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2024 THIRD QUARTER GROUNDWATER MONITORING REPORT CLAREMONT POLYCHEMICAL CORPORATION SITE

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2024 THIRD 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 third quarter of 2024 (July through September) and supporting information on the history, groundwater extraction and treatment (GWE&T) system configuration and hydrogeologic conditions at the Claremont Polychemical Corporation Site (NYSDEC Site #130015); hereinafter referred to as "CPC" or the "Site" (**Figure 1**). To accommodate NYSDEC contracting issues associated with their laboratory callout, second quarter 2024 (April through June) groundwater sampling was not conducted and, as a result, a quarterly groundwater monitoring report for that period was not prepared.

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

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

2. SITE BACKGROUND

2.1 Site History

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

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

In 1979, the Nassau County Department of Health (NCDH) found 2,000 to 3,000 drums of inks, resins, and organic solvents throughout the Site during a series of inspections. Inspectors identified releases associated with damaged or mishandled drums in several areas including one larger release located east of the Process Building (referred to as the"spill area"). CPC sorted and removed the drums in 1980 (USEPA 2014). In October 1980, the New York State Department of Environmental Conservation (NYSDEC) ordered CPC to commence clean-up activities at the Site. CPC did not perform the clean-up activities required by NYSDEC and CPC ceased operations at the Site in 1980 (USEPA 2014). USEPA proposed the Site for listing on the National Priorities List (NPL) in October 1984 (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- Dichloroethane (DCE), trichloroethene (TCE), 1,1,1-trichloroethane (TCA), ethylbenzene, 1,2-dichloroethane (DCA), methylene chloride, and vinyl chloride were detected in groundwater at concentrations exceeding federal and state standards. USEPA issued two Records of Decision (RODs) signed in September 1989 and September 1990 and two Explanations of Significant Differences (ESDs) signed in September 2000 and April 2003 since completion of the RI/FS. The operable units (OUs) addressed by the RODs and ESDs are described in Table 1.

Table 1 – CPC Operable Units

Operable Unit	Description	Remedy
OU-1	Treatment and removal of wastes in 14 underground storage tanks	14 USTs and contents removed. Achieved cleanup levels allowing for unlimited use and unrestricted exposure.
OU-2	Wastes stabilized during the Sept. 1988 removal action	Testing, consolidation, treatment, and 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 plant effluent samples, and performed quarterly groundwater sampling at 41 wells from 2000 to May 2011. In May 2011, the project was transferred from the USACE/USEPA to the NYSDEC. NYSDEC then contracted the same scope of work as SAIC to HRP Associates, Inc. (HRP) from May 2011 to

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

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

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

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

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

All groundwater samples were analyzed for Target Compound List (TCL) VOCs by USEPA method 8260; 1,4-dioxane by USEPA Method 8270 SIM; Perfluorooctanesulfonic acid (PFOS), Perfluorooctanoic acid (PFOA), and 39 other perfluorinated compounds by USEPA Method 1633. Groundwater samples collected during the RI contained elevated concentrations of VOCs and the emerging contaminants PFOS, PFOA, and 1,4-dioxane. Refer to the Final Remedial Investigation Report Claremont Polychemical RI/FS Offsite Groundwater Plume (March 2019) for additional details. The six monitoring wells associated with the RI were added to the Claremont OU5 well program in March 2020.

2.2 Location

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

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

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

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

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

2.3 Site Hydrogeological Setting

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

The "Claremont Polychemical Superfund Site Long-Term Groundwater Monitoring Old Bethpage, New York" report dated December 2001 prepared by SAIC indicated historical gradients ranging from 0.001-0.002 feet/foot and horizontal flow velocities of 0.43 feet/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

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

3. GROUNDWATER EXTRACTION AND TREATMENT SYSTEM

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

3.1 Groundwater Extraction and Treatment System Description

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

3.1.1 GWE&T System Extraction Wells

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

Table 2 – Extraction Well Construction Details

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

*RW-1 and RW-2 captured the OBL plume which has been remediated. 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

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. The RW-5 pressure switch was replaced on January 5, 2023, and the well was successfully restarted on automatic run mode. RW-5 experienced an electrical short across the motor windings on January 26, 2023, and was confirmed inoperable. The motor short circuiting was confirmed on March 13, 2023 during pump extraction and inspection activities. The RW-5 motor and wiring was replaced on May 1, 2023 and has been operating normally to date.

On August 17th, 2022, RW-4 shut down and was unable to be restarted. On May 2, 2023, following full replacement of pump, pump motor and down well wiring, RW-4 was returned to operation. Between August 11 and 14, 2023, RW-4 experienced electrical malfunctions and was shut down. RW-4 was returned to operation on November 20, 2023.

On March 3, 2024, the pump motor of RW-3 failed and remained offline through the end of the first quarter of 2024.

Refer to the Monthly O&M reports for July through September 2024 for details on the status of GWE&T system upgrades, issues encountered, and impacts on system operations and performance. Average daily system flow rates during the third quarter of 2024 were 454 gpm in July, 372 gpm in August, and 540 gpm in September.

RW-4 was placed offline on May 21, 2024 due to random electrical shutdowns. The pump was restarted on June 14, 2024; however, it shut down on June 19, 2024 due to possible motor starter issues. RW-4 is operational but remained offline during this period to accommodate Granular Activated Carbon (GAC) treatment system operational limitations (pressure and optimal

flow rate). RW-4 was restarted on September 17, 2024, following the completion of GAC treatment system pilot study.

RW-5 was placed online on May 21, 2024, with the pump experiencing motor controls electrical shut down on May 28, 2024. A used motor starter and relay overload were taken from RW-1 controls and installed at RW-5 on June 18, 2024. Subsequently, RW-5 was restarted and has remained operational throughout the remainder of the period. RW-5 was temporarily turned off on July 24, 2024 due to loss of the PF-2 transfer pump, which caused insufficient transfer flow rates. RW-5 was fully restarted on September 17, 2024, following the completion of GAC treatment system pilot study.

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 phase (air) and exit the stripper through an exhaust stack. Non-volatile organic compounds and inorganic contaminants, if any, are not removed by the treatment system.

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

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

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

3.1.3 GWE&T System Operating Permits

Water Permit

The OU-5 GWE&T operates under a State Pollutant Discharge Elimination System(SPDES) permit equivalency dated October 24, 2012 which was valid until May 11, 2016. A permit equivalency renewal application was submitted to the NYSDEC Bureau of Water Permits on March 30, 2016

and is pending approval. Effluent Limitations and Monitoring Requirements outlined in the permit are enforced by the NYSDEC Division of Environmental Remediation, Remedial Bureau E.

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

3.2 Groundwater Extraction and Treatment System Performance Evaluation

3.2.1 Flow Rate

Since startup, the OU-4 GWE&T system treated more than approximately 2.97 billion gallons of groundwater associated with the CPC site until operation was suspended and transitioned to the OU-5 plant. The OU-5 GWE&T system historically operated at a rate ofapproximately one million gpd. Daily flow readings are provided in the O&M reports submitted monthly to NYSDEC (refer to the September 2024 O&M report for the most recent data). A summary of the flow in each recovery well is included in the table below.

Table 3 – Recovery Well Monthly Flow Summary for this Quarter

Location	July Total Flow (gallons)	August Total Flow (gallons)	September Total Flow (gallons)
RW-1*	750	0	0
RW-2*	1,045	1,045	1,045
RW-3	11,897,000	12,566,000	10,522,000
RW-4	0	28,000	5,529,000
RW-5	7,949,000	4,887,000	5,207,000
Total Influent	20,261,000	17,657,000	21,744,000
Total Effluent	19,484,000	16,986,000	21,187,000

*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 2024, the system processed approximately 57,658,000 million gallons with the following average daily flow rates:

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

Month (2024)	Average Daily Flow (gallons per day)
July	653,581
August	535,061
September	777,643
Quarterly Average	633,318

3.2.2 Groundwater Extraction and Treatment System ContaminantRemoval

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 674.18 kilograms (1,486.30 pounds) of TCE, 86.10 kilograms (189.83 pounds)of PCE, and 13.28 kilograms (29.27 pounds) of 1,1-DCE have been removed by the OU-5 system (as of the 2024 third quarter process sampling event which was performed in September 2024).

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 2024 (kg)

Year	Quarter	OU-4 GWE&T	OU-5 GWE&T
Pre 2019	-	947*	215.35
2019	Q1	Offline	38.75
	Q2	Offline	32.54
	Q3	Offline	36.95
	Q4	Offline	49.64
2020	Q1	Offline	8.35
	Q2	Offline	30.72
	Q3	Offline	37.09
	Q4	Offline	36.25
2021	Q1	Offline	34.11
	Q2	Offline	35.51
	Q3	Offline	25.43
	Q4	Offline	30.21
2022	Q1	Offline	27.29
	Q2	Offline	36.39
	Q3	Offline	3.71

Year	Quarter	OU-4 GWE&T	OU-5 GWE&T
	Q4	Offline	4.04
2023	Q1	Offline	5.75
	Q2	Offline	6.94
	Q3	Offline	12.58
	Q4	Offline	13.30
2024	Q1	Offline	28.54
	Q2	Offline	10.93
	Q3	Offline	12.78
	Cumulative Total	947*	773.15

*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 third quarter of 2024. In addition, the effluent concentrations of detected parameters, were under permissible levels: barium (57 µg/L), manganese (14 µg/L), total nitrogen (8.4 mg/L), and total dissolved solids (290 mg/L) during the third quarter of 2024 when sampled in September. The addition of emerging contaminant sampling to system monitoring is detailed in the following section. All other constituents monitored for discharge requirements met their respective discharge limitations, as indicated in the monthly O&M reports relevant to this quarter, or do not have a corresponding discharge limitation.

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

Table 6 – Average Monthly Discharge pH

	July	August	September
Average Effluent pH (su)	7.21	7.11	7.21

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 PFAS and 1,4-dioxane were added to monthly sampling for both influent and effluent for the foreseeable future.

Samples were collected from sample ports at the plant's influent and effluent conveyance, after flushing the port and valve with several gallons of water, directly into the laboratory supplied glassware. Samples were analyzed by Pace Analytical, of East Longmeadow, MA, an NYSDOH-ELAP approved laboratory. 1,4-Dioxane samples were analyzed utilizing USEPA Method 8270 SIM. PFAS samples were analyzed utilizing USEPA Method 1633, in accordance with the *NYSDEC Sampling, Analysis, and Assessment of Per- and Polyfluoralkyl Substances (PFAS) Under NYSDEC's Part 375 Remediation Programs* (April 2023).

Detected concentrations for compounds that exceeded their respective evaluation criteria or standards for the first quarter of 2024 are shown in the summary table below. **Figure 7** depicts 1,4-dioxane results exceeding comparison criteria. **Figure 8** depicts the PFOS and PFOA results exceeding comparison criteria.

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

Table 7– 3Q2024 Process Water EC Exceedances

EC Exceedances		1,4-D	PFOS	PFOA
Criteria:		0.35[(a)]	2.7[(a)]	6.7[(a)]
Reporting Unit:		(µg/L)	(ng/L)	
Influent	**July 2024**	**18**	**19**	**43**
	August 2024	**19**	**20**	**46**
	September 2024	**27**	**18**	**50**
Effluent (PD-009)	**July 2024**	**19**	ND	ND
	August 2024	**25**	ND	ND
	September 2024	**26**	ND	ND

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

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

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

4. GROUNDWATER MONITORING PROGRAM

A network of 55 monitoring wells is used to monitor groundwater quality and 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 66 wells collected by Ramboll are combined with data provided by Nassau County. Measurements collected by Ramboll are provided in **Attachment A** and groundwater contours are provided in **Figures 3, 4,** and **5**. The synoptic groundwater level measurement for this quarter was performed on July 30. It should be noted that wells BP-4C, BP-4I, BP-6A, and BP-7C, BP-11, EW-6A, EW-6C, MW-6A, ORW-1, ORW-2, ORW-7, RB-1, and UM-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 63.06 feet (vertical datum NAVD88) as measured by Ramboll. Depths to groundwater (DTW) in July 2024 ranged from 17.50 feet (well MW-CPC-41) to 99.10 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.

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 July 31 and August 7, 2024. Ramboll and GES sampled 47 of the 49 CPC monitoring network wells. No sample was collected at MW-6A due to insufficient water. The PDB installed within BP-3B was drained upon retrieval and, as a result, a sample was unable to be collected.

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 59 samples (including three field duplicates, two trip blanks, and one equipment blank) were collected and submitted to Pace Analytical, of East Longmeadow, MA, an NYSDOH-ELAP approved laboratory. With exception to the equipment blank, each sample was analyzed for VOCs via USEPA Method 8260. Of the aforementioned samples, 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 2024 groundwater sampling event VOC exceedances are summarized in **Table 8** and are plotted in trend charts provided as **Figures 9** through **31**; treatment system effluent and influent water sampling results are shown in trend charts on **Figures 9** and **31**, respectively. The six downgradient MW-CPC monitoring well VOC exceedances are summarized on **Figure 32**. Water classification GA standards and guidance values obtained from Table 1 of NYSDEC's *Division of Water Technical, and Operational Guidance Series (TOGS) (1.1.1) Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations* dated June 1998 and subsequent addenda were used to evaluate VOC results. TOGS 1.1.1 incorporates 6 NYCRR Part 703.5 Class GA groundwater criteria and supplements with additional guidance values.

In addition to the results below, acetone was detected in 33 field samples (including the field duplicates) collected from PDBs. Detected concentrations of acetone exceeded the NYSDEC TOGS 1.1.1. guidance value of 50 µg/L in 33 groundwater samples (BP-5C, BP-12C, BP-13B, BP-13C, DW-1, DW-2 [primary and duplicate sample], EW-1A, EW-1B, EW-2A, EW-2C, EW-2D, EW-4A, EW-4B, EW-4C, EW-4D, EW-7C, EW-7D, EW-11D, EW-14D, LF-1, MW-5B, MW-6B, MW-6F, MW-7B-R, MW-8A, MW-8B, MW-9B, MW-9C, MW-10D, MW-11A, WT-01 and SW-1). Acetone was not detected in downgradient MW-CPC monitoring wells.

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

	PCE	TCE	cis-1,2-DCE	VC	1,2-DCA	1,1-DCA	Benzene
Criteria:	5	5	5	2	0.6	5	1
BP-3C	**10**	< 1 U	3.2	< 2 U	< 1 U	< 1 U	< 1 U
DW-1	**12**	< 1 U	**6.2**	< 2 U	< 1 U	< 1 U	< 1 U
EW-11D	**55**	**150**	4.5	< 2 U	< 1 U	3.3	< 1 U
EW-12D	**17 D**	**390 D**	**7.3 D**	< 10 U	< 5 U	< 5 U	< 5 U

	PCE	TCE	cis-1,2-DCE	VC	1,2-DCA	1,1-DCA	Benzene
EW-14D	1.8	**12**	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U
EW-1A	**5.6**	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U
EW-4A	**20**	2.0	**25**	< 2 U	< 1 U	< 1 U	< 1 U
EW-4C	2.2	**17**	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U
EW-5	**6.2**	1.1	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U
EW-7C	**16**	**230 D**	2.7	< 2 U	< 1 U	< 1 U	< 1 U
LF-1	**9.7**	1.3	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U
MW-10D	**11**	**160**	**7.1**	< 2 U	< 1 U	1.6	< 1 U
MW-11A	**5.2**	**6.2**	**54**	< 2 U	< 1 U	**6.3**	< 1 U
MW-11B	**5.1**	**6.1**	**37**	**2.3**	**1.3**	**17**	**1.4**
MW-7B-R	1.4	**31**	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U
MW-CPC-41	**7.1**	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U
SW-1	**180**	**9.4**	**8.3**	< 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-dichloroethane, 1,1-DCA – 1,1-dichloroethane; 1,4-DCB – 1,4-dichlorobenzene.

4.3.2 Groundwater Emerging Contaminant Results

In the third quarter 2024, the six downgradient MW-CPC series monitoring wells (**Figure 2**) were analyzed for the emerging contaminants 1,4-dioxane and the PFAS group of contaminants.

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

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

Table 9 – Monitoring Well Emerging Contaminant Exceedances

	1,4-D	PFOS	PFOA
Criteria:	0.35 (a)	2.7 (a)	6.7 (a)
Reporting Unit:	(µg/L)	(ng/L)	
MW-CPC-36	**6.1**	**160**	**130**
MW-CPC-37	**19**	**27**	**63**
MW-CPC-38	**0.79**	<0.94	<0.94
MW-CPC-40	**2.3**	<0.94	<0.94
MW-CPC-41	**2.3**	**25**	**29**

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

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

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

4.3.3 Evaluation of Plumes

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

OU-4 on-site plume. This plume originates on the CPC site with the highest PCE concentrations historically measured at well SW-1, a water table well. Currently, the on-site plume is predominantly PCE with concentrations an order of magnitude greater than those of TCE. In 2015, PCE showed an increasing trend in well SW-1, with spikes in the second quarter (210 µg/L) and in the fourth (190 µg/L) of that year. However, in 2016 the PCE concentration steadily decreased from 150 µg/L during the first quarter down to 30 µg/L in the fourth. SW-1 was not sampled between the fourth quarter of 2016 and the second quarter of 2019, due to it becoming dry and subsequent low water levels. The PDB in SW-1, which was in the well since the fourth quarter of 2016, was submerged in the first and second quarter of 2019, due to an increase in the water table elevation. It was subsequently sampled in the second quarter of 2019 and had the highest concentration of PCE (180 µg/L) out of all on-site wells. The PCE concentration in SW-1 has generally increased since 2019. However, PCE concentrations have decreased throughout 2022 into 2023 with a high of 500 µg/L observed in the first quarter 2022 and a low of 86 µg/L observed in the second quarter of 2023. PCE concentrations at SW-1 have generally increased from the third quarter of 2023 through 2024. While remaining an order of magnitude lower than PCE, TCE has consistently mirrored these quarterly PCE variations (**Figure 10**).

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

southeast after it moves off-site. When it reaches the CPC site, the FAL plume is found to the east of the CPC source areas.

The plume is predominantly TCE, with TCE concentrations typically an order of magnitude greater than those of PCE in EW-7C (**Figure 17**). TCE-dominant wells include EW-4B, EW-4C, EW-7C, EW-11D, EW-12D, EW-14D, MW-7B-R, and MW-10D. MW-7B-R TCE concentrations have been trending downward since the OU-4 plant was shut down (**Figure 27**). Despite an overall upward trend of TCE concentrations in EW-12D, TCE has been relatively stable since the plant shutdown (**Figure 20**). While an overall slightly decreasing trend has been observed at EW-7C, a slight upward trend was observed from the end of 2019 through the fourth quarter in 2022 and again from second quarter through first quarter 2024 (**Figure 17**).

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 institutional 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. However, the overall TCE trend is decreasing.

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

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

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

4.3.4 Comparison to Historic Groundwater Quality

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

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

Well	Screen Depth[1]	Location	PCE Trend	TCE Trend	Figure
CPC Plume Wells					
DW-1	93-98	South-southwest of CPC	Increasing	Decreasing	Figure 9
SW-1	65-70	South-southwest of CPC	Increasing	Increasing	Figure 10
EW-1A	65-75	Southwest of CPC	Decreasing	Decreasing	Figure 11
EW-5	165-175	South-southeast of CPC	Decreasing	Decreasing	Figure 12
Off-Site Plume(s) Wells					
EW-4A	100-115	East of CPC	Increasing	Increasing	Figure 13
EW-4B	120-130	East of CPC	Slightly decreasing	Stable	Figure 14
EW-4C	145-155	East of CPC	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	Decreasing	Decreasing	Figure 23
BP-3C	280-300	South-southeast of CPC	Decreasing	Decreasing	Figure 24

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

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

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

5. CONCLUSIONS AND RECOMMENDATIONS

5.1 Conclusions

The third quarter of 2024 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 third quarter of 2024 (see **Figure 31**). Notably, influent concentrations decreased in the third quarter of 2022 when recovery wells RW-4 and RW-5 were inoperable. However, influent concentrations increased following the return of RW-5 and RW-4 (fourth quarter 2023) to operation. A total of 12.78 kilograms (28.19 pounds) of PCE, TCE, and 1,1-DCE combined were removed during the third quarter 2024 via operation of the OU-5 GWE&T system. See **Table 5** for specific removal quantities.
- Contaminant concentrations in effluent groundwater samples collected during the reporting period met discharge limits.
- The results from the third quarter 2024 groundwater sampling event show the following VOC compounds detected above the NYSDEC Part 703 Class GA groundwater criteria: PCE, TCE, cis-1,2-DCE, VC, 1,1-DCE, 1,2-DCA, 1,1,1 TCA, acetone, and benzene.
- BP-3: HDR previously concluded that the current OU-5 recovery well network is not capable of capturing groundwater contamination around the BP-3 series of wells (as indicated by the fluctuation of PCE concentrations at the time, and that it is possible that contaminant mass is migrating beneath the limited influence of the combined capture zones of RW-3, RW-4, and RW-5 in the deeper aquifer. However, overall trends of PCE, TCE, cis-1,2-DCE, VC, and 1,1,1 TCA are decreasing which suggests that capture is likely.
- TCE concentrations at MW-7B-R have continued to show a decline since treatment was transferred from the OU-4 facility to the OU-5 facility. The TCE concentration in the first quarter through the first quarter 2024 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 third quarter 2024 groundwater sampling event show 1,4- dioxane was detected above the NYSDOH Maximum Contaminant Level of 0.35 µg/L at five of the downgradient MW-CPC series monitoring wells: MW-CPC-36, MW-CPC- 37, MW-CPC-38, MW-CPC-40, and MW-CPC-41. The highest result values were found in MW-CPC-36 and MW-CPC-37 which are upgradient from a public water supply well N-07852 (**Figure 33**).
- PFOS and PFOA continue to be the dominant PFAS compounds detected at the MW-CPC series of wells. Exceedances are limited to MW-CPC-36, MW-CPC-37, and MW-CPC-41, which are located approximately upgradient to side gradient of the public water supply wells (**Figure 34**). Total PFAS results remain highest in MW-CPC-36.
- Resumption monthly sampling of OU5 plant influent and effluent for emerging contaminants began in August 2022. Exceedances of 1,4-dioxane in influent and effluent samples, as well as PFOS, and PFOA in influent samples, were reported in the third quarter. As discussed in **Section 3.1.2.**, a GAC treatability study was conducted between April 26, 2024 through September 17, 2024 in an effort to evaluate treatment of PFAS in extracted groundwater. As a result, effluent concentrations of both PFOS and PFOA were non-detect during the third quarter (see **Figures 7** and **8**). Results associated with the GAC treatability study will be detailed under separate cover in a forthcoming Treatability Study Report.

5.2 Recommendations

- 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.
- Upgrade or replace the GWE&T system to treat 1,4-dioxane and PFAS compounds found to be present above New York State’s applicable standards.

6. REFERENCES

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US Environmental Protection Agency, Region 2. “Explanation of Significant Differences Claremont Polychemical Corporation Superfund Site, Town of Oyster Bay, Nassau County, New York.” New York, NY, 2003.

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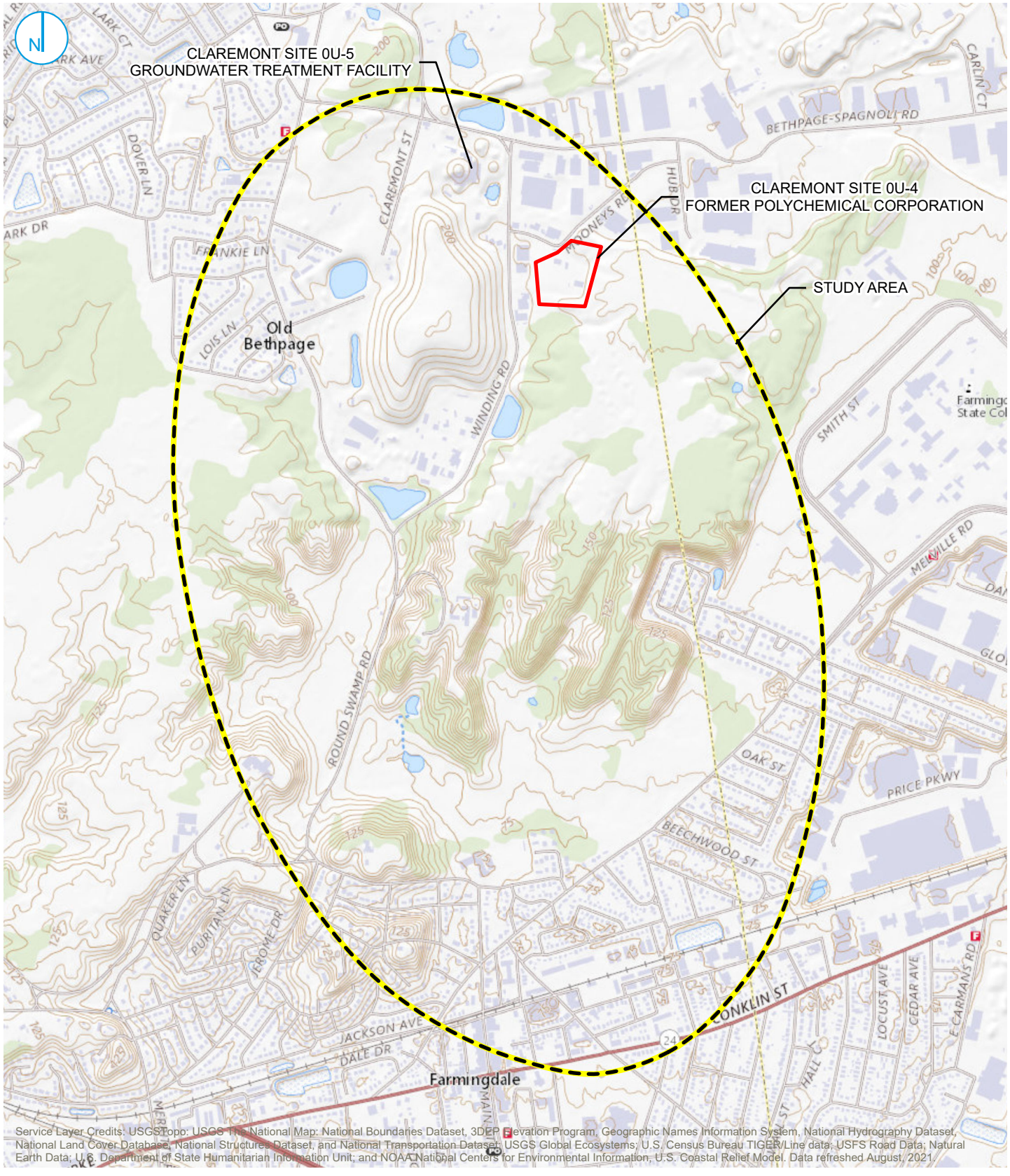
FIGURES



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

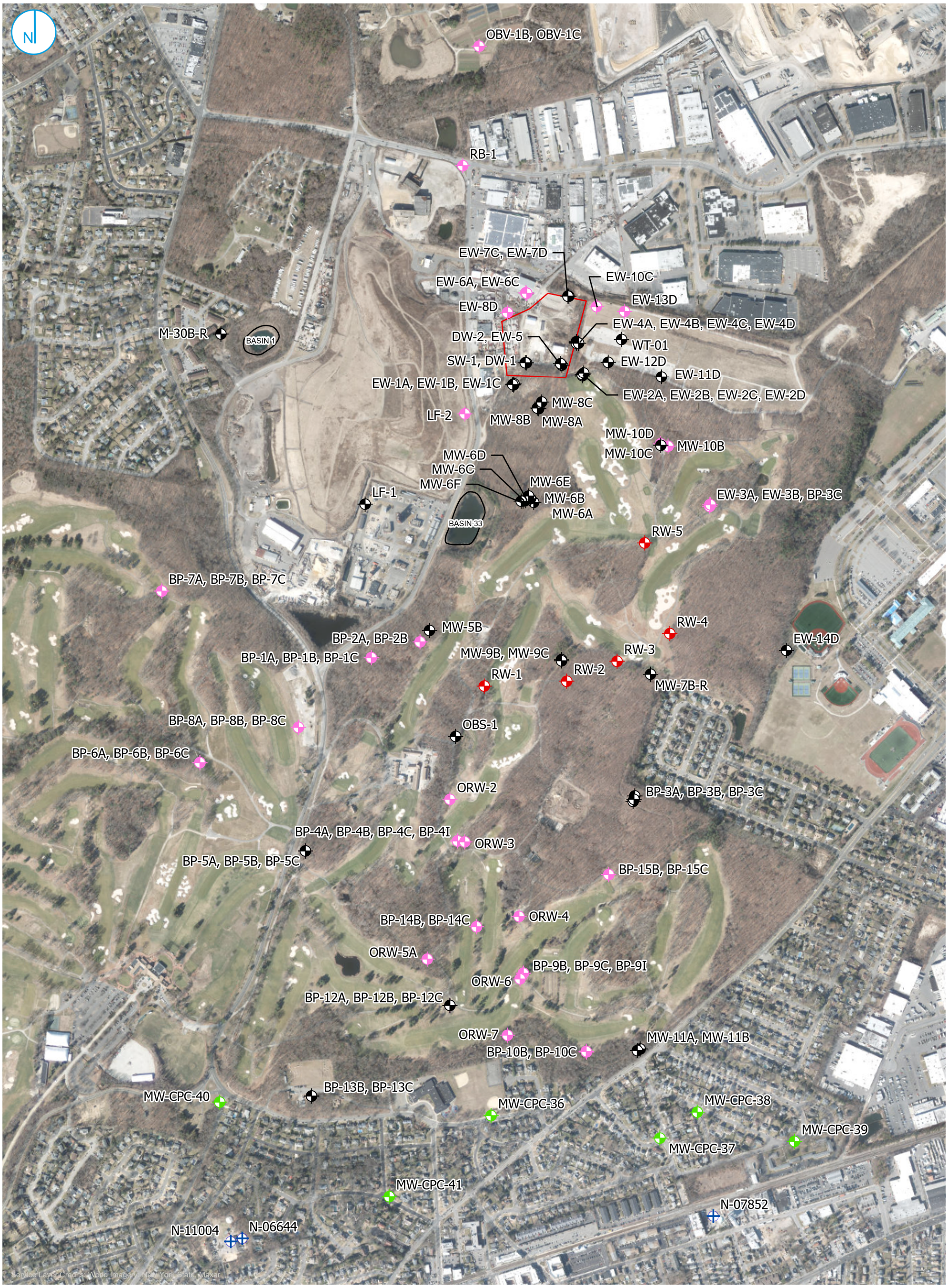
SITE LOCATION

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

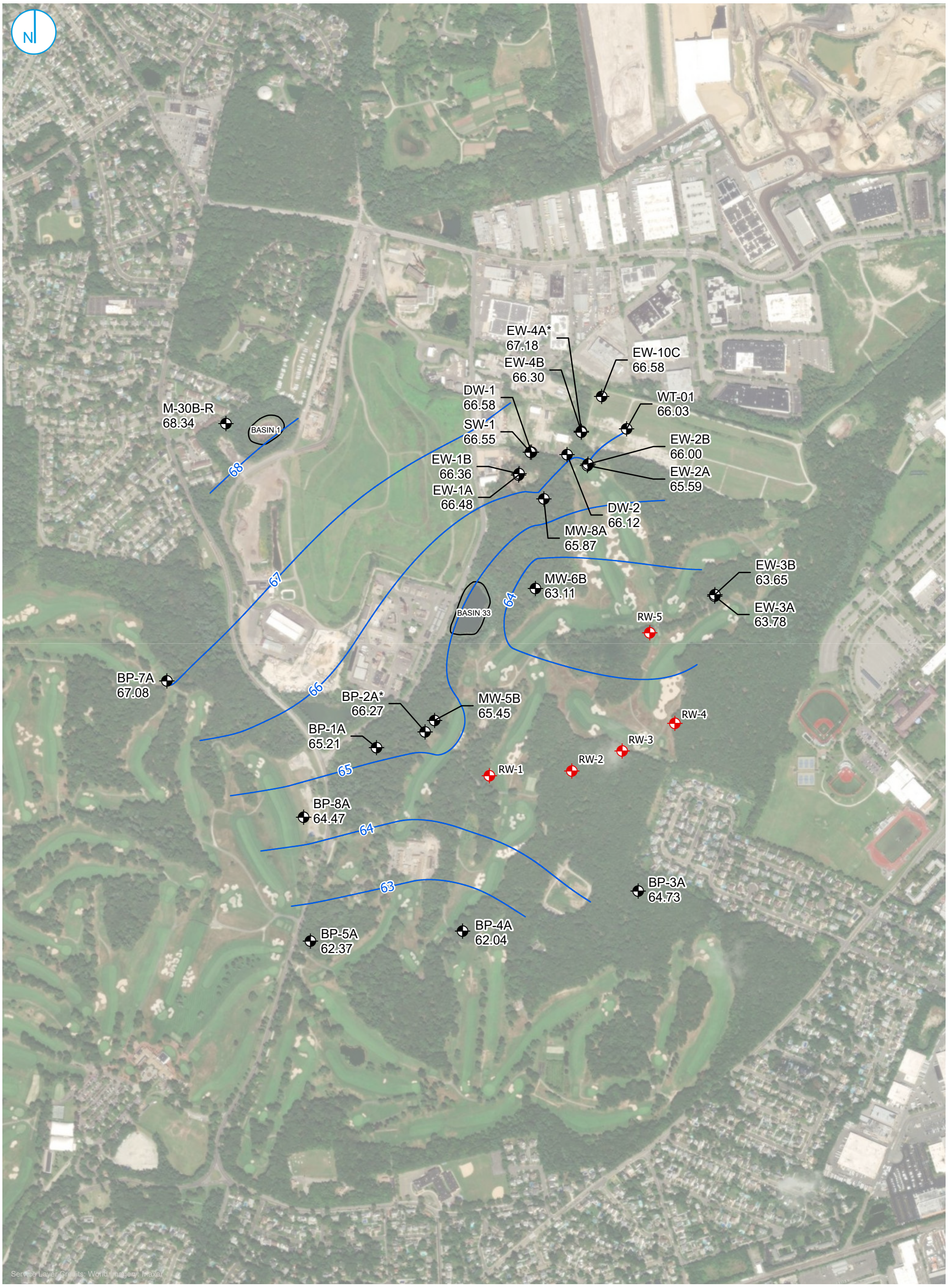
0 400 800 Feet

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
RECHARGE BASIN

Notes
- * - Wells BP-2A and EW-4A were excluded from contour drawing.
- Wells BP-6A and EW-6A were inaccessible.
- All elevations recorded in feet in NAVD 88.

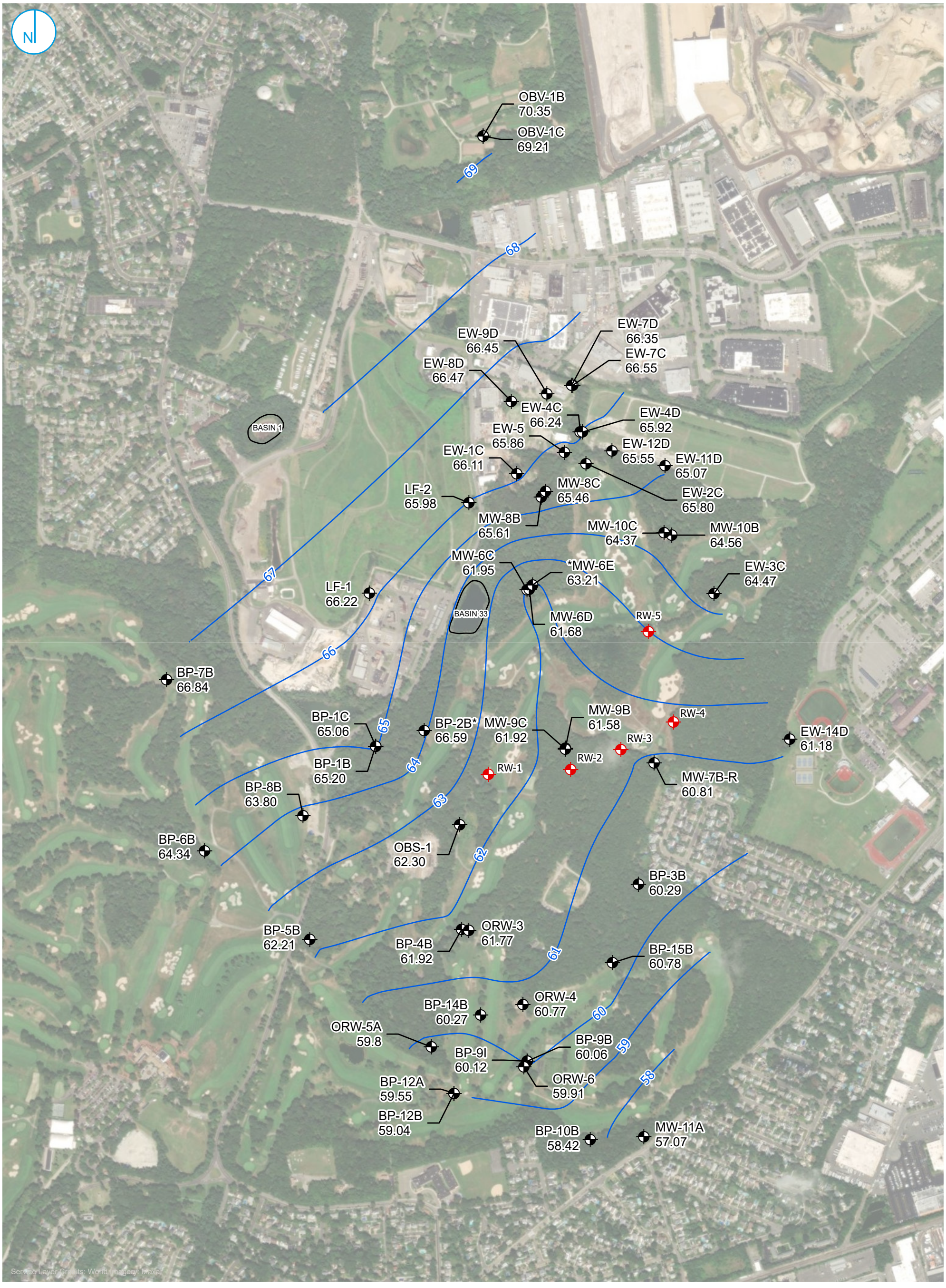
0 400 800 Feet

JULY 2024
POTENTIOMETRIC CONTOURS
UPPER MAGOTHY

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

FIGURE 03

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY



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

0 400 800 Feet

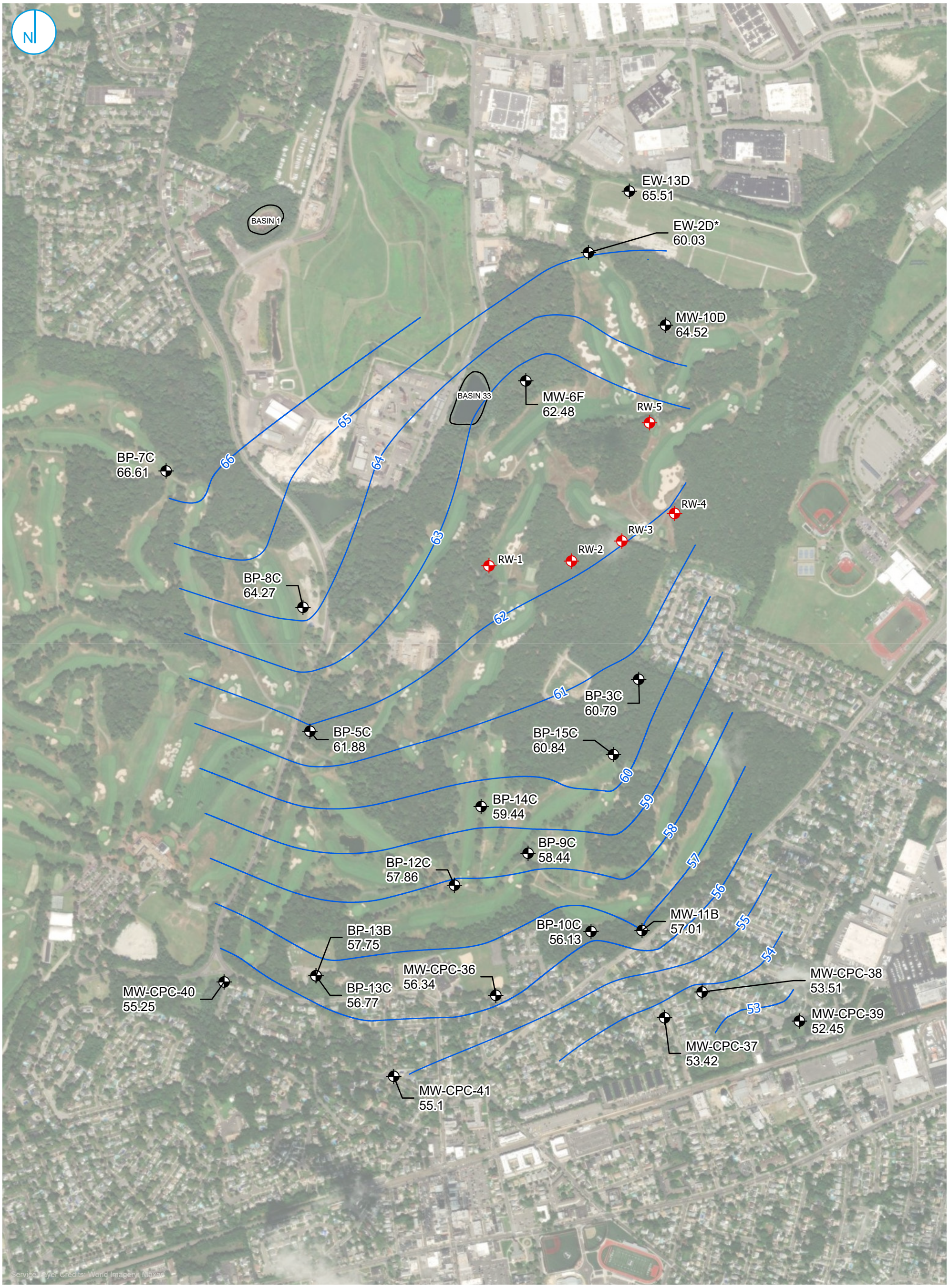
Notes
- * - Wells BP-2B and MW-6E were excluded from contour drawing.
- Wells BP-4I, BP-11, and EW-6C were inaccessible.
- All elevations recorded in feet in NAVD 88.

JULY 2024
POTENTIOMETRIC CONTOURS
MIDDLE MAGOTHY

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

FIGURE 04

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY



MONITORING WELL
RECOVERY WELL
POTENTIOMETRIC CONTOUR
RECHARGE BASIN

0 400 800 Feet

Notes
- * - Well EW-2D was excluded from contour drawing.
- Wells BP-4C and BP-6C were inaccessible.
- All elevations recorded in feet in NAVD 88.

JULY 2024
POTENTIOMETRIC CONTOURS
LOWER MAGOTHY

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

FIGURE 05

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_3Q2024\Claremont_Polychemical_3Q2024 aprx\Fig06-Chlorinated_VOC_Effluent

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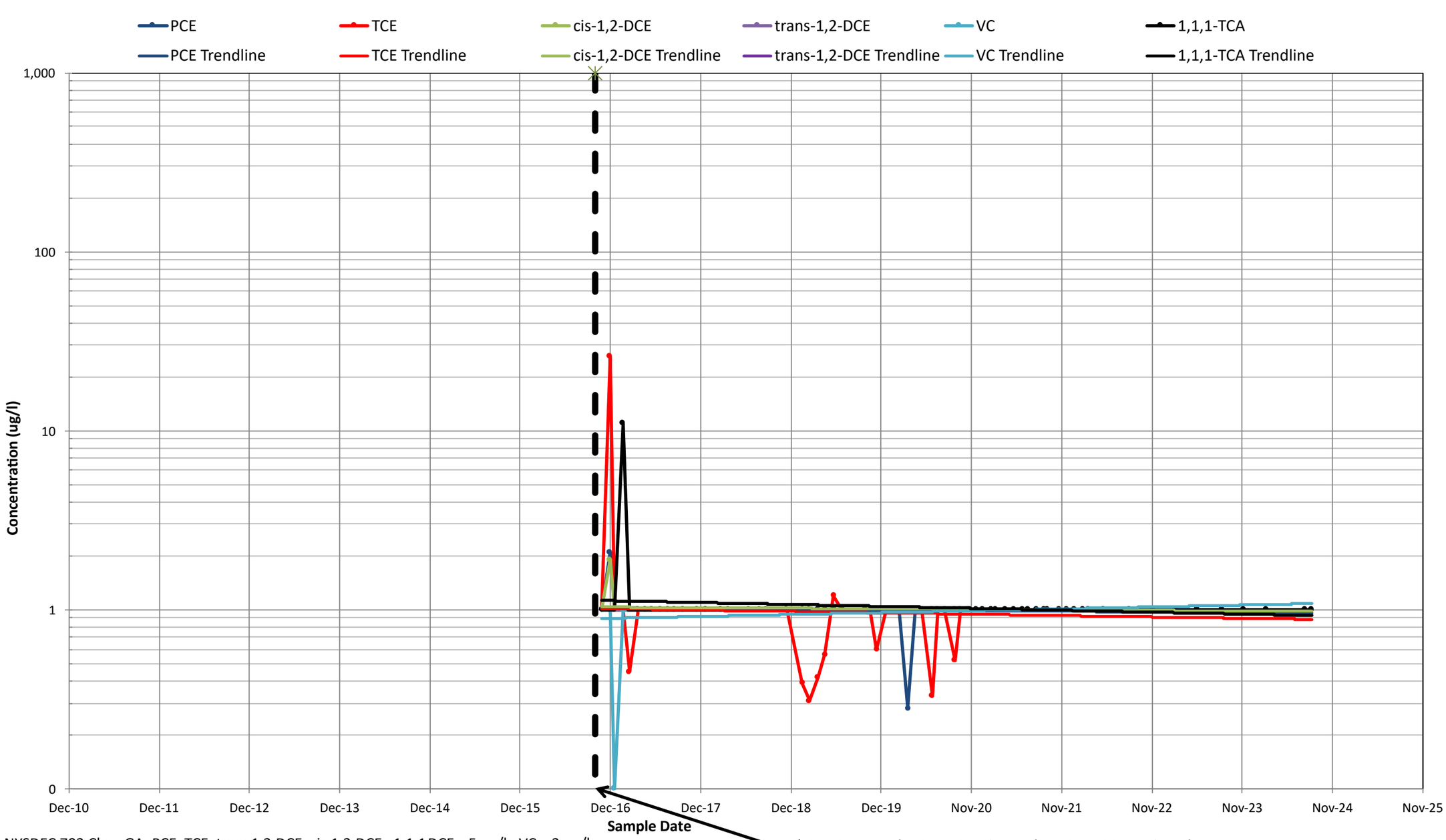

NYSDEC 703 Class GA: PCE, TCE, trans-1,2-DCE, cis-1,2-DCE , 1,1,1-DCE = 5 ug/l; VC = 2 ug/l;
Detection limits used to display non-detect results.How some reporting limits were generated is unknown.

