ID: MW-CPC-41-16-258-20230228-0 **Date:** 2/28/2023 **Time:** 14:20

Container Size	Container Type	Qty Collected	Field Filtered?	Preservative	Laboratory
500 ml	Polyethylene	**2**	No	None	Pace Analytical
250 ml	Amber Glass	**2**	No	None	Pace Analytical
60 ml	Clear VOA	**2**	No	HCl	Pace Analytical
125 ml	Polyethylene	**1**	No	None	Pace Analytical

Notes:

RAMBOLL

ENVIRONMENT
& HEALTH

PFAS Pre-Sampling Checklist

Site Name: Claremont Polychemical

Task: Quarterly Low-Flow Sampling

Weather (temp/precip): 32-38°F, Sleet/Rain

Date: 2/28/2023

Pre-Mobilization:

- [x] 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®
- [x] Clothing has not been most recently washed with fabric softeners or other treatments
- [x] Clothing has not been permanently chemically treated for insect resistance or UV protection
- [x] Clothing has not been treated with materials or formulations potentially containing PTFE or other PFAS products listed named in this checklist
- [x] Any personal care products, if used, have been applied outside sampling zone, hands have been washed, and new nitrile gloves are being used
- [x] 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)
- [x] Sampling equipment is free of PTFE and other potentially PFAS-containing components listed in this checklist
- [x] Sampling equipment is made from stainless steel, HDPE, acetate, silicon, HDPE, or nylon
- [x] Waterproof field books, waterproof paper, and Post-It Notes® are not used
- [x] Markers (e.g., Sharpies®) are used only in the staging area or are not used

Sample Containers:

- [x] Water ice is in use only, not chemical (blue) ice packs
- [x] Sample containers have been received and are made of HDPE or polypropylene
- [x] Bottleware for non-drinking water samples do not contain preservative
- [x] Caps are unlined and made of HDPE or polypropylene

Wet Weather (as applicable):

- [x] Wet weather gear made of polyurethane and PVC only, or is being worn under white Tyvek® covering

Equipment Decontamination (as applicable):

- [x] 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).
- [x] Alconox®, Liquinox®, or Citranox® are being used as decontamination cleaning agents; Decon 90® is not being used

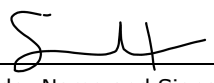
Food Considerations:

- [x] Any pre-wrapped food or snacks, carry-out food, fast food, or other food items will remain in the staging area
- [x] 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:

- [x] 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.

Sara Hahne 

Field Team Leader Name and Signature

07:00

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®.

RAMBOLL

ENVIRONMENT
& HEALTH

PFAS Pre-Sampling Checklist

Site Name: Claremont Polychemical

Task: Quarterly Low-Flow Sampling

Weather (temp/precip): 32-38°F, Sleet/Rain

Date: 2/28/2023

Pre-Mobilization:

- [x] 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®
- [x] Clothing has not been most recently washed with fabric softeners or other treatments
- [x] Clothing has not been permanently chemically treated for insect resistance or UV protection
- [x] Clothing has not been treated with materials or formulations potentially containing PTFE or other PFAS products listed named in this checklist
- [x] Any personal care products, if used, have been applied outside sampling zone, hands have been washed, and new nitrile gloves are being used
- [x] 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)
- [x] Sampling equipment is free of PTFE and other potentially PFAS-containing components listed in this checklist
- [x] Sampling equipment is made from stainless steel, HDPE, acetate, silicon, HDPE, or nylon
- [x] Waterproof field books, waterproof paper, and Post-It Notes® are not used
- [x] Markers (e.g., Sharpies®) are used only in the staging area or are not used

Sample Containers:

- [x] Water ice is in use only, not chemical (blue) ice packs
- [x] Sample containers have been received and are made of HDPE or polypropylene
- [x] Bottleware for non-drinking water samples do not contain preservative
- [x] Caps are unlined and made of HDPE or polypropylene

Wet Weather (as applicable):

- [x] Wet weather gear made of polyurethane and PVC only, or is being worn under white Tyvek® covering

Equipment Decontamination (as applicable):

- [x] 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).
- [x] Alconox®, Liquinox®, or Citranox® are being used as decontamination cleaning agents; Decon 90® is not being used

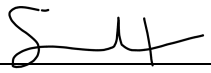
Food Considerations:

- [x] Any pre-wrapped food or snacks, carry-out food, fast food, or other food items will remain in the staging area
- [x] 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:

- [x] 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.

Sara Hahne 

Field Team Leader Name and Signature

07:00

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®.

RAMBOLL

ENVIRONMENT
& HEALTH

PFAS Pre-Sampling Checklist

Site Name: Claremont Polychemical

Task: Quarterly Low-Flow Sampling

Weather (temp/precip): 32-38°F, Sleet/Rain

Date: 2/28/2023

Pre-Mobilization:

- [x] 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®
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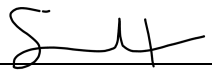
Sara Hahne 

Field Team Leader Name and Signature

07:00

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  - 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®
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