*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_3Q2024\Claremont_Polychemical_3Q2024.aprx\Fig07-Dioxane_Exceedances
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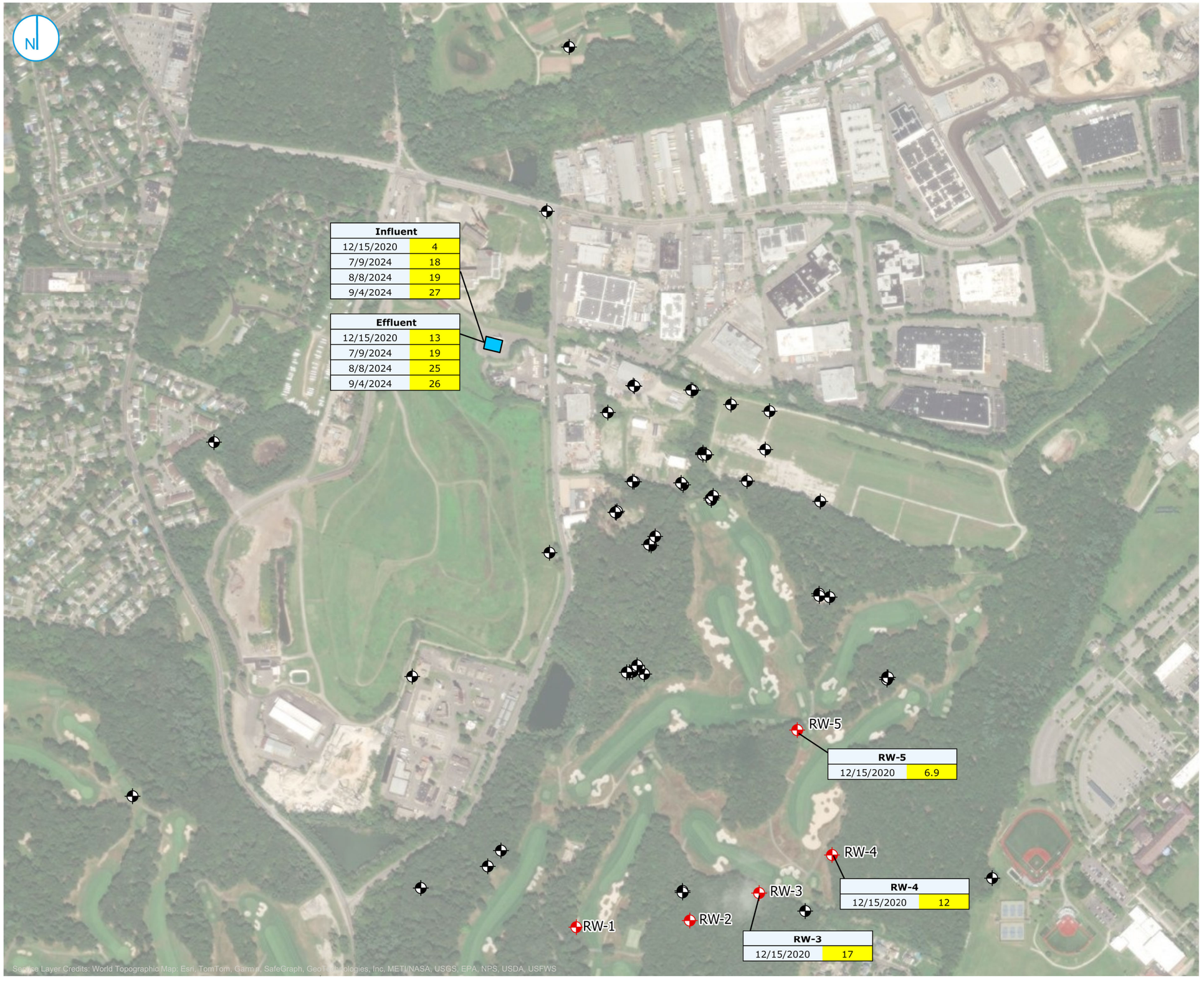

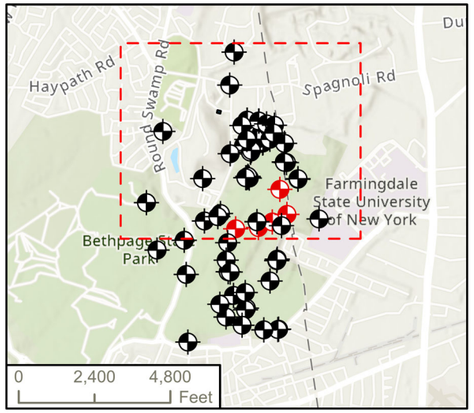

MONITORING WELL (GAUGED)
RECOVERY WELL
TREATMENT BUILDING

Process Sample Results Notes:

1. 1,4-Dioxane was compared to the NYSDEC "Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. Division of Water Technical and Operational Guidance Series (1.1.1)." Last updated February 2023. Criteria shown on table below.
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	0.35

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

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_3Q2024\Claremont_Polychemical_3Q2024.aprx\Fig08-PFAS_Exceedances
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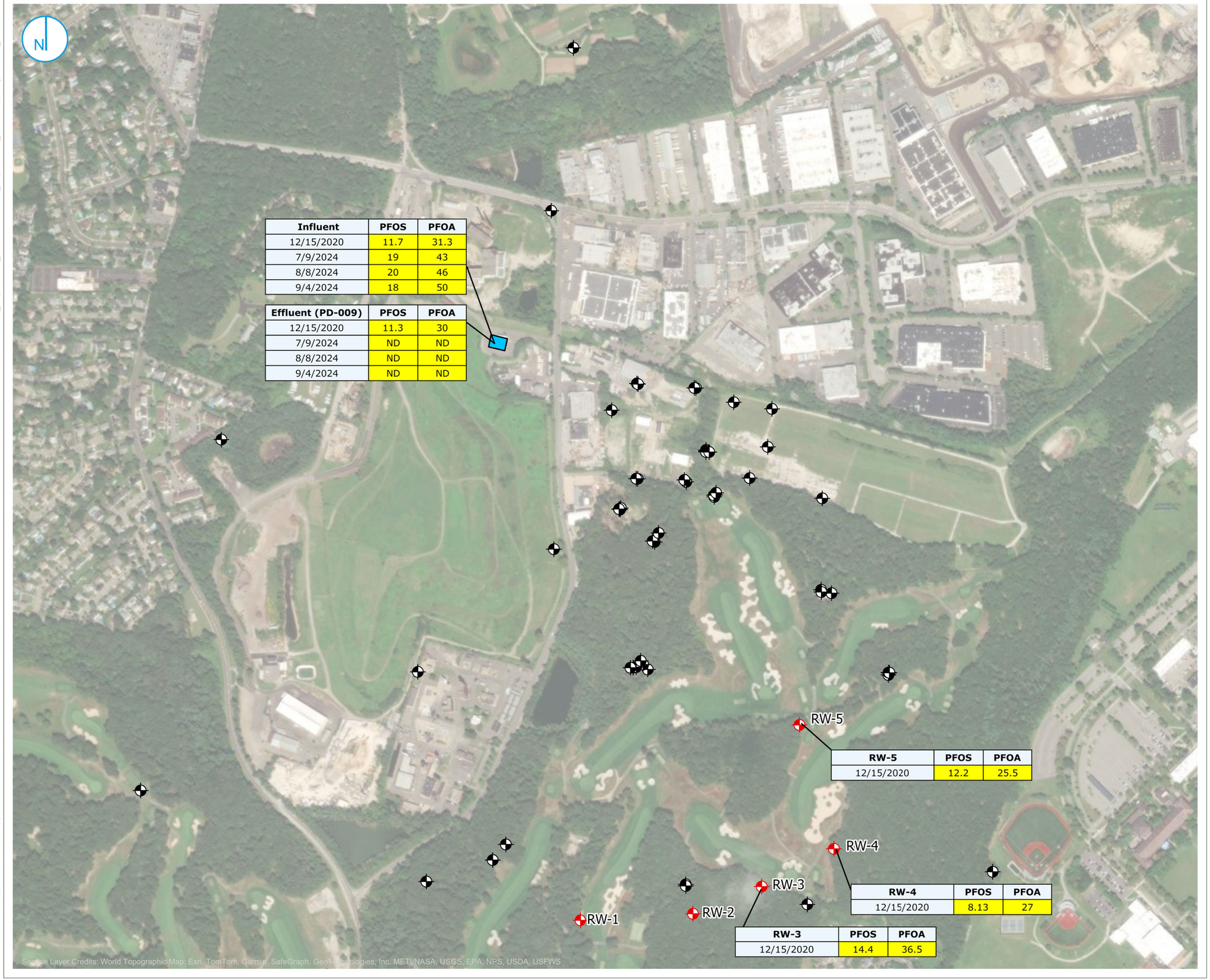

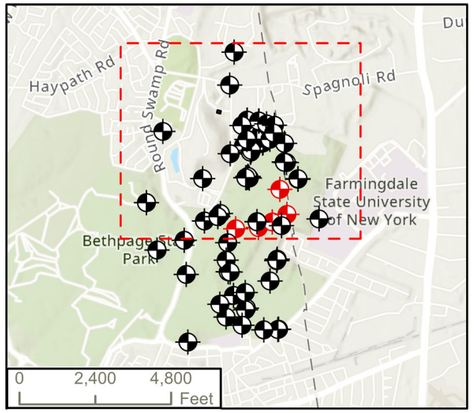

MONITORING WELL (GAUGED)
RECOVERY WELL
TREATMENT BUILDING

Process Sample Results Notes:

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

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

0 300 600 Feet

PFAS EXCEEDANCES

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

FIGURE 08

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_3Q2024\Claremont_Polychemical_3Q2024.aprx\Fig09-Chlorinated_VOC_DW-1
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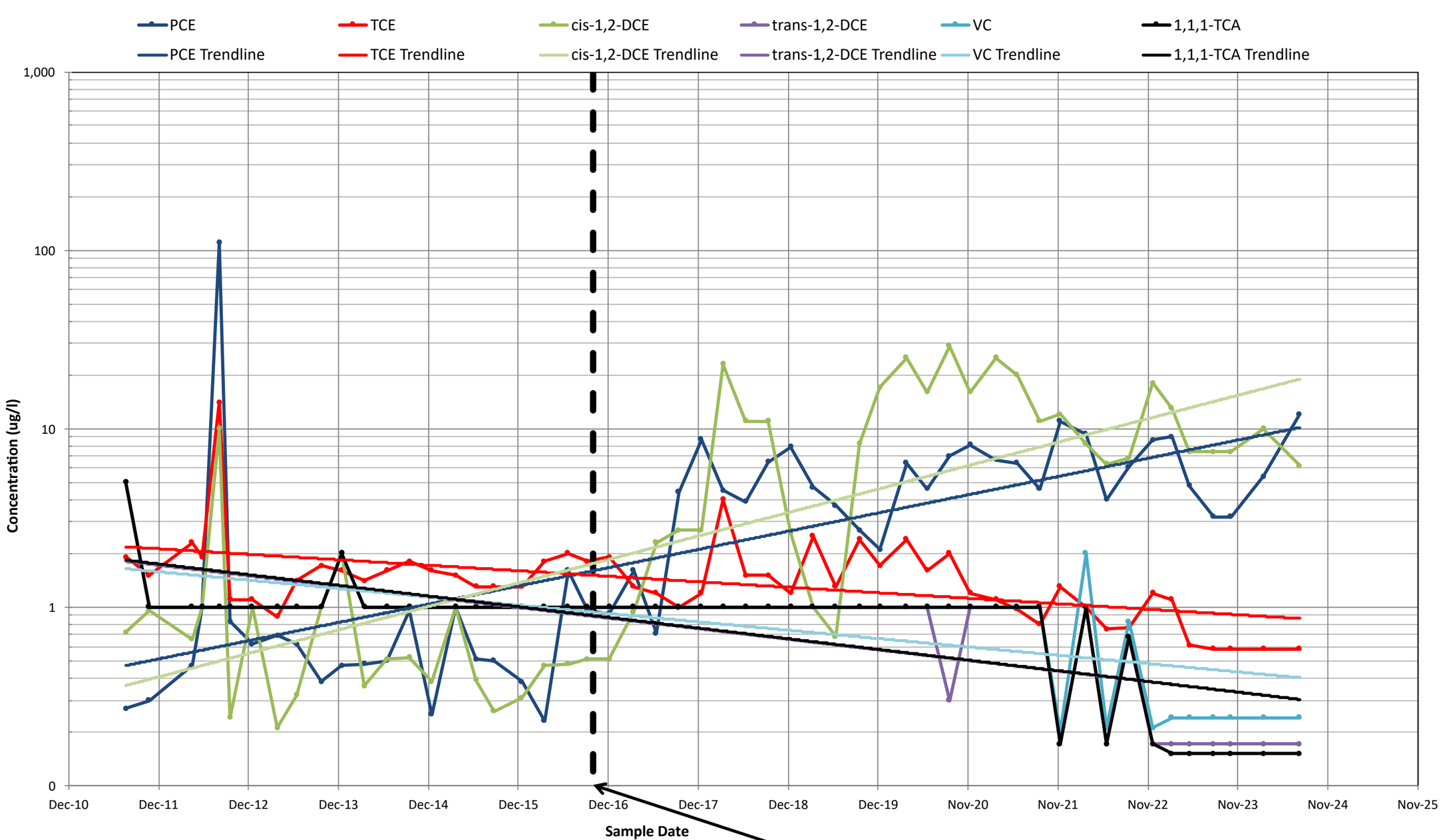

NYSDEC 703 Class GA: PCE, TCE, trans-1,2-DCE, cis-1,2-DCE , 1,1,1-DCE = 5 ug/l; VC = 2 ug/l;
Detection limits used to display non-detect results.How some reporting limits were generated is unknown.

*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_3Q2024\Claremont_Polychemical_3Q2024.aprx\Fig10-Chlorinated_VOC_SW-10

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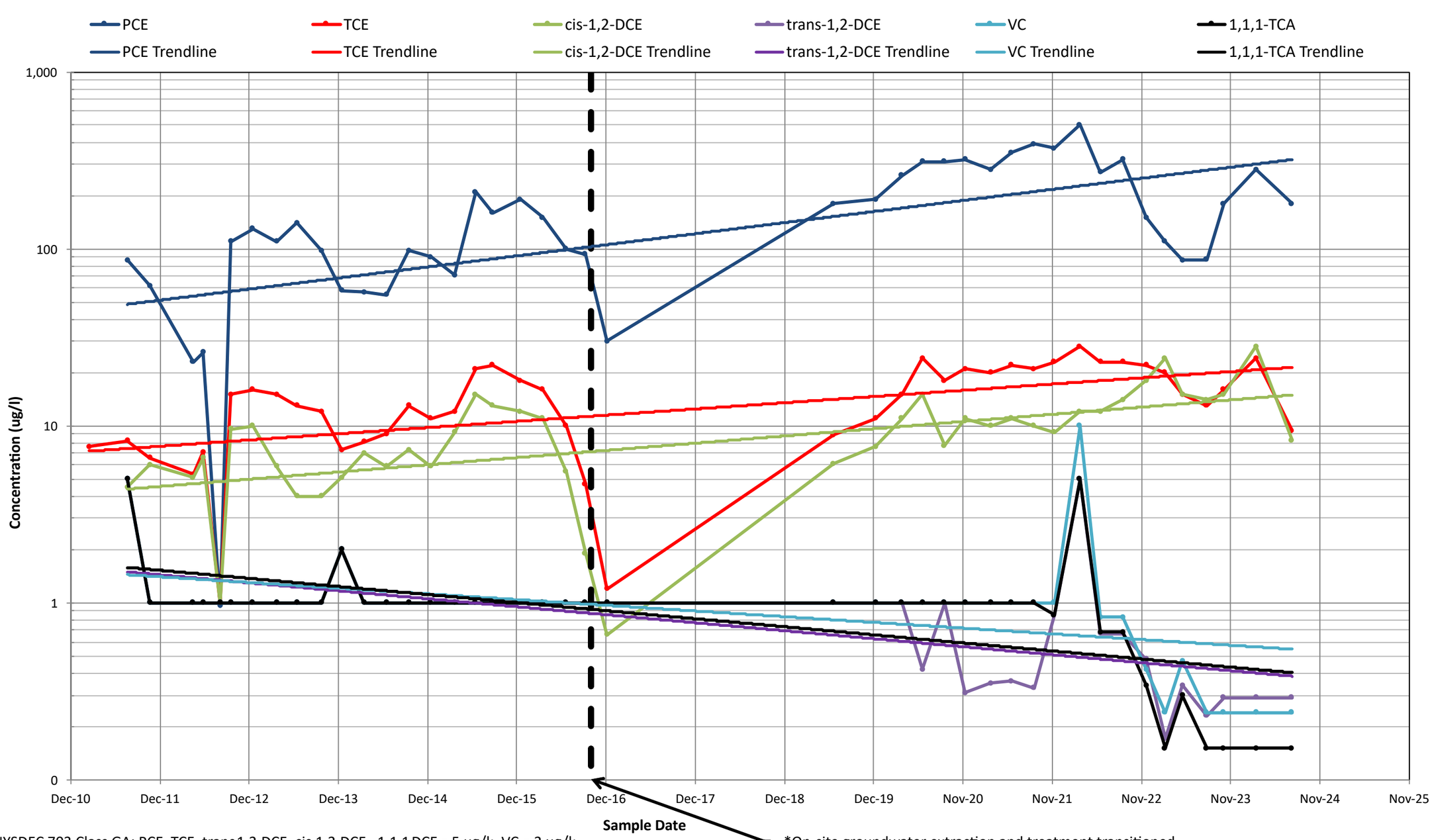

NYSDEC 703 Class GA: PCE, TCE, trans-1,2-DCE, cis-1,2-DCE , 1,1,1-DCE = 5 ug/l; VC = 2 ug/l;
Detection limits used to display non-detect results.How some reporting limits were generated is unknown.

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_3Q2024\Claremont_Polychemical_3Q2024.aprx\Fig11-Chlorinated_VOC_EW-1A

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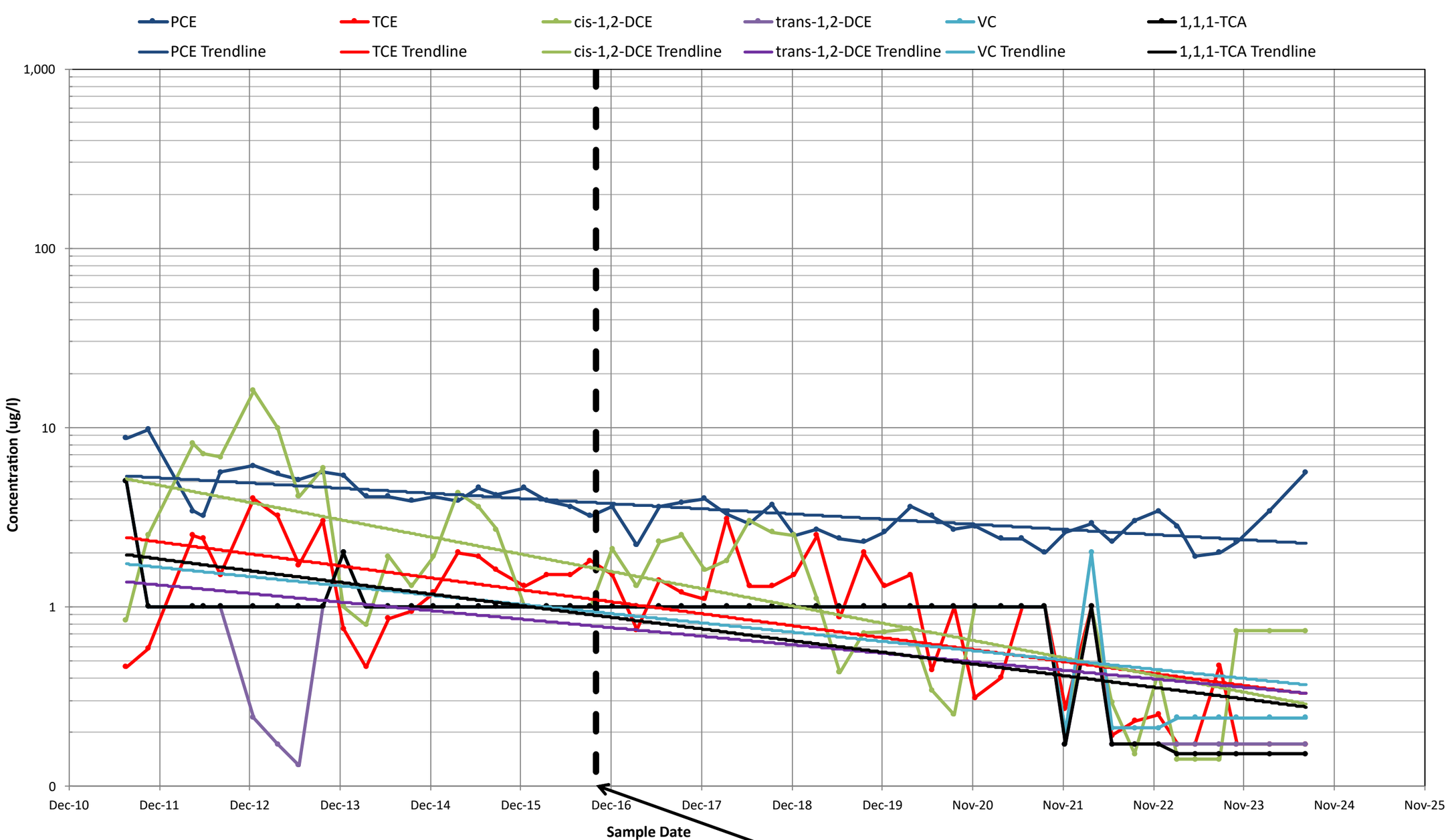

NYSDEC 703 Class GA: PCE, TCE, trans-1,2-DCE, cis-1,2-DCE , 1,1,1-DCE = 5 ug/l; VC = 2 ug/l;
Detection limits used to display non-detect results.How some reporting limits were generated is unknown.

*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

K:\NYS-DEC\1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_3Q2024\Claremont_Polychemical_3Q2024.aprx\Fig12-Chlorinated_VOC_EW-5
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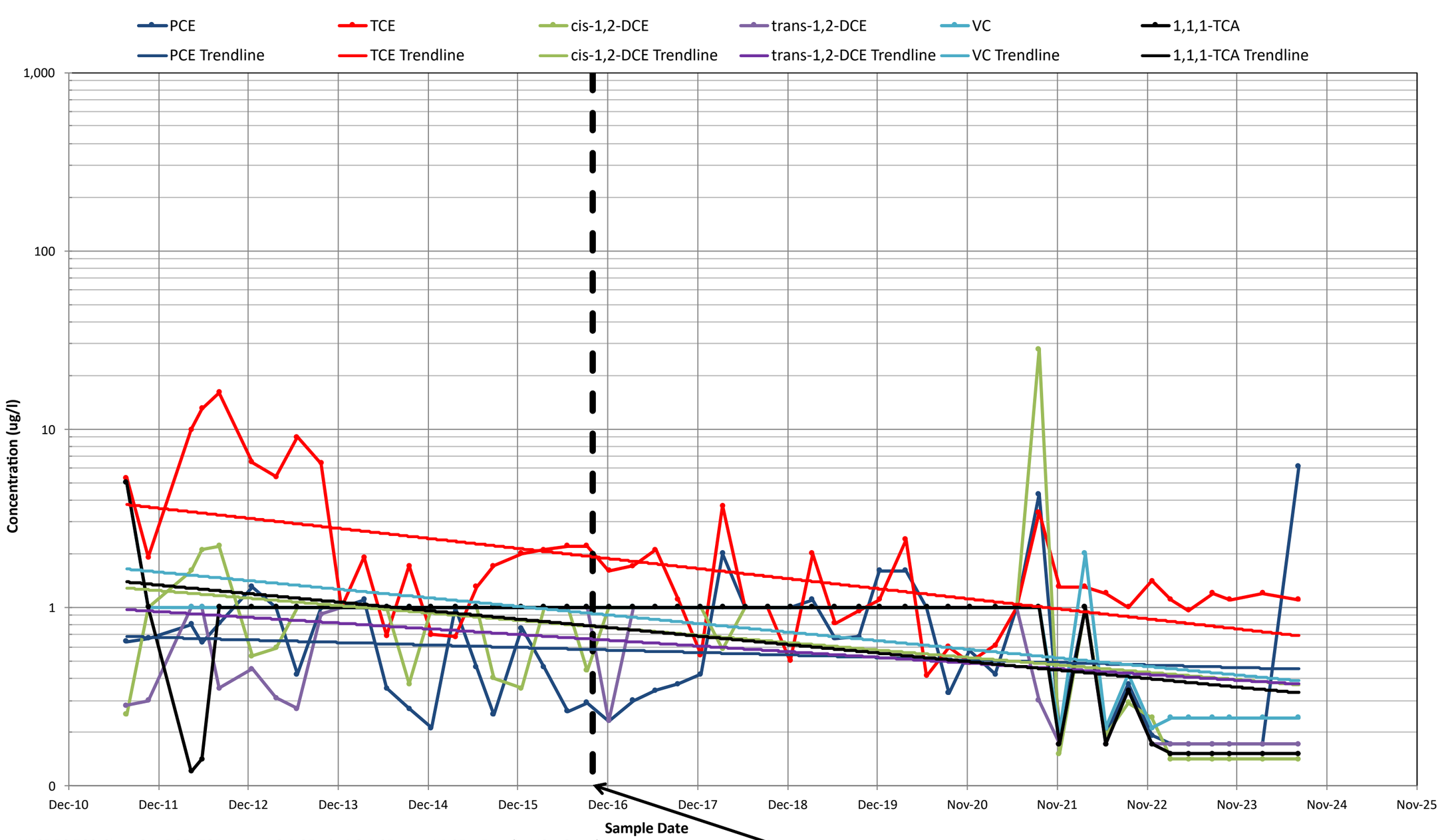

NYSDEC 703 Class GA: PCE, TCE, trans-1,2-DCE, cis-1,2-DCE , 1,1,1-DCE = 5 ug/l; VC = 2 ug/l;
Detection limits used to display non-detect results.How some reporting limits were generated is unknown.

*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

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_3Q2024\Claremont_Polychemical_3Q2024.aprx\Fig13-Chlorinated_VOC_EW-4A
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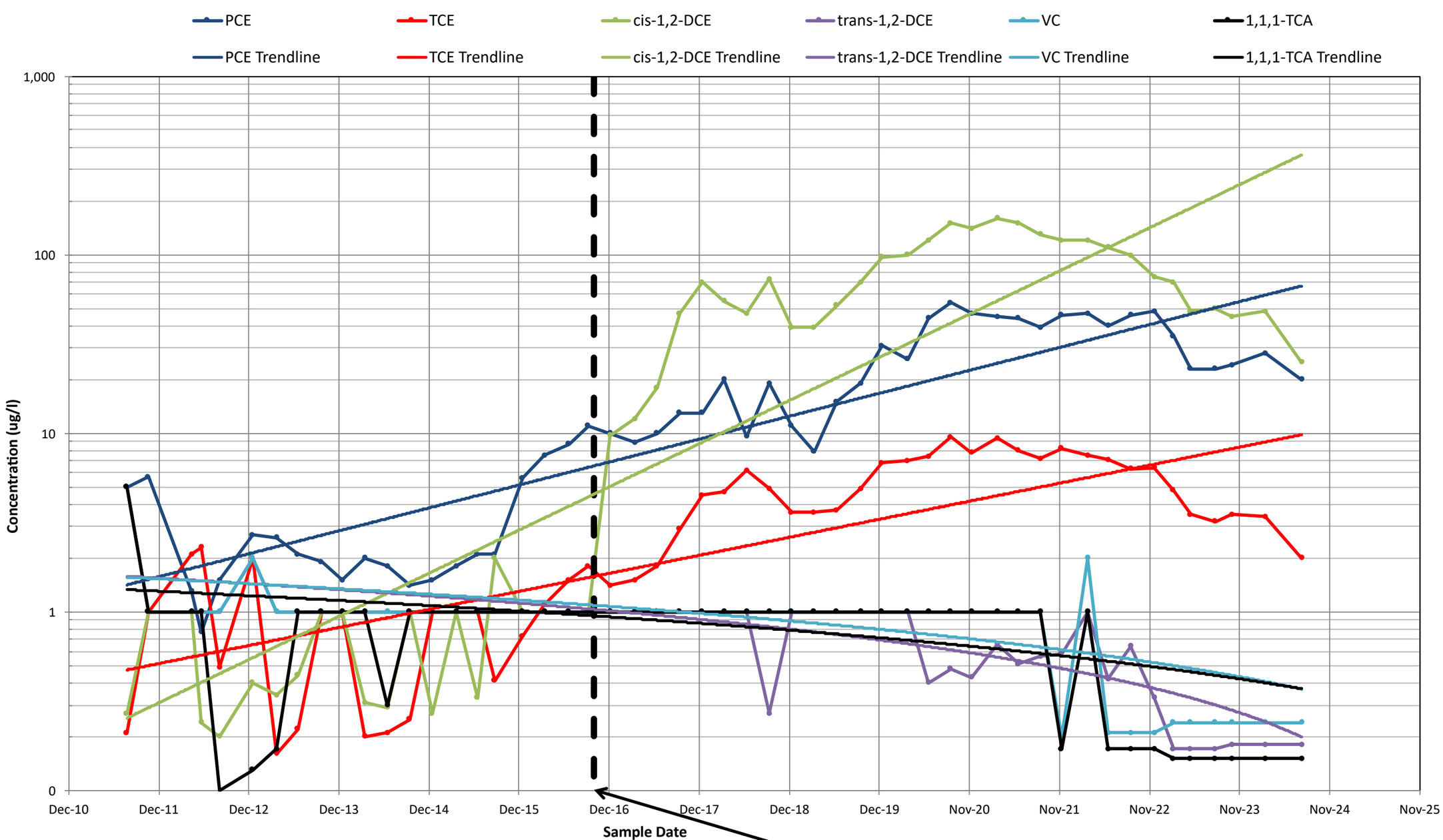

NYSDEC 703 Class GA: PCE, TCE, trans-1,2-DCE, cis-1,2-DCE , 1,1,1-DCE = 5 ug/l; VC = 2 ug/l;
Detection limits used to display non-detect results.How some reporting limits were generated is unknown.

*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_3Q2024\Claremont_Polychemical_3Q2024.aprx\Fig14-Chlorinated_VOC_EW-4B
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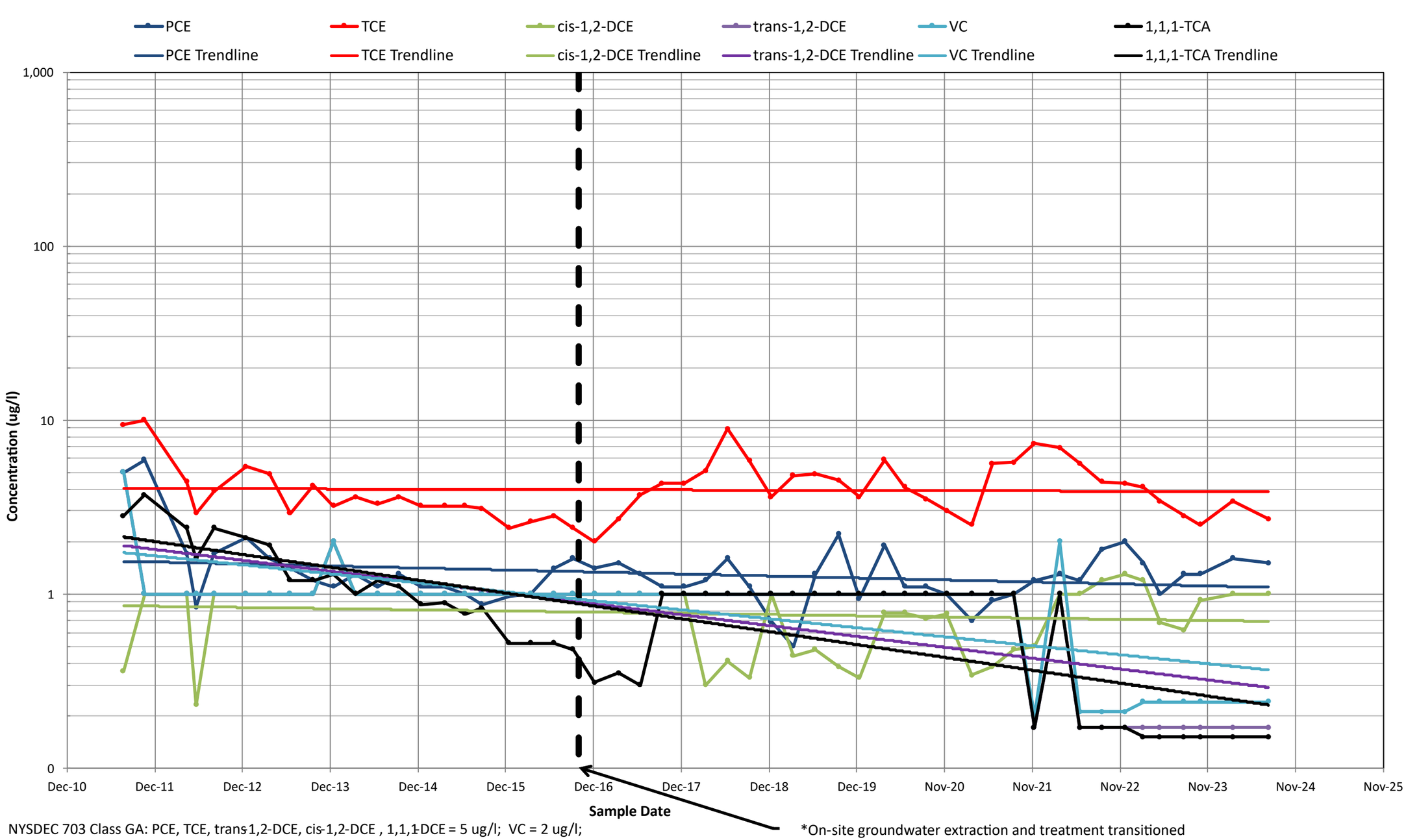

NYSDEC 703 Class GA: PCE, TCE, trans-1,2-DCE, cis-1,2-DCE , 1,1,1-DCE = 5 ug/l; VC = 2 ug/l;
Detection limits used to display non-detect results.How some reporting limits were generated is unknown.

*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_3Q2024\Claremont_Polychemical_3Q2024.aprx\Fig15-Chlorinated_VOC_EW-4C
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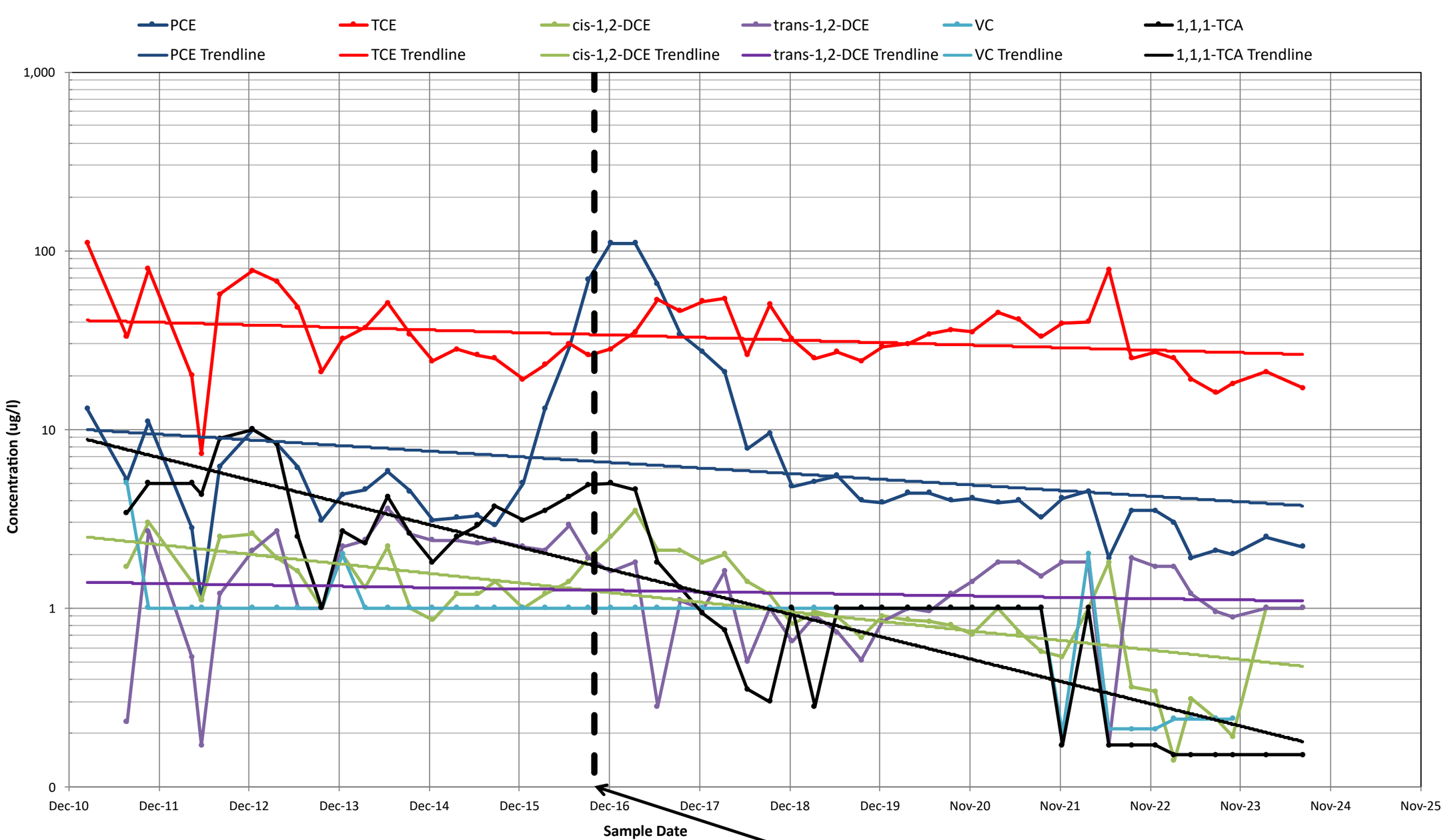


NYSDEC 703 Class GA: PCE, TCE, trans-1,2-DCE, cis-1,2-DCE , 1,1,1-DCE = 5 ug/l; VC = 2 ug/l;
Detection limits used to display non-detect results.How some reporting limits were generated is unknown.

*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
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

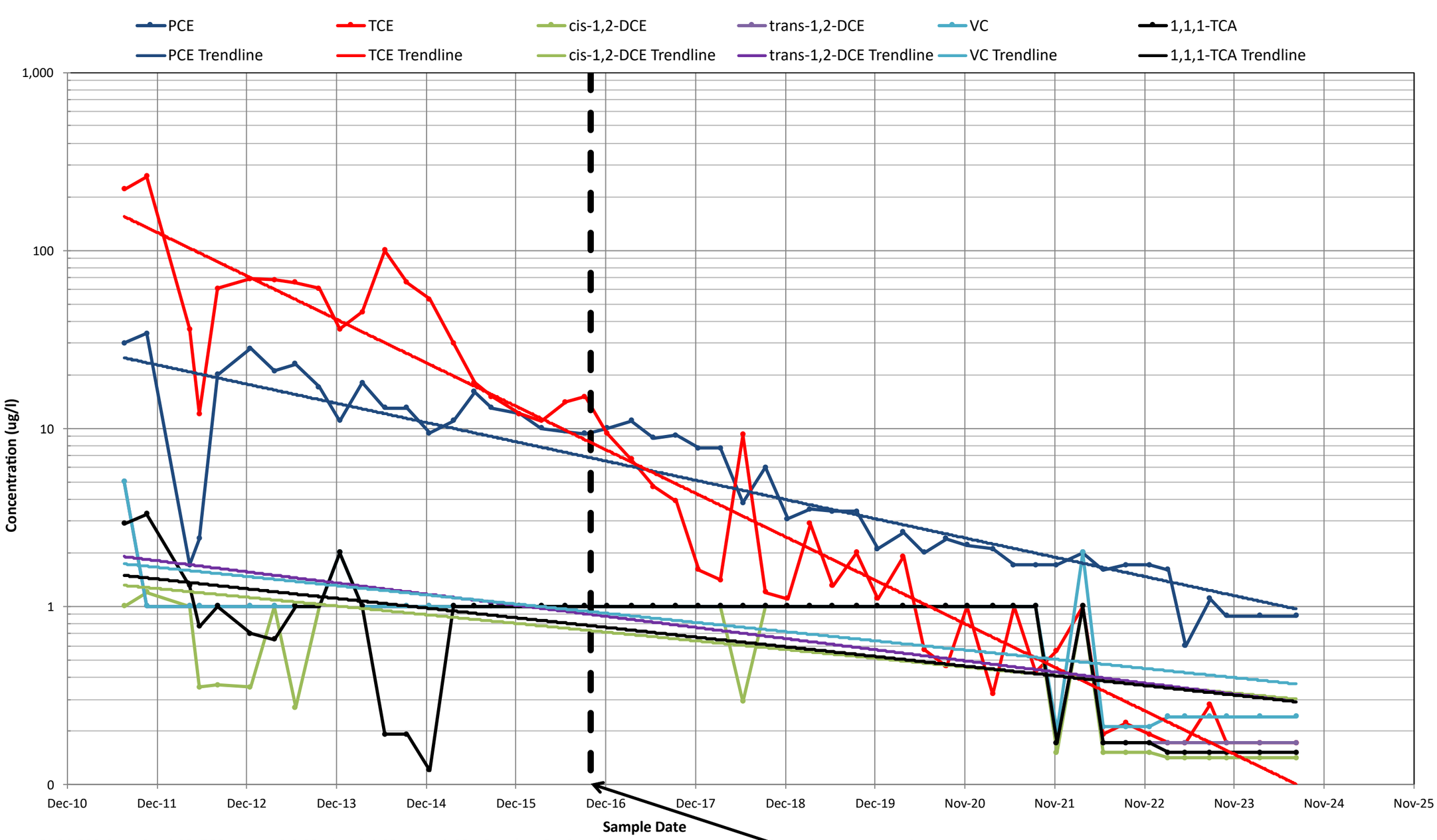
FIGURE 15

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_3Q2024\Claremont_Polychemical_3Q2024 aprx\Fig16-Chlorinated_VOC_EW-4D

PROJECT: 940101703 | DATED: 9/25/2024 | 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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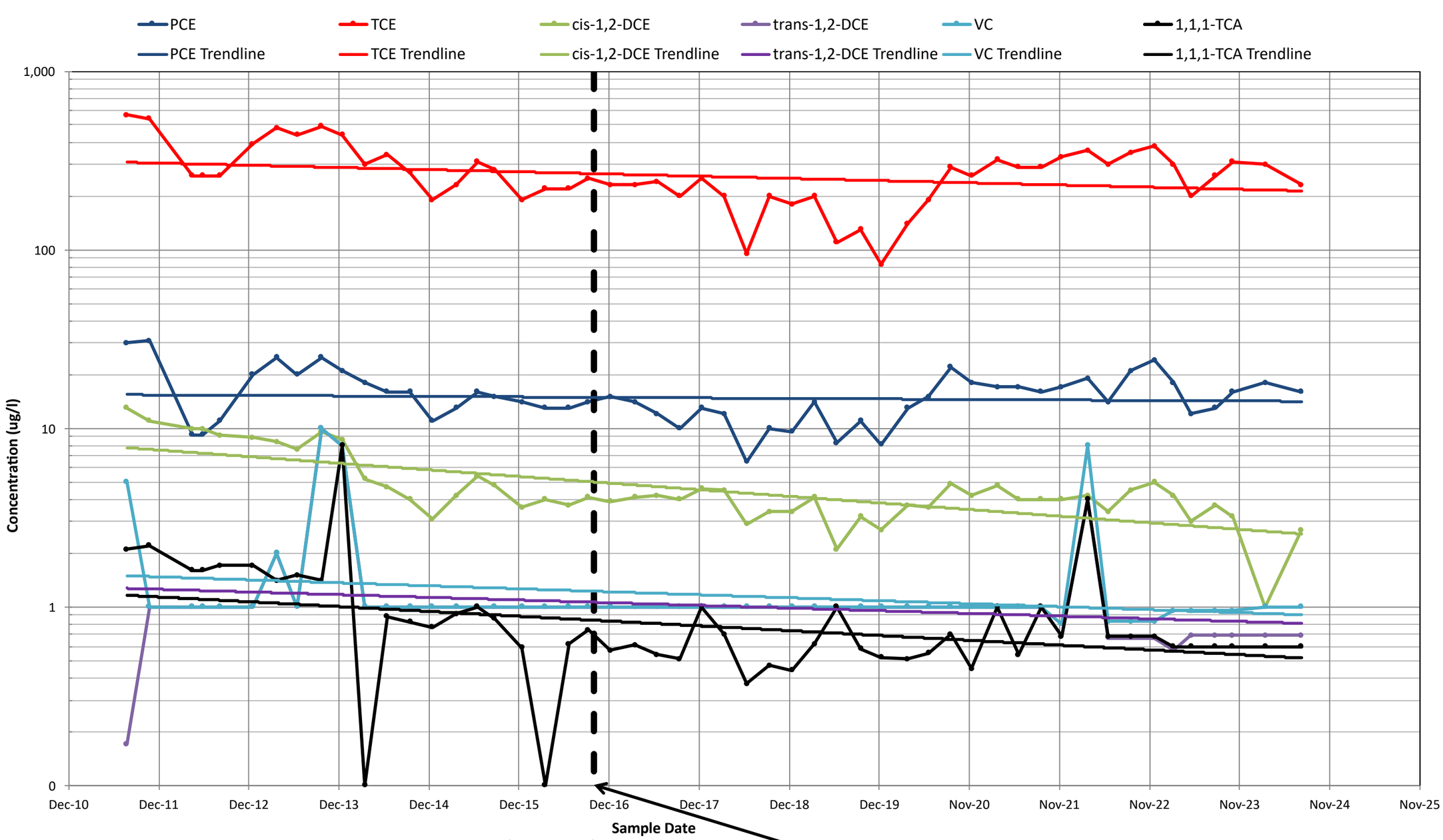
FIGURE 16

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_3Q2024\Claremont_Polychemical_3Q2024.aprx\Fig17-Chlorinated_VOC_EW-7C
PROJECT: 1940101703 | DATED: 9/25/2024 | 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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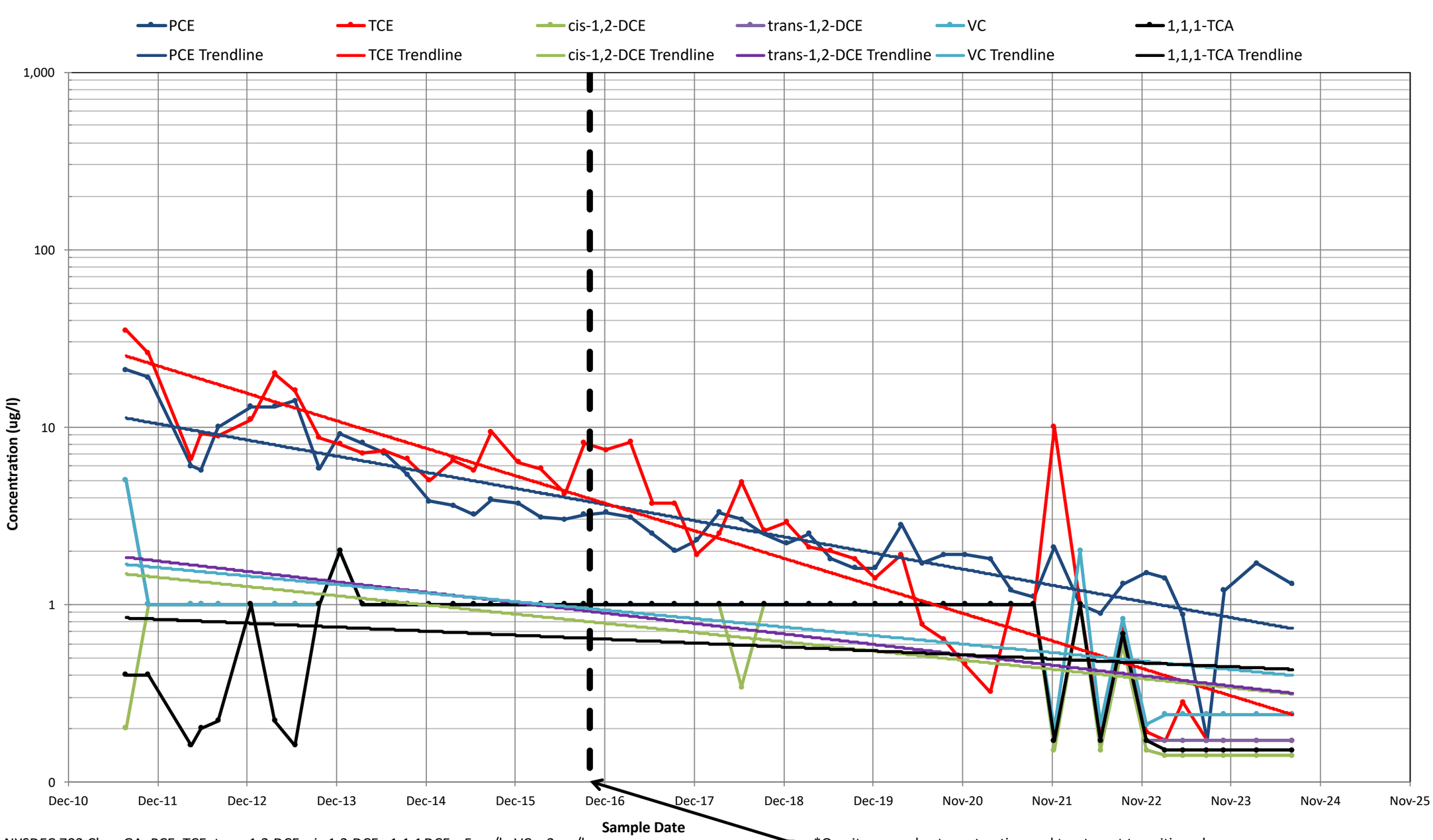
FIGURE 17

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_3Q2024\Claremont_Polychemical_3Q2024.aprx\Fig18-Chlorinated_VOC_EW-7D
PROJECT: 1940101703 | DATED: 9/25/2024 | 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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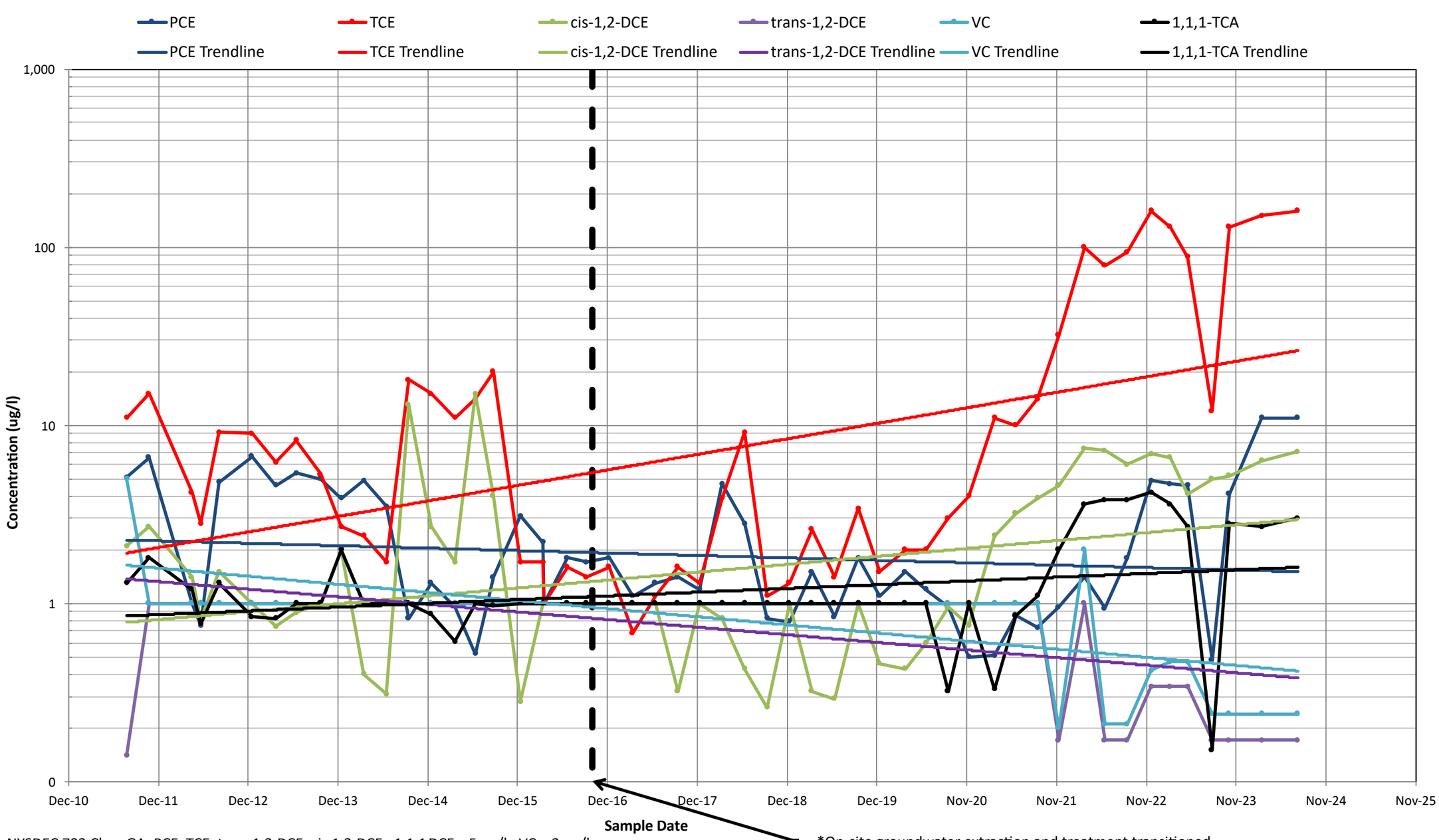
FIGURE 18

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_3Q2024\Claremont_Polychemical_3Q2024.aprx\Fig19-Chlorinated_VOC_MW-10D
PROJECT: 1940101703 | DATED: 9/25/2024 | 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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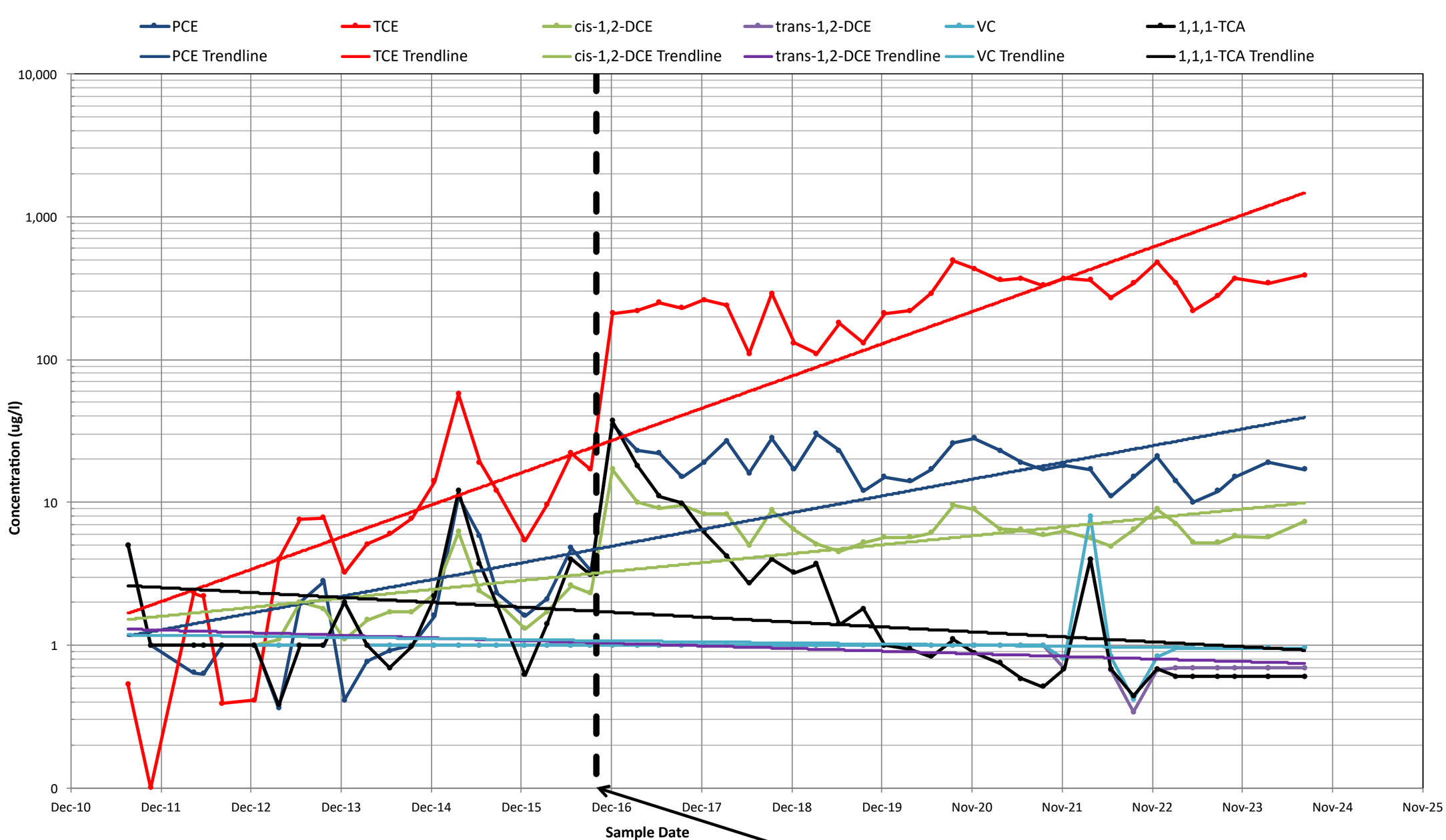
FIGURE 19

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_3Q2024\Claremont_Polychemical_3Q2024.aprx\Fig20-Chlorinated_VOC_EW-12D
PROJECT: 1940101703 | DATED: 9/25/2024 | 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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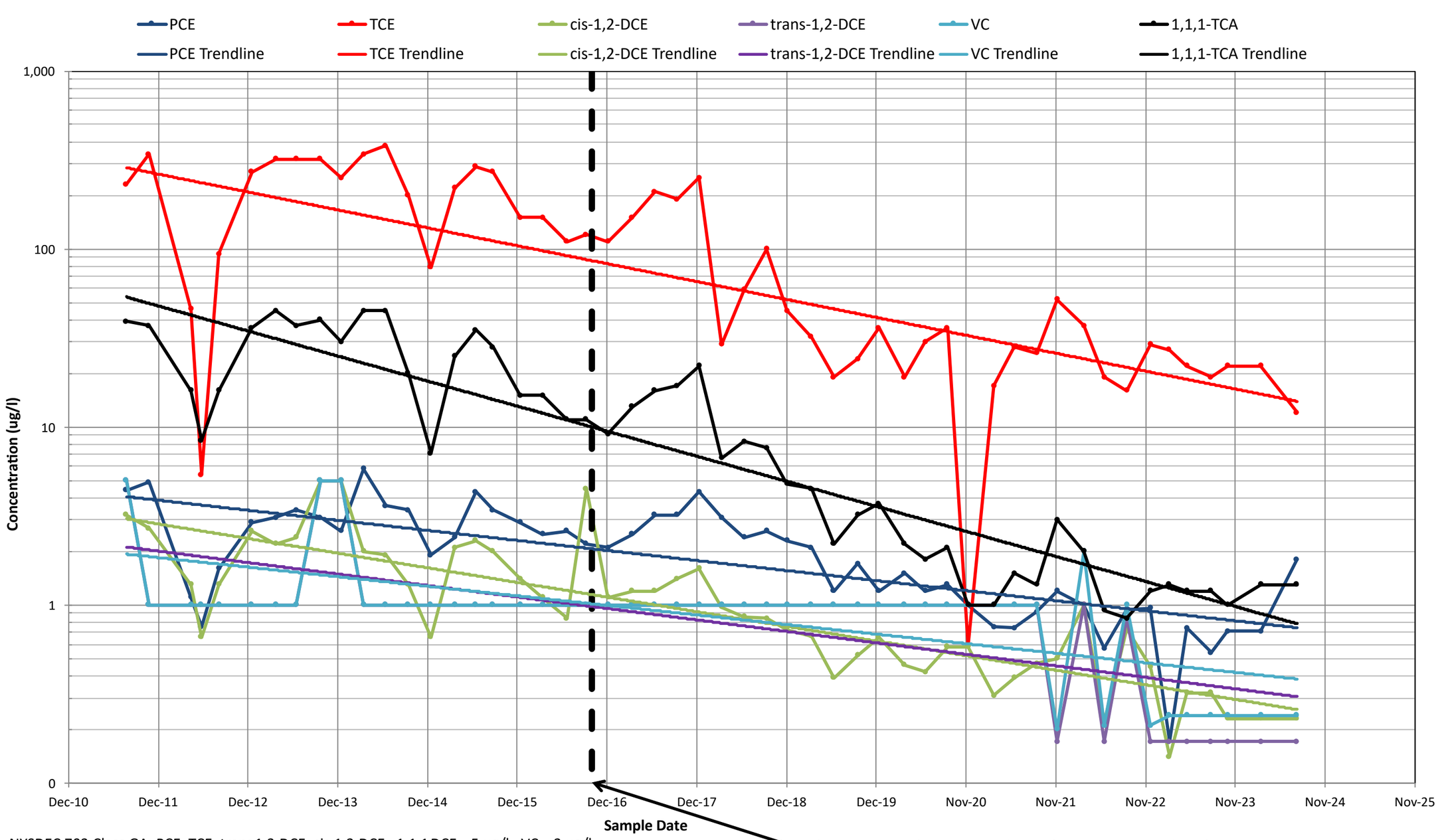
FIGURE 20

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_3Q2024\Claremont_Polychemical_3Q2024.aprx\Fig21-Chlorinated_VOC_EW-14D
PROJECT: 1940101703 | DATED: 9/25/2024 | DESIGNER: SSOULE



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

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

CHLORINATED VOC CONCENTRATIONS
EW-14D

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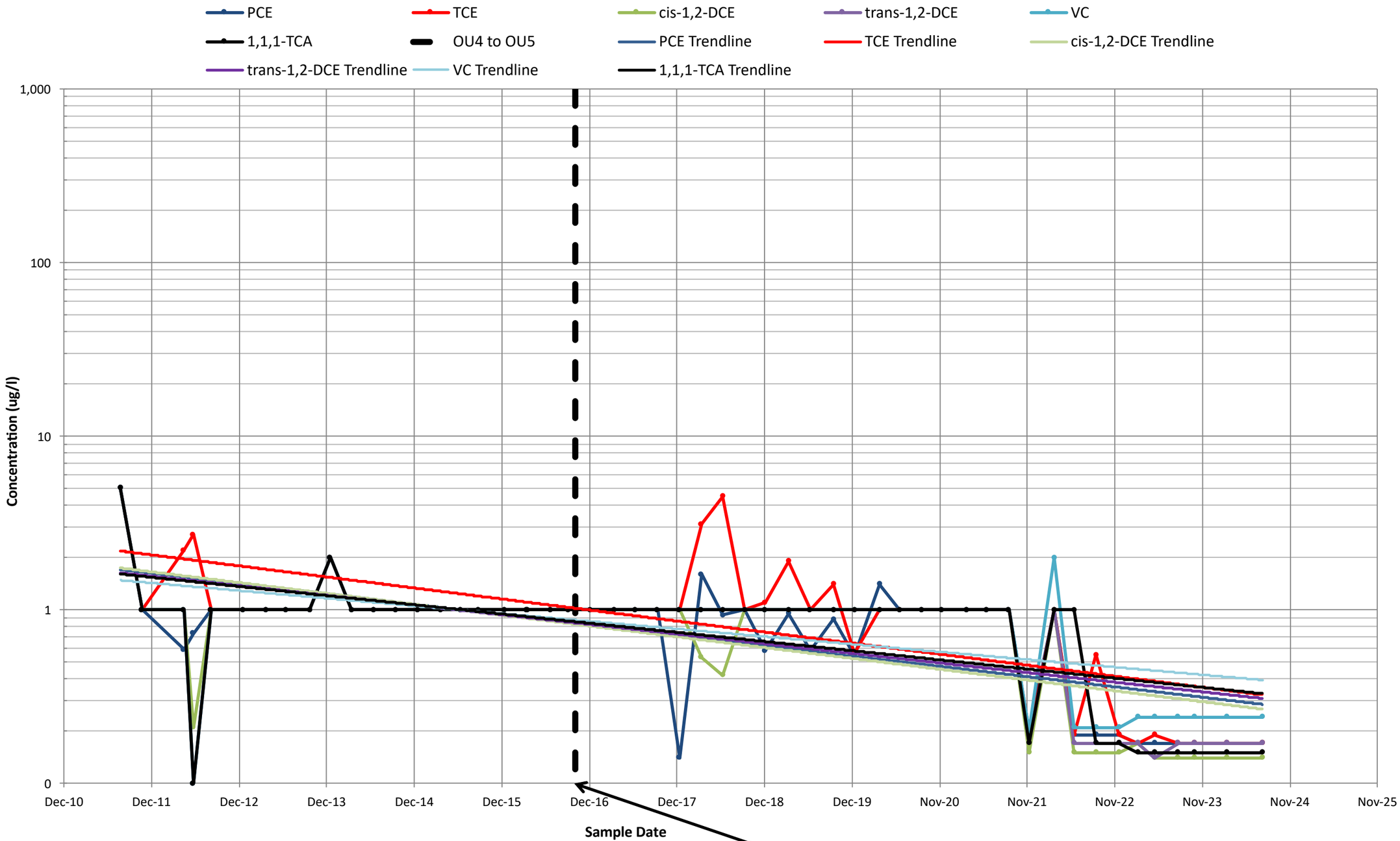
FIGURE 21

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_3Q2024\Claremont_Polychemical_3Q2024.aprx\Fig22-Chlorinated_VOC_BP-3A
PROJECT: 1940101703 | DATED: 9/25/2024 | 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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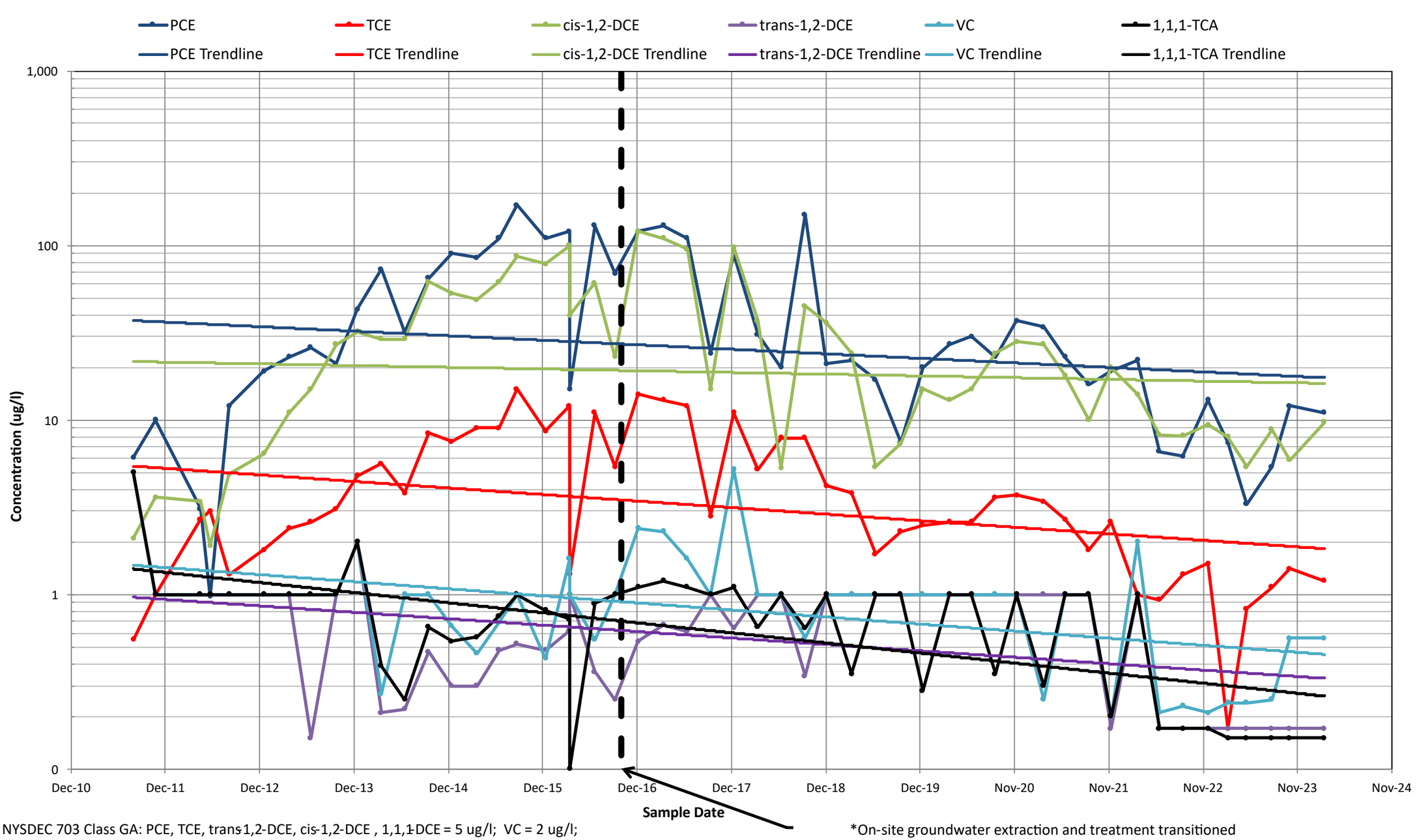
FIGURE 22

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_3Q2024\Claremont_Polychemical_3Q2024.aprx\Fig23-Chlorinated_VOC_BP-3B
PROJECT: 1940101703 | DATED: 9/25/2024 | DESIGNER: SSOULE



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

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

CHLORINATED VOC CONCENTRATIONS
BP-3B

CLAREMONT POLYCHEMICAL CORPORATION
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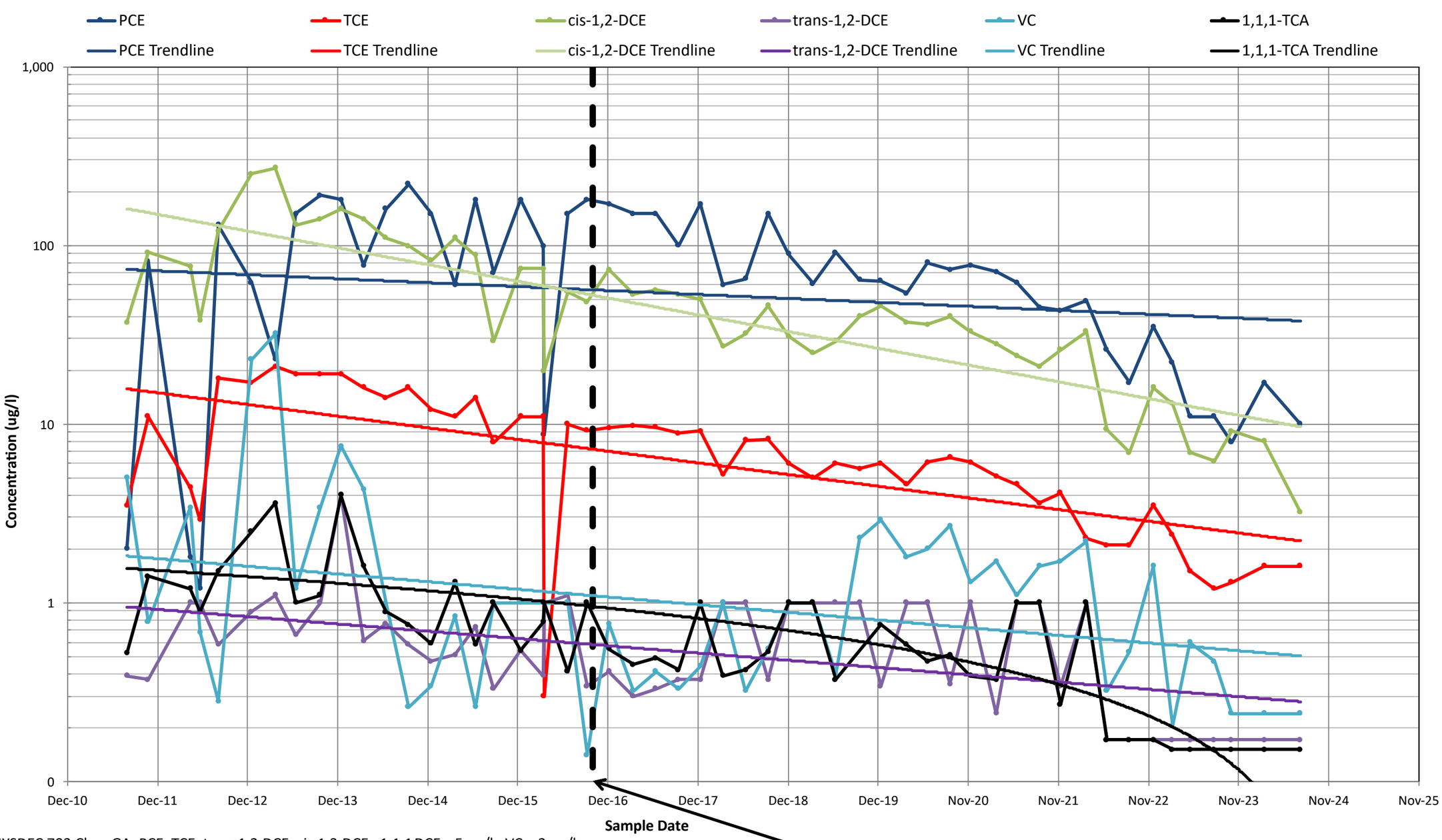
FIGURE 23

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_3Q2024\Claremont_Polychemical_3Q2024.aprx\Fig24-Chlorinated_VOC_BP-3C
PROJECT: 1690001940101703 | DATED: 9/25/2024 | 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-3C

CLAREMONT POLYCHEMICAL CORPORATION
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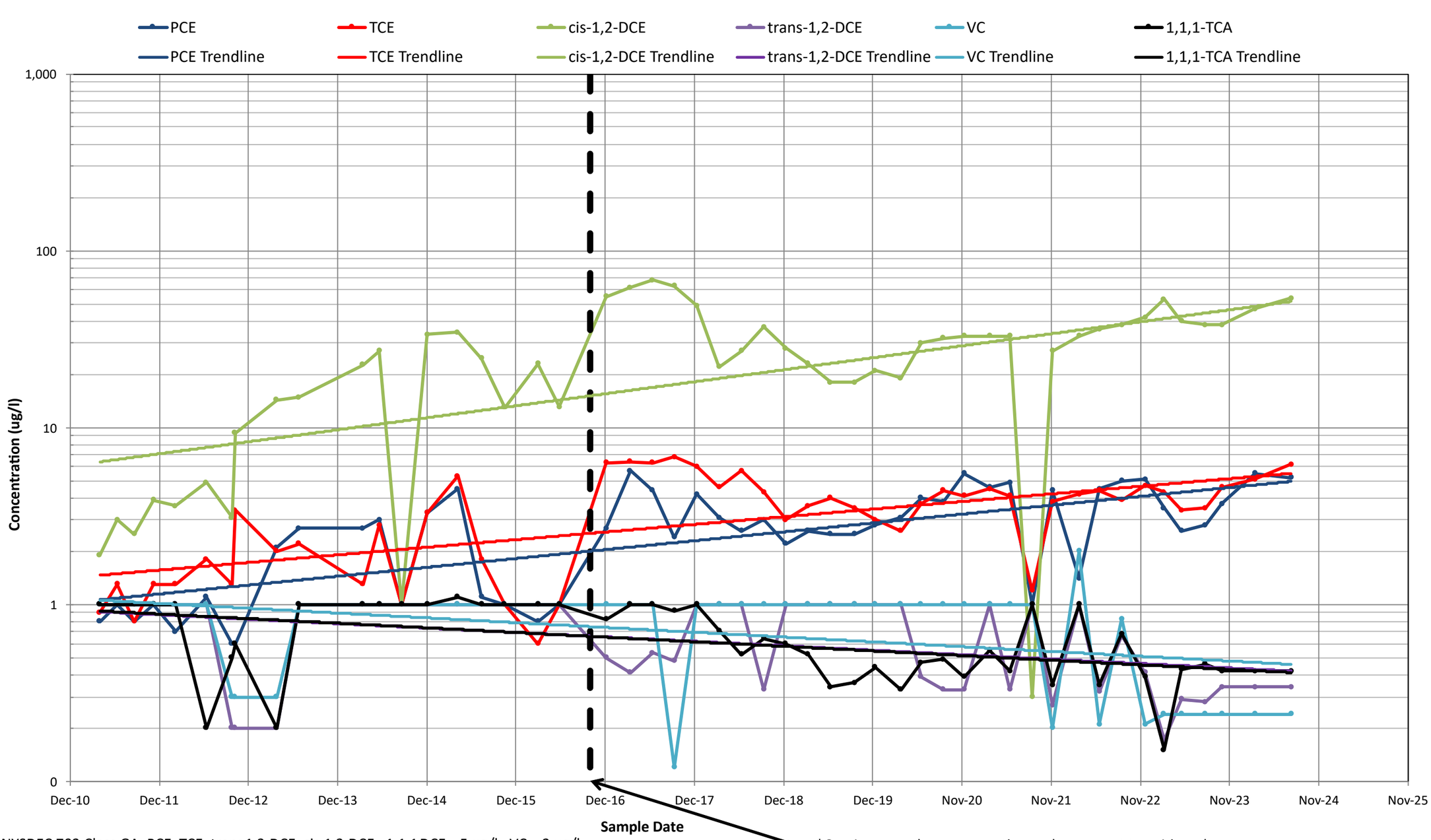
FIGURE 24

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_3Q2024\Claremont_Polychemical_3Q2024.aprx\Fig25-Chlorinated_VOC_MW-11A
PROJECT: 1940101703 | DATED: 9/25/2024 | 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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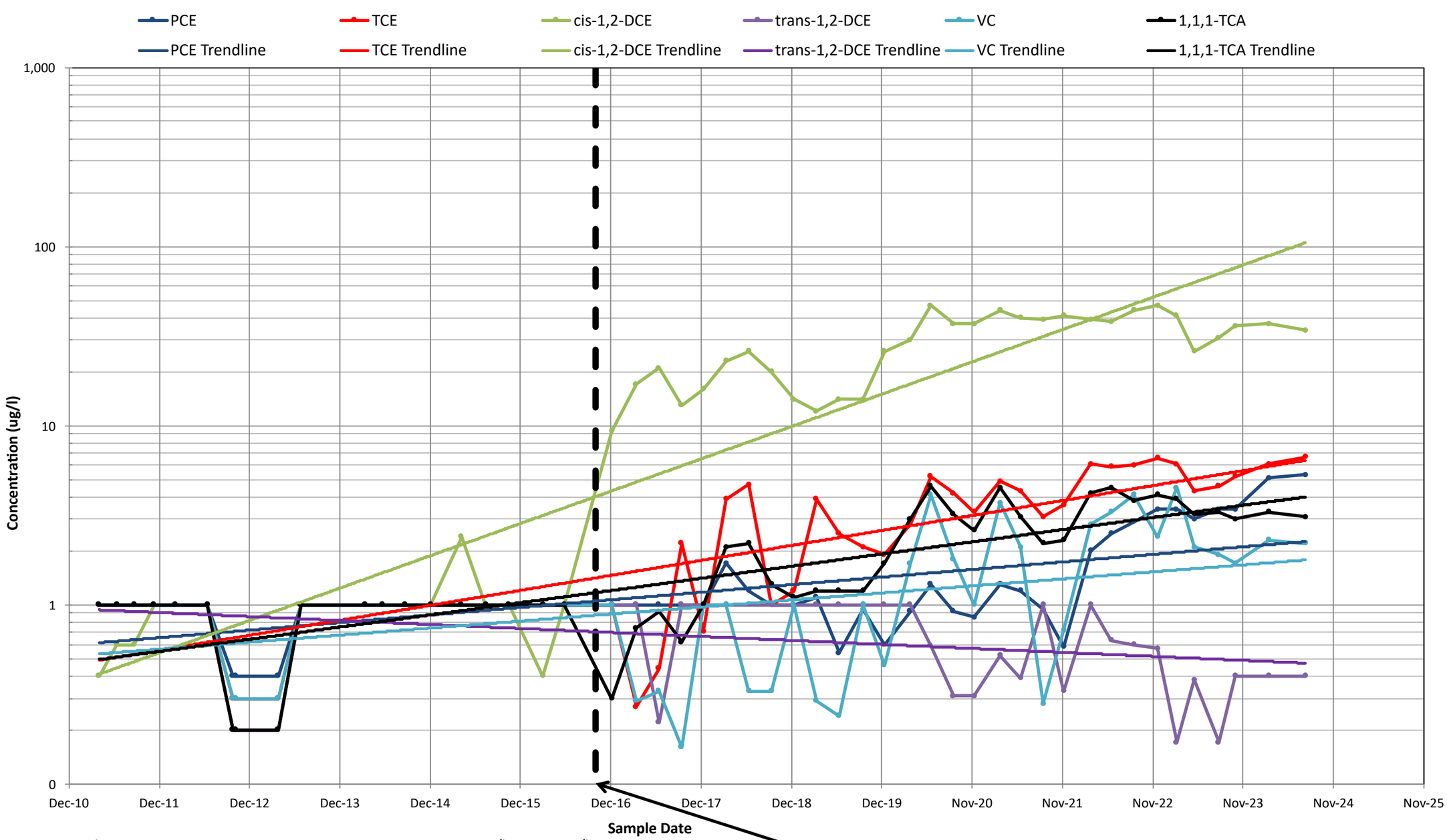
FIGURE 25

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_3Q2024\Claremont_Polychemical_3Q2024.aprx\Fig26-Chlorinated_VOC_MW-11B
PROJECT: 1940101703 | DATED: 9/25/2024 | 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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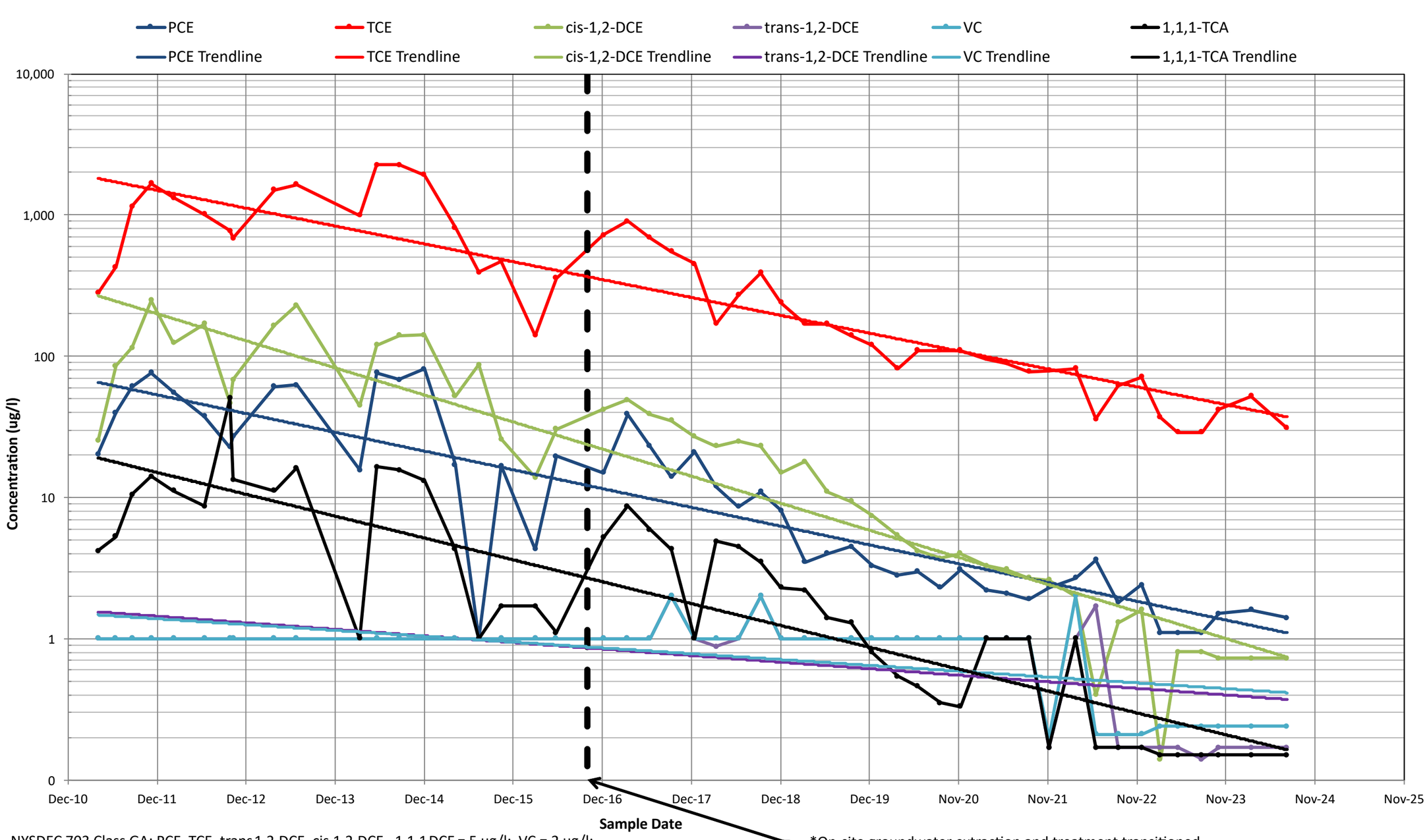
FIGURE 26

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_3Q2024\Claremont_Polychemical_3Q2024 aprx\Fig27-Chlorinated_VOC_MW-7B-R

PROJECT: 1940101703 | DATED: 9/25/2024 | 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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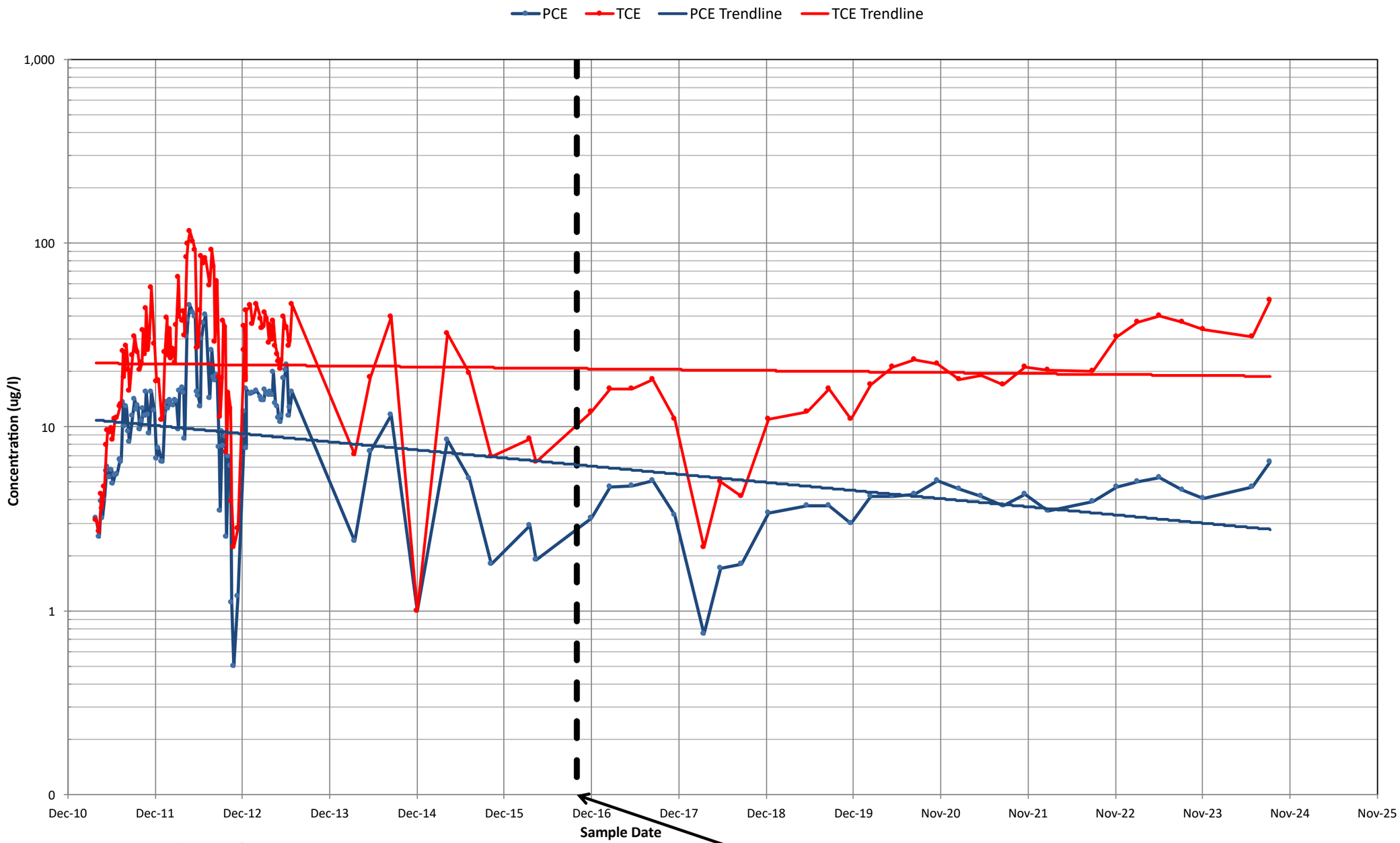
FIGURE 27

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_3Q2024\Claremont_Polychemical_3Q2024.aprxFig28-Chlorinated_VOC_RW-3
PROJECT: 1940101703 | DATED: 11/4/2024 | 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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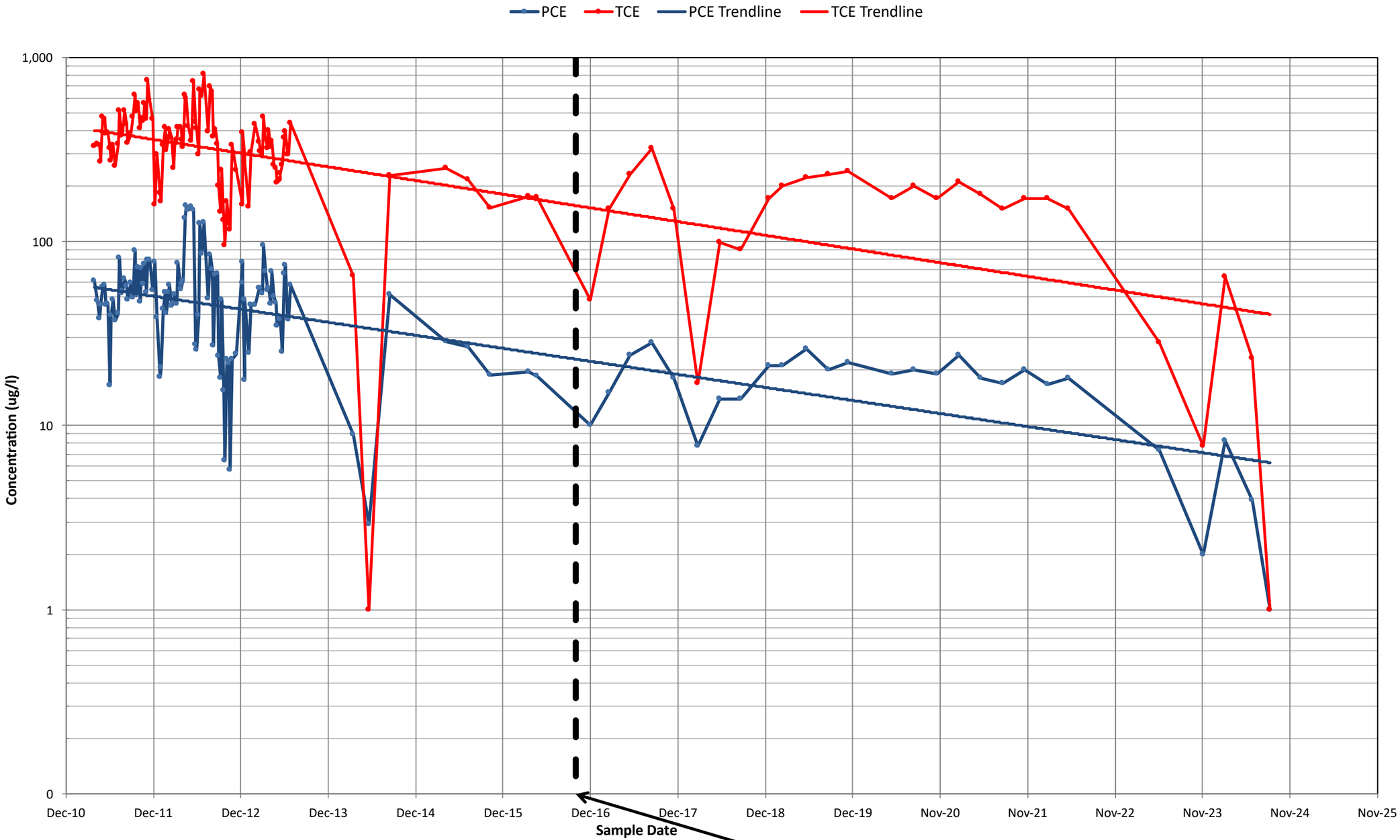
FIGURE 28

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_3Q2024\Claremont_Polychemical_3Q2024.aprxFig29-Chlorinated_VOC_RW-4
PROJECT: 1940101703 | DATED: 11/4/2024 | 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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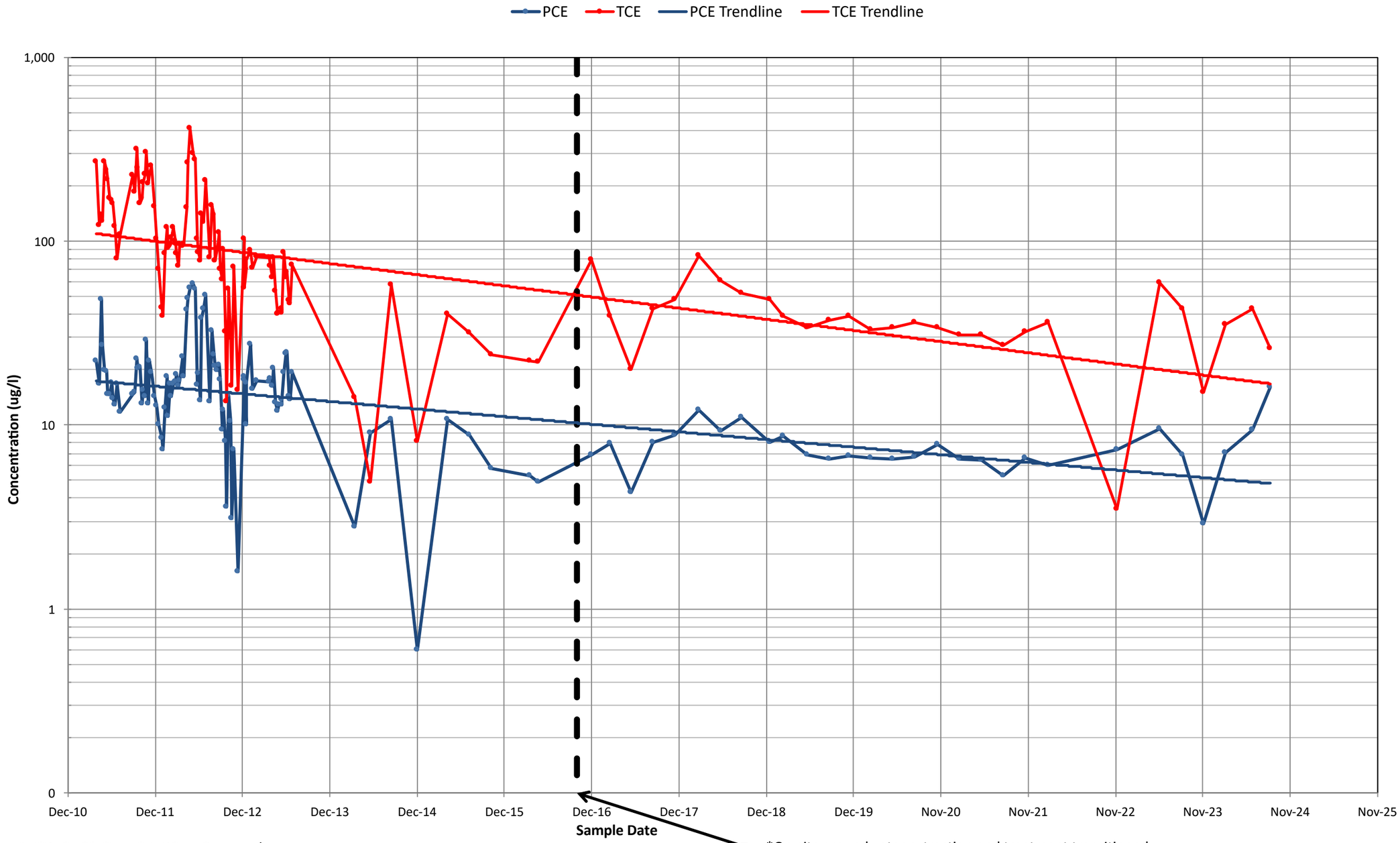
FIGURE 29

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_3Q2024\Claremont_Polychemical_3Q2024.aprxFig30-Chlorinated_VOC_RW-5
PROJECT: 1940101703 | DATED: 11/4/2024 | 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

CLAREMONT POLYCHEMICAL CORPORATION
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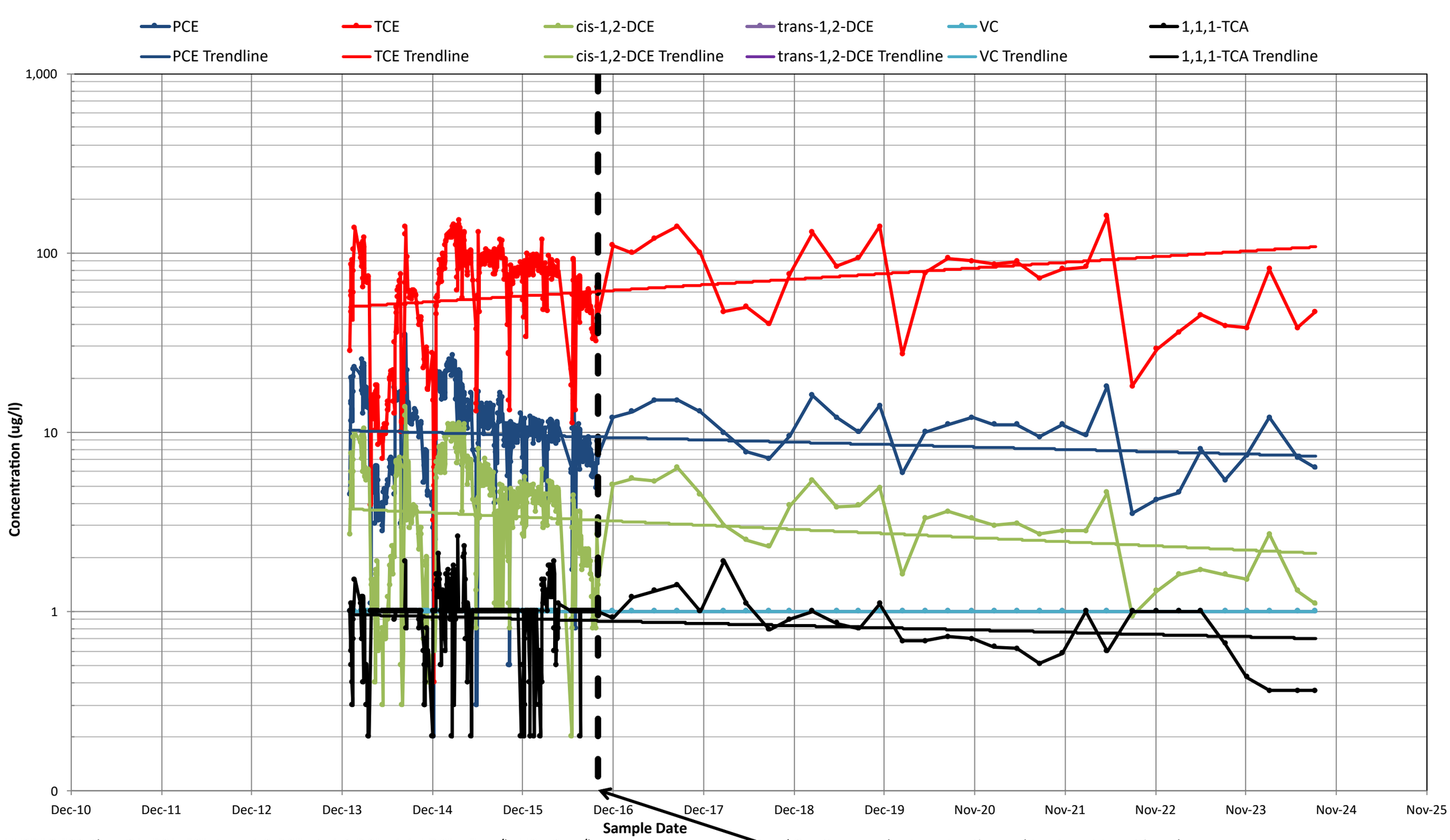
FIGURE 30

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_3Q2024\Claremont_Polychemical_3Q2024.aprx\Fig31-Chlorinated_VOC_OU-5_Influent
PROJECT: 1940101703 | DATED: 11/4/2024 | 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.

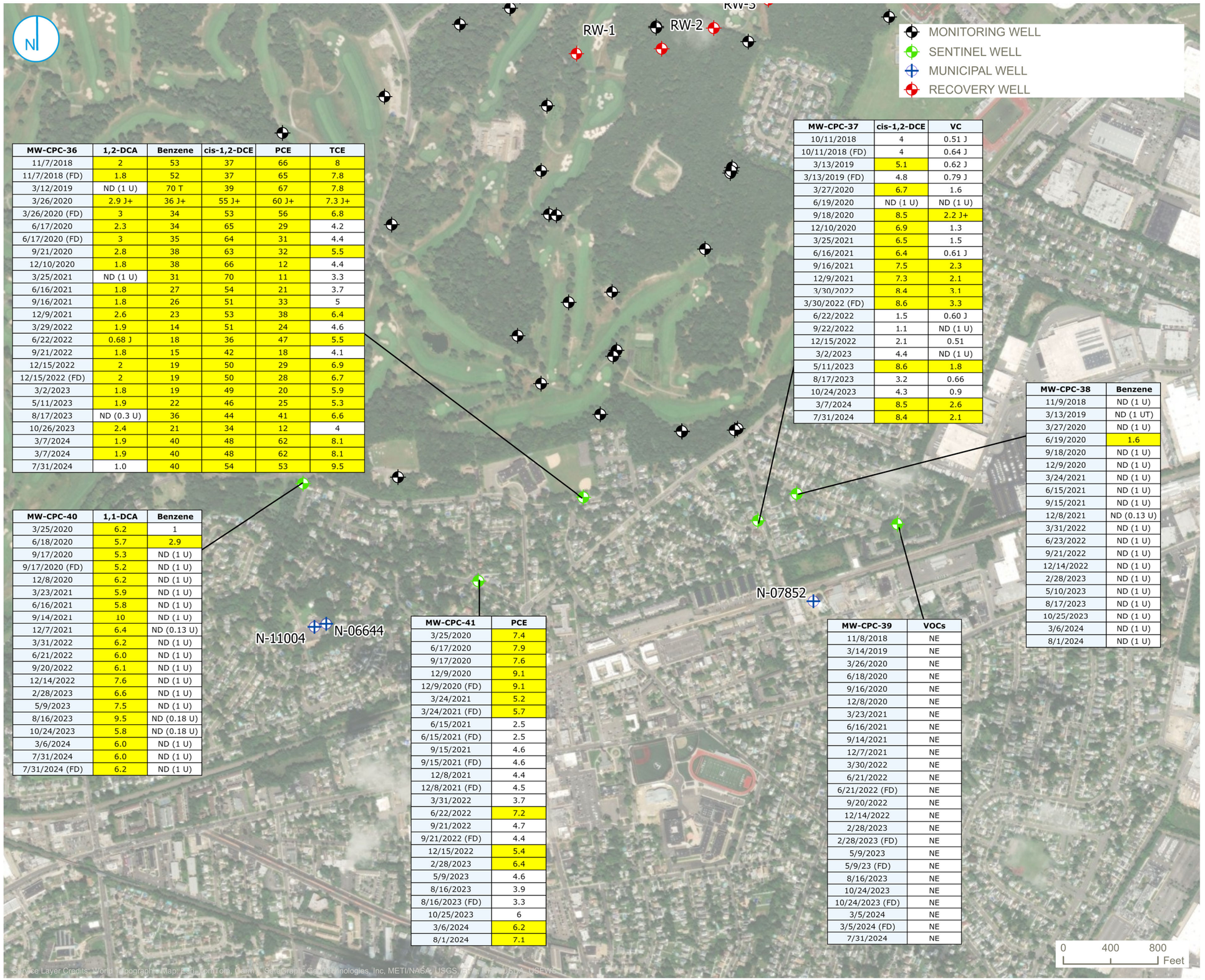
CHLORINATED VOC CONCENTRATIONS
WELL OU5 INFLUENT

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

FIGURE 31

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL



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

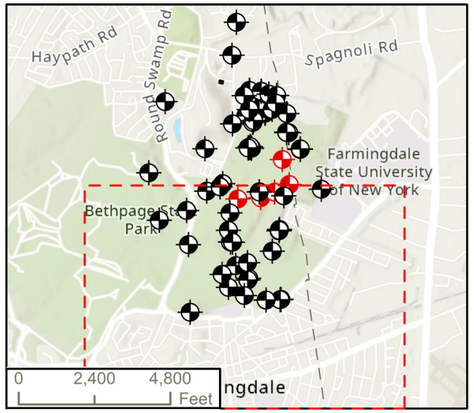
MW-CPC-37	cis-1,2-DCE	VC
10/11/2018	4	0.51 J
10/11/2018 (FD)	4	0.64 J
3/13/2019	5.1	0.62 J
3/13/2019 (FD)	4.8	0.79 J
3/27/2020	6.7	1.6
6/19/2020	ND (1 U)	ND (1 U)
9/18/2020	8.5	2.2 J+
12/10/2020	6.9	1.3
3/25/2021	6.5	1.5
6/16/2021	6.4	0.61 J
9/16/2021	7.5	2.3
12/9/2021	7.3	2.1
3/30/2022	8.4	3.1
3/30/2022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

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

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

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

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



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

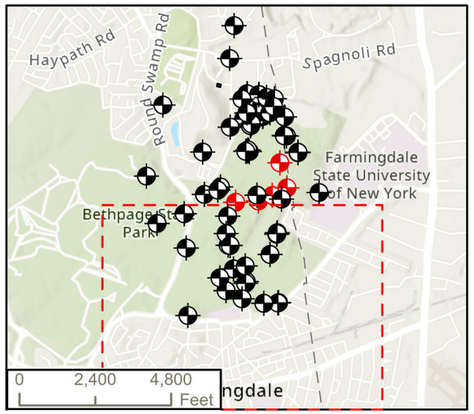
FIGURE 32

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

Service Layer Credits: World Topographic Map: Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, ... USDA, USFWS

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemica_3Q2024\Claremont_Polychemical_3Q2024.aprx\Fig32-VOC_Exceedances_Sentinel
PROJECT: 1940101703 | DATED: 9/25/2024 | DESIGNER: SSOULE



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

Monitoring Well Results Notes:

1. 1,4-Dioxane was compared to the NYSDEC "Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. Division of Water Technical and Operational Guidance Series (1.1.1)." Last updated February 2023. Criteria shown on table below.
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	0.35

0 350 700 Feet

1,4-DIOXANE EXCEEDANCES IN SENTINEL WELLS

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

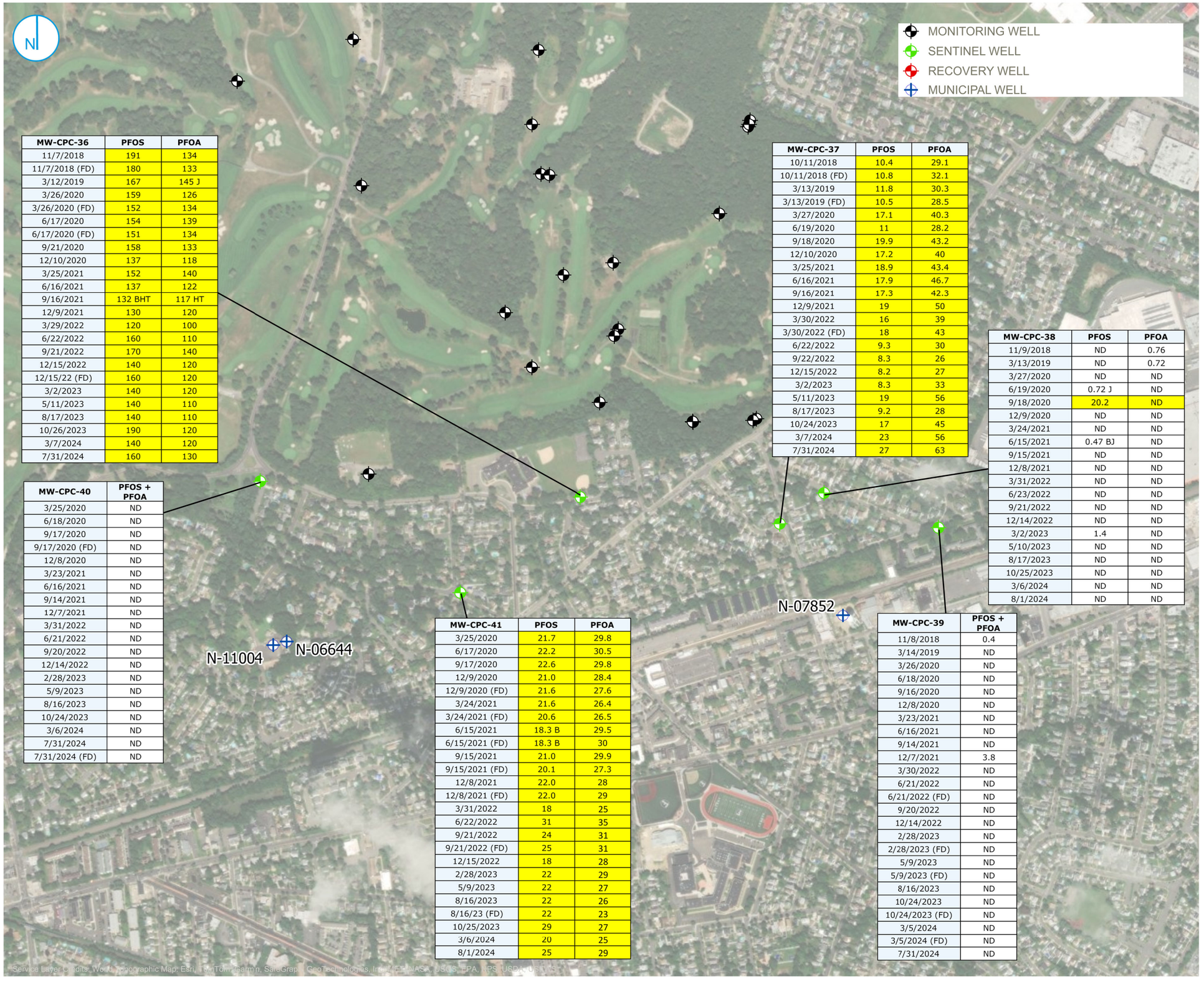
FIGURE 33

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_3Q2024\Claremont_Polychemical_3Q2024.aprx\Fig33-Dioxane_Exceedances_Sentinel

PROJECT: 1940101703 | DATED: 9/25/2024 | DESIGNER: SSOULE



MW-CPC-36	PFOS	PFOA
11/7/2018	191	134
11/7/2018 (FD)	180	133
3/12/2019	167	145 J
3/26/2020	159	126
3/26/2020 (FD)	152	134
6/17/2020	154	139
6/17/2020 (FD)	151	134
9/21/2020	158	133
12/10/2020	137	118
3/25/2021	152	140
6/16/2021	137	122
9/16/2021	132 BHT	117 HT
12/9/2021	130	120
3/29/2022	120	100
6/22/2022	160	110
9/21/2022	170	140
12/15/2022	140	120
12/15/22 (FD)	160	120
3/2/2023	140	120
5/11/2023	140	110
8/17/2023	140	110
10/26/2023	190	120
3/7/2024	140	120
7/31/2024	160	130

MW-CPC-37	PFOS	PFOA
10/11/2018	10.4	29.1
10/11/2018 (FD)	10.8	32.1
3/13/2019	11.8	30.3
3/13/2019 (FD)	10.5	28.5
3/27/2020	17.1	40.3
6/19/2020	11	28.2
9/18/2020	19.9	43.2
12/10/2020	17.2	40
3/25/2021	18.9	43.4
6/16/2021	17.9	46.7
9/16/2021	17.3	42.3
12/9/2021	19	50
3/30/2022	16	39
3/30/2022 (FD)	18	43
6/22/2022	9.3	30
9/22/2022	8.3	26
12/15/2022	8.2	27
3/2/2023	8.3	33
5/11/2023	19	56
8/17/2023	9.2	28
10/24/2023	17	45
3/7/2024	23	56
7/31/2024	27	63

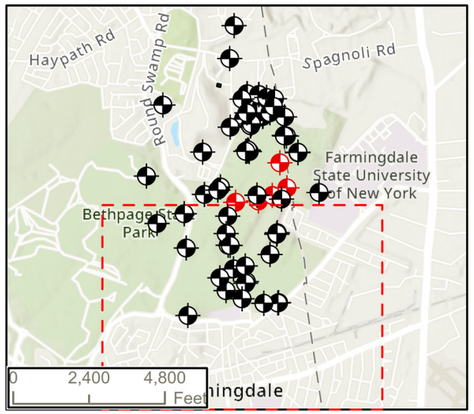
MW-CPC-38	PFOS	PFOA
11/9/2018	ND	0.76
3/13/2019	ND	0.72
3/27/2020	ND	ND
6/19/2020	0.72 J	ND
9/18/2020	20.2	ND
12/9/2020	ND	ND
3/24/2021	ND	ND
6/15/2021	0.47 BJ	ND
9/15/2021	ND	ND
12/8/2021	ND	ND
3/31/2022	ND	ND
6/23/2022	ND	ND
9/21/2022	ND	ND
12/14/2022	ND	ND
3/2/2023	1.4	ND
5/10/2023	ND	ND
8/17/2023	ND	ND
10/25/2023	ND	ND
3/6/2024	ND	ND
8/1/2024	ND	ND

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
5/9/2023	ND
8/16/2023	ND
10/24/2023	ND
3/6/2024	ND
7/31/2024	ND
7/31/2024 (FD)	ND

MW-CPC-41	PFOS	PFOA
3/25/2020	21.7	29.8
6/17/2020	22.2	30.5
9/17/2020	22.6	29.8
12/9/2020	21.0	28.4
12/9/2020 (FD)	21.6	27.6
3/24/2021	21.6	26.4
3/24/2021 (FD)	20.6	26.5
6/15/2021	18.3 B	29.5
6/15/2021 (FD)	18.3 B	30
9/15/2021	21.0	29.9
9/15/2021 (FD)	20.1	27.3
12/8/2021	22.0	28
12/8/2021 (FD)	22.0	29
3/31/2022	18	25
6/22/2022	31	35
9/21/2022	24	31
9/21/2022 (FD)	25	31
12/15/2022	18	28
2/28/2023	22	29
5/9/2023	22	27
8/16/2023	22	26
8/16/23 (FD)	22	23
10/25/2023	29	27
3/6/2024	20	25
8/1/2024	25	29

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
5/9/2023	ND
5/9/2023 (FD)	ND
8/16/2023	ND
10/24/2023	ND
10/24/2023 (FD)	ND
3/5/2024	ND
3/5/2024 (FD)	ND
7/31/2024	ND

Service Layer Credits: World Topographic Map: Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, USFWS



Monitoring Well Results Notes:

1. PFOS and PFOA were compared to the NYSDEC "Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. Division of Water Technical and Operational Guidance Series (1.1.1)." Last updated February 2023.
2. Only compounds with exceedances are shown. If the compound is not shown it was not detected above the criteria.
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)	2.7
Perfluorooctanoic acid (PFOA)	6.7

0 350 700 Feet

PFAS EXCEEDANCES IN SENTINEL WELLS

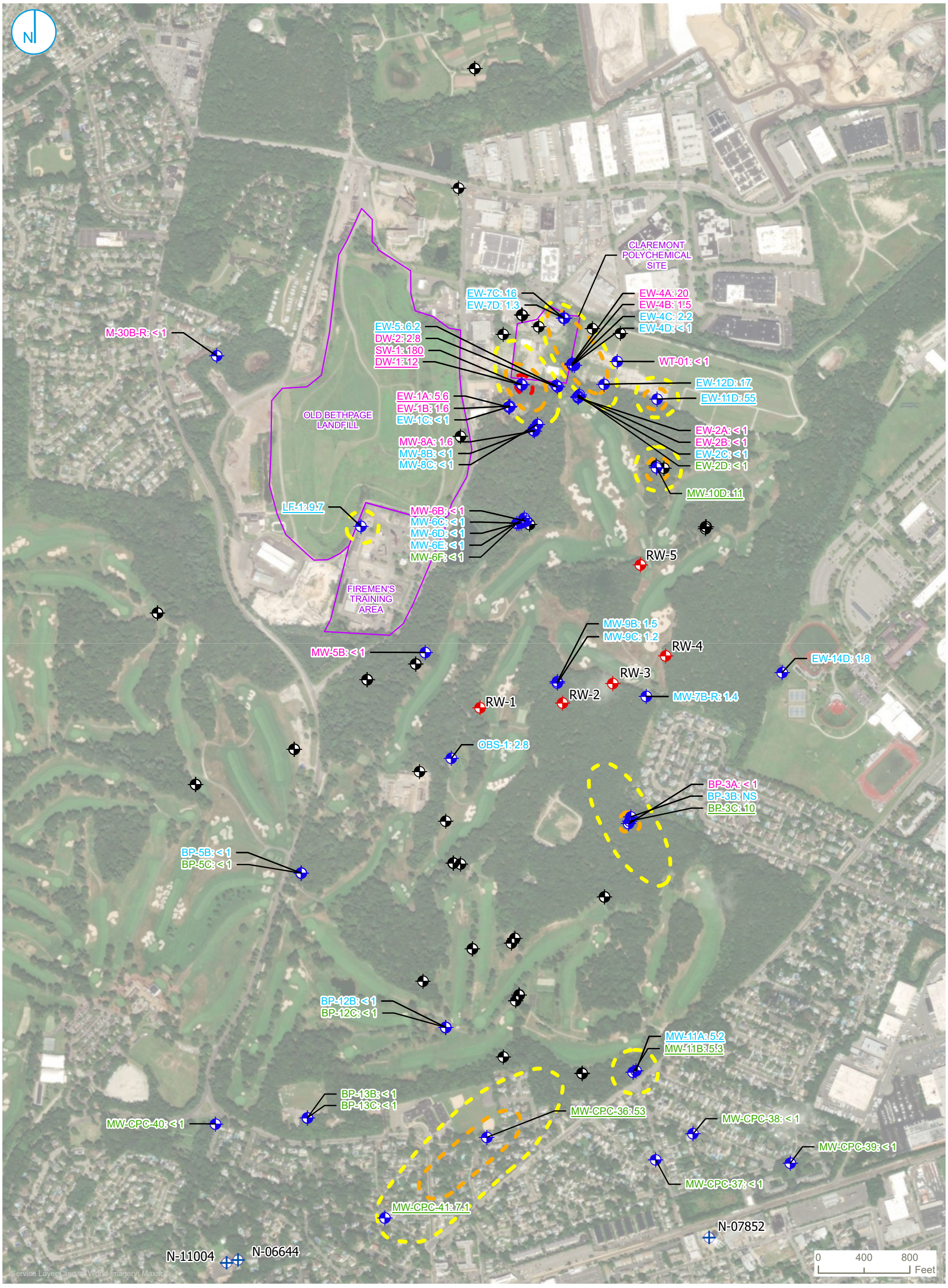
CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

FIGURE 34

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

K:\NYS-DEC.1087815\Standards\GIS\ClaremontPro\Claremont_Polychemical_3Q2024\Claremont_Polychemical_3Q2024.aprx\Fig34-PFAS_Exceedances_Sentinel
PROJECT: 1940101703 | DATED: 9/25/2024 | 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).
NS - Not sampled.
-- Underline indicates exceedance of groundwater standard (5 ug/L).
-- Maximum concentration of parent-duplicate pair shown.

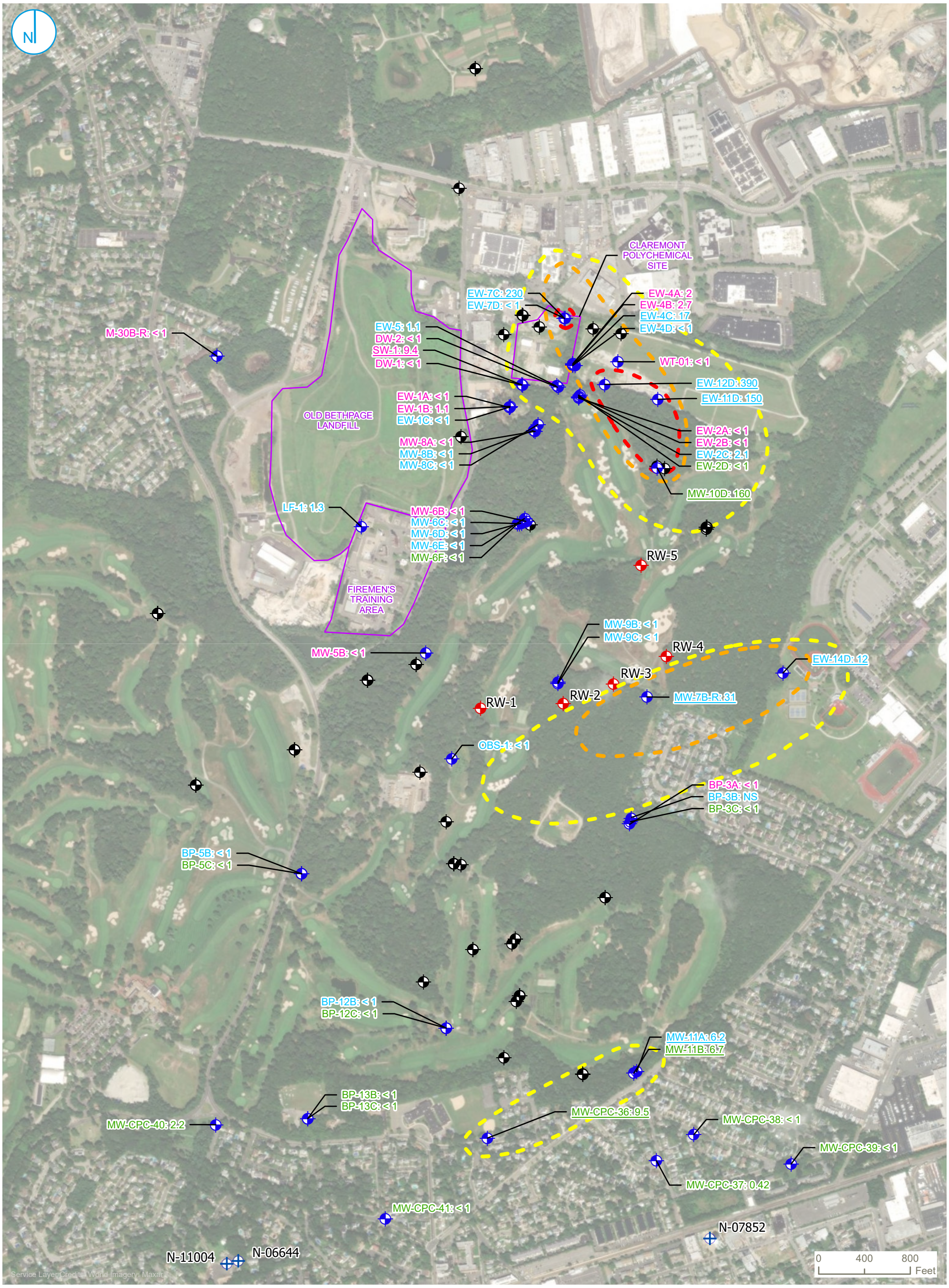
AQUIFER POSITION
UPPER MAGOTHY
MIDDLE MAGOTHY
LOWER MAGOTHY

JULY 2024 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).
NS - Not sampled.
-- Underline indicates exceedance of groundwater standard (5 ug/L).
-- Maximum concentration of parent-duplicate pair shown.

AQUIFER POSITION
UPPER MAGOTHY
MIDDLE MAGOTHY
LOWER MAGOTHY

JULY 2024 TRICHLOROETHENE (TCE) PLUME

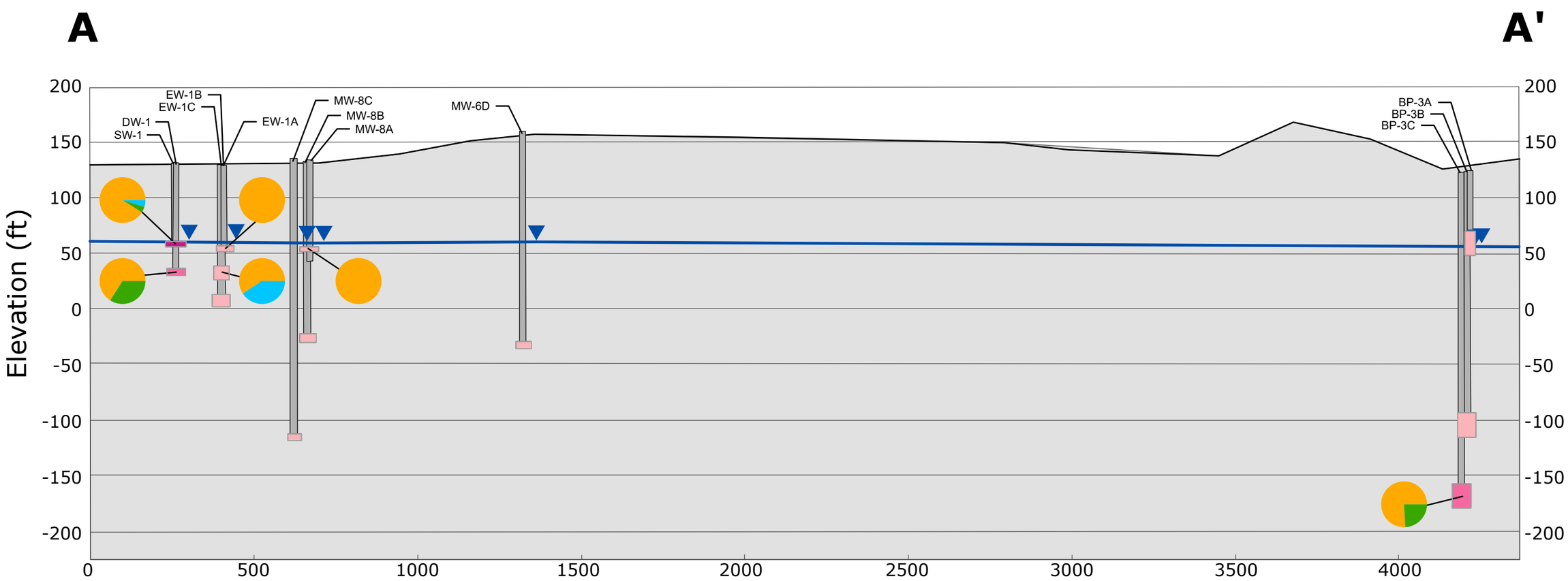
CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

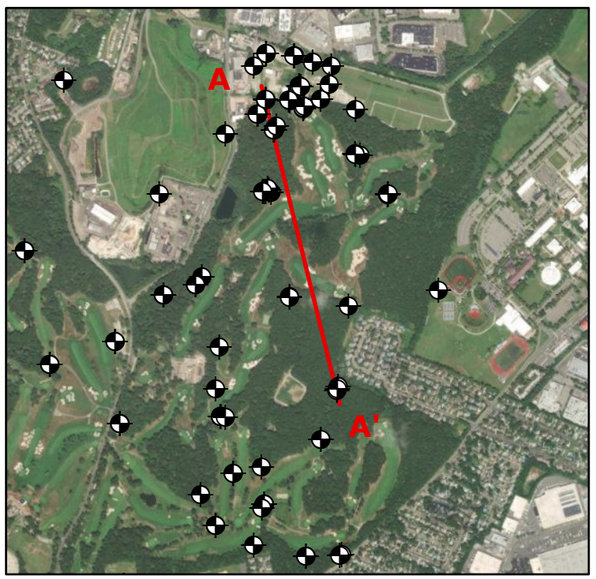
FIGURE 36

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_3Q2024\Claremont_Polychemical_3Q2024.aprx\Fig37-Cross_Section_Transect_A

PROJECT: 1940101703 | DATED: 9/25/2024 | DESIGNER: SSOULE

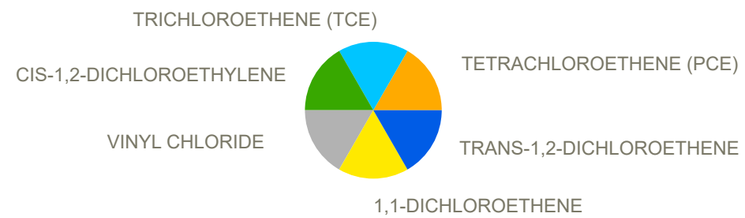




Casing
Screen Interval
Groundwater Elevation (ft amsl)

Sum of CVOCs (ug/L)

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



Notes

- Samples collected during Q3 2024.
- 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

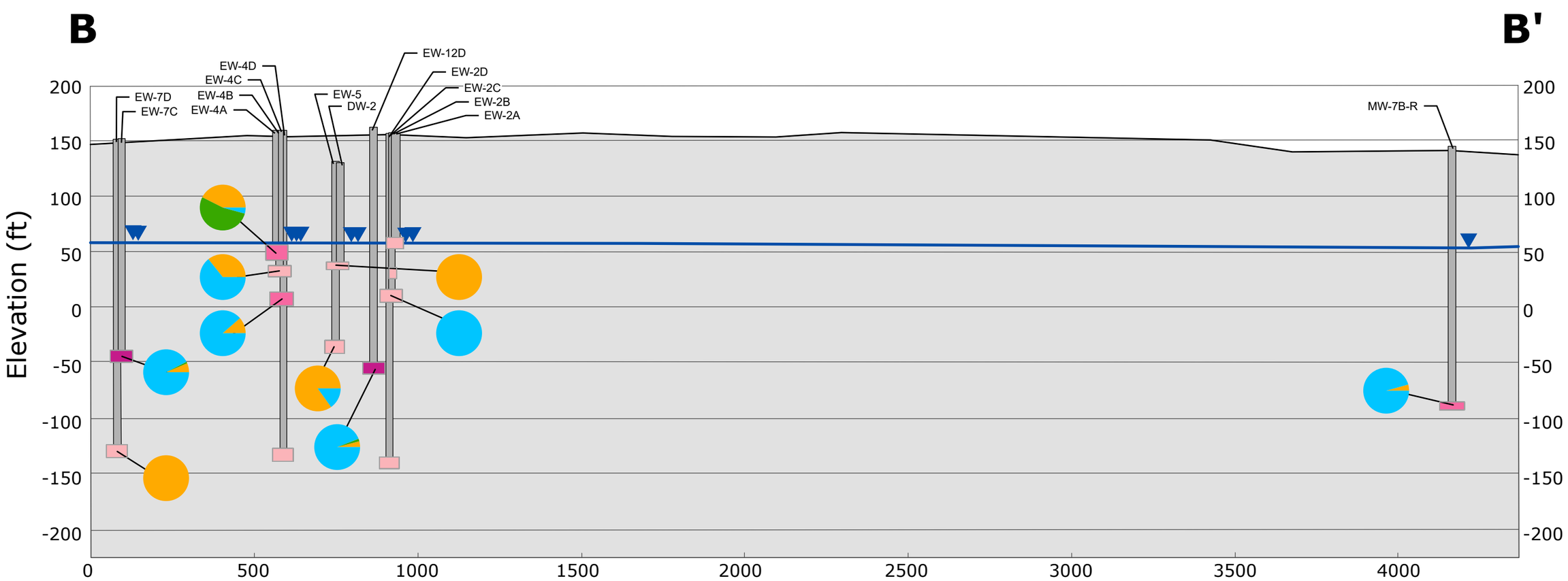
FIGURE 37

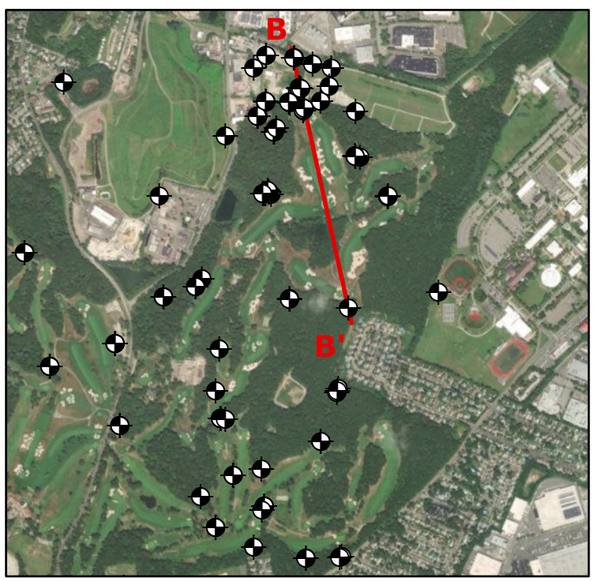
RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

K:\NYS-DEC.1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_3Q2024\Claremont_Polychemical_3Q2024.aprx\Fig38-Cross_Section_Transect_B

PROJECT: 1940101703 | DATED: 9/26/2024 | DESIGNER: SSOULE

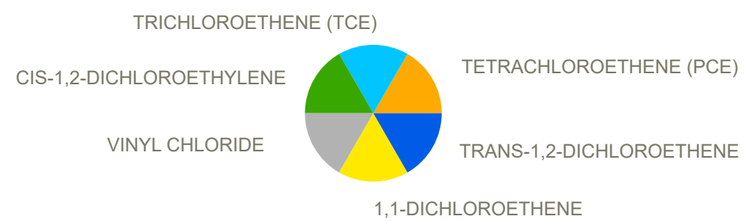




Casing
Screen Interval
Groundwater Elevation (ft amsl)

Sum of CVOCs (ug/L)

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



Notes

- Samples collected during Q3 2024.
- 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.

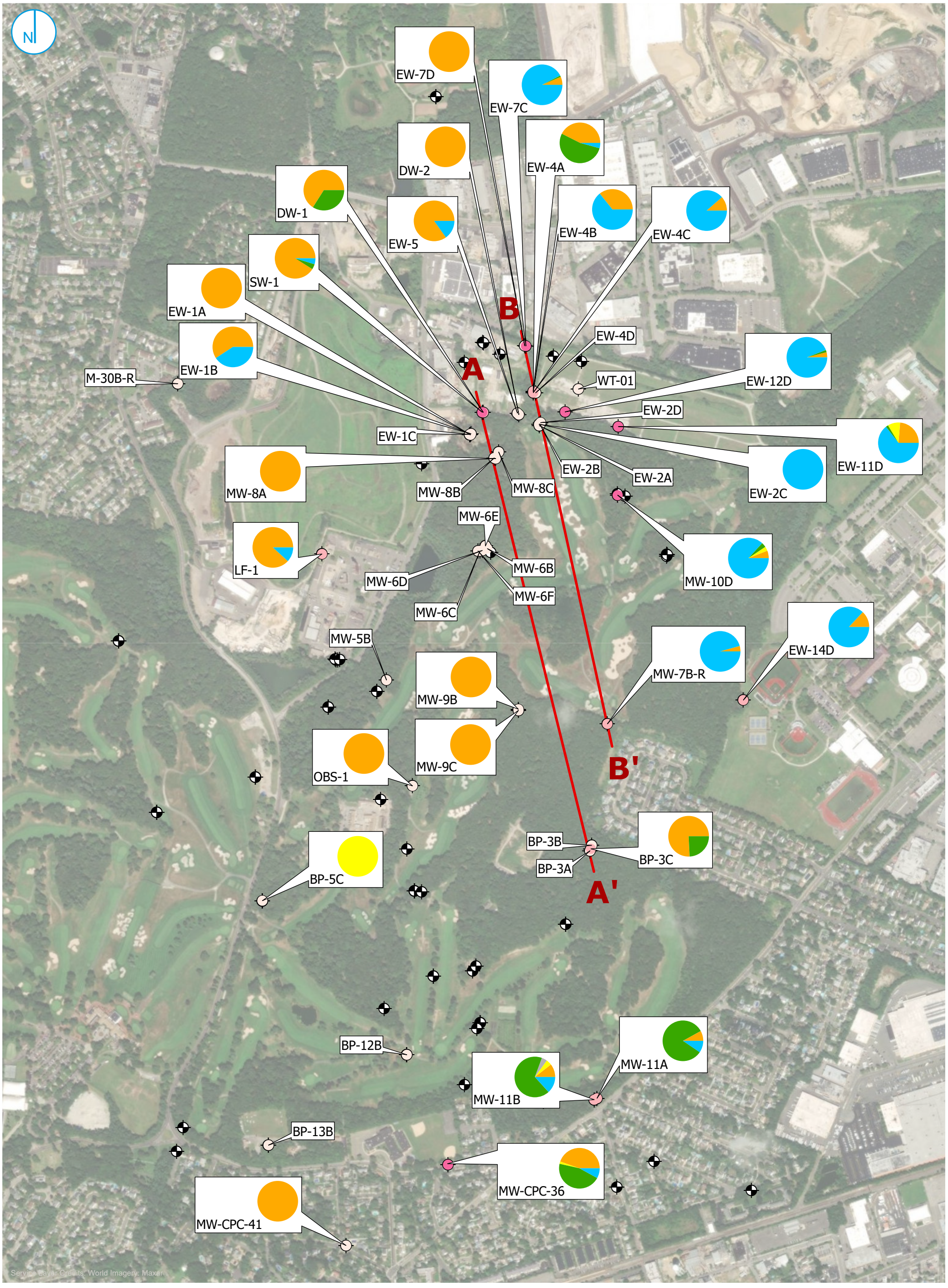
CROSS SECTION TRANSECT B

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-DICHLOROETHYLENE
1,1-DICHLOROETHENE

0 400 800 Feet

Notes

- Samples collected during Q3 2024.
- 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
JULY 30, 2024

Recording Date:			7/30/2024	**Recorded by:**		RB, SH, CI, GS
Well	**1Q 2024 Depth to Water Reading (ft)**	**Time**	**Measuring Point Elevation (ft AMSL)**	**3Q 2024 Depth to Water Reading (ft)**	**Water Elevation (ft AMSL)**	**Comments**
BP-1A	47.12	10:16	109.77	44.56	**65.21**	
BP-1B	46.50	10:14	109.53	44.33	**65.20**	
BP-1C	46.67	10:12	109.37	44.31	**65.06**	
BP-2A	87.79	12:53	151	84.73	**66.27**	
BP-2B*	87.61	12:56	151.13	84.54	**66.59**	
BP-3A	63.68	7:50	124.16	59.43	**64.73**	
BP-3B	65.19	7:55	123.19	62.90	**60.29**	
BP-3C	65.37	7:53	123.91	63.12	**60.79**	
BP-4A	32.9	11:56	92.69	30.65	**62.04**	
BP-4B*	32.17	11:54	91.92	30.00	**61.92**	
BP-4C*	32.31	--	91.68	-	-	Poison ivy, no access
BP-4I	30.10	--	92.1	-	-	Poison ivy, no access
BP-5A	**-**	11.15	96.34	33.97	**62.37**	
BP-5B	36.38	9:36	96.48	34.27	**62.21**	
BP-5C	36.36	9:34	96.28	34.40	**61.88**	
BP-6A	40.18	--	102.55	-	-	Poison ivy, no access
BP-6B	40.39	10:48	102.58	38.24	**64.34**	
BP-6C	-	--	102.35	**-**	**-**	Poison ivy, no access
BP-7A	83.35	10:59	147.54	80.46	**67.08**	
BP-7B	84.61	10:57	148.76	81.92	**66.84**	
BP-7C	84.29	10:55	148.4	81.79	**66.61**	
BP-8A	27.59	10:33	89.88	25.41	**64.47**	
BP-8B	27.60	10:31	89.82	26.02	**63.80**	
BP-8C	28.21	10:29	89.53	25.26	**64.27**	
BP-9B*	26.88	12:10	85.09	25.03	**60.06**	
BP-9C*	27.62	12:06	84.88	26.44	**58.44**	
BP-9I	26.94	12:08	85.18	25.07	**60.11**	
BP-10B*	24.37	12:37	81.21	22.79	**58.42**	
BP-10C*	25.67	12:40	80.94	24.81	**56.13**	
BP-11	**-**	**-**	81.76	**-**	**-**	Well buried
BP-12A*	20.45	12:20	78.33	18.78	**59.55**	
BP-12B	20.44	9:52	78.24	19.20	**59.04**	
BP-12C	21.66	9:54	78.56	20.70	**57.86**	
BP-13B	76.93	12:50	133.37	75.62	**57.75**	
BP-13C	78.01	12:45	133.67	76.90	**56.77**	
BP-14B*	23.09	11:23	81.50	21.24	**60.26**	
BP-14C*	23.58	11:25	81.48	22.05	**59.43**	
BP-15B	39.68	11:43	98.38	37.60	**60.78**	
BP-15C	39.35	11:41	98.45	37.62	**60.83**	
DW-1	66.69	13:32	130.13	63.55	**66.58**	
DW-2	71.71	13:45	135.52	69.40	**66.12**	
EW-1A	65.36	13:41	128.75	62.27	**66.48**	
EW-1B	65.90	13:40	129.31	62.95	**66.36**	
EW-1C	65.93	13:39	129.16	63.05	**66.11**	
EW-2A	93.52	8:40	156.09	90.50	**65.59**	
EW-2B	93.75	8:36	156.5	90.50	**66.0**	
EW-2C	93.75	8:38	156.5	90.70	**65.8**	
EW-2D	94.31	8:34	157.12	97.10	**60.02**	
EW-3A	97.61	8:08	157.88	94.10	**63.78**	

ATTACHMENT A
CLAREMONT POLYCHEMICAL CORPORATION SITE
WATER LEVEL MEASUREMENTS
JULY 30, 2024

Recording Date:			7/30/2024	**Recorded by:**		RB, SH, CI, GS
Well	**1Q 2024 Depth to Water Reading (ft)**	**Time**	**Measuring Point Elevation (ft AMSL)**	**3Q 2024 Depth to Water Reading (ft)**	**Water Elevation (ft AMSL)**	**Comments**
EW-3B	97.63	8:10	157.99	94.35	**63.64**	
EW-3C	97.51	8:09	157.87	93.41	**64.46**	
EW-4A	97.35	10:50	160.58	93.41	**67.17**	
EW-4B	97.37	10:49	160.59	94.30	**66.29**	
EW-4C	97.14	10:47	160.33	94.10	**66.23**	
EW-4D	97.42	10:48	160.62	94.70	**65.92**	
EW-5	71.91	13:47	135.05	69.20	**65.85**	
EW-6A	64.83	-	128.92	-	-	Not accessible
EW-6C	64.64	-	129.02	-	-	Not accessible
EW-7C	88.67	14:02	152.45	85.90	**66.55**	
EW-7D	88.57	14:04	152.35	86.00	**66.35**	
EW-8D	66.32	13:58	130.21	63.75	**66.46**	
EW-9D	72.41	14:00	136.2	69.75	**66.45**	
EW-10C	96.16	10:52	159.8	93.23	**66.57**	
EW-11D	101.89	10:39	164.17	99.10	**65.07**	
EW-12D	100.66	10:45	163.34	97.80	**65.54**	
EW-13D	100.47	10:56	163.61	98.11	**65.5**	
EW-14D	42.04	10:36	100.58	39.40	**61.18**	
LF-1	46.47	12:30	109.83	43.62	**66.21**	
LF-2	53.96	12:15	117.18	51.20	**65.98**	
M-30BR	86.59	12:08	153.07	84.73	**68.34**	
MW-5B	74.75	9:20	136.99	71.55	**65.44**	
MW-6A	97.12	-	158.83	-	-	Insufficient water
MW-6B	97.19	9:05	159.02	95.92	**63.1**	
MW-6C	96.64	9:02	158.65	96.71	**61.94**	
MW-6D	97.14	9:04	159.01	97.33	**61.68**	
MW-6E	97.68	9:00	159.54	96.33	**63.21**	
MW-6F	96.95	9:07	158.71	96.24	**62.47**	
MW-7BR	87.75	7:40	146.27	85.47	**60.8**	
MW-8A	71.53	8:50	133.52	67.66	**65.86**	
MW-8B	70.13	8:47	132.84	67.23	**65.61**	
MW-8C	70.85	8:46	134.27	68.82	**65.45**	
MW-9B	92.21	7:37	151.78	90.20	**61.58**	
MW-9C	92.51	7:35	151.97	90.05	**61.92**	
MW-10B	98.62	8:17	159.9	95.34	**64.56**	
MW-10C	97.63	8:21	158.89	94.52	**64.37**	
MW-10D	98.24	8:23	159.67	95.15	**64.52**	
MW-11A	23.32	10:11	78.71	21.64	**57.07**	
MW-11B	23.13	10:12	78.43	21.43	**57.00**	
MW-CPC-36	20.99	13:20	75.93	19.60	**56.33**	
MW-CPC-37	25.19	13:07	77.87	24.45	**53.42**	
MW-CPC-38	26.11	13:11	78.91	25.40	**53.51**	
MW-CPC-39	23.30	13:15	75.25	22.80	**52.45**	
MW-CPC-40	55.94	12:40	110	54.75	**55.25**	
MW-CPC-41	18.70	12:58	72.6	17.50	**55.1**	
OBS-1	49.20	9:30	109.03	46.73	**62.3**	
OBV-1B	89.57	9:53	157.26	86.91	**70.35**	
OBV-1C	89.2	9:55	156.69	87.48	**69.21**	
ORW-1[a]	**-**	**-**	147.68	**-**	**-**	Vault door jammed

ATTACHMENT A
CLAREMONT POLYCHEMICAL CORPORATION SITE
WATER LEVEL MEASUREMENTS
JULY 30, 2024

Recording Date:			7/30/2024	**Recorded by:**		RB, SH, CI, GS
Well	**1Q 2024 Depth to Water Reading (ft)**	**Time**	**Measuring Point Elevation (ft AMSL)**	**3Q 2024 Depth to Water Reading (ft)**	**Water Elevation (ft AMSL)**	**Comments**
ORW-2[a]	37.75	-	97.88	-	-	Vault door blocked
ORW-3[a]	31.51	10:25	91.39	29.62	**61.77**	
ORW-4[a]	30.1	11:32	88.88	28.11	**60.77**	
ORW-5A[a]	42.38	10:00	100.38	40.58	**59.80**	
ORW-6[a]	25.00	12:15	83.42	23.51	**59.91**	
ORW-7[a]	18.56	-	76.14	-	-	Vault door blocked
RB-1	68.04	-	135.02	-	-	Vault flooded
SW-1	66.36	13:31	130.24	63.70	**66.54**	
UM-1	-	-	115.64	-	-	Not accessible
U-6A	-	-	153.94	-	-	Leak in casing
W-7A	40.49	9:49	104.44	37.68	**66.76**	
W-7B	41.19	9:47	104.55	38.54	**66.01**	
W-7C	41.37	9:51	104.68	38.78	**65.90**	
W-7D	41.75	9:45	104.58	39.19	**65.39**	
WT-01	100.32	11:00	163.28	97.25	**66.03**	

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

ATTACHMENT B
SUMMARY OF ANALYTICAL RESULTS

Attachment B
Summary of Analytical Results
July/August 2024 (3Q2024) Sampling Event
Claremont Polychemical Superfund Site OU5
Old Bethpage, NY

			71-55-6	79-34-5	76-13-1	79-00-5	75-34-3	75-35-4	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	108-67-8	541-73-1	106-46-7	591-78-6	99-87-6
			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	1	5	5	5	0.04	5	5	0.04	0.0006	3	0.6	1	5	3	3	50	5
Sample Description	Date Collected	Sample Type	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	1,2,3-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-Trimethylbenzene	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2-HEXANONE	4-Isopropyltoluene
BP-12B	8/7/2024	N	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 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	< 10 U	< 1 U
BP-12C	8/7/2024	N	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 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	< 10 U	< 1 U
BP-13B	8/6/2024	N	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 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	< 10 U	< 1 U
BP-13C	8/6/2024	N	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 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	< 10 U	< 1 U
BP-3A	8/6/2024	N	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 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	< 10 U	< 1 U
BP-3C	8/6/2024	N	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 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	< 10 U	< 1 U
BP-5B	8/6/2024	N	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 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	< 10 U	< 1 U
BP-5C	8/6/2024	N	**1.2**	< 0.5 U	< 1 U	< 1 U	**4.3**	**1.1**	< 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	< 10 U	< 1 U
DW-1	8/5/2024	N	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 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	< 10 U	< 1 U
DW-2	8/5/2024	FD	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 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	< 10 U	< 1 U
DW-2	8/5/2024	N	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 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	< 10 U	< 1 U
EW-11D	8/7/2024	N	**10**	< 0.5 U	< 1 U	< 1 U	**3.3**	**23**	< 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	< 10 U	< 1 U
EW-12D	8/7/2024	N	< 5 U	< 2.5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 25 U	< 10 U	< 5 U	< 5 U	< 25 U	< 2.5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 50 U	< 5 U
EW-14D	8/5/2024	N	**1.2**	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 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	< 10 U	< 1 U
EW-1A	8/5/2024	N	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 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	< 10 U	< 1 U
EW-1B	8/5/2024	N	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 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	< 10 U	< 1 U
EW-1C	8/5/2024	N	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 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	< 10 U	< 1 U
EW-2A	8/6/2024	N	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 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	< 10 U	< 1 U
EW-2B	8/6/2024	N	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 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	< 10 U	< 1 U
EW-2C	8/6/2024	N	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 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	< 10 U	< 1 U
EW-2D	8/6/2024	N	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 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	< 10 U	< 1 U
EW-4A	8/7/2024	N	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 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	< 10 U	< 1 U
EW-4B	8/7/2024	N	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 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	< 10 U	< 1 U
EW-4C	8/7/2024	N	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 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	< 10 U	< 1 U
EW-4D	8/7/2024	N	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 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	< 10 U	< 1 U
EW-5	8/5/2024	N	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 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	< 10 U	< 1 U
EW-7C	8/6/2024	N	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 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	< 10 U	< 1 U
EW-7D	8/6/2024	N	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 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	< 10 U	< 1 U
LF-1	8/5/2024	N	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 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	< 10 U	< 1 U
M-30B-R	8/6/2024	N	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 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	< 10 U	< 1 U
MW-10D	8/6/2024	N	**3.0**	< 0.5 U	< 1 U	< 1 U	**1.6**	**6.2**	< 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	< 10 U	< 1 U
MW-11A	8/7/2024	N	< 1 U	< 0.5 U	< 1 U	< 1 U	**6.3**	< 1 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	< 10 U	< 1 U
MW-11B	8/7/2024	N	**3.1**	< 0.5 U	**1.2**	< 1 U	**19**	**2.3**	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	**1.5**	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 1 U
MW-5B	8/6/2024	N	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 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	< 10 U	< 1 U
MW-6B	8/6/2024	N	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 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	< 10 U	< 1 U
MW-6C	8/6/2024	N	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 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	< 10 U	< 1 U
MW-6D	8/6/2024	FD	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**1.1**	< 10 U	< 1 U
MW-6D	8/6/2024	N	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 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	< 10 U	< 1 U
MW-6E	8/6/2024	N	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 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	< 10 U	< 1 U
MW-6F	8/6/2024	N	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 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	< 10 U	< 1 U
MW-7B-R	8/6/2024	N	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 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	< 10 U	< 1 U
MW-8A	8/6/2024	N	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 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	< 10 U	< 1 U
MW-8B	8/6/2024	N	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 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	< 10 U	< 1 U
MW-8C	8/6/2024	N	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 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	< 10 U	< 1 U
MW-9B	8/5/2024	N	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 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	< 10 U	< 1 U
MW-9C	8/5/2024	N	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 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	< 10 U	< 1 U
MW-CPC-36	7/31/2024	N	**1.7**	< 0.5 U	< 1 U	< 1 U	**1.0**	**2.2**	< 5 U	< 2 U	< 1 U	< 1 U	< 5 U	< 0.5 U	< 1 U	**2.4**	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 1 U
MW-CPC-37	7/31/2024	N	< 1 U	< 0.5 U	< 1 U	< 1 U	**2.2**	< 1 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	< 10 U	< 1 U
MW-CPC-38	8/1/2024	N	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 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	< 10 U	< 1 U
MW-CPC-39	7/31/2024	N	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 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	< 10 U	< 1 U
MW-CPC-40	7/31/2024	N	**1.8**	< 0.5 U	< 1 U	< 1 U	**6.2**	**1.4**	< 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	< 10 U	< 1 U
MW-CPC-41	8/1/2024	N	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 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	< 10 U	< 1 U
OBS-1	8/5/2024	N	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 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	< 10 U	< 1 U
SW-1	8/5/2024	N	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 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	< 10 U	< 1 U
WT-01	8/7/2024	N	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 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	< 10 U	< 1 U

Notes:
U - not detected
D - sample was diluted
J - detected but below reporting limit
NC - no criteria
Bold indicates compound detected
Values in yellow cells exceed criteria
N/A - indicates reported value not provided by analyzing laboratory
Values in shaded cells exceed TOGS 1.1.1 Class GA standard or guidance value.
ug/L - micrograms per liter
V-05 - Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Attachment B
Summary of Analytical Results
July/August 2024 (3Q2024) Sampling Event
Claremont Polychemical Superfund Site OU5
Old Bethpage, NY

			67-64-1	71-43-2	74-97-5	75-27-4	75-25-2	74-83-9	75-15-0	56-23-5	108-90-7	75-00-3	67-66-3	74-87-3	156-59-2	1006-101-5	110-82-7	124-48-1	75-71-8	100-41-4	98-82-8	179601-23-1
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
			50	1	5	50	50	5	60	5	5	5	7	5	5	NC	NC	50	5	5	5	NC
Sample Description	Date Collected	Sample Type	ACETONE	BENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	Cis-1,2-Dichloroethylene	cis-1,3-Dichloropropene	CYCLOHEXANE	DIBROMOCHLOROMETHANE	DICHLORODIFLUOROMETHANE	ETHYLBENZENE	Isopropylbenzene (Cumene)	M,P-XYLENES
BP-12B	8/7/2024	N	< 50 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	< 1 U	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
BP-12C	8/7/2024	N	**700**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	< 1 U	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
BP-13B	8/6/2024	N	**140**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	< 1 U	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
BP-13C	8/6/2024	N	**230**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	< 1 U	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
BP-3A	8/6/2024	N	< 50 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	< 1 U	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
BP-3C	8/6/2024	N	< 50 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	**3.2**	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
BP-5B	8/6/2024	N	< 50 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	< 1 U	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
BP-5C	8/6/2024	N	**370**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	< 1 U	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
DW-1	8/5/2024	N	**120**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	**6.2**	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
DW-2	8/5/2024	FD	**70**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	< 1 U	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
DW-2	8/5/2024	N	**72**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	< 1 U	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
EW-11D	8/7/2024	N	**130**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	**4.5**	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
EW-12D	8/7/2024	N	< 250 U	< 5 U	< 5 U	< 2.5 U	< 5 U	< 10 U	< 25 U	< 25 U	< 5 U	< 10 U	< 10 U	< 10 U	**7.3 D**	< 2.5 U	< 25 U	< 2.5 U	< 10 U	< 5 U	< 5 U	< 10 U
EW-14D	8/5/2024	N	**79**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	< 1 U	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
EW-1A	8/5/2024	N	**79**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	< 1 U	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
EW-1B	8/5/2024	N	**160**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	< 1 U	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
EW-1C	8/5/2024	N	< 50 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	< 1 U	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
EW-2A	8/6/2024	N	**98**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	< 1 U	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
EW-2B	8/6/2024	N	< 50 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	< 1 U	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
EW-2C	8/6/2024	N	**100**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	< 1 U	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
EW-2D	8/6/2024	N	**78**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	< 1 U	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
EW-4A	8/7/2024	N	**65**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	**25**	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
EW-4B	8/7/2024	N	**120**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	< 1 U	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
EW-4C	8/7/2024	N	**160**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	< 1 U	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
EW-4D	8/7/2024	N	**75**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	< 1 U	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
EW-5	8/5/2024	N	< 50 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	< 1 U	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
EW-7C	8/6/2024	N	**150**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	**2.7**	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
EW-7D	8/6/2024	N	**71**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	< 1 U	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
LF-1	8/5/2024	N	**330**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	< 1 U	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
M-30B-R	8/6/2024	N	< 50 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	< 1 U	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
MW-10D	8/6/2024	N	**290**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	**7.1**	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
MW-11A	8/7/2024	N	**77**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	**54**	< 0.5 U	< 5 U	< 0.5 U	**2.6**	< 1 U	< 1 U	< 2 U
MW-11B	8/7/2024	N	< 50 U	**1.8**	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	**34**	< 0.5 U	< 5 U	< 0.5 U	**3.3**	< 1 U	< 1 U	< 2 U
MW-5B	8/6/2024	N	**200**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	< 1 U	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
MW-6B	8/6/2024	N	**200**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	**1.3**	< 2 U	< 2 U	< 2 U	< 1 U	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
MW-6C	8/6/2024	N	< 50 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	**3.9**	< 2 U	< 2 U	< 2 U	< 1 U	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
MW-6D	8/6/2024	FD	< 50 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	**1.1**	< 2 U	< 2 U	< 2 U	< 1 U	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	**1.7**	< 2 U
MW-6D	8/6/2024	N	< 50 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	< 1 U	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	**1.5**	< 2 U
MW-6E	8/6/2024	N	< 50 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	**1.9**	< 2 U	< 2 U	< 2 U	< 1 U	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
MW-6F	8/6/2024	N	**180**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	< 1 U	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
MW-7B-R	8/6/2024	N	**190**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	< 1 U	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
MW-8A	8/6/2024	N	**53**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	< 1 U	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
MW-8B	8/6/2024	N	**140**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	< 1 U	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
MW-8C	8/6/2024	N	< 50 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	< 1 U	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
MW-9B	8/5/2024	N	**390**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	< 1 U	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
MW-9C	8/5/2024	N	**220**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	< 1 U	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
MW-CPC-36	7/31/2024	N	< 50 U	**40**	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	**54**	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
MW-CPC-37	7/31/2024	N	< 50 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	**8.4**	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
MW-CPC-38	8/1/2024	N	< 50 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	< 1 U	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
MW-CPC-39	7/31/2024	N	< 50 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	< 1 U	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
MW-CPC-40	7/31/2024	N	< 50 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	< 1 U	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
MW-CPC-41	8/1/2024	N	< 50 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	< 1 U	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
OBS-1	8/5/2024	N	< 50 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	< 1 U	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
SW-1	8/5/2024	N	**240**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	**8.3**	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U
WT-01	8/7/2024	N	**500**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 5 U	< 5 U	< 1 U	< 2 U	< 2 U	< 2 U	< 1 U	< 0.5 U	< 5 U	< 0.5 U	< 2 U	< 1 U	< 1 U	< 2 U

Notes:
U - not detected
D - sample was diluted
J - detected but below reporting limit
NC - no criteria
Bold indicates compound detected
Values in yellow cells exceed criteria
N/A - indicates reported value not provided by analyzing laboratory
Values in shaded cells exceed TOGS 1.1.1 Class GA standard or guidance value.
ug/L - micrograms per liter
V-05 - Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Attachment B
Summary of Analytical Results
July/August 2024 (3Q2024) Sampling Event
Claremont Polychemical Superfund Site OU5
Old Bethpage, NY

			79-20-9	78-93-3	108-10-1	108-87-2	75-09-2	91-20-3	104-51-8	103-65-1	95-47-6	135-98-8	100-42-5	1634-04-4	98-06-6	127-18-4	108-88-3	156-60-5	10061-02-6	79-01-6	75-69-4	75-01-4	1330-20-7
			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	ug/l
			NC	50	NC	NC	5	10	5	5	5	5	5	10	5	5	5	5	0.4	5	5	2	5
Sample Description	Date Collected	Sample Type	METHYL ACETATE	METHYL ETHYL KETONE (2-BUTANONE)	METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	METHYLCYCLOHEXANE	METHYLENE CHLORIDE	Naphthalene	n-Butylbenzene	n-Propylbenzene	O-XYLENE (1,2-DIMETHYLBENZENE)	sec-Butylbenzene	STYRENE	TERT-BUTYL METHYL ETHER	Tert-Butylbenzene	TETRACHLOROETHYLENE(PCE)	TOLUENE	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHYLENE (TCE)	TRICHLOROFLUOROMETHANE	VINYL CHLORIDE	Xylenes (total)
BP-12B	8/7/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 2 U	< 1 U
BP-12C	8/7/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 2 U	< 1 U
BP-13B	8/6/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 2 U	< 1 U
BP-13C	8/6/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 2 U	< 1 U
BP-3A	8/6/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 2 U	< 1 U
BP-3C	8/6/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**10**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 2 U	< 1 U
BP-5B	8/6/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 2 U	< 1 U
BP-5C	8/6/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 2 U	< 1 U
DW-1	8/5/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**12**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 2 U	< 1 U
DW-2	8/5/2024	FD	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**2.8**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 2 U	< 1 U
DW-2	8/5/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**2.5**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 2 U	< 1 U
EW-11D	8/7/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**55**	< 1 U	< 1 U	< 0.5 U	**150**	< 2 U	< 2 U	< 1 U
EW-12D	8/7/2024	N	< 5 U	< 100 U	< 50 U	< 5 U	< 25 U	< 10 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	**17 D**	< 5 U	< 5 U	< 2.5 U	**390 D**	< 10 U	< 10 U	< 5 U
EW-14D	8/5/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**1.8**	< 1 U	< 1 U	< 0.5 U	**12**	< 2 U	< 2 U	< 1 U
EW-1A	8/5/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**5.6**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 2 U	< 1 U
EW-1B	8/5/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**1.6**	< 1 U	< 1 U	< 0.5 U	**1.1**	< 2 U	< 2 U	< 1 U
EW-1C	8/5/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 2 U	< 1 U
EW-2A	8/6/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 2 U	< 1 U
EW-2B	8/6/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 2 U	< 1 U
EW-2C	8/6/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	**2.1**	< 2 U	< 2 U	< 1 U
EW-2D	8/6/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 2 U	< 1 U
EW-4A	8/7/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**20**	< 1 U	< 1 U	< 0.5 U	**2.0**	< 2 U	< 2 U	< 1 U
EW-4B	8/7/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**1.5**	< 1 U	< 1 U	< 0.5 U	**2.7**	< 2 U	< 2 U	< 1 U
EW-4C	8/7/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**2.2**	< 1 U	< 1 U	< 0.5 U	**17**	< 2 U	< 2 U	< 1 U
EW-4D	8/7/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 2 U	< 1 U
EW-5	8/5/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**6.2**	< 1 U	< 1 U	< 0.5 U	**1.1**	< 2 U	< 2 U	< 1 U
EW-7C	8/6/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**16**	< 1 U	< 1 U	< 0.5 U	**230 D**	< 2 U	< 2 U	< 1 U
EW-7D	8/6/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**1.3**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 2 U	< 1 U
LF-1	8/5/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**9.7**	< 1 U	< 1 U	< 0.5 U	**1.3**	< 2 U	< 2 U	< 1 U
M-30B-R	8/6/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 2 U	< 1 U
MW-10D	8/6/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**11**	< 1 U	< 1 U	< 0.5 U	**160**	< 2 U	< 2 U	< 1 U
MW-11A	8/7/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**5.2**	< 1 U	< 1 U	< 0.5 U	**6.2**	< 2 U	< 2 U	< 1 U
MW-11B	8/7/2024	N	**9.7**	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**5.3**	< 1 U	< 1 U	< 0.5 U	**6.7**	< 2 U	**2.2**	< 1 U
MW-5B	8/6/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 2 U	< 1 U
MW-6B	8/6/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 2 U	< 1 U
MW-6C	8/6/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 2 U	< 1 U
MW-6D	8/6/2024	FD	**11**	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 2 U	< 1 U
MW-6D	8/6/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 2 U	< 1 U
MW-6E	8/6/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 2 U	< 1 U
MW-6F	8/6/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 2 U	< 1 U
MW-7B-R	8/6/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**1.4**	< 1 U	< 1 U	< 0.5 U	**31**	< 2 U	< 2 U	< 1 U
MW-8A	8/6/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**1.6**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 2 U	< 1 U
MW-8B	8/6/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 2 U	< 1 U
MW-8C	8/6/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 2 U	< 1 U
MW-9B	8/5/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**1.5**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 2 U	< 1 U
MW-9C	8/5/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**1.2**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 2 U	< 1 U
MW-CPC-36	7/31/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**53**	< 1 U	< 1 U	< 0.5 U	**9.5**	< 2 U	< 2 U	< 1 U
MW-CPC-37	7/31/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	**2.1**	< 1 U
MW-CPC-38	8/1/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 2 U	< 1 U
MW-CPC-39	7/31/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 2 U	< 1 U
MW-CPC-40	7/31/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	**2.2**	< 2 U	< 2 U	< 1 U
MW-CPC-41	8/1/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**7.1**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 2 U	< 1 U
OBS-1	8/5/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**2.8**	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 2 U	< 1 U
SW-1	8/5/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	**180**	< 1 U	< 1 U	< 0.5 U	**9.4**	< 2 U	< 2 U	< 1 U
WT-01	8/7/2024	N	< 1 U	< 20 U	< 10 U	< 1 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 2 U	< 2 U	< 1 U

Notes:
U - not detected
D - sample was diluted
J - detected but below reporting limit
NC - no criteria
Bold indicates compound detected
Values in yellow cells exceed criteria
N/A - indicates reported value not provided by analyzing laboratory
Values in shaded cells exceed TOGS 1.1.1 Class GA standard or guidance value.
ug/L - micrograms per liter
V-05 - Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

ATTACHMENT B1
SUMMARY OF EMERGING CONTAMINANT SAMPLES

Attachment B-1
Summary of Analytical Results
July/August 2024 (3Q2024) 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-Chloroicosafluoro-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	7/31/2024	N		< 3.6 U	**15**	**37**	< 9 U	< 9 U	< 0.9 U	< 3.6 U	< 45 U	< 45 U	< 9 U	< 3.6 U	< 3.6 U	< 0.9 U
MW-CPC-37	7/31/2024	N		< 3.6 U	< 3.6 U	< 3.6 U	< 9 U	< 9 U	< 0.9 U	< 3.6 U	< 45 U	< 45 U	< 9 U	< 3.6 U	< 3.6 U	< 0.9 U
MW-CPC-38	8/1/2024	N		< 3.7 U	< 3.7 U	**5.8**	< 9.2 U	< 9.2 U	< 0.92 U	< 3.7 U	< 46 U	< 46 U	< 9.2 U	< 3.7 U	< 3.7 U	< 0.92 U
MW-CPC-39	7/31/2024	N		< 3.9 U	< 3.9 U	< 3.9 U	< 9.7 U	< 9.7 U	< 0.97 U	< 3.9 U	< 49 U	< 49 U	< 9.7 U	< 3.9 U	< 3.9 U	< 0.97 U
MW-CPC-40	7/31/2024	FD		< 3.8 U	< 3.8 U	< 3.8 U	< 9.6 U	< 9.6 U	< 0.96 U	< 3.8 U	< 48 U	< 48 U	< 9.6 U	< 3.8 U	< 3.8 U	< 0.96 U
MW-CPC-40	7/31/2024	N		< 3.7 U	< 3.7 U	< 3.7 U	< 9.3 U	< 9.3 U	< 0.93 U	< 3.7 U	< 47 U	< 47 U	< 9.3 U	< 3.7 U	< 3.7 U	< 0.93 U
MW-CPC-41	8/1/2024	N		< 3.6 U	< 3.6 U	< 3.6 U	< 9.1 U	< 9.1 U	< 0.91 U	< 3.6 U	< 45 U	< 45 U	< 9.1 U	< 3.6 U	< 3.6 U	< 0.91 U

Notes:
U - not detected
NC - no criteria
NA - not analyzed
Bold indicates compound detected
Values in yellow cells exceed criteria
(a) NYSDEC TOGS (1.1.1), Updated February 2023.
nq/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 B-1
Summary of Analytical Results
July/August 2024 (3Q2024) 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	7/31/2024	N		< 0.9 U	< 0.9 U	< 1.8 U	< 1.8 U	< 1.8 U	< 1.8 U	**6.6**	**26**	< 0.9 U	**3.8**	< 0.9 U	< 0.9 U	**2.9**
MW-CPC-37	7/31/2024	N		< 0.9 U	< 0.9 U	< 1.8 U	< 1.8 U	< 1.8 U	< 1.8 U	**3.7**	**20**	< 0.9 U	< 0.9 U	< 0.9 U	< 0.9 U	**0.9**
MW-CPC-38	8/1/2024	N		< 0.92 U	< 0.92 U	< 1.8 U	< 1.8 U	< 1.8 U	< 1.8 U	**2.3**	< 3.7 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U
MW-CPC-39	7/31/2024	N		< 0.97 U	< 0.97 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 0.97 U	< 3.9 U	< 0.97 U	< 0.97 U	< 0.97 U	< 0.97 U	< 0.97 U
MW-CPC-40	7/31/2024	FD		< 0.96 U	< 0.96 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 0.96 U	< 3.8 U	< 0.96 U	< 0.96 U	< 0.96 U	< 0.96 U	< 0.96 U
MW-CPC-40	7/31/2024	N		< 0.93 U	< 0.93 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 0.93 U	< 3.7 U	< 0.93 U	< 0.93 U	< 0.93 U	< 0.93 U	< 0.93 U
MW-CPC-41	8/1/2024	N		< 0.91 U	< 0.91 U	< 1.8 U	< 1.8 U	< 1.8 U	< 1.8 U	**2.3**	**17**	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U

Notes:
U - not detected
NC - no criteria
NA - not analyzed
Bold indicates compound detected
Values in yellow cells exceed criteria
(a) NYSDEC TOGS (1.1.1), Updated February 2023.
nq/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 B-1
Summary of Analytical Results
July/August 2024 (3Q2024) 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	ug/l
			Criteria:		100					2.7	6.7						100	NC	0.35
			Sample Description:							(a.)	(a.)								(a.)
Sample Description	Date Collected	Sample Type		Perfluoroheptanoic Acid (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 PFAS	1,4-DIOXANE (P-DIOXANE)
MW-CPC-36	7/31/2024	N		**35**	**41**	**46**	< 0.9 U	**410**	< 0.9 U	**160**	**130**	**7**	**48**	< 0.9 U	< 0.9 U	**5.7**	< 3.6 U	**974**	**6.1**
MW-CPC-37	7/31/2024	N		**6.7**	**6.9**	**13**	< 0.9 U	< 0.9 U	< 0.9 U	**27**	**63**	**3.3**	**6.6**	< 0.9 U	< 0.9 U	< 0.9 U	< 3.6 U	**151.1**	**19**
MW-CPC-38	8/1/2024	N		< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 1.8 U	< 0.92 U	< 0.92 U	< 0.92 U	< 3.7 U	**8.1**	**0.79**
MW-CPC-39	7/31/2024	N		< 0.97 U	< 0.97 U	< 0.97 U	< 0.97 U	< 0.97 U	< 0.97 U	< 0.97 U	< 0.97 U	< 0.97 U	< 1.9 U	< 0.97 U	< 0.97 U	< 0.97 U	< 3.9 U	< 3.9 U	< 0.19 U
MW-CPC-40	7/31/2024	FD		< 0.96 U	< 0.96 U	< 0.96 U	< 0.96 U	< 0.96 U	< 0.96 U	< 0.96 U	< 0.96 U	< 0.96 U	< 1.9 U	< 0.96 U	< 0.96 U	< 0.96 U	< 3.8 U	< 3.8 U	**2.4**
MW-CPC-40	7/31/2024	N		< 0.93 U	< 0.93 U	< 0.93 U	< 0.93 U	< 0.93 U	< 0.93 U	< 0.93 U	< 0.93 U	< 0.93 U	< 1.9 U	< 0.93 U	< 0.93 U	< 0.93 U	< 3.7 U	< 3.7 U	**2.3**
MW-CPC-41	8/1/2024	N		**14**	**8.1**	**23**	< 0.91 U	**100**	< 0.91 U	**25**	**29**	**1.9**	**34**	< 0.91 U	< 0.91 U	< 0.91 U	< 3.6 U	**254.3**	**2.3**

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

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

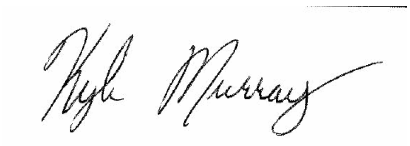
August 30, 2024

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

Project Location: Old Bethpage, NY
Client Job Number:
Project Number: 130015
Laboratory Work Order Number: 24H0543

Enclosed are results of analyses for samples as received by the laboratory on August 3, 2024. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kyle A. Murray
Project Manager

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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: 8/30/2024

PURCHASE ORDER NUMBER: 151811

PROJECT NUMBER: 130015

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 24H0543

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, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
TB-CP-QC-20240307	24H0543-01	Trip Blank Water		SW-846 8260D	
MW-CPC-37-21-445-20240731-0	24H0543-02	Ground Water		Draft Method 1633	
				SW-846 8260D	
				SW-846 8270E	
MW-CPC-40-21-312-20240731-0	24H0543-04	Ground Water		Draft Method 1633	
				SW-846 8260D	
				SW-846 8270E	
MW-CPC-39-21-374-20240731-0	24H0543-05	Ground Water		Draft Method 1633	
				SW-846 8260D	
				SW-846 8270E	
MW-CPC-36-21-374-20240731-0	24H0543-06	Ground Water		Draft Method 1633	
				SW-846 8260D	
				SW-846 8270E	
MW-CPC-38-21-391-20240801-0	24H0543-07	Ground Water		Draft Method 1633	
				SW-846 8260D	
				SW-846 8270E	
MW-CPC-36-21-374-20240801-2	24H0543-08	Field Blank		Draft Method 1633	
MW-CPC-41-21-25-20240801-0	24H0543-09	Ground Water		Draft Method 1633	
				SW-846 8260D	
				SW-846 8270E	
MW-CPC-40-21-312-20240731-1	24H0543-10	Ground Water		Draft Method 1633	
				SW-846 8260D	
				SW-846 8270E	

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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:

PF-23

Qualifier ion ratio <50% of associated calibration. Detection is suspect.

Analyte & Samples(s) Qualified:

Perfluorobutanesulfonic acid (PFBS)
24H0543-07[MW-CPC-38-21-391-20240801-0]

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:

Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)
S109601-CCV1, S109601-CCV2, S109601-CCV3, S109601-CCV4

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:

Methylene Chloride
24H0543-01[TB-CP-QC-20240307], 24H0543-02[MW-CPC-37-21-445-20240731-0], 24H0543-04[MW-CPC-40-21-312-20240731-0], 24H0543-05[MW-CPC-39-21-374-20240731-0], 24H0543-06[MW-CPC-36-21-374-20240731-0], 24H0543-07[MW-CPC-38-21-391-20240801-0], 24H0543-09[MW-CPC-41-21-25-20240801-0], 24H0543-10[MW-CPC-40-21-312-20240731-1], B382176-BLK1, B382176-BS1, B382176-BSD1, S108685-CCV1

SW-846 8270E

Qualifications:

H-06

Sample was extracted past the recommended holding time.

Analyte & Samples(s) Qualified:

24H0543-07RE1[MW-CPC-38-21-391-20240801-0], 24H0543-09RE1[MW-CPC-41-21-25-20240801-0]

S-10

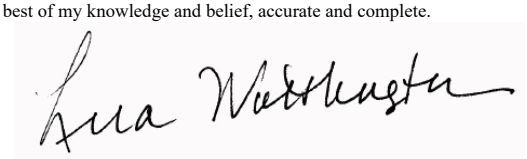
Sample was re-extracted outside of holding time since surrogate standard recovery was outside of control limits. Data from analysis performed outside of holding time is also reported since surrogate recovery is acceptable.

Analyte & Samples(s) Qualified:

1,4-Dioxane-d8
24H0543-07[MW-CPC-38-21-391-20240801-0], 24H0543-09[MW-CPC-41-21-25-20240801-0]

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

The results of analyses reported only relate to samples submitted to 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.



Lisa A. Worthington
Technical Representative

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

Project Location: Old Bethpage, NY | Sample Description: | Work Order: 24H0543

Date Received: 8/3/2024

Field Sample #: TB-CP-QC-20240307 | Sampled: 8/1/2024 08:00

Sample ID: 24H0543-01

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
Methylene Chloride	ND	5.0	µg/L	1	V-05	SW-846 8260D	8/7/24	8/7/24 11:18	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD

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

Project Location: Old Bethpage, NY | Sample Description: | Work Order: 24H0543

Date Received: 8/3/2024

Field Sample #: TB-CP-QC-20240307 | Sampled: 8/1/2024 08:00

Sample ID: 24H0543-01

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:18	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	104	70-130		8/7/24 11:18
Toluene-d8	103	70-130		8/7/24 11:18
4-Bromofluorobenzene	102	70-130		8/7/24 11:18

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

Project Location: Old Bethpage, NY | Sample Description: | Work Order: 24H0543

Date Received: 8/3/2024

Field Sample #: MW-CPC-37-21-445-20240731-0 | Sampled: 7/31/2024 14:15

Sample ID: 24H0543-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
1,1-Dichloroethane	2.2	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
cis-1,2-Dichloroethylene	8.4	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
Methylene Chloride	ND	5.0	µg/L	1	V-05	SW-846 8260D	8/7/24	8/7/24 11:44	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD

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Project Location: Old Bethpage, NY | Sample Description: | Work Order: 24H0543

Date Received: 8/3/2024

Field Sample #: MW-CPC-37-21-445-20240731-0 | Sampled: 7/31/2024 14:15

Sample ID: 24H0543-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
Vinyl Chloride	2.1	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 11:44	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	105	70-130		8/7/24 11:44
Toluene-d8	102	70-130		8/7/24 11:44
4-Bromofluorobenzene	104	70-130		8/7/24 11:44

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Project Location: Old Bethpage, NY | Sample Description: | Work Order: 24H0543

Date Received: 8/3/2024

Field Sample #: MW-CPC-37-21-445-20240731-0 | Sampled: 7/31/2024 14:15

Sample ID: 24H0543-02

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	19	0.19	µg/L	1		SW-846 8270E	8/6/24	8/16/24 15:15	GJB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,4-Dioxane-d8	18.0	15-110		8/16/24 15:15

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Project Location: Old Bethpage, NY | Sample Description: | Work Order: 24H0543

Date Received: 8/3/2024

Field Sample #: MW-CPC-37-21-445-20240731-0 | Sampled: 7/31/2024 14:15

Sample ID: 24H0543-02

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	20	3.6	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:09	AMS
Perfluoropentanoic acid (PFPeA)	6.6	1.8	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:09	AMS
Perfluorohexanoic acid (PFHxA)	13	0.90	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:09	AMS
Perfluoroheptanoic acid (PFHpA)	6.7	0.90	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:09	AMS
Perfluorooctanoic acid (PFOA)	63	0.90	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:09	AMS
Perfluorononanoic acid (PFNA)	ND	0.90	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:09	AMS
Perfluorodecanoic acid (PFDA)	ND	0.90	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:09	AMS
Perfluoroundecanoic acid (PFUnA)	ND	0.90	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:09	AMS
Perfluorododecanoic acid (PFDoA)	ND	0.90	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:09	AMS
Perfluorotridecanoic acid (PFTrDA)	ND	0.90	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:09	AMS
Perfluorotetradecanoic acid (PFTeDA)	ND	0.90	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:09	AMS
Perfluorobutanesulfonic acid (PFBS)	3.7	0.90	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:09	AMS
Perfluoropentanesulfonic acid (PFPeS)	3.3	0.90	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:09	AMS
Perfluorohexanesulfonic acid (PFHxS)	6.9	0.90	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:09	AMS
Perfluoroheptanesulfonic acid (PFHpS)	0.90	0.90	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:09	AMS
Perfluorooctanesulfonic acid (PFOS)	27	0.90	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:09	AMS
Perfluorononanesulfonic acid (PFNS)	ND	0.90	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:09	AMS
Perfluorodecanesulfonic acid (PFDS)	ND	0.90	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:09	AMS
Perfluorododecanesulfonic acid (PFDoS)	ND	0.90	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:09	AMS
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	3.6	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:09	AMS
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	3.6	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:09	AMS
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	3.6	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:09	AMS
Perfluorooctanesulfonamide (PFOSA)	ND	0.90	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:09	AMS
N-methyl perfluoroocatnesulfonamide (NMeFOSA)	ND	0.90	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:09	AMS
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	0.90	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:09	AMS
N-MeFOSAA (NMeFOSAA)	ND	0.90	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:09	AMS
N-EtFOSAA (NEtFOSAA)	ND	0.90	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:09	AMS
N-methylperfluorooctanesulfonamidoethanol(NMeFOSE)	ND	9.0	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:09	AMS
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	9.0	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:09	AMS
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	3.6	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:09	AMS
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	3.6	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:09	AMS
9Cl-PF3ONS (F53B Minor)	ND	3.6	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:09	AMS
11Cl-PF3OUdS (F53B Major)	ND	3.6	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:09	AMS
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	ND	9.0	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:09	AMS
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	ND	45	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:09	AMS
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	ND	45	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:09	AMS
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:09	AMS
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	1.8	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:09	AMS

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Project Location: Old Bethpage, NY | Sample Description: | Work Order: 24H0543

Date Received: 8/3/2024

Field Sample #: MW-CPC-37-21-445-20240731-0 | Sampled: 7/31/2024 14:15

Sample ID: 24H0543-02

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	1.8	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:09	AMS
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:09	AMS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
13C4-PFBA	80.2	10-130		8/27/24 23:09
13C5-PFPeA	82.4	35-150		8/27/24 23:09
13C5-PFHxA	79.7	55-150		8/27/24 23:09
13C4-PFHpA	80.9	55-150		8/27/24 23:09
13C8-PFOA	77.7	60-140		8/27/24 23:09
13C9-PFNA	79.8	55-140		8/27/24 23:09
13C6-PFDA	77.8	50-140		8/27/24 23:09
13C7-PFUnA	69.7	30-140		8/27/24 23:09
13C2-PFDoA	65.7	10-150		8/27/24 23:09
13C2-PFTeDA	61.8	10-130		8/27/24 23:09
13C3-PFBS	85.4	55-150		8/27/24 23:09
13C3-PFHxS	80.6	55-150		8/27/24 23:09
13C8-PFOS	74.1	45-140		8/27/24 23:09
13C2-4:2FTS	74.3	60-200		8/27/24 23:09
13C2-6:2FTS	81.5	60-200		8/27/24 23:09
13C2-8:2FTS	71.4	50-200		8/27/24 23:09
13C8-PFOSA	64.3	30-130		8/27/24 23:09
D3-NMeFOSA	51.5	15-130		8/27/24 23:09
D5-NEtFOSA	51.1	10-130		8/27/24 23:09
D3-NMeFOSAA	62.7	45-200		8/27/24 23:09
D5-NEtFOSAA	58.4	10-200		8/27/24 23:09
D7-NMeFOSE	56.7	10-150		8/27/24 23:09
D9-NEtFOSE	51.6	10-150		8/27/24 23:09
13C3-HFPO-DA	89.5	25-160		8/27/24 23:09

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Project Location: Old Bethpage, NY Sample Description: Work Order: 24H0543

Date Received: 8/3/2024

Field Sample #: MW-CPC-37-21-445-20240731-0 Sampled: 7/31/2024 14:15

Sample ID: 24H0543-02

Sample Matrix: Ground 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	8/6/24	8/6/24 13:40	LL

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Project Location: Old Bethpage, NY | Sample Description: | Work Order: 24H0543

Date Received: 8/3/2024

Field Sample #: MW-CPC-40-21-312-20240731-0 | Sampled: 7/31/2024 11:15

Sample ID: 24H0543-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
1,1-Dichloroethane	6.2	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
1,1-Dichloroethylene	1.4	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
Methylene Chloride	ND	5.0	µg/L	1	V-05	SW-846 8260D	8/7/24	8/7/24 12:10	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD

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Project Location: Old Bethpage, NY | Sample Description: | Work Order: 24H0543

Date Received: 8/3/2024

Field Sample #: MW-CPC-40-21-312-20240731-0 | Sampled: 7/31/2024 11:15

Sample ID: 24H0543-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
1,1,1-Trichloroethane	1.8	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
Trichloroethylene	2.2	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:10	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	104	70-130		8/7/24 12:10
Toluene-d8	101	70-130		8/7/24 12:10
4-Bromofluorobenzene	103	70-130		8/7/24 12:10

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Project Location: Old Bethpage, NY Sample Description: Work Order: 24H0543

Date Received: 8/3/2024

Field Sample #: MW-CPC-40-21-312-20240731-0 Sampled: 7/31/2024 11:15

Sample ID: 24H0543-04

Sample Matrix: Ground Water

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	2.3	0.20	µg/L	1		SW-846 8270E	8/6/24	8/16/24 15:35	GJB

Surrogates	% Recovery	Recovery Limits	Flag/Qual				
1,4-Dioxane-d8	21.8	15-110					8/16/24 15:35

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Project Location: Old Bethpage, NY | Sample Description: | Work Order: 24H0543

Date Received: 8/3/2024

Field Sample #: MW-CPC-40-21-312-20240731-0 | Sampled: 7/31/2024 11:15

Sample ID: 24H0543-04

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	ND	3.7	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:24	AMS
Perfluoropentanoic acid (PFPeA)	ND	1.9	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:24	AMS
Perfluorohexanoic acid (PFHxA)	ND	0.93	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:24	AMS
Perfluoroheptanoic acid (PFHpA)	ND	0.93	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:24	AMS
Perfluorooctanoic acid (PFOA)	ND	0.93	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:24	AMS
Perfluorononanoic acid (PFNA)	ND	0.93	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:24	AMS
Perfluorodecanoic acid (PFDA)	ND	0.93	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:24	AMS
Perfluoroundecanoic acid (PFUnA)	ND	0.93	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:24	AMS
Perfluorododecanoic acid (PFDoA)	ND	0.93	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:24	AMS
Perfluorotridecanoic acid (PFTrDA)	ND	0.93	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:24	AMS
Perfluorotetradecanoic acid (PFTeDA)	ND	0.93	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:24	AMS
Perfluorobutanesulfonic acid (PFBS)	ND	0.93	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:24	AMS
Perfluoropentanesulfonic acid (PFPeS)	ND	0.93	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:24	AMS
Perfluorohexanesulfonic acid (PFHxS)	ND	0.93	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:24	AMS
Perfluoroheptanesulfonic acid (PFHpS)	ND	0.93	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:24	AMS
Perfluorooctanesulfonic acid (PFOS)	ND	0.93	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:24	AMS
Perfluorononanesulfonic acid (PFNS)	ND	0.93	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:24	AMS
Perfluorodecanesulfonic acid (PFDS)	ND	0.93	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:24	AMS
Perfluorododecanesulfonic acid (PFDoS)	ND	0.93	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:24	AMS
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	3.7	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:24	AMS
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	3.7	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:24	AMS
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	3.7	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:24	AMS
Perfluorooctanesulfonamide (PFOSA)	ND	0.93	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:24	AMS
N-methyl perfluoroocatnesulfonamide (NMeFOSA)	ND	0.93	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:24	AMS
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	0.93	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:24	AMS
N-MeFOSAA (NMeFOSAA)	ND	0.93	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:24	AMS
N-EtFOSAA (NEtFOSAA)	ND	0.93	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:24	AMS
N-methylperfluorooctanesulfonamidoethanol(NMeFOSE)	ND	9.3	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:24	AMS
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	9.3	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:24	AMS
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	3.7	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:24	AMS
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	3.7	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:24	AMS
9Cl-PF3ONS (F53B Minor)	ND	3.7	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:24	AMS
11Cl-PF3OUdS (F53B Major)	ND	3.7	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:24	AMS
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	ND	9.3	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:24	AMS
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	ND	47	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:24	AMS
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	ND	47	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:24	AMS
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:24	AMS
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	1.9	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:24	AMS

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Project Location: Old Bethpage, NY | Sample Description: | Work Order: 24H0543

Date Received: 8/3/2024

Field Sample #: MW-CPC-40-21-312-20240731-0 | Sampled: 7/31/2024 11:15

Sample ID: 24H0543-04

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	1.9	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:24	AMS
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:24	AMS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
13C4-PFBA	78.8	10-130		8/27/24 23:24
13C5-PFPeA	80.0	35-150		8/27/24 23:24
13C5-PFHxA	75.7	55-150		8/27/24 23:24
13C4-PFHpA	78.1	55-150		8/27/24 23:24
13C8-PFOA	74.5	60-140		8/27/24 23:24
13C9-PFNA	75.4	55-140		8/27/24 23:24
13C6-PFDA	75.3	50-140		8/27/24 23:24
13C7-PFUnA	72.1	30-140		8/27/24 23:24
13C2-PFDoA	63.2	10-150		8/27/24 23:24
13C2-PFTeDA	59.0	10-130		8/27/24 23:24
13C3-PFBS	80.1	55-150		8/27/24 23:24
13C3-PFHxS	79.6	55-150		8/27/24 23:24
13C8-PFOS	77.2	45-140		8/27/24 23:24
13C2-4:2FTS	73.6	60-200		8/27/24 23:24
13C2-6:2FTS	71.2	60-200		8/27/24 23:24
13C2-8:2FTS	65.2	50-200		8/27/24 23:24
13C8-PFOSA	62.3	30-130		8/27/24 23:24
D3-NMeFOSA	51.1	15-130		8/27/24 23:24
D5-NEtFOSA	52.4	10-130		8/27/24 23:24
D3-NMeFOSAA	67.4	45-200		8/27/24 23:24
D5-NEtFOSAA	63.9	10-200		8/27/24 23:24
D7-NMeFOSE	55.1	10-150		8/27/24 23:24
D9-NEtFOSE	51.1	10-150		8/27/24 23:24
13C3-HFPO-DA	86.1	25-160		8/27/24 23:24

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Project Location: Old Bethpage, NY | Sample Description: | Work Order: 24H0543

Date Received: 8/3/2024

Field Sample #: MW-CPC-40-21-312-20240731-0 | Sampled: 7/31/2024 11:15

Sample ID: 24H0543-04

Sample Matrix: Ground 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	8/6/24	8/6/24 13:40	LL

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Project Location: Old Bethpage, NY | Sample Description: | Work Order: 24H0543

Date Received: 8/3/2024

Field Sample #: MW-CPC-39-21-374-20240731-0 | Sampled: 7/31/2024 09:35

Sample ID: 24H0543-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
Methylene Chloride	ND	5.0	µg/L	1	V-05	SW-846 8260D	8/7/24	8/7/24 12:36	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD

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Project Location: Old Bethpage, NY | Sample Description: | Work Order: 24H0543

Date Received: 8/3/2024

Field Sample #: MW-CPC-39-21-374-20240731-0 | Sampled: 7/31/2024 09:35

Sample ID: 24H0543-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 12:36	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	105	70-130		8/7/24 12:36
Toluene-d8	99.8	70-130		8/7/24 12:36
4-Bromofluorobenzene	101	70-130		8/7/24 12:36

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Project Location: Old Bethpage, NY | Sample Description: | Work Order: 24H0543

Date Received: 8/3/2024

Field Sample #: MW-CPC-39-21-374-20240731-0 | Sampled: 7/31/2024 09:35

Sample ID: 24H0543-05

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	ND	0.19	µg/L	1		SW-846 8270E	8/6/24	8/27/24 16:08	GJB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,4-Dioxane-d8	23.0	15-110		8/27/24 16:08

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Project Location: Old Bethpage, NY | Sample Description: | Work Order: 24H0543

Date Received: 8/3/2024

Field Sample #: MW-CPC-39-21-374-20240731-0 | Sampled: 7/31/2024 09:35

Sample ID: 24H0543-05

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	ND	3.9	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:40	AMS
Perfluoropentanoic acid (PFPeA)	ND	1.9	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:40	AMS
Perfluorohexanoic acid (PFHxA)	ND	0.97	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:40	AMS
Perfluoroheptanoic acid (PFHpA)	ND	0.97	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:40	AMS
Perfluorooctanoic acid (PFOA)	ND	0.97	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:40	AMS
Perfluorononanoic acid (PFNA)	ND	0.97	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:40	AMS
Perfluorodecanoic acid (PFDA)	ND	0.97	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:40	AMS
Perfluoroundecanoic acid (PFUnA)	ND	0.97	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:40	AMS
Perfluorododecanoic acid (PFDoA)	ND	0.97	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:40	AMS
Perfluorotridecanoic acid (PFTrDA)	ND	0.97	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:40	AMS
Perfluorotetradecanoic acid (PFTeDA)	ND	0.97	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:40	AMS
Perfluorobutanesulfonic acid (PFBS)	ND	0.97	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:40	AMS
Perfluoropentanesulfonic acid (PFPeS)	ND	0.97	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:40	AMS
Perfluorohexanesulfonic acid (PFHxS)	ND	0.97	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:40	AMS
Perfluoroheptanesulfonic acid (PFHpS)	ND	0.97	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:40	AMS
Perfluorooctanesulfonic acid (PFOS)	ND	0.97	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:40	AMS
Perfluorononanesulfonic acid (PFNS)	ND	0.97	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:40	AMS
Perfluorodecanesulfonic acid (PFDS)	ND	0.97	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:40	AMS
Perfluorododecanesulfonic acid (PFDoS)	ND	0.97	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:40	AMS
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	3.9	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:40	AMS
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	3.9	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:40	AMS
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	3.9	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:40	AMS
Perfluorooctanesulfonamide (PFOSA)	ND	0.97	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:40	AMS
N-methyl perfluoroocatnesulfonamide (NMeFOSA)	ND	0.97	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:40	AMS
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	0.97	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:40	AMS
N-MeFOSAA (NMeFOSAA)	ND	0.97	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:40	AMS
N-EtFOSAA (NEtFOSAA)	ND	0.97	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:40	AMS
N-methylperfluorooctanesulfonamidoethanol(NMeFOSE)	ND	9.7	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:40	AMS
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	9.7	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:40	AMS
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	3.9	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:40	AMS
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	3.9	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:40	AMS
9Cl-PF3ONS (F53B Minor)	ND	3.9	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:40	AMS
11Cl-PF3OUdS (F53B Major)	ND	3.9	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:40	AMS
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	ND	9.7	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:40	AMS
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	ND	49	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:40	AMS
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	ND	49	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:40	AMS
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:40	AMS
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	1.9	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:40	AMS

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Project Location: Old Bethpage, NY | Sample Description: | Work Order: 24H0543

Date Received: 8/3/2024

Field Sample #: MW-CPC-39-21-374-20240731-0 | Sampled: 7/31/2024 09:35

Sample ID: 24H0543-05

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	1.9	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:40	AMS
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:40	AMS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
13C4-PFBA	77.5	10-130		8/27/24 23:40
13C5-PFPeA	79.5	35-150		8/27/24 23:40
13C5-PFHxA	76.2	55-150		8/27/24 23:40
13C4-PFHpA	78.6	55-150		8/27/24 23:40
13C8-PFOA	74.0	60-140		8/27/24 23:40
13C9-PFNA	73.5	55-140		8/27/24 23:40
13C6-PFDA	71.6	50-140		8/27/24 23:40
13C7-PFUnA	71.3	30-140		8/27/24 23:40
13C2-PFDoA	60.8	10-150		8/27/24 23:40
13C2-PFTeDA	56.6	10-130		8/27/24 23:40
13C3-PFBS	80.9	55-150		8/27/24 23:40
13C3-PFHxS	79.2	55-150		8/27/24 23:40
13C8-PFOS	72.5	45-140		8/27/24 23:40
13C2-4:2FTS	74.3	60-200		8/27/24 23:40
13C2-6:2FTS	77.4	60-200		8/27/24 23:40
13C2-8:2FTS	70.9	50-200		8/27/24 23:40
13C8-PFOSA	59.1	30-130		8/27/24 23:40
D3-NMeFOSA	46.9	15-130		8/27/24 23:40
D5-NEtFOSA	49.1	10-130		8/27/24 23:40
D3-NMeFOSAA	57.0	45-200		8/27/24 23:40
D5-NEtFOSAA	56.0	10-200		8/27/24 23:40
D7-NMeFOSE	51.9	10-150		8/27/24 23:40
D9-NEtFOSE	48.0	10-150		8/27/24 23:40
13C3-HFPO-DA	85.3	25-160		8/27/24 23:40

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Project Location: Old Bethpage, NY Sample Description: Work Order: 24H0543

Date Received: 8/3/2024

Field Sample #: MW-CPC-39-21-374-20240731-0 Sampled: 7/31/2024 09:35

Sample ID: 24H0543-05

Sample Matrix: Ground 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	8/6/24	8/6/24 13:40	LL

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Project Location: Old Bethpage, NY | Sample Description: | Work Order: 24H0543

Date Received: 8/3/2024

Field Sample #: MW-CPC-36-21-374-20240731-0 | Sampled: 7/31/2024 16:40

Sample ID: 24H0543-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
Benzene	40	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
1,1-Dichloroethane	1.0	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
1,2-Dichloroethane	2.4	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
1,1-Dichloroethylene	2.2	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
cis-1,2-Dichloroethylene	54	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
Methylene Chloride	ND	5.0	µg/L	1	V-05	SW-846 8260D	8/7/24	8/7/24 13:02	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD

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Project Location: Old Bethpage, NY | Sample Description: | Work Order: 24H0543

Date Received: 8/3/2024

Field Sample #: MW-CPC-36-21-374-20240731-0 | Sampled: 7/31/2024 16:40

Sample ID: 24H0543-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
Tetrachloroethylene	53	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
1,1,1-Trichloroethane	1.7	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
Trichloroethylene	9.5	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:02	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	106	70-130		8/7/24 13:02
Toluene-d8	99.6	70-130		8/7/24 13:02
4-Bromofluorobenzene	102	70-130		8/7/24 13:02

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

Project Location: Old Bethpage, NY Sample Description: Work Order: 24H0543

Date Received: 8/3/2024

Field Sample #: MW-CPC-36-21-374-20240731-0 Sampled: 7/31/2024 16:40

Sample ID: 24H0543-06

Sample Matrix: Ground Water

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	6.1	0.20	µg/L	1		SW-846 8270E	8/6/24	8/27/24 16:28	GJB

Surrogates	% Recovery	Recovery Limits	Flag/Qual					
1,4-Dioxane-d8	23.4	15-110						8/27/24 16:28

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Project Location: Old Bethpage, NY | Sample Description: | Work Order: 24H0543

Date Received: 8/3/2024

Field Sample #: MW-CPC-36-21-374-20240731-0 | Sampled: 7/31/2024 16:40

Sample ID: 24H0543-06

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	26	3.6	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:56	AMS
Perfluoropentanoic acid (PFPeA)	48	1.8	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:56	AMS
Perfluorohexanoic acid (PFHxA)	46	0.90	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:56	AMS
Perfluoroheptanoic acid (PFHpA)	35	0.90	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:56	AMS
Perfluorooctanoic acid (PFOA)	130	0.90	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:56	AMS
Perfluorononanoic acid (PFNA)	410	0.90	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:56	AMS
Perfluorodecanoic acid (PFDA)	3.8	0.90	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:56	AMS
Perfluoroundecanoic acid (PFUnA)	5.7	0.90	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:56	AMS
Perfluorododecanoic acid (PFDoA)	ND	0.90	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:56	AMS
Perfluorotridecanoic acid (PFTrDA)	ND	0.90	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:56	AMS
Perfluorotetradecanoic acid (PFTeDA)	ND	0.90	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:56	AMS
Perfluorobutanesulfonic acid (PFBS)	6.6	0.90	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:56	AMS
Perfluoropentanesulfonic acid (PFPeS)	7.0	0.90	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:56	AMS
Perfluorohexanesulfonic acid (PFHxS)	41	0.90	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:56	AMS
Perfluoroheptanesulfonic acid (PFHpS)	2.9	0.90	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:56	AMS
Perfluorooctanesulfonic acid (PFOS)	160	0.90	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:56	AMS
Perfluorononanesulfonic acid (PFNS)	ND	0.90	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:56	AMS
Perfluorodecanesulfonic acid (PFDS)	ND	0.90	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:56	AMS
Perfluorododecanesulfonic acid (PFDoS)	ND	0.90	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:56	AMS
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	3.6	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:56	AMS
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	37	3.6	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:56	AMS
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	15	3.6	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:56	AMS
Perfluorooctanesulfonamide (PFOSA)	ND	0.90	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:56	AMS
N-methyl perfluoroocatnesulfonamide (NMeFOSA)	ND	0.90	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:56	AMS
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	0.90	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:56	AMS
N-MeFOSAA (NMeFOSAA)	ND	0.90	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:56	AMS
N-EtFOSAA (NEtFOSAA)	ND	0.90	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:56	AMS
N-methylperfluorooctanesulfonamidoethanol(NMeFOSE)	ND	9.0	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:56	AMS
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	9.0	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:56	AMS
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	3.6	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:56	AMS
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	3.6	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:56	AMS
9Cl-PF3ONS (F53B Minor)	ND	3.6	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:56	AMS
11Cl-PF3OUdS (F53B Major)	ND	3.6	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:56	AMS
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	ND	9.0	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:56	AMS
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	ND	45	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:56	AMS
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	ND	45	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:56	AMS
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:56	AMS
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	1.8	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:56	AMS

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Project Location: Old Bethpage, NY | Sample Description: | Work Order: 24H0543

Date Received: 8/3/2024

Field Sample #: MW-CPC-36-21-374-20240731-0 | Sampled: 7/31/2024 16:40

Sample ID: 24H0543-06

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	1.8	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:56	AMS
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8	ng/L	1		Draft Method 1633	8/27/24	8/27/24 23:56	AMS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
13C4-PFBA	75.4	10-130		8/27/24 23:56
13C5-PFPeA	78.4	35-150		8/27/24 23:56
13C5-PFHxA	77.0	55-150		8/27/24 23:56
13C4-PFHpA	77.6	55-150		8/27/24 23:56
13C8-PFOA	76.7	60-140		8/27/24 23:56
13C9-PFNA	78.1	55-140		8/27/24 23:56
13C6-PFDA	71.5	50-140		8/27/24 23:56
13C7-PFUnA	69.7	30-140		8/27/24 23:56
13C2-PFDoA	63.8	10-150		8/27/24 23:56
13C2-PFTeDA	56.8	10-130		8/27/24 23:56
13C3-PFBS	79.9	55-150		8/27/24 23:56
13C3-PFHxS	73.8	55-150		8/27/24 23:56
13C8-PFOS	74.2	45-140		8/27/24 23:56
13C2-4:2FTS	88.8	60-200		8/27/24 23:56
13C2-6:2FTS	88.7	60-200		8/27/24 23:56
13C2-8:2FTS	69.9	50-200		8/27/24 23:56
13C8-PFOSA	69.4	30-130		8/27/24 23:56
D3-NMeFOSA	56.6	15-130		8/27/24 23:56
D5-NEtFOSA	59.6	10-130		8/27/24 23:56
D3-NMeFOSAA	68.1	45-200		8/27/24 23:56
D5-NEtFOSAA	66.8	10-200		8/27/24 23:56
D7-NMeFOSE	56.6	10-150		8/27/24 23:56
D9-NEtFOSE	52.3	10-150		8/27/24 23:56
13C3-HFPO-DA	86.1	25-160		8/27/24 23:56

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Project Location: Old Bethpage, NY Sample Description: Work Order: 24H0543

Date Received: 8/3/2024

Field Sample #: MW-CPC-36-21-374-20240731-0 Sampled: 7/31/2024 16:40

Sample ID: 24H0543-06

Sample Matrix: Ground 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	8/6/24	8/6/24 13:40	LL

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Project Location: Old Bethpage, NY | Sample Description: | Work Order: 24H0543

Date Received: 8/3/2024

Field Sample #: MW-CPC-38-21-391-20240801-0 | Sampled: 8/1/2024 08:30

Sample ID: 24H0543-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
Methylene Chloride	ND	5.0	µg/L	1	V-05	SW-846 8260D	8/7/24	8/7/24 13:28	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD

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Project Location: Old Bethpage, NY | Sample Description: | Work Order: 24H0543

Date Received: 8/3/2024

Field Sample #: MW-CPC-38-21-391-20240801-0 | Sampled: 8/1/2024 08:30

Sample ID: 24H0543-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:28	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	104	70-130		8/7/24 13:28
Toluene-d8	102	70-130		8/7/24 13:28
4-Bromofluorobenzene	102	70-130		8/7/24 13:28

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Project Location: Old Bethpage, NY Sample Description: Work Order: 24H0543

Date Received: 8/3/2024

Field Sample #: MW-CPC-38-21-391-20240801-0 Sampled: 8/1/2024 08:30

Sample ID: 24H0543-07

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	1.0	0.19	µg/L	1		SW-846 8270E	8/6/24	8/27/24 16:49	GJB
1,4-Dioxane	0.79	0.19	µg/L	1		SW-846 8270E	8/28/24	8/30/24 13:08	GJB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,4-Dioxane-d8	20.1	15-110		8/30/24 13:08
1,4-Dioxane-d8	**4.82** *	15-110	S-10	8/27/24 16:49

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Project Location: Old Bethpage, NY | Sample Description: | Work Order: 24H0543

Date Received: 8/3/2024

Field Sample #: MW-CPC-38-21-391-20240801-0 | Sampled: 8/1/2024 08:30

Sample ID: 24H0543-07

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	ND	3.7	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:11	AMS
Perfluoropentanoic acid (PFPeA)	ND	1.8	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:11	AMS
Perfluorohexanoic acid (PFHxA)	ND	0.92	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:11	AMS
Perfluoroheptanoic acid (PFHpA)	ND	0.92	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:11	AMS
Perfluorooctanoic acid (PFOA)	ND	0.92	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:11	AMS
Perfluorononanoic acid (PFNA)	ND	0.92	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:11	AMS
Perfluorodecanoic acid (PFDA)	ND	0.92	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:11	AMS
Perfluoroundecanoic acid (PFUnA)	ND	0.92	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:11	AMS
Perfluorododecanoic acid (PFDoA)	ND	0.92	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:11	AMS
Perfluorotridecanoic acid (PFTrDA)	ND	0.92	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:11	AMS
Perfluorotetradecanoic acid (PFTeDA)	ND	0.92	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:11	AMS
Perfluorobutanesulfonic acid (PFBS)	2.3	0.92	ng/L	1	PF-23	Draft Method 1633	8/27/24	8/28/24 0:11	AMS
Perfluoropentanesulfonic acid (PFPeS)	ND	0.92	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:11	AMS
Perfluorohexanesulfonic acid (PFHxS)	ND	0.92	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:11	AMS
Perfluoroheptanesulfonic acid (PFHpS)	ND	0.92	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:11	AMS
Perfluorooctanesulfonic acid (PFOS)	ND	0.92	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:11	AMS
Perfluorononanesulfonic acid (PFNS)	ND	0.92	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:11	AMS
Perfluorodecanesulfonic acid (PFDS)	ND	0.92	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:11	AMS
Perfluorododecanesulfonic acid (PFDoS)	ND	0.92	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:11	AMS
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	3.7	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:11	AMS
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	5.8	3.7	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:11	AMS
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	3.7	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:11	AMS
Perfluorooctanesulfonamide (PFOSA)	ND	0.92	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:11	AMS
N-methyl perfluoroocatnesulfonamide (NMeFOSA)	ND	0.92	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:11	AMS
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	0.92	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:11	AMS
N-MeFOSAA (NMeFOSAA)	ND	0.92	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:11	AMS
N-EtFOSAA (NEtFOSAA)	ND	0.92	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:11	AMS
N-methylperfluorooctanesulfonamidoethanol(NMeFOSE)	ND	9.2	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:11	AMS
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	9.2	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:11	AMS
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	3.7	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:11	AMS
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	3.7	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:11	AMS
9Cl-PF3ONS (F53B Minor)	ND	3.7	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:11	AMS
11Cl-PF3OUdS (F53B Major)	ND	3.7	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:11	AMS
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	ND	9.2	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:11	AMS
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	ND	46	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:11	AMS
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	ND	46	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:11	AMS
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:11	AMS
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	1.8	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:11	AMS

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

Project Location: Old Bethpage, NY | Sample Description: | Work Order: 24H0543

Date Received: 8/3/2024

Field Sample #: MW-CPC-38-21-391-20240801-0 | Sampled: 8/1/2024 08:30

Sample ID: 24H0543-07

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	1.8	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:11	AMS
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:11	AMS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
13C4-PFBA	75.7	10-130		8/28/24 0:11
13C5-PFPeA	80.9	35-150		8/28/24 0:11
13C5-PFHxA	74.6	55-150		8/28/24 0:11
13C4-PFHpA	77.0	55-150		8/28/24 0:11
13C8-PFOA	71.2	60-140		8/28/24 0:11
13C9-PFNA	74.0	55-140		8/28/24 0:11
13C6-PFDA	75.0	50-140		8/28/24 0:11
13C7-PFUnA	73.6	30-140		8/28/24 0:11
13C2-PFDoA	67.0	10-150		8/28/24 0:11
13C2-PFTeDA	56.4	10-130		8/28/24 0:11
13C3-PFBS	79.9	55-150		8/28/24 0:11
13C3-PFHxS	79.2	55-150		8/28/24 0:11
13C8-PFOS	70.3	45-140		8/28/24 0:11
13C2-4:2FTS	79.0	60-200		8/28/24 0:11
13C2-6:2FTS	78.1	60-200		8/28/24 0:11
13C2-8:2FTS	69.7	50-200		8/28/24 0:11
13C8-PFOSA	60.9	30-130		8/28/24 0:11
D3-NMeFOSA	44.7	15-130		8/28/24 0:11
D5-NEtFOSA	43.9	10-130		8/28/24 0:11
D3-NMeFOSAA	66.5	45-200		8/28/24 0:11
D5-NEtFOSAA	62.7	10-200		8/28/24 0:11
D7-NMeFOSE	50.9	10-150		8/28/24 0:11
D9-NEtFOSE	46.9	10-150		8/28/24 0:11
13C3-HFPO-DA	89.3	25-160		8/28/24 0:11

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

Project Location: Old Bethpage, NY Sample Description: Work Order: 24H0543

Date Received: 8/3/2024

Field Sample #: MW-CPC-38-21-391-20240801-0 Sampled: 8/1/2024 08:30

Sample ID: 24H0543-07

Sample Matrix: Ground 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	12	10	mg/L	1		Draft Method 1633	8/6/24	8/6/24 13:40	LL

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Project Location: Old Bethpage, NY | Sample Description: | Work Order: 24H0543

Date Received: 8/3/2024

Field Sample #: MW-CPC-36-21-374-20240801-2 | Sampled: 8/1/2024 06:45

Sample ID: 24H0543-08

Sample Matrix: Field Blank

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	8/27/24	8/28/24 0:27	AMS
Perfluoropentanoic acid (PFPeA)	ND	1.9	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:27	AMS
Perfluorohexanoic acid (PFHxA)	ND	0.95	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:27	AMS
Perfluoroheptanoic acid (PFHpA)	ND	0.95	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:27	AMS
Perfluorooctanoic acid (PFOA)	ND	0.95	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:27	AMS
Perfluorononanoic acid (PFNA)	ND	0.95	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:27	AMS
Perfluorodecanoic acid (PFDA)	ND	0.95	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:27	AMS
Perfluoroundecanoic acid (PFUnA)	ND	0.95	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:27	AMS
Perfluorododecanoic acid (PFDoA)	ND	0.95	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:27	AMS
Perfluorotridecanoic acid (PFTrDA)	ND	0.95	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:27	AMS
Perfluorotetradecanoic acid (PFTeDA)	ND	0.95	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:27	AMS
Perfluorobutanesulfonic acid (PFBS)	ND	0.95	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:27	AMS
Perfluoropentanesulfonic acid (PFPeS)	ND	0.95	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:27	AMS
Perfluorohexanesulfonic acid (PFHxS)	ND	0.95	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:27	AMS
Perfluoroheptanesulfonic acid (PFHpS)	ND	0.95	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:27	AMS
Perfluorooctanesulfonic acid (PFOS)	ND	0.95	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:27	AMS
Perfluorononanesulfonic acid (PFNS)	ND	0.95	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:27	AMS
Perfluorodecanesulfonic acid (PFDS)	ND	0.95	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:27	AMS
Perfluorododecanesulfonic acid (PFDoS)	ND	0.95	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:27	AMS
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	3.8	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:27	AMS
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	3.8	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:27	AMS
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	3.8	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:27	AMS
Perfluorooctanesulfonamide (PFOSA)	ND	0.95	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:27	AMS
N-methyl perfluoroocatnesulfonamide (NMeFOSA)	ND	0.95	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:27	AMS
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	0.95	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:27	AMS
N-MeFOSAA (NMeFOSAA)	ND	0.95	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:27	AMS
N-EtFOSAA (NEtFOSAA)	ND	0.95	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:27	AMS
N-methylperfluorooctanesulfonamidoethanol(NMeFOSE)	ND	9.5	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:27	AMS
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	9.5	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:27	AMS
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	3.8	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:27	AMS
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	3.8	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:27	AMS
9Cl-PF3ONS (F53B Minor)	ND	3.8	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:27	AMS
11Cl-PF3OUdS (F53B Major)	ND	3.8	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:27	AMS
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	ND	9.5	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:27	AMS
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	ND	48	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:27	AMS
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	ND	48	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:27	AMS
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:27	AMS
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	1.9	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:27	AMS

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Project Location: Old Bethpage, NY | Sample Description: | Work Order: 24H0543

Date Received: 8/3/2024

Field Sample #: MW-CPC-36-21-374-20240801-2 | Sampled: 8/1/2024 06:45

Sample ID: 24H0543-08

Sample Matrix: Field Blank

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	8/27/24	8/28/24 0:27	AMS
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:27	AMS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
13C4-PFBA	76.9	10-130		8/28/24 0:27
13C5-PFPeA	78.4	35-150		8/28/24 0:27
13C5-PFHxA	74.8	55-150		8/28/24 0:27
13C4-PFHpA	76.1	55-150		8/28/24 0:27
13C8-PFOA	75.5	60-140		8/28/24 0:27
13C9-PFNA	78.0	55-140		8/28/24 0:27
13C6-PFDA	72.5	50-140		8/28/24 0:27
13C7-PFUnA	71.2	30-140		8/28/24 0:27
13C2-PFDoA	67.2	10-150		8/28/24 0:27
13C2-PFTeDA	59.6	10-130		8/28/24 0:27
13C3-PFBS	79.6	55-150		8/28/24 0:27
13C3-PFHxS	76.0	55-150		8/28/24 0:27
13C8-PFOS	76.3	45-140		8/28/24 0:27
13C2-4:2FTS	72.2	60-200		8/28/24 0:27
13C2-6:2FTS	76.9	60-200		8/28/24 0:27
13C2-8:2FTS	70.4	50-200		8/28/24 0:27
13C8-PFOSA	69.2	30-130		8/28/24 0:27
D3-NMeFOSA	63.1	15-130		8/28/24 0:27
D5-NEtFOSA	62.9	10-130		8/28/24 0:27
D3-NMeFOSAA	72.9	45-200		8/28/24 0:27
D5-NEtFOSAA	75.0	10-200		8/28/24 0:27
D7-NMeFOSE	61.3	10-150		8/28/24 0:27
D9-NEtFOSE	57.0	10-150		8/28/24 0:27
13C3-HFPO-DA	85.3	25-160		8/28/24 0:27

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Project Location: Old Bethpage, NY | Sample Description: | Work Order: 24H0543

Date Received: 8/3/2024

Field Sample #: MW-CPC-36-21-374-20240801-2 | Sampled: 8/1/2024 06:45

Sample ID: 24H0543-08

Sample Matrix: Field Blank

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	8/6/24	8/6/24 13:40	LL

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Project Location: Old Bethpage, NY | Sample Description: | Work Order: 24H0543

Date Received: 8/3/2024

Field Sample #: MW-CPC-41-21-25-20240801-0 | Sampled: 8/1/2024 10:35

Sample ID: 24H0543-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
Methylene Chloride	ND	5.0	µg/L	1	V-05	SW-846 8260D	8/7/24	8/7/24 13:54	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD

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Project Location: Old Bethpage, NY | Sample Description: | Work Order: 24H0543

Date Received: 8/3/2024

Field Sample #: MW-CPC-41-21-25-20240801-0 | Sampled: 8/1/2024 10:35

Sample ID: 24H0543-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
Tetrachloroethylene	7.1	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 13:54	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	106	70-130		8/7/24 13:54
Toluene-d8	101	70-130		8/7/24 13:54
4-Bromofluorobenzene	103	70-130		8/7/24 13:54

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Project Location: Old Bethpage, NY Sample Description: Work Order: 24H0543

Date Received: 8/3/2024

Field Sample #: MW-CPC-41-21-25-20240801-0 Sampled: 8/1/2024 10:35

Sample ID: 24H0543-09

Sample Matrix: Ground Water

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	2.3	0.19	µg/L	1		SW-846 8270E	8/6/24	8/27/24 17:09	GJB
1,4-Dioxane	2.3	0.19	µg/L	1		SW-846 8270E	8/28/24	8/30/24 13:28	GJB

Surrogates	% Recovery		Recovery Limits	Flag/Qual		
1,4-Dioxane-d8	23.3		15-110		8/30/24 13:28	
1,4-Dioxane-d8	**6.41**	*	15-110	S-10	8/27/24 17:09	

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Project Location: Old Bethpage, NY | Sample Description: | Work Order: 24H0543

Date Received: 8/3/2024

Field Sample #: MW-CPC-41-21-25-20240801-0 | Sampled: 8/1/2024 10:35

Sample ID: 24H0543-09

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	17	3.6	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:43	AMS
Perfluoropentanoic acid (PFPeA)	34	1.8	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:43	AMS
Perfluorohexanoic acid (PFHxA)	23	0.91	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:43	AMS
Perfluoroheptanoic acid (PFHpA)	14	0.91	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:43	AMS
Perfluorooctanoic acid (PFOA)	29	0.91	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:43	AMS
Perfluorononanoic acid (PFNA)	100	0.91	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:43	AMS
Perfluorodecanoic acid (PFDA)	ND	0.91	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:43	AMS
Perfluoroundecanoic acid (PFUnA)	ND	0.91	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:43	AMS
Perfluorododecanoic acid (PFDoA)	ND	0.91	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:43	AMS
Perfluorotridecanoic acid (PFTrDA)	ND	0.91	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:43	AMS
Perfluorotetradecanoic acid (PFTeDA)	ND	0.91	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:43	AMS
Perfluorobutanesulfonic acid (PFBS)	2.3	0.91	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:43	AMS
Perfluoropentanesulfonic acid (PFPeS)	1.9	0.91	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:43	AMS
Perfluorohexanesulfonic acid (PFHxS)	8.1	0.91	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:43	AMS
Perfluoroheptanesulfonic acid (PFHpS)	ND	0.91	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:43	AMS
Perfluorooctanesulfonic acid (PFOS)	25	0.91	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:43	AMS
Perfluorononanesulfonic acid (PFNS)	ND	0.91	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:43	AMS
Perfluorodecanesulfonic acid (PFDS)	ND	0.91	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:43	AMS
Perfluorododecanesulfonic acid (PFDoS)	ND	0.91	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:43	AMS
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	3.6	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:43	AMS
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	3.6	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:43	AMS
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	3.6	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:43	AMS
Perfluorooctanesulfonamide (PFOSA)	ND	0.91	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:43	AMS
N-methyl perfluoroocatnesulfonamide (NMeFOSA)	ND	0.91	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:43	AMS
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	0.91	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:43	AMS
N-MeFOSAA (NMeFOSAA)	ND	0.91	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:43	AMS
N-EtFOSAA (NEtFOSAA)	ND	0.91	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:43	AMS
N-methylperfluorooctanesulfonamidoethanol(NMeFOSE)	ND	9.1	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:43	AMS
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	9.1	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:43	AMS
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	3.6	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:43	AMS
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	3.6	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:43	AMS
9Cl-PF3ONS (F53B Minor)	ND	3.6	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:43	AMS
11Cl-PF3OUdS (F53B Major)	ND	3.6	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:43	AMS
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	ND	9.1	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:43	AMS
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	ND	45	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:43	AMS
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	ND	45	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:43	AMS
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:43	AMS
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	1.8	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:43	AMS

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Project Location: Old Bethpage, NY Sample Description: Work Order: 24H0543

Date Received: 8/3/2024

Field Sample #: MW-CPC-41-21-25-20240801-0 Sampled: 8/1/2024 10:35

Sample ID: 24H0543-09

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	1.8	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:43	AMS
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:43	AMS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
13C4-PFBA	69.9	10-130		8/28/24 0:43
13C5-PFPeA	72.8	35-150		8/28/24 0:43
13C5-PFHxA	71.0	55-150		8/28/24 0:43
13C4-PFHpA	71.1	55-150		8/28/24 0:43
13C8-PFOA	66.7	60-140		8/28/24 0:43
13C9-PFNA	66.8	55-140		8/28/24 0:43
13C6-PFDA	68.3	50-140		8/28/24 0:43
13C7-PFUnA	65.0	30-140		8/28/24 0:43
13C2-PFDoA	57.2	10-150		8/28/24 0:43
13C2-PFTeDA	52.2	10-130		8/28/24 0:43
13C3-PFBS	74.7	55-150		8/28/24 0:43
13C3-PFHxS	68.1	55-150		8/28/24 0:43
13C8-PFOS	68.4	45-140		8/28/24 0:43
13C2-4:2FTS	63.0	60-200		8/28/24 0:43
13C2-6:2FTS	69.4	60-200		8/28/24 0:43
13C2-8:2FTS	60.7	50-200		8/28/24 0:43
13C8-PFOSA	58.8	30-130		8/28/24 0:43
D3-NMeFOSA	46.5	15-130		8/28/24 0:43
D5-NEtFOSA	48.3	10-130		8/28/24 0:43
D3-NMeFOSAA	55.5	45-200		8/28/24 0:43
D5-NEtFOSAA	55.2	10-200		8/28/24 0:43
D7-NMeFOSE	50.5	10-150		8/28/24 0:43
D9-NEtFOSE	45.9	10-150		8/28/24 0:43
13C3-HFPO-DA	79.8	25-160		8/28/24 0:43

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Project Location: Old Bethpage, NY Sample Description: Work Order: 24H0543

Date Received: 8/3/2024

Field Sample #: MW-CPC-41-21-25-20240801-0 Sampled: 8/1/2024 10:35

Sample ID: 24H0543-09

Sample Matrix: Ground 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	8/6/24	8/6/24 13:40	LL

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Project Location: Old Bethpage, NY | Sample Description: | Work Order: 24H0543

Date Received: 8/3/2024

Field Sample #: MW-CPC-40-21-312-20240731-1 | Sampled: 7/31/2024 00:00

Sample ID: 24H0543-10

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
1,1-Dichloroethane	6.0	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
1,1-Dichloroethylene	1.5	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
Methylene Chloride	ND	5.0	µg/L	1	V-05	SW-846 8260D	8/7/24	8/7/24 14:20	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD

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Project Location: Old Bethpage, NY | Sample Description: | Work Order: 24H0543

Date Received: 8/3/2024

Field Sample #: MW-CPC-40-21-312-20240731-1 | Sampled: 7/31/2024 00:00

Sample ID: 24H0543-10

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
1,1,1-Trichloroethane	1.8	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
Trichloroethylene	2.2	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/7/24	8/7/24 14:20	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	104	70-130		8/7/24 14:20
Toluene-d8	99.9	70-130		8/7/24 14:20
4-Bromofluorobenzene	103	70-130		8/7/24 14:20

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Project Location: Old Bethpage, NY Sample Description: Work Order: 24H0543

Date Received: 8/3/2024

Field Sample #: MW-CPC-40-21-312-20240731-1 Sampled: 7/31/2024 00:00

Sample ID: 24H0543-10

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	8/6/24	8/27/24 17:29	GJB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,4-Dioxane-d8	17.5	15-110		8/27/24 17:29

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Project Location: Old Bethpage, NY | Sample Description: | Work Order: 24H0543

Date Received: 8/3/2024

Field Sample #: MW-CPC-40-21-312-20240731-1 | Sampled: 7/31/2024 00:00

Sample ID: 24H0543-10

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	ND	3.8	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:58	AMS
Perfluoropentanoic acid (PFPeA)	ND	1.9	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:58	AMS
Perfluorohexanoic acid (PFHxA)	ND	0.96	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:58	AMS
Perfluoroheptanoic acid (PFHpA)	ND	0.96	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:58	AMS
Perfluorooctanoic acid (PFOA)	ND	0.96	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:58	AMS
Perfluorononanoic acid (PFNA)	ND	0.96	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:58	AMS
Perfluorodecanoic acid (PFDA)	ND	0.96	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:58	AMS
Perfluoroundecanoic acid (PFUnA)	ND	0.96	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:58	AMS
Perfluorododecanoic acid (PFDoA)	ND	0.96	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:58	AMS
Perfluorotridecanoic acid (PFTrDA)	ND	0.96	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:58	AMS
Perfluorotetradecanoic acid (PFTeDA)	ND	0.96	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:58	AMS
Perfluorobutanesulfonic acid (PFBS)	ND	0.96	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:58	AMS
Perfluoropentanesulfonic acid (PFPeS)	ND	0.96	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:58	AMS
Perfluorohexanesulfonic acid (PFHxS)	ND	0.96	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:58	AMS
Perfluoroheptanesulfonic acid (PFHpS)	ND	0.96	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:58	AMS
Perfluorooctanesulfonic acid (PFOS)	ND	0.96	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:58	AMS
Perfluorononanesulfonic acid (PFNS)	ND	0.96	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:58	AMS
Perfluorodecanesulfonic acid (PFDS)	ND	0.96	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:58	AMS
Perfluorododecanesulfonic acid (PFDoS)	ND	0.96	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:58	AMS
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	3.8	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:58	AMS
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	3.8	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:58	AMS
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	3.8	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:58	AMS
Perfluorooctanesulfonamide (PFOSA)	ND	0.96	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:58	AMS
N-methyl perfluoroocatnesulfonamide (NMeFOSA)	ND	0.96	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:58	AMS
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	0.96	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:58	AMS
N-MeFOSAA (NMeFOSAA)	ND	0.96	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:58	AMS
N-EtFOSAA (NEtFOSAA)	ND	0.96	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:58	AMS
N-methylperfluorooctanesulfonamidoethanol(NMeFOSE)	ND	9.6	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:58	AMS
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	9.6	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:58	AMS
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	3.8	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:58	AMS
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	3.8	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:58	AMS
9Cl-PF3ONS (F53B Minor)	ND	3.8	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:58	AMS
11Cl-PF3OUdS (F53B Major)	ND	3.8	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:58	AMS
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	ND	9.6	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:58	AMS
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	ND	48	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:58	AMS
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	ND	48	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:58	AMS
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:58	AMS
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	1.9	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:58	AMS

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Project Location: Old Bethpage, NY | Sample Description: | Work Order: 24H0543

Date Received: 8/3/2024

Field Sample #: MW-CPC-40-21-312-20240731-1 | Sampled: 7/31/2024 00:00

Sample ID: 24H0543-10

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	1.9	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:58	AMS
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	ng/L	1		Draft Method 1633	8/27/24	8/28/24 0:58	AMS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
13C4-PFBA	75.9	10-130		8/28/24 0:58
13C5-PFPeA	77.2	35-150		8/28/24 0:58
13C5-PFHxA	73.4	55-150		8/28/24 0:58
13C4-PFHpA	75.3	55-150		8/28/24 0:58
13C8-PFOA	71.9	60-140		8/28/24 0:58
13C9-PFNA	74.7	55-140		8/28/24 0:58
13C6-PFDA	71.7	50-140		8/28/24 0:58
13C7-PFUnA	67.3	30-140		8/28/24 0:58
13C2-PFDoA	60.8	10-150		8/28/24 0:58
13C2-PFTeDA	53.1	10-130		8/28/24 0:58
13C3-PFBS	77.5	55-150		8/28/24 0:58
13C3-PFHxS	72.5	55-150		8/28/24 0:58
13C8-PFOS	70.2	45-140		8/28/24 0:58
13C2-4:2FTS	68.2	60-200		8/28/24 0:58
13C2-6:2FTS	65.3	60-200		8/28/24 0:58
13C2-8:2FTS	60.3	50-200		8/28/24 0:58
13C8-PFOSA	59.8	30-130		8/28/24 0:58
D3-NMeFOSA	52.2	15-130		8/28/24 0:58
D5-NEtFOSA	51.7	10-130		8/28/24 0:58
D3-NMeFOSAA	60.4	45-200		8/28/24 0:58
D5-NEtFOSAA	59.5	10-200		8/28/24 0:58
D7-NMeFOSE	52.3	10-150		8/28/24 0:58
D9-NEtFOSE	48.1	10-150		8/28/24 0:58
13C3-HFPO-DA	82.9	25-160		8/28/24 0:58

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Project Location: Old Bethpage, NY Sample Description: Work Order: 24H0543

Date Received: 8/3/2024

Field Sample #: MW-CPC-40-21-312-20240731-1 Sampled: 7/31/2024 00:00

Sample ID: 24H0543-10

Sample Matrix: Ground 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	8/6/24	8/6/24 13:40	LL

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Sample Extraction Data

Draft Method 1633

Lab Number [Field ID]	Batch	Initial [mL]	Date
24H0543-02 [MW-CPC-37-21-445-20240731-0]	B382045	50.0	08/06/24
24H0543-04 [MW-CPC-40-21-312-20240731-0]	B382045	50.0	08/06/24
24H0543-05 [MW-CPC-39-21-374-20240731-0]	B382045	50.0	08/06/24
24H0543-06 [MW-CPC-36-21-374-20240731-0]	B382045	50.0	08/06/24
24H0543-07 [MW-CPC-38-21-391-20240801-0]	B382045	50.0	08/06/24
24H0543-08 [MW-CPC-36-21-374-20240801-2]	B382045	50.0	08/06/24
24H0543-09 [MW-CPC-41-21-25-20240801-0]	B382045	50.0	08/06/24
24H0543-10 [MW-CPC-40-21-312-20240731-1]	B382045	50.0	08/06/24

Prep Method:Draft Method 1633 **Analytical Method:Draft Method 1633** **Leachates were extracted on 8/6/2024 per NO PREP in Batch B382045**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
24H0543-02 [MW-CPC-37-21-445-20240731-0]	B382739	556	5.00	08/27/24
24H0543-04 [MW-CPC-40-21-312-20240731-0]	B382739	537	5.00	08/27/24
24H0543-05 [MW-CPC-39-21-374-20240731-0]	B382739	513	5.00	08/27/24
24H0543-06 [MW-CPC-36-21-374-20240731-0]	B382739	556	5.00	08/27/24
24H0543-07 [MW-CPC-38-21-391-20240801-0]	B382739	542	5.00	08/27/24
24H0543-08 [MW-CPC-36-21-374-20240801-2]	B382739	526	5.00	08/27/24
24H0543-09 [MW-CPC-41-21-25-20240801-0]	B382739	552	5.00	08/27/24
24H0543-10 [MW-CPC-40-21-312-20240731-1]	B382739	521	5.00	08/27/24

Prep Method:SW-846 5035 **Analytical Method:SW-846 8260D**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
24H0543-01 [TB-CP-QC-20240307]	B382176	5	5.00	08/07/24
24H0543-02 [MW-CPC-37-21-445-20240731-0]	B382176	5	5.00	08/07/24
24H0543-04 [MW-CPC-40-21-312-20240731-0]	B382176	5	5.00	08/07/24
24H0543-05 [MW-CPC-39-21-374-20240731-0]	B382176	5	5.00	08/07/24
24H0543-06 [MW-CPC-36-21-374-20240731-0]	B382176	5	5.00	08/07/24
24H0543-07 [MW-CPC-38-21-391-20240801-0]	B382176	5	5.00	08/07/24
24H0543-09 [MW-CPC-41-21-25-20240801-0]	B382176	5	5.00	08/07/24
24H0543-10 [MW-CPC-40-21-312-20240731-1]	B382176	5	5.00	08/07/24

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
24H0543-02 [MW-CPC-37-21-445-20240731-0]	B382078	1060	1.00	08/06/24
24H0543-04 [MW-CPC-40-21-312-20240731-0]	B382078	1020	1.00	08/06/24
24H0543-05 [MW-CPC-39-21-374-20240731-0]	B382078	1040	1.00	08/06/24
24H0543-06 [MW-CPC-36-21-374-20240731-0]	B382078	1020	1.00	08/06/24
24H0543-07 [MW-CPC-38-21-391-20240801-0]	B382078	1040	1.00	08/06/24
24H0543-09 [MW-CPC-41-21-25-20240801-0]	B382078	1060	1.00	08/06/24
24H0543-10 [MW-CPC-40-21-312-20240731-1]	B382078	1040	1.00	08/06/24

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
24H0543-07RE1 [MW-CPC-38-21-391-20240801-0]	B384344	1040	1.00	08/28/24
24H0543-09RE1 [MW-CPC-41-21-25-20240801-0]	B384344	1050	1.00	08/28/24

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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 B382176 - SW-846 5035										
Blank (B382176-BLK1)				Prepared & Analyzed: 08/07/24						
Acetone	ND	50	µg/L							
Benzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
Carbon Disulfide	ND	5.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
Cyclohexane	ND	5.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl Acetate	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methyl Cyclohexane	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							V-05
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B382176 - SW-846 5035										
Blank (B382176-BLK1)				Prepared & Analyzed: 08/07/24						
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,2,3-Trichloropropane	ND	2.0	µg/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L							
1,2,4-Trimethylbenzene	ND	1.0	µg/L							
1,3,5-Trimethylbenzene	ND	1.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	1.0	µg/L							
Xylenes (total)	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	*25.3*		µg/L	25.0		101	70-130			
Surrogate: Toluene-d8	*24.9*		µg/L	25.0		99.8	70-130			
Surrogate: 4-Bromofluorobenzene	*25.8*		µg/L	25.0		103	70-130			
LCS (B382176-BS1)				Prepared & Analyzed: 08/07/24						
Acetone	80.1	50	µg/L	100		80.1	70-160			†
Benzene	10.7	1.0	µg/L	10.0		107	70-130			
Bromochloromethane	10.2	1.0	µg/L	10.0		102	70-130			
Bromodichloromethane	10.4	0.50	µg/L	10.0		104	70-130			
Bromoform	9.40	1.0	µg/L	10.0		94.0	70-130			
Bromomethane	9.15	2.0	µg/L	10.0		91.5	40-160			†
2-Butanone (MEK)	105	20	µg/L	100		105	40-160			†
n-Butylbenzene	10.0	1.0	µg/L	10.0		100	70-130			
sec-Butylbenzene	9.43	1.0	µg/L	10.0		94.3	70-130			
tert-Butylbenzene	9.51	1.0	µg/L	10.0		95.1	70-130			
Carbon Disulfide	103	5.0	µg/L	100		103	70-130			
Carbon Tetrachloride	10.0	5.0	µg/L	10.0		100	70-130			
Chlorobenzene	10.2	1.0	µg/L	10.0		102	70-130			
Chlorodibromomethane	10.4	0.50	µg/L	10.0		104	70-130			
Chloroethane	8.10	2.0	µg/L	10.0		81.0	70-130			
Chloroform	10.2	2.0	µg/L	10.0		102	70-130			
Chloromethane	8.69	2.0	µg/L	10.0		86.9	40-160			†
Cyclohexane	10.2	5.0	µg/L	10.0		102	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	9.36	5.0	µg/L	10.0		93.6	70-130			
1,2-Dibromoethane (EDB)	11.3	0.50	µg/L	10.0		113	70-130			
1,2-Dichlorobenzene	9.58	1.0	µg/L	10.0		95.8	70-130			
1,3-Dichlorobenzene	9.76	1.0	µg/L	10.0		97.6	70-130			
1,4-Dichlorobenzene	9.42	1.0	µg/L	10.0		94.2	70-130			
Dichlorodifluoromethane (Freon 12)	10.1	2.0	µg/L	10.0		101	40-160			†
1,1-Dichloroethane	10.2	1.0	µg/L	10.0		102	70-130			
1,2-Dichloroethane	9.97	1.0	µg/L	10.0		99.7	70-130			
1,1-Dichloroethylene	8.62	1.0	µg/L	10.0		86.2	70-130			
cis-1,2-Dichloroethylene	10.3	1.0	µg/L	10.0		103	70-130			
trans-1,2-Dichloroethylene	10.0	1.0	µg/L	10.0		100	70-130			
1,2-Dichloropropane	11.0	1.0	µg/L	10.0		110	70-130			
cis-1,3-Dichloropropene	10.5	0.50	µg/L	10.0		105	70-130			
trans-1,3-Dichloropropene	10.5	0.50	µg/L	10.0		105	70-130			
Ethylbenzene	10.4	1.0	µg/L	10.0		104	70-130			
2-Hexanone (MBK)	111	10	µg/L	100		111	70-160			†
Isopropylbenzene (Cumene)	10.1	1.0	µg/L	10.0		101	70-130			
p-Isopropyltoluene (p-Cymene)	9.55	1.0	µg/L	10.0		95.5	70-130			
Methyl Acetate	9.86	1.0	µg/L	10.0		98.6	70-130			
Methyl tert-Butyl Ether (MTBE)	9.83	1.0	µg/L	10.0		98.3	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 B382176 - SW-846 5035											
LCS (B382176-BS1)				Prepared & Analyzed: 08/07/24							
Methyl Cyclohexane	11.6	1.0	µg/L	10.0		116	70-130				
Methylene Chloride	9.23	5.0	µg/L	10.0		92.3	70-130			V-05	
4-Methyl-2-pentanone (MIBK)	112	10	µg/L	100		112	70-160				†
Naphthalene	9.96	2.0	µg/L	10.0		99.6	40-130				†
n-Propylbenzene	10.3	1.0	µg/L	10.0		103	70-130				
Styrene	10.4	1.0	µg/L	10.0		104	70-130				
1,1,2,2-Tetrachloroethane	11.3	0.50	µg/L	10.0		113	70-130				
Tetrachloroethylene	11.5	1.0	µg/L	10.0		115	70-130				
Toluene	10.7	1.0	µg/L	10.0		107	70-130				
1,2,3-Trichlorobenzene	10.4	5.0	µg/L	10.0		104	70-130				
1,2,4-Trichlorobenzene	10.2	1.0	µg/L	10.0		102	70-130				
1,1,1-Trichloroethane	10.5	1.0	µg/L	10.0		105	70-130				
1,1,2-Trichloroethane	11.4	1.0	µg/L	10.0		114	70-130				
Trichloroethylene	11.3	1.0	µg/L	10.0		113	70-130				
Trichlorofluoromethane (Freon 11)	10.2	2.0	µg/L	10.0		102	70-130				
1,2,3-Trichloropropane	11.4	2.0	µg/L	10.0		114	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3	1.0	µg/L	10.0		103	70-130				
1,2,4-Trimethylbenzene	9.71	1.0	µg/L	10.0		97.1	70-130				
1,3,5-Trimethylbenzene	10.6	1.0	µg/L	10.0		106	70-130				
Vinyl Chloride	8.71	2.0	µg/L	10.0		87.1	40-160				†
m+p Xylene	20.2	2.0	µg/L	20.0		101	70-130				
o-Xylene	9.95	1.0	µg/L	10.0		99.5	70-130				
Xylenes (total)	30.1	1.0	µg/L	30.0		100	0-200				
Surrogate: 1,2-Dichloroethane-d4	*25.0*		µg/L	25.0		100	70-130				
Surrogate: Toluene-d8	*25.4*		µg/L	25.0		102	70-130				
Surrogate: 4-Bromofluorobenzene	*25.8*		µg/L	25.0		103	70-130				
LCS Dup (B382176-BSD1)				Prepared & Analyzed: 08/07/24							
Acetone	80.8	50	µg/L	100		80.8	70-160	0.833	25		†
Benzene	10.3	1.0	µg/L	10.0		103	70-130	3.33	25		
Bromochloromethane	10.5	1.0	µg/L	10.0		105	70-130	3.10	25		
Bromodichloromethane	10.2	0.50	µg/L	10.0		102	70-130	1.74	25		
Bromoform	9.41	1.0	µg/L	10.0		94.1	70-130	0.106	25		
Bromomethane	10.3	2.0	µg/L	10.0		103	40-160	11.9	25		†
2-Butanone (MEK)	106	20	µg/L	100		106	40-160	0.998	25		†
n-Butylbenzene	9.60	1.0	µg/L	10.0		96.0	70-130	4.28	25		
sec-Butylbenzene	9.14	1.0	µg/L	10.0		91.4	70-130	3.12	25		
tert-Butylbenzene	9.29	1.0	µg/L	10.0		92.9	70-130	2.34	25		
Carbon Disulfide	98.4	5.0	µg/L	100		98.4	70-130	4.82	25		
Carbon Tetrachloride	9.54	5.0	µg/L	10.0		95.4	70-130	5.01	25		
Chlorobenzene	10.0	1.0	µg/L	10.0		100	70-130	1.69	25		
Chlorodibromomethane	10.2	0.50	µg/L	10.0		102	70-130	2.23	25		
Chloroethane	7.66	2.0	µg/L	10.0		76.6	70-130	5.58	25		
Chloroform	10.3	2.0	µg/L	10.0		103	70-130	1.07	25		
Chloromethane	8.01	2.0	µg/L	10.0		80.1	40-160	8.14	25		†
Cyclohexane	9.60	5.0	µg/L	10.0		96.0	70-130	5.57	25		
1,2-Dibromo-3-chloropropane (DBCP)	9.20	5.0	µg/L	10.0		92.0	70-130	1.72	25		
1,2-Dibromoethane (EDB)	11.1	0.50	µg/L	10.0		111	70-130	1.78	25		
1,2-Dichlorobenzene	9.42	1.0	µg/L	10.0		94.2	70-130	1.68	25		
1,3-Dichlorobenzene	9.39	1.0	µg/L	10.0		93.9	70-130	3.86	25		
1,4-Dichlorobenzene	9.31	1.0	µg/L	10.0		93.1	70-130	1.17	25		
Dichlorodifluoromethane (Freon 12)	9.56	2.0	µg/L	10.0		95.6	40-160	5.20	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 B382176 - SW-846 5035											
LCS Dup (B382176-BSD1)				Prepared & Analyzed: 08/07/24							
1,1-Dichloroethane	9.87	1.0	µg/L	10.0		98.7	70-130	3.09	25		
1,2-Dichloroethane	10.3	1.0	µg/L	10.0		103	70-130	2.96	25		
1,1-Dichloroethylene	8.09	1.0	µg/L	10.0		80.9	70-130	6.34	25		
cis-1,2-Dichloroethylene	10.2	1.0	µg/L	10.0		102	70-130	1.37	25		
trans-1,2-Dichloroethylene	9.61	1.0	µg/L	10.0		96.1	70-130	3.98	25		
1,2-Dichloropropane	10.7	1.0	µg/L	10.0		107	70-130	2.31	25		
cis-1,3-Dichloropropene	10.6	0.50	µg/L	10.0		106	70-130	0.474	25		
trans-1,3-Dichloropropene	10.1	0.50	µg/L	10.0		101	70-130	4.57	25		
Ethylbenzene	10.1	1.0	µg/L	10.0		101	70-130	2.15	25		
2-Hexanone (MBK)	109	10	µg/L	100		109	70-160	1.31	25		†
Isopropylbenzene (Cumene)	9.81	1.0	µg/L	10.0		98.1	70-130	3.31	25		
p-Isopropyltoluene (p-Cymene)	9.25	1.0	µg/L	10.0		92.5	70-130	3.19	25		
Methyl Acetate	9.87	1.0	µg/L	10.0		98.7	70-130	0.101	25		
Methyl tert-Butyl Ether (MTBE)	9.85	1.0	µg/L	10.0		98.5	70-130	0.203	25		
Methyl Cyclohexane	10.9	1.0	µg/L	10.0		109	70-130	5.95	25		
Methylene Chloride	9.17	5.0	µg/L	10.0		91.7	70-130	0.652	25	V-05	
4-Methyl-2-pentanone (MIBK)	111	10	µg/L	100		111	70-160	1.11	25		†
Naphthalene	9.97	2.0	µg/L	10.0		99.7	40-130	0.100	25		†
n-Propylbenzene	10.0	1.0	µg/L	10.0		100	70-130	2.94	25		
Styrene	10.3	1.0	µg/L	10.0		103	70-130	1.45	25		
1,1,2,2-Tetrachloroethane	11.4	0.50	µg/L	10.0		114	70-130	0.704	25		
Tetrachloroethylene	11.5	1.0	µg/L	10.0		115	70-130	0.00	25		
Toluene	10.2	1.0	µg/L	10.0		102	70-130	4.31	25		
1,2,3-Trichlorobenzene	10.5	5.0	µg/L	10.0		105	70-130	1.63	25		
1,2,4-Trichlorobenzene	10.0	1.0	µg/L	10.0		100	70-130	1.97	25		
1,1,1-Trichloroethane	10.1	1.0	µg/L	10.0		101	70-130	4.09	25		
1,1,2-Trichloroethane	11.2	1.0	µg/L	10.0		112	70-130	1.87	25		
Trichloroethylene	10.8	1.0	µg/L	10.0		108	70-130	4.43	25		
Trichlorofluoromethane (Freon 11)	9.00	2.0	µg/L	10.0		90.0	70-130	12.6	25		
1,2,3-Trichloropropane	11.2	2.0	µg/L	10.0		112	70-130	1.24	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.66	1.0	µg/L	10.0		96.6	70-130	6.02	25		
1,2,4-Trimethylbenzene	9.49	1.0	µg/L	10.0		94.9	70-130	2.29	25		
1,3,5-Trimethylbenzene	10.3	1.0	µg/L	10.0		103	70-130	3.24	25		
Vinyl Chloride	8.10	2.0	µg/L	10.0		81.0	40-160	7.26	25		†
m+p Xylene	19.6	2.0	µg/L	20.0		98.0	70-130	2.92	25		
o-Xylene	9.81	1.0	µg/L	10.0		98.1	70-130	1.42	25		
Xylenes (total)	29.4	1.0	µg/L	30.0		98.0	0-200	2.42			
Surrogate: 1,2-Dichloroethane-d4	*26.0*		µg/L	25.0		104	70-130				
Surrogate: Toluene-d8	*25.1*		µg/L	25.0		100	70-130				
Surrogate: 4-Bromofluorobenzene	*26.3*		µg/L	25.0		105	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 B382078 - SW-846 3510C										
Blank (B382078-BLK1)				Prepared: 08/06/24 Analyzed: 08/15/24						
1,4-Dioxane	ND	0.20	µg/L							
Surrogate: 1,4-Dioxane-d8	*2.34*		µg/L	10.0		23.4	15-110			
LCS (B382078-BS1)				Prepared: 08/06/24 Analyzed: 08/15/24						
1,4-Dioxane	8.22	0.20	µg/L	10.0		82.2	40-140			
Surrogate: 1,4-Dioxane-d8	*2.33*		µg/L	10.0		23.3	15-110			
LCS Dup (B382078-BSD1)				Prepared: 08/06/24 Analyzed: 08/15/24						
1,4-Dioxane	7.76	0.20	µg/L	10.0		77.6	40-140	5.77	30	
Surrogate: 1,4-Dioxane-d8	*2.69*		µg/L	10.0		26.9	15-110			
Batch B384344 - SW-846 3510C										
Blank (B384344-BLK1)				Prepared: 08/28/24 Analyzed: 08/30/24						
1,4-Dioxane	ND	0.20	µg/L							
Surrogate: 1,4-Dioxane-d8	*2.41*		µg/L	10.0		24.1	15-110			
LCS (B384344-BS1)				Prepared: 08/28/24 Analyzed: 08/30/24						
1,4-Dioxane	8.37	0.20	µg/L	10.0		83.7	40-140			
Surrogate: 1,4-Dioxane-d8	*2.41*		µg/L	10.0		24.1	15-110			
LCS Dup (B384344-BSD1)				Prepared: 08/28/24 Analyzed: 08/30/24						
1,4-Dioxane	8.61	0.20	µg/L	10.0		86.1	40-140	2.76	30	
Surrogate: 1,4-Dioxane-d8	*2.64*		µg/L	10.0		26.4	15-110			

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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 B382739 - Draft Method 1633										
Blank (B382739-BLK1)				Prepared & Analyzed: 08/27/24						
Perfluorobutanoic acid (PFBA)	ND	3.9	ng/L							
Perfluoropentanoic acid (PFPeA)	ND	2.0	ng/L							
Perfluorohexanoic acid (PFHxA)	ND	0.98	ng/L							
Perfluoroheptanoic acid (PFHpA)	ND	0.98	ng/L							
Perfluorooctanoic acid (PFOA)	ND	0.98	ng/L							
Perfluorononanoic acid (PFNA)	ND	0.98	ng/L							
Perfluorodecanoic acid (PFDA)	ND	0.98	ng/L							
Perfluoroundecanoic acid (PFUnA)	ND	0.98	ng/L							
Perfluorododecanoic acid (PFDoA)	ND	0.98	ng/L							
Perfluorotridecanoic acid (PFTrDA)	ND	0.98	ng/L							
Perfluorotetradecanoic acid (PFTeDA)	ND	0.98	ng/L							
Perfluorobutanesulfonic acid (PFBS)	ND	0.98	ng/L							
Perfluoropentanesulfonic acid (PFPeS)	ND	0.98	ng/L							
Perfluorohexanesulfonic acid (PFHxS)	ND	0.98	ng/L							
Perfluoroheptanesulfonic acid (PFHpS)	ND	0.98	ng/L							
Perfluorooctanesulfonic acid (PFOS)	ND	0.98	ng/L							
Perfluorononanesulfonic acid (PFNS)	ND	0.98	ng/L							
Perfluorodecanesulfonic acid (PFDS)	ND	0.98	ng/L							
Perfluorododecanesulfonic acid (PFDoS)	ND	0.98	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	0.98	ng/L							
N-methyl perfluoroocatnesulfonamide (NMeFOSA)	ND	0.98	ng/L							
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	0.98	ng/L							
N-MeFOSAA (NMeFOSAA)	ND	0.98	ng/L							
N-EtFOSAA (NEtFOSAA)	ND	0.98	ng/L							
N-methylperfluorooctanesulfonamidoethanol(NMeFOSE)	ND	9.8	ng/L							
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	9.8	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	9.8	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	*83.3*		ng/L	97.6		85.3	10-130			

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QUALITY CONTROL

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B382739 - Draft Method 1633										
Blank (B382739-BLK1)				Prepared & Analyzed: 08/27/24						
Surrogate: 13C5-PFPeA	*42.4*		ng/L	48.8		86.9	35-150			
Surrogate: 13C5-PFHxA	*20.5*		ng/L	24.4		84.0	55-150			
Surrogate: 13C4-PFHpA	*20.9*		ng/L	24.4		85.6	55-150			
Surrogate: 13C8-PFOA	*19.8*		ng/L	24.4		81.1	60-140			
Surrogate: 13C9-PFNA	*10.2*		ng/L	12.2		83.5	55-140			
Surrogate: 13C6-PFDA	*10.0*		ng/L	12.2		82.3	50-140			
Surrogate: 13C7-PFUnA	*10.2*		ng/L	12.2		83.3	30-140			
Surrogate: 13C2-PFDoA	*9.02*		ng/L	12.2		73.9	10-150			
Surrogate: 13C2-PFTeDA	*8.22*		ng/L	12.2		67.4	10-130			
Surrogate: 13C3-PFBS	*21.9*		ng/L	24.4		89.8	55-150			
Surrogate: 13C3-PFHxS	*20.3*		ng/L	24.4		83.4	55-150			
Surrogate: 13C8-PFOS	*19.6*		ng/L	24.4		80.2	45-140			
Surrogate: 13C2-4:2FTS	*40.5*		ng/L	48.8		82.9	60-200			
Surrogate: 13C2-6:2FTS	*42.0*		ng/L	48.8		86.0	60-200			
Surrogate: 13C2-8:2FTS	*37.9*		ng/L	48.8		77.6	50-200			
Surrogate: 13C8-PFOSA	*17.7*		ng/L	24.4		72.7	30-130			
Surrogate: D3-NMeFOSA	*14.3*		ng/L	24.4		58.4	15-130			
Surrogate: D5-NEtFOSA	*14.6*		ng/L	24.4		60.0	10-130			
Surrogate: D3-NMeFOSAA	*38.4*		ng/L	48.8		78.7	45-200			
Surrogate: D5-NEtFOSAA	*35.7*		ng/L	48.8		73.1	10-200			
Surrogate: D7-NMeFOSE	*156*		ng/L	244		63.8	10-150			
Surrogate: D9-NEtFOSE	*142*		ng/L	244		58.1	10-150			
Surrogate: 13C3-HFPO-DA	*91.0*		ng/L	97.6		93.2	25-160			
LCS (B382739-BS1)				Prepared & Analyzed: 08/27/24						
Perfluorobutanoic acid (PFBA)	101	3.9	ng/L	93.7		108	58-148			
Perfluoropentanoic acid (PFPeA)	51.0	2.0	ng/L	46.9		109	54-152			
Perfluorohexanoic acid (PFHxA)	25.0	0.98	ng/L	23.4		107	55-152			
Perfluoroheptanoic acid (PFHpA)	24.8	0.98	ng/L	23.4		106	54-154			
Perfluorooctanoic acid (PFOA)	26.6	0.98	ng/L	23.4		113	52-161			
Perfluorononanoic acid (PFNA)	25.5	0.98	ng/L	23.4		109	59-149			
Perfluorodecanoic acid (PFDA)	23.9	0.98	ng/L	23.4		102	52-147			
Perfluoroundecanoic acid (PFUnA)	23.8	0.98	ng/L	23.4		101	48-159			
Perfluorododecanoic acid (PFDoA)	25.4	0.98	ng/L	23.4		109	64-142			
Perfluorotridecanoic acid (PFTrDA)	24.0	0.98	ng/L	23.4		103	49-148			
Perfluorotetradecanoic acid (PFTeDA)	25.6	0.98	ng/L	23.4		109	47-161			
Perfluorobutanesulfonic acid (PFBS)	22.4	0.98	ng/L	20.8		108	62-144			
Perfluoropentanesulfonic acid (PFPeS)	23.4	0.98	ng/L	22.0		106	59-151			
Perfluorohexanesulfonic acid (PFHxS)	22.5	0.98	ng/L	21.4		105	57-146			
Perfluoroheptanesulfonic acid (PFHpS)	23.7	0.98	ng/L	22.3		106	55-152			
Perfluorooctanesulfonic acid (PFOS)	22.3	0.98	ng/L	21.7		102	58-149			
Perfluorononanesulfonic acid (PFNS)	24.4	0.98	ng/L	22.6		108	52-148			
Perfluorodecanesulfonic acid (PFDS)	23.5	0.98	ng/L	22.6		104	51-147			
Perfluorododecanesulfonic acid (PFDoS)	23.3	0.98	ng/L	22.7		102	36-145			
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	97.0	3.9	ng/L	87.9		110	67-146			
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	102	3.9	ng/L	89.0		115	61-151			
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	98.8	3.9	ng/L	90.2		110	63-152			
Perfluorooctanesulfonamide (PFOSA)	25.3	0.98	ng/L	23.4		108	61-148			
N-methyl perfluoroocatnesulfonamide (NMeFOSA)	24.8	0.98	ng/L	23.4		106	63-145			

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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 B382739 - Draft Method 1633										
LCS (B382739-BS1)				Prepared & Analyzed: 08/27/24						
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	24.9	0.98	ng/L	23.4		106	65-139			
N-MeFOSAA (NMeFOSAA)	25.1	0.98	ng/L	23.4		107	58-144			
N-EtFOSAA (NEtFOSAA)	25.8	0.98	ng/L	23.4		110	59-146			
N-methylperfluorooctanesulfonamidoethanol(NMeFOSE)	260	9.8	ng/L	234		111	71-136			
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	266	9.8	ng/L	234		113	69-137			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	105	3.9	ng/L	93.7		112	63-144			
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	88.8	3.9	ng/L	88.5		100	68-146			
9Cl-PF3ONS (F53B Minor)	91.3	3.9	ng/L	87.9		104	56-156			
11Cl-PF3OUdS (F53B Major)	87.7	3.9	ng/L	88.5		99.2	46-156			
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	222	9.8	ng/L	234		94.9	62-129			
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	1190	49	ng/L	1170		102	63-134			
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	1160	49	ng/L	1170		98.7	50-138			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	51.6	2.0	ng/L	41.7		124	56-151			
Perfluoro-3-methoxypropanoic acid (PFMPA)	54.1	2.0	ng/L	46.9		115	51-145			
Perfluoro-4-methoxybutanoic acid (PFMBA)	54.5	2.0	ng/L	46.9		116	55-148			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	71.6	2.0	ng/L	46.9		153	48-161			
Surrogate: 13C4-PFBA	*77.0*		ng/L	97.6		78.8	10-130			
Surrogate: 13C5-PFPeA	*39.9*		ng/L	48.8		81.7	35-150			
Surrogate: 13C5-PFHxA	*19.3*		ng/L	24.4		78.9	55-150			
Surrogate: 13C4-PFHpA	*19.9*		ng/L	24.4		81.3	55-150			
Surrogate: 13C8-PFOA	*18.9*		ng/L	24.4		77.5	60-140			
Surrogate: 13C9-PFNA	*9.38*		ng/L	12.2		76.9	55-140			
Surrogate: 13C6-PFDA	*9.91*		ng/L	12.2		81.2	50-140			
Surrogate: 13C7-PFUnA	*9.59*		ng/L	12.2		78.6	30-140			
Surrogate: 13C2-PFDoA	*8.79*		ng/L	12.2		72.0	10-150			
Surrogate: 13C2-PFTeDA	*7.88*		ng/L	12.2		64.6	10-130			
Surrogate: 13C3-PFBS	*20.1*		ng/L	24.4		82.5	55-150			
Surrogate: 13C3-PFHxS	*19.4*		ng/L	24.4		79.5	55-150			
Surrogate: 13C8-PFOS	*19.5*		ng/L	24.4		79.7	45-140			
Surrogate: 13C2-4:2FTS	*38.7*		ng/L	48.8		79.2	60-200			
Surrogate: 13C2-6:2FTS	*40.7*		ng/L	48.8		83.4	60-200			
Surrogate: 13C2-8:2FTS	*38.3*		ng/L	48.8		78.4	50-200			
Surrogate: 13C8-PFOSA	*16.9*		ng/L	24.4		69.3	30-130			
Surrogate: D3-NMeFOSA	*11.6*		ng/L	24.4		47.5	15-130			
Surrogate: D5-NEtFOSA	*11.3*		ng/L	24.4		46.4	10-130			
Surrogate: D3-NMeFOSAA	*37.3*		ng/L	48.8		76.5	45-200			
Surrogate: D5-NEtFOSAA	*36.6*		ng/L	48.8		74.9	10-200			
Surrogate: D7-NMeFOSE	*146*		ng/L	244		59.8	10-150			
Surrogate: D9-NEtFOSE	*133*		ng/L	244		54.3	10-150			
Surrogate: 13C3-HFPO-DA	*84.0*		ng/L	97.6		86.0	25-160			
MRL Check (B382739-MRL1)				Prepared & Analyzed: 08/27/24						
Perfluorobutanoic acid (PFBA)	8.19	3.9	ng/L	7.81		105	44-157			
Perfluoropentanoic acid (PFPeA)	4.20	2.0	ng/L	3.91		108	57-148			

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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 B382739 - Draft Method 1633										
MRL Check (B382739-MRL1)				Prepared & Analyzed: 08/27/24						
Perfluorohexanoic acid (PFHxA)	2.08	0.98	ng/L	1.95		106	62-149			
Perfluoroheptanoic acid (PFHpA)	2.07	0.98	ng/L	1.95		106	56-150			
Perfluorooctanoic acid (PFOA)	2.03	0.98	ng/L	1.95		104	57-161			
Perfluorononanoic acid (PFNA)	2.01	0.98	ng/L	1.95		103	53-157			
Perfluorodecanoic acid (PFDA)	1.87	0.98	ng/L	1.95		95.7	43-158			
Perfluoroundecanoic acid (PFUnA)	2.00	0.98	ng/L	1.95		102	50-155			
Perfluorododecanoic acid (PFDoA)	2.17	0.98	ng/L	1.95		111	60-141			
Perfluorotridecanoic acid (PFTrDA)	2.01	0.98	ng/L	1.95		103	52-140			
Perfluorotetradecanoic acid (PFTeDA)	2.12	0.98	ng/L	1.95		109	52-156			
Perfluorobutanesulfonic acid (PFBS)	1.85	0.98	ng/L	1.73		107	63-145			
Perfluoropentanesulfonic acid (PFPeS)	2.12	0.98	ng/L	1.84		116	58-144			
Perfluorohexanesulfonic acid (PFHxS)	1.78	0.98	ng/L	1.79		99.6	44-158			
Perfluoroheptanesulfonic acid (PFHpS)	1.90	0.98	ng/L	1.86		102	51-150			
Perfluorooctanesulfonic acid (PFOS)	1.96	0.98	ng/L	1.81		108	43-162			
Perfluorononanesulfonic acid (PFNS)	1.98	0.98	ng/L	1.88		106	46-151			
Perfluorodecanesulfonic acid (PFDS)	1.91	0.98	ng/L	1.88		101	50-144			
Perfluorododecanesulfonic acid (PFDoS)	1.95	0.98	ng/L	1.89		103	30-138			
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	7.64	3.9	ng/L	7.32		104	52-158			
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	7.62	3.9	ng/L	7.42		103	48-158			
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	8.68	3.9	ng/L	7.52		115	46-165			
Perfluorooctanesulfonamide (PFOSA)	2.06	0.98	ng/L	1.95		105	47-163			
N-methyl perfluoroocatnesulfonamide (NMeFOSA)	1.82	0.98	ng/L	1.95		93.4	54-155			
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	1.93	0.98	ng/L	1.95		98.9	49-156			
N-MeFOSAA (NMeFOSAA)	2.00	0.98	ng/L	1.95		103	32-160			
N-EtFOSAA (NEtFOSAA)	2.36	0.98	ng/L	1.95		121	51-154			
N-methylperfluorooctanesulfonamidoethanol(NMeFOSE)	20.4	9.8	ng/L	19.5		104	56-151			
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	20.5	9.8	ng/L	19.5		105	60-147			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	6.93	3.9	ng/L	7.81		88.7	58-154			
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	6.17	3.9	ng/L	7.37		83.7	61-148			
9Cl-PF3ONS (F53B Minor)	6.31	3.9	ng/L	7.32		86.2	44-167			
11Cl-PF3OUdS (F53B Major)	6.20	3.9	ng/L	7.37		84.2	36-158			
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	14.8	9.8	ng/L	19.5		75.6	32-161			
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	83.1	49	ng/L	97.6		85.2	39-156			
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	78.3	49	ng/L	97.6		80.1	36-149			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	3.73	2.0	ng/L	3.48		107	56-144			
Perfluoro-3-methoxypropanoic acid (PFMPA)	3.89	2.0	ng/L	3.91		99.6	48-150			
Perfluoro-4-methoxybutanoic acid (PFMBA)	3.96	2.0	ng/L	3.91		101	49-154			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	5.85	2.0	ng/L	3.91		150	47-160			
Surrogate: 13C4-PFBA	*76.6*		ng/L	97.6		78.5	10-130			
Surrogate: 13C5-PFPeA	*38.8*		ng/L	48.8		79.5	35-150			
Surrogate: 13C5-PFHxA	*19.0*		ng/L	24.4		78.0	55-150			

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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 B382739 - Draft Method 1633										
MRL Check (B382739-MRL1)				Prepared & Analyzed: 08/27/24						
Surrogate: 13C4-PFHpA	*19.1*		ng/L	24.4		78.1	55-150			
Surrogate: 13C8-PFOA	*18.4*		ng/L	24.4		75.3	60-140			
Surrogate: 13C9-PFNA	*9.22*		ng/L	12.2		75.5	55-140			
Surrogate: 13C6-PFDA	*9.51*		ng/L	12.2		77.9	50-140			
Surrogate: 13C7-PFUnA	*9.34*		ng/L	12.2		76.6	30-140			
Surrogate: 13C2-PFDoA	*8.26*		ng/L	12.2		67.7	10-150			
Surrogate: 13C2-PFTeDA	*7.68*		ng/L	12.2		62.9	10-130			
Surrogate: 13C3-PFBS	*19.4*		ng/L	24.4		79.3	55-150			
Surrogate: 13C3-PFHxS	*18.9*		ng/L	24.4		77.4	55-150			
Surrogate: 13C8-PFOS	*18.4*		ng/L	24.4		75.3	45-140			
Surrogate: 13C2-4:2FTS	*35.9*		ng/L	48.8		73.5	60-200			
Surrogate: 13C2-6:2FTS	*37.1*		ng/L	48.8		76.0	60-200			
Surrogate: 13C2-8:2FTS	*33.4*		ng/L	48.8		68.4	50-200			
Surrogate: 13C8-PFOSA	*16.9*		ng/L	24.4		69.1	30-130			
Surrogate: D3-NMeFOSA	*12.0*		ng/L	24.4		49.1	15-130			
Surrogate: D5-NEtFOSA	*12.4*		ng/L	24.4		50.9	10-130			
Surrogate: D3-NMeFOSAA	*35.8*		ng/L	48.8		73.3	45-200			
Surrogate: D5-NEtFOSAA	*34.6*		ng/L	48.8		71.0	10-200			
Surrogate: D7-NMeFOSE	*140*		ng/L	244		57.3	10-150			
Surrogate: D9-NEtFOSE	*130*		ng/L	244		53.3	10-150			
Surrogate: 13C3-HFPO-DA	*86.0*		ng/L	97.6		88.1	25-160			

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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 B382045 - Draft Method 1633										
Blank (B382045-BLK1)				Prepared & Analyzed: 08/06/24						
Total Suspended Solids	ND	5.0	mg/L							
LCS (B382045-BS1)				Prepared & Analyzed: 08/06/24						
Total Suspended Solids	194	5.0	mg/L	200		97.0	51.5-130			

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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.
H-06	Sample was extracted past the recommended holding time.
PF-23	Qualifier ion ratio <50% of associated calibration. Detection is suspect.
S-10	Sample was re-extracted outside of holding time since surrogate standard recovery was outside of control limits. Data from analysis performed outside of holding time is also reported since surrogate recovery is acceptable.
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
Draft Method 1633 in Water	
Total Suspended Solids	CT,MA,NH,NY,RI,NC,ME,VA
Perfluorobutanoic acid (PFBA)	NH-P,NY,PA,WV,CT
Perfluoropentanoic acid (PFPeA)	NH-P,NY,PA,WV,CT
Perfluorohexanoic acid (PFHxA)	NH-P,NY,PA,WV,CT
Perfluoroheptanoic acid (PFHpA)	NH-P,NY,PA,WV,CT
Perfluorooctanoic acid (PFOA)	NH-P,NY,PA,WV,CT
Perfluorononanoic acid (PFNA)	NH-P,NY,PA,WV,CT
Perfluorodecanoic acid (PFDA)	NH-P,NY,PA,WV,CT
Perfluoroundecanoic acid (PFUnA)	NH-P,NY,PA,WV,CT
Perfluorododecanoic acid (PFDoA)	NH-P,NY,PA,WV,CT
Perfluorotridecanoic acid (PFTrDA)	NH-P,NY,PA,WV,CT
Perfluorotetradecanoic acid (PFTeDA)	NH-P,NY,PA,WV,CT
Perfluorobutanesulfonic acid (PFBS)	NH-P,NY,PA,WV,CT
Perfluoropentanesulfonic acid (PFPeS)	NH-P,NY,PA,WV,CT
Perfluorohexanesulfonic acid (PFHxS)	NH-P,NY,PA,WV,CT
Perfluoroheptanesulfonic acid (PFHpS)	NH-P,NY,PA,WV,CT
Perfluorooctanesulfonic acid (PFOS)	NH-P,NY,PA,WV,CT
Perfluorononanesulfonic acid (PFNS)	NH-P,PA,WV,CT
Perfluorodecanesulfonic acid (PFDS)	NH-P,PA,WV,CT
Perfluorododecanesulfonic acid (PFDoS)	NH-P,PA,WV,CT
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	NH-P,PA,WV,CT
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	NH-P,NY,PA,WV,CT
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	NH-P,NY,PA,WV,CT
Perfluorooctanesulfonamide (PFOSA)	NH-P,PA,WV,CT
N-methyl perfluoroocatnesulfonamide (NMeFOSA)	NH-P,PA,WV,CT
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NH-P,PA,WV,CT
N-MeFOSAA (NMeFOSAA)	NH-P,NY,PA,WV,CT
N-EtFOSAA (NEtFOSAA)	NH-P,NY,PA,WV,CT
N-methylperfluorooctanesulfonamidoethanol(NMeFOSE)	NH-P,PA,WV,CT
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	NH-P,PA,WV,CT
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NH-P,NY,PA,WV,CT
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NH-P,NY,PA,WV,CT
9Cl-PF3ONS (F53B Minor)	NH-P,NY,PA,WV,CT
11Cl-PF3OUdS (F53B Major)	NH-P,NY,PA,WV,CT
3-Perfluoropropyl propanoic acid (FPrPA)(3:3FTCA)	NH-P,PA,WV,CT
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	NH-P,PA,WV,CT
3-Perfluoroheptyl propanoic acid (FHpPA)(7:3FTCA)	NH-P,PA,WV,CT
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NH-P,NY,PA,WV,CT
Perfluoro-3-methoxypropanoic acid (PFMPA)	NH-P,NY,PA,WV,CT
Perfluoro-4-methoxybutanoic acid (PFMBA)	NH-P,PA,WV,CT
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NH-P,PA,WV,CT
SW-846 8260D in Water	
Acetone	CT,ME,NH,VA,NY
Benzene	CT,ME,NH,VA,NY
Bromochloromethane	ME,NH,VA,NY
Bromodichloromethane	CT,ME,NH,VA,NY

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Water	
Bromoform	CT,ME,NH,VA,NY
Bromomethane	CT,ME,NH,VA,NY
2-Butanone (MEK)	CT,ME,NH,VA,NY
n-Butylbenzene	ME,VA,NY
sec-Butylbenzene	ME,VA,NY
tert-Butylbenzene	ME,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
Cyclohexane	ME,NY
1,2-Dibromo-3-chloropropane (DBCP)	ME,NY
1,2-Dibromoethane (EDB)	ME,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
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
cis-1,3-Dichloropropene	CT,ME,NH,VA,NY
trans-1,3-Dichloropropene	CT,ME,NH,VA,NY
1,4-Dioxane	ME,NY
Ethylbenzene	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
1,1,2,2-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
1,1,1-Trichloroethane	CT,ME,NH,VA,NY

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Water	
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
Xylenes (total)	ME,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
MA	Massachusetts DEP	M-MA100	06/30/2025
CT	Connecticut Department of Public Health	PH-0821	12/31/2024
NY	New York State Department of Health	10899 NELAP	04/1/2025
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2025
RI	Rhode Island Department of Health	LAO00373	12/30/2024
NC	North Carolina Div. of Water Quality	652	12/31/2024
ME	State of Maine	MA00100	06/9/2025
VA	Commonwealth of Virginia	460217	12/14/2024
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2025
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2025
WV	West Virginia DEP Division of Water and Waste Management	419	08/31/2025

RAMBOLL

Chain of Custody / Analysis Report

Page ___ of ___

Laboratory Use Only

Project Number: 24H0543 KAM

Sampler(s): Rebecca Britt, Liam Blake

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

Laboratory: Pace Analytical Services 39 Spruce St., East Longmeadow, MA 01028

Attn: RJ McCarthy

Phone: 413-525-23:2

Holding Time:

Package Requirement: Level 2 and Level 1

EDD Format: EQuIS 4-file

Analysis Required

Preservatives (see key at bottom): 1 | 0 | 0

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)	SIM TCL VOCs by SW 36/8260	PFAS by 1633	1,4 Dioxane by 8270 SIM	Lab Sample ID:
1	TB-CP-QC-20240307	—	8/1/2024	8:00	N	TB	3	G	N	X			
2	MW-CPC-37-21-445-20240731-0	MW-CPC-37	7/31/2024	14:15	N	WG	8	G	N	X	X	X	
3	~~MW-CPC-37-21-445-20240731~~-1	MW-CPC-37	7/31/2024	14:15	N	WG	8	G	N	X	X	X	
4	MW-CPC-40-21-312-20240731-0	MW-CPC-40	7/31/2024	11:55	N	WG	8	G	N	X	X	X	
5	MW-CPC-39-21-374-20240731-0	MW-CPC-39	7/31/2024	9:35	N	WG	8	G	N	X	X	X	
6	MW-CPC-36-21-374-20240731-0	MW-CPC-36	7/31/2024	16:40	N	WG	8	G	N	X	X	X	
7	MW-CPC-38-21-391-20240801-0	MW-CPC-38	8/1/2024	8:30	N	WG	8	G	N	X	X	X	
8	~~MW-CPC-36-21-374-20240731-2~~	~~MW-CPC-36~~	~~7/31/2024~~	~~16:15~~	~~N~~	~~WQ~~	~~3~~	~~G~~	~~N~~		~~X~~		~~RCAB~~
9	MW-CPC-36-21-374-20240801-2	MW-CPC-36	8/1/24	0645	N	WQ	2	G	N		X		
10	MW-CPC-41-21-25-20240701-0	MW-CPC-41	8/1/24	1035	N	WG	8	G	N	X	X	X	
11													
12													
13													
14													

1-2 3 4 3 6 0 4 8 9

Special Instructions: No samples collected for -3, cancelled. Extra containers received and added as sample -10, (sample -4 DUP). KAM 8/7/2024

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

Relinquished by:	Rebecca Britt	Date:	8/1/2024	Received By:		Date:	8/1
Of	Ramboll	Time:	11:58	Of	Pace Analytical Services	Time:	12:01
Relinquished by:		Date:	8/1	Courier Name:	MSMA(AN)	Date:	8/1
Of	Pace LI	Time:	2:03	Tracking #:		Time:	4500
Courier Name:	FedEx	Date:		Received By:		Date:	8/3/24
Tracking #:		Time:		Of:	915	Time:	4.1 3.3

Condition: Temp 4.7 (W)

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_2PO_4, 9 = BenzalkoniumCl, 10 = other

Table of Contents

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

Effective Date: 06/11/2024

Log In Back-Sheet

Client Ramboll

Project NYSDEC Claremont Polychemical

MCP/RCP Required N/A

Deliverable Package Requirement N/A

Location Old Bethpage, New York

PWSID# (When Applicable) N/A

Arrival Method:

Courier ☒ Fed Ex ☐ Walk In ☐ Other ☐

Received By / Date / Time STM 8/3/24 0915

Back-Sheet By / Date / Time STM 8/3/24 2024 0

Temperature Method Gun # 6

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

Temp ☒ < 6° C Actual Temperature 4.1, 3.3

Rush Samples: Yes / No Notify

Short Hold: Yes / No Notify

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

	True	False
Received on Ice	☒	☐
Received in Cooler	☒	☐
Custody Seal: DATE TIME	☐	☒
COC Relinquished	☒ STM	☒
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	☒	☐

COC Included: (Check all included)

Client ☒ Analysis ☒ Sampler Name ☒

Project ☒ IDs ☒ Collection Date/Time ☒

All Samples Proper pH: N/A ☐ ☐

Notes regarding Samples/COC outside of SOP:

Received MW-CPC-40-21-312-20240731-1 sampled at 7/31/24 with crossed out time. Maybe missing samples?

Additional Container Notes

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

Qualtrax ID: 120836

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

Sample			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
16oz Amb/Clear	(Circle Amb/Clear)	Soils Jars																				
8oz Amb/Clear																						
4oz Amb/Clear																						
2oz Amb/Clear																						
Unpreserved	1 Liter	Ambers		2		2	2	2	2		2	2										
HCL																						
Sulfuric																						
Sulfuric	250mL																					
Phosphoric																						
HCl																						
Unpreserved	100mL																					
Unpreserved	1 Liter	Plastics																				
Sulfuric																						
Unpreserved	500mL			2		2	2	2	2	2	2	2										
Sulfuric																						
Unpreserved	250mL																					
Trizma																						
Sulfuric																						
Nitric																						
NaOH																						
Ammonium Acetate																						
NaOH/Zinc																						
Unpreserved	VOA Vials																					
HCl			N	3		3	3	3	3		3	3										
MeOH																						
D.I. Water																						
BiSulfate																						
Col/Bact	Other/Fill in																					
25ml plastic				1		1	1	1	1		1	1										

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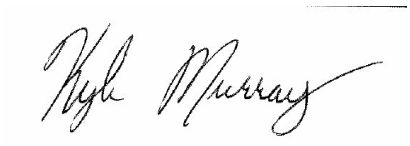
August 13, 2024

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: 24H1112

Enclosed are results of analyses for samples as received by the laboratory on August 8, 2024. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kyle A. Murray
Project Manager

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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: 8/13/2024

PURCHASE ORDER NUMBER: 151811

PROJECT NUMBER: 130015

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 24H1112

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-00-20240806	24H1112-01	Ground Water		SW-846 8260D	
BP3C-CP-00-20240806	24H1112-02	Ground Water		SW-846 8260D	
BP5B-CP-00-20240806	24H1112-03	Ground Water		SW-846 8260D	
BP5C-CP-00-20240806	24H1112-04	Ground Water		SW-846 8260D	
BP12B-CP-00-20240807	24H1112-05	Ground Water		SW-846 8260D	
BP12C-CP-00-20240807	24H1112-06	Ground Water		SW-846 8260D	
BP13B-CP-00-20240806	24H1112-07	Ground Water		SW-846 8260D	
BP13C-CP-00-20240806	24H1112-08	Ground Water		SW-846 8260D	
DW1-CP-00-20240805	24H1112-09	Ground Water		SW-846 8260D	
DW2-CP-00-20240805	24H1112-10	Ground Water		SW-846 8260D	
DW2-CP-01-20240805	24H1112-11	Ground Water		SW-846 8260D	
EW1A-CP-00-20240805	24H1112-12	Ground Water		SW-846 8260D	
EW1B-CP-00-20240805	24H1112-13	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:

Acetone

24H1112-01[BP3A-CP-00-20240806], 24H1112-02[BP3C-CP-00-20240806], 24H1112-03[BP5B-CP-00-20240806], 24H1112-04[BP5C-CP-00-20240806], 24H1112-05[BP12B-CP-00-20240807], 24H1112-06[BP12C-CP-00-20240807], 24H1112-07[BP13B-CP-00-20240806], 24H1112-08[BP13C-CP-00-20240806], 24H1112-09[DW1-CP-00-20240805], 24H1112-10[DW2-CP-00-20240805], 24H1112-11[DW2-CP-01-20240805], 24H1112-12[EW1A-CP-00-20240805], 24H1112-13[EW1B-CP-00-20240805], B382458-BLK1, B382458-BS1, B382458-BSD1, S108862-CCV1

Chloromethane

24H1112-01[BP3A-CP-00-20240806], 24H1112-02[BP3C-CP-00-20240806], 24H1112-03[BP5B-CP-00-20240806], 24H1112-04[BP5C-CP-00-20240806], 24H1112-05[BP12B-CP-00-20240807], 24H1112-06[BP12C-CP-00-20240807], 24H1112-07[BP13B-CP-00-20240806], 24H1112-08[BP13C-CP-00-20240806], 24H1112-09[DW1-CP-00-20240805], 24H1112-10[DW2-CP-00-20240805], 24H1112-11[DW2-CP-01-20240805], 24H1112-12[EW1A-CP-00-20240805], 24H1112-13[EW1B-CP-00-20240805], B382458-BLK1, B382458-BS1, B382458-BSD1, S108862-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:

Tetrachloroethylene

24H1112-02[BP3C-CP-00-20240806], 24H1112-09[DW1-CP-00-20240805], 24H1112-10[DW2-CP-00-20240805], 24H1112-11[DW2-CP-01-20240805], 24H1112-12[EW1A-CP-00-20240805], 24H1112-13[EW1B-CP-00-20240805], B382458-BS1, B382458-BSD1, S108862-CCV1

V-20

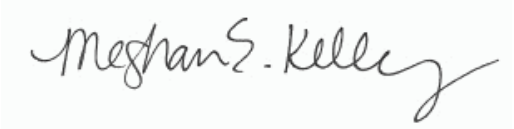
Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

1,2-Dibromoethane (EDB)

B382458-BS1, B382458-BSD1, S108862-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 Bethpage, New York | Sample Description: | Work Order: 24H1112

Date Received: 8/8/2024

Field Sample #: BP3A-CP-00-20240806 | Sampled: 8/6/2024 08:55

Sample ID: 24H1112-01

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	V-05	SW-846 8260D	8/9/24	8/9/24 10:17	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 10:17	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	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: 24H1112

Date Received: 8/8/2024

Field Sample #: BP3A-CP-00-20240806 | Sampled: 8/6/2024 08:55

Sample ID: 24H1112-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:17	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	98.8	70-130		8/9/24 10:17
Toluene-d8	99.6	70-130		8/9/24 10:17
4-Bromofluorobenzene	102	70-130		8/9/24 10:17

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1112

Date Received: 8/8/2024

Field Sample #: BP3C-CP-00-20240806 | Sampled: 8/6/2024 08:50

Sample ID: 24H1112-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 10:44	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 10:44	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
cis-1,2-Dichloroethylene	3.2	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1112

Date Received: 8/8/2024

Field Sample #: BP3C-CP-00-20240806 | Sampled: 8/6/2024 08:50

Sample ID: 24H1112-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
Tetrachloroethylene	10	1.0	µg/L	1	V-06	SW-846 8260D	8/9/24	8/9/24 10:44	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 10:44	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	97.1	70-130		8/9/24 10:44
Toluene-d8	99.6	70-130		8/9/24 10:44
4-Bromofluorobenzene	103	70-130		8/9/24 10:44

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1112

Date Received: 8/8/2024

Field Sample #: BP5B-CP-00-20240806 | Sampled: 8/6/2024 08:20

Sample ID: 24H1112-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 11:10	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 11:10	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1112

Date Received: 8/8/2024

Field Sample #: BP5B-CP-00-20240806 | Sampled: 8/6/2024 08:20

Sample ID: 24H1112-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:10	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		8/9/24 11:10
Toluene-d8	101	70-130		8/9/24 11:10
4-Bromofluorobenzene	103	70-130		8/9/24 11:10

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1112

Date Received: 8/8/2024

Field Sample #: BP5C-CP-00-20240806 | Sampled: 8/6/2024 08:25

Sample ID: 24H1112-04

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	370	50	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 11:36	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 11:36	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
1,1-Dichloroethane	4.3	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
1,1-Dichloroethylene	1.1	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1112

Date Received: 8/8/2024

Field Sample #: BP5C-CP-00-20240806 | Sampled: 8/6/2024 08:25

Sample ID: 24H1112-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
1,1,1-Trichloroethane	1.2	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:36	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	95.9	70-130		8/9/24 11:36
Toluene-d8	100	70-130		8/9/24 11:36
4-Bromofluorobenzene	103	70-130		8/9/24 11:36

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1112

Date Received: 8/8/2024

Field Sample #: BP12B-CP-00-20240807 | Sampled: 8/7/2024 07:55

Sample ID: 24H1112-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 12:02	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 12:02	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1112

Date Received: 8/8/2024

Field Sample #: BP12B-CP-00-20240807 | Sampled: 8/7/2024 07:55

Sample ID: 24H1112-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:02	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		8/9/24 12:02
Toluene-d8	99.4	70-130		8/9/24 12:02
4-Bromofluorobenzene	103	70-130		8/9/24 12:02

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1112

Date Received: 8/8/2024

Field Sample #: BP12C-CP-00-20240807 | Sampled: 8/7/2024 08:00

Sample ID: 24H1112-06

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	700	50	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 12:28	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 12:28	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1112

Date Received: 8/8/2024

Field Sample #: BP12C-CP-00-20240807 | Sampled: 8/7/2024 08:00

Sample ID: 24H1112-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:28	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	96.6	70-130		8/9/24 12:28
Toluene-d8	100	70-130		8/9/24 12:28
4-Bromofluorobenzene	105	70-130		8/9/24 12:28

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1112

Date Received: 8/8/2024

Field Sample #: BP13B-CP-00-20240806 | Sampled: 8/6/2024 12:30

Sample ID: 24H1112-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	140	50	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 12:54	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 12:54	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1112

Date Received: 8/8/2024

Field Sample #: BP13B-CP-00-20240806 | Sampled: 8/6/2024 12:30

Sample ID: 24H1112-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:54	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	96.1	70-130		8/9/24 12:54
Toluene-d8	99.4	70-130		8/9/24 12:54
4-Bromofluorobenzene	104	70-130		8/9/24 12:54

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1112

Date Received: 8/8/2024

Field Sample #: BP13C-CP-00-20240806 | Sampled: 8/6/2024 12:35

Sample ID: 24H1112-08

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	230	50	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 13:20	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 13:20	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1112

Date Received: 8/8/2024

Field Sample #: BP13C-CP-00-20240806 | Sampled: 8/6/2024 12:35

Sample ID: 24H1112-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:20	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		8/9/24 13:20
Toluene-d8	99.0	70-130		8/9/24 13:20
4-Bromofluorobenzene	103	70-130		8/9/24 13:20

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1112

Date Received: 8/8/2024

Field Sample #: DW1-CP-00-20240805 | Sampled: 8/5/2024 12:55

Sample ID: 24H1112-09

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	120	50	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 13:46	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 13:46	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
cis-1,2-Dichloroethylene	6.2	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1112

Date Received: 8/8/2024

Field Sample #: DW1-CP-00-20240805 | Sampled: 8/5/2024 12:55

Sample ID: 24H1112-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
Tetrachloroethylene	12	1.0	µg/L	1	V-06	SW-846 8260D	8/9/24	8/9/24 13:46	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:46	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	99.0	70-130		8/9/24 13:46
Toluene-d8	99.1	70-130		8/9/24 13:46
4-Bromofluorobenzene	102	70-130		8/9/24 13:46

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1112

Date Received: 8/8/2024

Field Sample #: DW2-CP-00-20240805 | Sampled: 8/5/2024 13:10

Sample ID: 24H1112-10

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	72	50	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 14:12	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 14:12	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1112

Date Received: 8/8/2024

Field Sample #: DW2-CP-00-20240805 | Sampled: 8/5/2024 13:10

Sample ID: 24H1112-10

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
Tetrachloroethylene	2.5	1.0	µg/L	1	V-06	SW-846 8260D	8/9/24	8/9/24 14:12	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:12	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		8/9/24 14:12
Toluene-d8	99.8	70-130		8/9/24 14:12
4-Bromofluorobenzene	102	70-130		8/9/24 14:12

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1112

Date Received: 8/8/2024

Field Sample #: DW2-CP-01-20240805 | Sampled: 8/5/2024 00:00

Sample ID: 24H1112-11

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	70	50	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 14:38	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 14:38	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1112

Date Received: 8/8/2024

Field Sample #: DW2-CP-01-20240805 | Sampled: 8/5/2024 00:00

Sample ID: 24H1112-11

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
Tetrachloroethylene	2.8	1.0	µg/L	1	V-06	SW-846 8260D	8/9/24	8/9/24 14:38	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:38	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		8/9/24 14:38
Toluene-d8	99.9	70-130		8/9/24 14:38
4-Bromofluorobenzene	102	70-130		8/9/24 14:38

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1112

Date Received: 8/8/2024

Field Sample #: EW1A-CP-00-20240805 | Sampled: 8/5/2024 12:30

Sample ID: 24H1112-12

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	79	50	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 15:04	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 15:04	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1112

Date Received: 8/8/2024

Field Sample #: EW1A-CP-00-20240805 | Sampled: 8/5/2024 12:30

Sample ID: 24H1112-12

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
Tetrachloroethylene	5.6	1.0	µg/L	1	V-06	SW-846 8260D	8/9/24	8/9/24 15:04	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:04	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	99.2	70-130		8/9/24 15:04
Toluene-d8	98.8	70-130		8/9/24 15:04
4-Bromofluorobenzene	103	70-130		8/9/24 15:04

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1112

Date Received: 8/8/2024

Field Sample #: EW1B-CP-00-20240805 | Sampled: 8/5/2024 12:35

Sample ID: 24H1112-13

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	160	50	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 15:30	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 15:30	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1112

Date Received: 8/8/2024

Field Sample #: EW1B-CP-00-20240805 | Sampled: 8/5/2024 12:35

Sample ID: 24H1112-13

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
Tetrachloroethylene	1.6	1.0	µg/L	1	V-06	SW-846 8260D	8/9/24	8/9/24 15:30	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
Trichloroethylene	1.1	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:30	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	97.1	70-130		8/9/24 15:30
Toluene-d8	99.5	70-130		8/9/24 15:30
4-Bromofluorobenzene	102	70-130		8/9/24 15:30

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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
24H1112-01 [BP3A-CP-00-20240806]	B382458	5	5.00	08/09/24
24H1112-02 [BP3C-CP-00-20240806]	B382458	5	5.00	08/09/24
24H1112-03 [BP5B-CP-00-20240806]	B382458	5	5.00	08/09/24
24H1112-04 [BP5C-CP-00-20240806]	B382458	5	5.00	08/09/24
24H1112-05 [BP12B-CP-00-20240807]	B382458	5	5.00	08/09/24
24H1112-06 [BP12C-CP-00-20240807]	B382458	5	5.00	08/09/24
24H1112-07 [BP13B-CP-00-20240806]	B382458	5	5.00	08/09/24
24H1112-08 [BP13C-CP-00-20240806]	B382458	5	5.00	08/09/24
24H1112-09 [DW1-CP-00-20240805]	B382458	5	5.00	08/09/24
24H1112-10 [DW2-CP-00-20240805]	B382458	5	5.00	08/09/24
24H1112-11 [DW2-CP-01-20240805]	B382458	5	5.00	08/09/24
24H1112-12 [EW1A-CP-00-20240805]	B382458	5	5.00	08/09/24
24H1112-13 [EW1B-CP-00-20240805]	B382458	5	5.00	08/09/24

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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 B382458 - SW-846 5030B										
Blank (B382458-BLK1)				Prepared & Analyzed: 08/09/24						
Acetone	ND	50	µg/L							V-05
Benzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
Carbon Disulfide	ND	5.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							V-05
Cyclohexane	ND	5.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl Acetate	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methyl Cyclohexane	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B382458 - SW-846 5030B											
Blank (B382458-BLK1)				Prepared & Analyzed: 08/09/24							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L								
1,2,3-Trichloropropane	ND	2.0	µg/L								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L								
1,2,4-Trimethylbenzene	ND	1.0	µg/L								
1,3,5-Trimethylbenzene	ND	1.0	µg/L								
Vinyl Chloride	ND	2.0	µg/L								
m+p Xylene	ND	2.0	µg/L								
o-Xylene	ND	1.0	µg/L								
Xylenes (total)	ND	1.0	µg/L								
Surrogate: 1,2-Dichloroethane-d4	*24.2*		µg/L	25.0		96.8	70-130				
Surrogate: Toluene-d8	*24.7*		µg/L	25.0		98.8	70-130				
Surrogate: 4-Bromofluorobenzene	*26.0*		µg/L	25.0		104	70-130				
LCS (B382458-BS1)				Prepared & Analyzed: 08/09/24							
Acetone	73.7	50	µg/L	100		73.7	70-160			V-05	†
Benzene	10.1	1.0	µg/L	10.0		101	70-130				
Bromochloromethane	10.6	1.0	µg/L	10.0		106	70-130				
Bromodichloromethane	10.4	0.50	µg/L	10.0		104	70-130				
Bromoform	9.99	1.0	µg/L	10.0		99.9	70-130				
Bromomethane	9.89	2.0	µg/L	10.0		98.9	40-160				†
2-Butanone (MEK)	103	20	µg/L	100		103	40-160				†
n-Butylbenzene	10.1	1.0	µg/L	10.0		101	70-130				
sec-Butylbenzene	9.60	1.0	µg/L	10.0		96.0	70-130				
tert-Butylbenzene	9.71	1.0	µg/L	10.0		97.1	70-130				
Carbon Disulfide	96.1	5.0	µg/L	100		96.1	70-130				
Carbon Tetrachloride	9.85	5.0	µg/L	10.0		98.5	70-130				
Chlorobenzene	10.7	1.0	µg/L	10.0		107	70-130				
Chlorodibromomethane	10.8	0.50	µg/L	10.0		108	70-130				
Chloroethane	8.29	2.0	µg/L	10.0		82.9	70-130				
Chloroform	10.4	2.0	µg/L	10.0		104	70-130				
Chloromethane	7.39	2.0	µg/L	10.0		73.9	40-160			V-05	†
Cyclohexane	9.37	5.0	µg/L	10.0		93.7	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	9.78	5.0	µg/L	10.0		97.8	70-130				
1,2-Dibromoethane (EDB)	11.5	0.50	µg/L	10.0		115	70-130			V-20	
1,2-Dichlorobenzene	10.0	1.0	µg/L	10.0		100	70-130				
1,3-Dichlorobenzene	10.1	1.0	µg/L	10.0		101	70-130				
1,4-Dichlorobenzene	10.1	1.0	µg/L	10.0		101	70-130				
Dichlorodifluoromethane (Freon 12)	10.7	2.0	µg/L	10.0		107	40-160				†
1,1-Dichloroethane	9.82	1.0	µg/L	10.0		98.2	70-130				
1,2-Dichloroethane	10.3	1.0	µg/L	10.0		103	70-130				
1,1-Dichloroethylene	8.06	1.0	µg/L	10.0		80.6	70-130				
cis-1,2-Dichloroethylene	10.1	1.0	µg/L	10.0		101	70-130				
trans-1,2-Dichloroethylene	9.72	1.0	µg/L	10.0		97.2	70-130				
1,2-Dichloropropane	11.1	1.0	µg/L	10.0		111	70-130				
cis-1,3-Dichloropropene	10.6	0.50	µg/L	10.0		106	70-130				
trans-1,3-Dichloropropene	10.6	0.50	µg/L	10.0		106	70-130				
Ethylbenzene	10.7	1.0	µg/L	10.0		107	70-130				
2-Hexanone (MBK)	112	10	µg/L	100		112	70-160				†
Isopropylbenzene (Cumene)	10.5	1.0	µg/L	10.0		105	70-130				
p-Isopropyltoluene (p-Cymene)	9.92	1.0	µg/L	10.0		99.2	70-130				
Methyl Acetate	8.83	1.0	µg/L	10.0		88.3	70-130				
Methyl tert-Butyl Ether (MTBE)	9.50	1.0	µg/L	10.0		95.0	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 B382458 - SW-846 5030B											
LCS (B382458-BS1)				Prepared & Analyzed: 08/09/24							
Methyl Cyclohexane	11.0	1.0	µg/L	10.0		110	70-130				
Methylene Chloride	9.05	5.0	µg/L	10.0		90.5	70-130				
4-Methyl-2-pentanone (MIBK)	114	10	µg/L	100		114	70-160				†
Naphthalene	10.3	2.0	µg/L	10.0		103	40-130				†
n-Propylbenzene	10.7	1.0	µg/L	10.0		107	70-130				
Styrene	11.0	1.0	µg/L	10.0		110	70-130				
1,1,2,2-Tetrachloroethane	11.8	0.50	µg/L	10.0		118	70-130				
Tetrachloroethylene	12.3	1.0	µg/L	10.0		123	70-130			V-06	
Toluene	10.7	1.0	µg/L	10.0		107	70-130				
1,2,3-Trichlorobenzene	10.6	5.0	µg/L	10.0		106	70-130				
1,2,4-Trichlorobenzene	10.9	1.0	µg/L	10.0		109	70-130				
1,1,1-Trichloroethane	10.3	1.0	µg/L	10.0		103	70-130				
1,1,2-Trichloroethane	11.6	1.0	µg/L	10.0		116	70-130				
Trichloroethylene	11.3	1.0	µg/L	10.0		113	70-130				
Trichlorofluoromethane (Freon 11)	9.53	2.0	µg/L	10.0		95.3	70-130				
1,2,3-Trichloropropane	11.9	2.0	µg/L	10.0		119	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.12	1.0	µg/L	10.0		91.2	70-130				
1,2,4-Trimethylbenzene	9.99	1.0	µg/L	10.0		99.9	70-130				
1,3,5-Trimethylbenzene	11.1	1.0	µg/L	10.0		111	70-130				
Vinyl Chloride	7.93	2.0	µg/L	10.0		79.3	40-160				†
m+p Xylene	20.7	2.0	µg/L	20.0		104	70-130				
o-Xylene	10.2	1.0	µg/L	10.0		102	70-130				
Xylenes (total)	30.9	1.0	µg/L	30.0		103	0-200				
Surrogate: 1,2-Dichloroethane-d4	*23.8*		µg/L	25.0		95.2	70-130				
Surrogate: Toluene-d8	*25.1*		µg/L	25.0		100	70-130				
Surrogate: 4-Bromofluorobenzene	*26.2*		µg/L	25.0		105	70-130				
LCS Dup (B382458-BSD1)				Prepared & Analyzed: 08/09/24							
Acetone	73.6	50	µg/L	100		73.6	70-160	0.0407	25	V-05	†
Benzene	10.3	1.0	µg/L	10.0		103	70-130	1.37	25		
Bromochloromethane	10.9	1.0	µg/L	10.0		109	70-130	3.45	25		
Bromodichloromethane	10.1	0.50	µg/L	10.0		101	70-130	2.82	25		
Bromoform	9.75	1.0	µg/L	10.0		97.5	70-130	2.43	25		
Bromomethane	9.23	2.0	µg/L	10.0		92.3	40-160	6.90	25		†
2-Butanone (MEK)	102	20	µg/L	100		102	40-160	0.662	25		†
n-Butylbenzene	9.74	1.0	µg/L	10.0		97.4	70-130	3.53	25		
sec-Butylbenzene	9.22	1.0	µg/L	10.0		92.2	70-130	4.04	25		
tert-Butylbenzene	9.32	1.0	µg/L	10.0		93.2	70-130	4.10	25		
Carbon Disulfide	94.8	5.0	µg/L	100		94.8	70-130	1.34	25		
Carbon Tetrachloride	9.46	5.0	µg/L	10.0		94.6	70-130	4.04	25		
Chlorobenzene	10.6	1.0	µg/L	10.0		106	70-130	0.468	25		
Chlorodibromomethane	10.4	0.50	µg/L	10.0		104	70-130	4.34	25		
Chloroethane	7.36	2.0	µg/L	10.0		73.6	70-130	11.9	25		
Chloroform	10.2	2.0	µg/L	10.0		102	70-130	2.32	25		
Chloromethane	7.51	2.0	µg/L	10.0		75.1	40-160	1.61	25	V-05	†
Cyclohexane	9.08	5.0	µg/L	10.0		90.8	70-130	3.14	25		
1,2-Dibromo-3-chloropropane (DBCP)	9.19	5.0	µg/L	10.0		91.9	70-130	6.22	25		
1,2-Dibromoethane (EDB)	11.4	0.50	µg/L	10.0		114	70-130	1.05	25	V-20	
1,2-Dichlorobenzene	9.60	1.0	µg/L	10.0		96.0	70-130	4.48	25		
1,3-Dichlorobenzene	9.71	1.0	µg/L	10.0		97.1	70-130	4.33	25		
1,4-Dichlorobenzene	9.63	1.0	µg/L	10.0		96.3	70-130	4.37	25		
Dichlorodifluoromethane (Freon 12)	10.3	2.0	µg/L	10.0		103	40-160	4.29	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 B382458 - SW-846 5030B											
LCS Dup (B382458-BSD1)				Prepared & Analyzed: 08/09/24							
1,1-Dichloroethane	9.97	1.0	µg/L	10.0		99.7	70-130	1.52	25		
1,2-Dichloroethane	11.2	1.0	µg/L	10.0		112	70-130	8.92	25		
1,1-Dichloroethylene	7.77	1.0	µg/L	10.0		77.7	70-130	3.66	25		
cis-1,2-Dichloroethylene	9.91	1.0	µg/L	10.0		99.1	70-130	2.00	25		
trans-1,2-Dichloroethylene	9.44	1.0	µg/L	10.0		94.4	70-130	2.92	25		
1,2-Dichloropropane	10.9	1.0	µg/L	10.0		109	70-130	2.18	25		
cis-1,3-Dichloropropene	10.4	0.50	µg/L	10.0		104	70-130	2.66	25		
trans-1,3-Dichloropropene	10.2	0.50	µg/L	10.0		102	70-130	3.73	25		
Ethylbenzene	10.4	1.0	µg/L	10.0		104	70-130	2.75	25		
2-Hexanone (MBK)	109	10	µg/L	100		109	70-160	2.90	25		†
Isopropylbenzene (Cumene)	10.2	1.0	µg/L	10.0		102	70-130	3.68	25		
p-Isopropyltoluene (p-Cymene)	9.52	1.0	µg/L	10.0		95.2	70-130	4.12	25		
Methyl Acetate	9.17	1.0	µg/L	10.0		91.7	70-130	3.78	25		
Methyl tert-Butyl Ether (MTBE)	9.69	1.0	µg/L	10.0		96.9	70-130	1.98	25		
Methyl Cyclohexane	10.6	1.0	µg/L	10.0		106	70-130	3.70	25		
Methylene Chloride	9.09	5.0	µg/L	10.0		90.9	70-130	0.441	25		
4-Methyl-2-pentanone (MIBK)	111	10	µg/L	100		111	70-160	2.66	25		†
Naphthalene	9.90	2.0	µg/L	10.0		99.0	40-130	4.35	25		†
n-Propylbenzene	10.1	1.0	µg/L	10.0		101	70-130	5.58	25		
Styrene	10.8	1.0	µg/L	10.0		108	70-130	2.29	25		
1,1,2,2-Tetrachloroethane	11.7	0.50	µg/L	10.0		117	70-130	0.768	25		
Tetrachloroethylene	12.0	1.0	µg/L	10.0		120	70-130	2.97	25	V-06	
Toluene	10.5	1.0	µg/L	10.0		105	70-130	1.69	25		
1,2,3-Trichlorobenzene	10.6	5.0	µg/L	10.0		106	70-130	0.849	25		
1,2,4-Trichlorobenzene	10.3	1.0	µg/L	10.0		103	70-130	5.66	25		
1,1,1-Trichloroethane	10.2	1.0	µg/L	10.0		102	70-130	1.07	25		
1,1,2-Trichloroethane	11.5	1.0	µg/L	10.0		115	70-130	0.521	25		
Trichloroethylene	11.0	1.0	µg/L	10.0		110	70-130	3.41	25		
Trichlorofluoromethane (Freon 11)	8.80	2.0	µg/L	10.0		88.0	70-130	7.97	25		
1,2,3-Trichloropropane	11.4	2.0	µg/L	10.0		114	70-130	4.20	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.77	1.0	µg/L	10.0		87.7	70-130	3.91	25		
1,2,4-Trimethylbenzene	9.80	1.0	µg/L	10.0		98.0	70-130	1.92	25		
1,3,5-Trimethylbenzene	10.8	1.0	µg/L	10.0		108	70-130	2.19	25		
Vinyl Chloride	7.88	2.0	µg/L	10.0		78.8	40-160	0.633	25		†
m+p Xylene	20.3	2.0	µg/L	20.0		102	70-130	1.90	25		
o-Xylene	9.91	1.0	µg/L	10.0		99.1	70-130	2.98	25		
Xylenes (total)	30.2	1.0	µg/L	30.0		101	0-200	2.26			
Surrogate: 1,2-Dichloroethane-d4	*24.2*		µg/L	25.0		96.7	70-130				
Surrogate: Toluene-d8	*25.0*		µg/L	25.0		100	70-130				
Surrogate: 4-Bromofluorobenzene	*26.2*		µg/L	25.0		105	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.

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
Benzene	CT,ME,NH,VA,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
n-Butylbenzene	ME,VA,NY
sec-Butylbenzene	ME,VA,NY
tert-Butylbenzene	ME,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
Cyclohexane	ME,NY
1,2-Dibromo-3-chloropropane (DBCP)	ME,NY
1,2-Dibromoethane (EDB)	ME,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
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
cis-1,3-Dichloropropene	CT,ME,NH,VA,NY
trans-1,3-Dichloropropene	CT,ME,NH,VA,NY
Ethylbenzene	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
1,1,2,2-Tetrachloroethane	CT,ME,NH,VA,NY
Tetrachloroethylene	CT,ME,NH,VA,NY
Toluene	CT,ME,NH,VA,NY

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Water	
1,2,3-Trichlorobenzene	ME,NH,VA,NY
1,2,4-Trichlorobenzene	CT,ME,NH,VA,NY
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
Xylenes (total)	ME,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	04/1/2025
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2025
ME	State of Maine	MA00100	06/9/2025
VA	Commonwealth of Virginia	460217	12/14/2024

Chain of Custody / Analysis Report

RAMBOLL

Sampler(s): Liam Blake (Signature) 24/11/12

Laboratory Use Only

Project Number:

Job Number:

Laboratory ID:

Lab Sample ID:

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 Q3 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

	Sample Identification		Date	Time	Sample Type (See Key)	Sample Matrix (See Key)	Number of Containers	Grab [G] or Composite [C]	Field Filtered? (Y / N)	Analysis Required: DER TCL VOCs by SW-36/8260	Preservatives: (see key at bottom) 1
	Unique Field Sample ID (sys_sample_code)	Sample Location									
1	BP3A-CP-00-20240806	BP-3A	8/6/2024	8:55	N	WG	3	G	N	X	
2	BP3C-CP-00-20240806	BP-3C	8/6/2024	8:50	N	WG	3	G	N	X	
3	BP5B-CP-00-20240806	BP-5B	8/6/2024	8:20	N	WG	3	G	N	X	
4	BP5C-CP-00-20240806	BP-5C	8/6/2024	8:25	N	WG	3	G	N	X	
5	BP12B-CP-00-20240807	BP-12B	8/7/2024	7:55	N	WG	3	G	N	X	
6	BP12C-CP-00-20240807	BP-12C	8/7/2024	8:00	N	WG	3	G	N	X	
7	BP13B-CP-00-20240806	BP-13B	8/6/2024	12:30	N	WG	3	G	N	X	
8	BP13C-CP-00-20240806	BP-13C	8/6/2024	12:35	N	WG	3	G	N	X	
9	DW1-CP-00-20240805	DW-1	8/5/2024	12:55	N	WG	3	G	N	X	
10	DW2-CP-00-20240805	DW-2	8/5/2024	13:10	N	WG	3	G	N	X	
11	DW2-CP-01-20240805	DW-2	8/5/2024	----	FD	WG	3	G	N	X	
12	EW1A-CP-00-20240805	EW-1A	8/5/2024	12:30	N	WG	3	G	N	X	
13	EW1B-CP-00-20240805	EW-1B	8/5/2024	12:35	N	WG	3	G	N	X	

Special Instructions:

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

Relinquished by: Liam Blake	Date: 8/7/24	Courier Name: MSMA(AN)	Date: 8/7 1800
Of: Ramboll	Time: 13:20	Tracking #:	Time:
Relinquished by:	Date: 8/7/24	Courier Name:	Date:
Of:	Time: 18:00	Tracking #:	Time:
Courier Name: MSMA(AN) FedEx	Date: 8/7	Received By:	Date: 8/7/24
Tracking #:	Time: 2095	Of:	Time: 13:20

Condition:

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

Cooler Temperature: (W) 3.4

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, PW = 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

MM 34,5.0 8/8/24 810

Anthony Green AUG 07 2024 2130 Chain of Pace 8/8/24 0345

Anthony Green Chain of Pace 8/8/24 0000

PACE 8/8/24 06:00

PACE 8/8/24 08:10

Confidential

Table of Contents

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

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

Client Rumbell

Project Claremont Polychemical Site Q3 Sampling

MCP/RCP Required MA

Deliverable Package Requirement MA

Location Old Bethpage, New York

PWSID# (When Applicable) MA

Arrival Method:

Courier ☑ Fed Ex ☐ Walk-In ☐ Other ☐

Received By / Date / Time ER 8/8/24 810

Back-Sheet By / Date / Time LA 8/8/24 1024

Temperature Method Gun # 6

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

Temp 6° C Actual Temperature 3.4/5.6

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	☑	☐

COC Included: (Check all included)

Client ☑ Analysis ☑ Sampler Name ☑

Project ☑ IDs ☑ Collection Date/Time ☑

All Samples Proper pH: N/A ☐ ☐

Notes regarding Samples/COC outside of SOP:

Additional Container Notes

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

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

Sample		
16oz Amb/Clear	(Circle Amb/Clear)	Soils Jars
8oz Amb/Clear		
4oz Amb/Clear		
2oz Amb/Clear		
Unpreserved	1 Liter	Ambers
HCL		
Sulfuric		
Sulfuric	250mL	
Phosphoric		
HCl		
Unpreserved	100mL	
Unpreserved	1 Liter	Plastics
Sulfuric		
Unpreserved	500mL	
Sulfuric		
Unpreserved	250mL	
Trizma		
Sulfuric		
Nitric		
NaOH		
Ammonium Acetate		
NaOH/Zinc		
Unpreserved		VOA Vials
HCl		
MeOH		
D.I. Water		
BiSulfate		
Col/Bact		Other / Fill in

20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1

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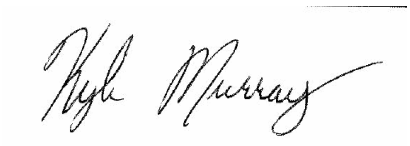
August 13, 2024

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: 24H1115

Enclosed are results of analyses for samples as received by the laboratory on August 8, 2024. 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: 8/13/2024

PURCHASE ORDER NUMBER: 151811

PROJECT NUMBER: 130015

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 24H1115

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
EW1C-CP-00-20240805	24H1115-01	Ground Water		SW-846 8260D	
EW2A-CP-00-20240806	24H1115-02	Ground Water		SW-846 8260D	
EW2B-CP-00-20240806	24H1115-03	Ground Water		SW-846 8260D	
EW2C-CP-00-20240806	24H1115-04	Ground Water		SW-846 8260D	
EW2D-CP-00-20240806	24H1115-05	Ground Water		SW-846 8260D	
EW4A-CP-00-20240807	24H1115-06	Ground Water		SW-846 8260D	
EW4B-CP-00-20240807	24H1115-07	Ground Water		SW-846 8260D	
EW4C-CP-00-20240807	24H1115-08	Ground Water		SW-846 8260D	
EW4D-CP-00-20240807	24H1115-09	Ground Water		SW-846 8260D	
EW5-CP-00-20240805	24H1115-10	Ground Water		SW-846 8260D	
EW7C-CP-00-20240806	24H1115-11	Ground Water		SW-846 8260D	
EW7D-CP-00-20240806	24H1115-12	Ground Water		SW-846 8260D	
EW11D-CP-00-20240807	24H1115-13	Ground Water		SW-846 8260D	
EW12D-CP-00-20240807	24H1115-14	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.

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SW-846 8260D

Qualifications:

L-02

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

Analyte & Samples(s) Qualified:

Chloromethane
B382470-BS1, B382470-BSD1, B382582-BS1, B382582-BSD1

L-07

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

Analyte & Samples(s) Qualified:

Carbon Tetrachloride
B382582-BSD1

RL-11

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

24H1115-14[EW12D-CP-00-20240807]

V-05

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

Analyte & Samples(s) Qualified:

Acetone
24H1115-01[EW1C-CP-00-20240805], 24H1115-02[EW2A-CP-00-20240806], 24H1115-03[EW2B-CP-00-20240806], 24H1115-04[EW2C-CP-00-20240806], 24H1115-05[EW2D-CP-00-20240806], 24H1115-06[EW4A-CP-00-20240807], 24H1115-07[EW4B-CP-00-20240807], B382458-BLK1, B382458-BS1, B382458-BSD1, S108862-CCV1

Carbon Tetrachloride
24H1115-08[EW4C-CP-00-20240807], 24H1115-09[EW4D-CP-00-20240807], 24H1115-10[EW5-CP-00-20240805], 24H1115-11[EW7C-CP-00-20240806], 24H1115-12[EW7D-CP-00-20240806], 24H1115-13[EW11D-CP-00-20240807], 24H1115-14[EW12D-CP-00-20240807], B382470-BLK1, B382470-BS1, B382470-BSD1, B382582-BLK1, B382582-BS1, B382582-BSD1, S108788-CCV1, S108855-CCV1

Chloromethane
24H1115-01[EW1C-CP-00-20240805], 24H1115-02[EW2A-CP-00-20240806], 24H1115-03[EW2B-CP-00-20240806], 24H1115-04[EW2C-CP-00-20240806], 24H1115-05[EW2D-CP-00-20240806], 24H1115-06[EW4A-CP-00-20240807], 24H1115-07[EW4B-CP-00-20240807], B382458-BLK1, B382458-BS1, B382458-BSD1, S108862-CCV1

Naphthalene
24H1115-08[EW4C-CP-00-20240807], 24H1115-09[EW4D-CP-00-20240807], 24H1115-10[EW5-CP-00-20240805], 24H1115-11[EW7C-CP-00-20240806], 24H1115-12[EW7D-CP-00-20240806], 24H1115-13[EW11D-CP-00-20240807], 24H1115-14[EW12D-CP-00-20240807], B382470-BLK1, B382470-BS1, B382470-BSD1, B382582-BLK1, B382582-BS1, B382582-BSD1, S108788-CCV1, S108855-CCV1

tert-Butylbenzene
24H1115-12[EW7D-CP-00-20240806], B382582-BLK1, B382582-BS1, B382582-BSD1, S108855-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:

Tetrachloroethylene
24H1115-01[EW1C-CP-00-20240805], 24H1115-06[EW4A-CP-00-20240807], 24H1115-07[EW4B-CP-00-20240807], B382458-BS1, B382458-BSD1, S108862-CCV1

V-20

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

Analyte & Samples(s) Qualified:

1,2-Dibromoethane (EDB)
B382458-BS1, B382458-BSD1, S108862-CCV1

2-Butanone (MEK)
B382582-BS1, B382582-BSD1, S108855-CCV1

Chloromethane
B382470-BS1, B382470-BSD1, B382582-BS1, B382582-BSD1, S108788-CCV1, S108855-CCV1

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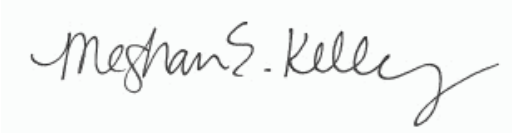
The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in 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.



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 Bethpage, New York | Sample Description: | Work Order: 24H1115

Date Received: 8/8/2024

Field Sample #: EW1C-CP-00-20240805 | Sampled: 8/5/2024 12:40

Sample ID: 24H1115-01

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	V-05	SW-846 8260D	8/9/24	8/9/24 15:56	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 15:56	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1115

Date Received: 8/8/2024

Field Sample #: EW1C-CP-00-20240805 | Sampled: 8/5/2024 12:40

Sample ID: 24H1115-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
Tetrachloroethylene	ND	1.0	µg/L	1	V-06	SW-846 8260D	8/9/24	8/9/24 15:56	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:56	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	98.8	70-130		8/9/24 15:56
Toluene-d8	99.9	70-130		8/9/24 15:56
4-Bromofluorobenzene	104	70-130		8/9/24 15:56

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1115

Date Received: 8/8/2024

Field Sample #: EW2A-CP-00-20240806 | Sampled: 8/6/2024 09:10

Sample ID: 24H1115-02

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	98	50	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 16:22	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 16:22	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1115

Date Received: 8/8/2024

Field Sample #: EW2A-CP-00-20240806 | Sampled: 8/6/2024 09:10

Sample ID: 24H1115-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:22	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		8/9/24 16:22
Toluene-d8	99.5	70-130		8/9/24 16:22
4-Bromofluorobenzene	104	70-130		8/9/24 16:22

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1115

Date Received: 8/8/2024

Field Sample #: EW2B-CP-00-20240806 | Sampled: 8/6/2024 09:15

Sample ID: 24H1115-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 16:48	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 16:48	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1115

Date Received: 8/8/2024

Field Sample #: EW2B-CP-00-20240806 | Sampled: 8/6/2024 09:15

Sample ID: 24H1115-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:48	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	97.9	70-130		8/9/24 16:48
Toluene-d8	99.7	70-130		8/9/24 16:48
4-Bromofluorobenzene	103	70-130		8/9/24 16:48

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1115

Date Received: 8/8/2024

Field Sample #: EW2C-CP-00-20240806 | Sampled: 8/6/2024 09:20

Sample ID: 24H1115-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	100	50	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 17:14	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 17:14	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1115

Date Received: 8/8/2024

Field Sample #: EW2C-CP-00-20240806 | Sampled: 8/6/2024 09:20

Sample ID: 24H1115-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
Trichloroethylene	2.1	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:14	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	98.8	70-130		8/9/24 17:14
Toluene-d8	101	70-130		8/9/24 17:14
4-Bromofluorobenzene	103	70-130		8/9/24 17:14

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1115

Date Received: 8/8/2024

Field Sample #: EW2D-CP-00-20240806 | Sampled: 8/6/2024 09:25

Sample ID: 24H1115-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	78	50	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 17:41	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 17:41	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1115

Date Received: 8/8/2024

Field Sample #: EW2D-CP-00-20240806 | Sampled: 8/6/2024 09:25

Sample ID: 24H1115-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:41	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	99.3	70-130		8/9/24 17:41
Toluene-d8	99.8	70-130		8/9/24 17:41
4-Bromofluorobenzene	102	70-130		8/9/24 17:41

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1115

Date Received: 8/8/2024

Field Sample #: EW4A-CP-00-20240807 | Sampled: 8/7/2024 08:45

Sample ID: 24H1115-06

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	65	50	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 18:07	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 18:07	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
cis-1,2-Dichloroethylene	25	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1115

Date Received: 8/8/2024

Field Sample #: EW4A-CP-00-20240807 | Sampled: 8/7/2024 08:45

Sample ID: 24H1115-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
Tetrachloroethylene	20	1.0	µg/L	1	V-06	SW-846 8260D	8/9/24	8/9/24 18:07	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
Trichloroethylene	2.0	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:07	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		8/9/24 18:07
Toluene-d8	98.6	70-130		8/9/24 18:07
4-Bromofluorobenzene	105	70-130		8/9/24 18:07

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1115

Date Received: 8/8/2024

Field Sample #: EW4B-CP-00-20240807 | Sampled: 8/7/2024 08:50

Sample ID: 24H1115-07

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	120	50	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 18:33	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 18:33	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1115

Date Received: 8/8/2024

Field Sample #: EW4B-CP-00-20240807 | Sampled: 8/7/2024 08:50

Sample ID: 24H1115-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
Tetrachloroethylene	1.5	1.0	µg/L	1	V-06	SW-846 8260D	8/9/24	8/9/24 18:33	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
Trichloroethylene	2.7	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:33	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	96.8	70-130		8/9/24 18:33
Toluene-d8	97.9	70-130		8/9/24 18:33
4-Bromofluorobenzene	104	70-130		8/9/24 18:33

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1115

Date Received: 8/8/2024

Field Sample #: EW4C-CP-00-20240807 | Sampled: 8/7/2024 08:55

Sample ID: 24H1115-08

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	160	50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 11:20	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 11:20	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1115

Date Received: 8/8/2024

Field Sample #: EW4C-CP-00-20240807 | Sampled: 8/7/2024 08:55

Sample ID: 24H1115-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
Tetrachloroethylene	2.2	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
Trichloroethylene	17	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:20	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	108	70-130		8/9/24 11:20
Toluene-d8	95.4	70-130		8/9/24 11:20
4-Bromofluorobenzene	89.6	70-130		8/9/24 11:20

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1115

Date Received: 8/8/2024

Field Sample #: EW4D-CP-00-20240807 | Sampled: 8/7/2024 09:00

Sample ID: 24H1115-09

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	75	50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 11:47	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 11:47	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1115

Date Received: 8/8/2024

Field Sample #: EW4D-CP-00-20240807 | Sampled: 8/7/2024 09:00

Sample ID: 24H1115-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 11:47	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	110	70-130		8/9/24 11:47
Toluene-d8	95.1	70-130		8/9/24 11:47
4-Bromofluorobenzene	92.2	70-130		8/9/24 11:47

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1115

Date Received: 8/8/2024

Field Sample #: EW5-CP-00-20240805 | Sampled: 8/5/2024 13:05

Sample ID: 24H1115-10

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 12:14	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 12:14	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1115

Date Received: 8/8/2024

Field Sample #: EW5-CP-00-20240805 | Sampled: 8/5/2024 13:05

Sample ID: 24H1115-10

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
Tetrachloroethylene	6.2	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
Trichloroethylene	1.1	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:14	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	105	70-130		8/9/24 12:14
Toluene-d8	85.2	70-130		8/9/24 12:14
4-Bromofluorobenzene	88.4	70-130		8/9/24 12:14

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1115

Date Received: 8/8/2024

Field Sample #: EW7C-CP-00-20240806 | Sampled: 8/6/2024 12:00

Sample ID: 24H1115-11

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	150	50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 12:40	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
cis-1,2-Dichloroethylene	2.7	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 12:40	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1115

Date Received: 8/8/2024

Field Sample #: EW7C-CP-00-20240806 | Sampled: 8/6/2024 12:00

Sample ID: 24H1115-11

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
Tetrachloroethylene	16	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
Trichloroethylene	230	10	µg/L	10		SW-846 8260D	8/12/24	8/12/24 14:28	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 12:40	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	108	70-130		8/12/24 14:28
1,2-Dichloroethane-d4	104	70-130		8/9/24 12:40
Toluene-d8	84.7	70-130		8/12/24 14:28
Toluene-d8	94.5	70-130		8/9/24 12:40
4-Bromofluorobenzene	88.1	70-130		8/12/24 14:28
4-Bromofluorobenzene	90.5	70-130		8/9/24 12:40

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1115

Date Received: 8/8/2024

Field Sample #: EW7D-CP-00-20240806 | Sampled: 8/6/2024 12:05

Sample ID: 24H1115-12

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	71	50	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
tert-Butylbenzene	ND	1.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/12/24 13:08	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/12/24 13:08	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/12/24 13:08	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1115

Date Received: 8/8/2024

Field Sample #: EW7D-CP-00-20240806 | Sampled: 8/6/2024 12:05

Sample ID: 24H1115-12

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
Tetrachloroethylene	1.3	1.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/12/24 13:08	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	109	70-130		8/12/24 13:08
Toluene-d8	87.6	70-130		8/12/24 13:08
4-Bromofluorobenzene	92.2	70-130		8/12/24 13:08

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1115

Date Received: 8/8/2024

Field Sample #: EW11D-CP-00-20240807 | Sampled: 8/7/2024 08:35

Sample ID: 24H1115-13

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	130	50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 13:34	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
1,1-Dichloroethane	3.3	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
1,1-Dichloroethylene	23	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
cis-1,2-Dichloroethylene	4.5	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 13:34	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF

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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: 24H1115

Date Received: 8/8/2024

Field Sample #: EW11D-CP-00-20240807 | Sampled: 8/7/2024 08:35

Sample ID: 24H1115-13

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
Tetrachloroethylene	55	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
1,1,1-Trichloroethane	10	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
Trichloroethylene	150	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 13:34	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	106	70-130		8/9/24 13:34
Toluene-d8	85.7	70-130		8/9/24 13:34
4-Bromofluorobenzene	89.0	70-130		8/9/24 13:34

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1115

Date Received: 8/8/2024

Field Sample #: EW12D-CP-00-20240807 | Sampled: 8/7/2024 08:40

Sample ID: 24H1115-14

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	250	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
Benzene	ND	5.0	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
Bromochloromethane	ND	5.0	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
Bromodichloromethane	ND	2.5	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
Bromoform	ND	5.0	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
Bromomethane	ND	10	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
2-Butanone (MEK)	ND	100	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
n-Butylbenzene	ND	5.0	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
sec-Butylbenzene	ND	5.0	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
tert-Butylbenzene	ND	5.0	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
Carbon Disulfide	ND	25	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
Carbon Tetrachloride	ND	25	µg/L	5	V-05	SW-846 8260D	8/9/24	8/9/24 18:27	MFF
Chlorobenzene	ND	5.0	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
Chlorodibromomethane	ND	2.5	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
Chloroethane	ND	10	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
Chloroform	ND	10	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
Chloromethane	ND	10	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
Cyclohexane	ND	25	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	25	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
1,2-Dibromoethane (EDB)	ND	2.5	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
1,2-Dichlorobenzene	ND	5.0	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
1,3-Dichlorobenzene	ND	5.0	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
1,4-Dichlorobenzene	ND	5.0	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
Dichlorodifluoromethane (Freon 12)	ND	10	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
1,1-Dichloroethane	ND	5.0	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
1,2-Dichloroethane	ND	5.0	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
1,1-Dichloroethylene	ND	5.0	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
cis-1,2-Dichloroethylene	7.3	5.0	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
trans-1,2-Dichloroethylene	ND	5.0	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
1,2-Dichloropropane	ND	5.0	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
cis-1,3-Dichloropropene	ND	2.5	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
trans-1,3-Dichloropropene	ND	2.5	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
Ethylbenzene	ND	5.0	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
2-Hexanone (MBK)	ND	50	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
Isopropylbenzene (Cumene)	ND	5.0	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
p-Isopropyltoluene (p-Cymene)	ND	5.0	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
Methyl Acetate	ND	5.0	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
Methyl tert-Butyl Ether (MTBE)	ND	5.0	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
Methyl Cyclohexane	ND	5.0	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
Methylene Chloride	ND	25	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
4-Methyl-2-pentanone (MIBK)	ND	50	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
Naphthalene	ND	10	µg/L	5	V-05	SW-846 8260D	8/9/24	8/9/24 18:27	MFF
n-Propylbenzene	ND	5.0	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
Styrene	ND	5.0	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1115

Date Received: 8/8/2024

Field Sample #: EW12D-CP-00-20240807 | Sampled: 8/7/2024 08:40

Sample ID: 24H1115-14

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	2.5	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
Tetrachloroethylene	17	5.0	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
Toluene	ND	5.0	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
1,2,3-Trichlorobenzene	ND	25	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
1,2,4-Trichlorobenzene	ND	5.0	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
1,1,1-Trichloroethane	ND	5.0	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
1,1,2-Trichloroethane	ND	5.0	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
Trichloroethylene	390	5.0	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
Trichlorofluoromethane (Freon 11)	ND	10	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
1,2,3-Trichloropropane	ND	10	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
1,2,4-Trimethylbenzene	ND	5.0	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
1,3,5-Trimethylbenzene	ND	5.0	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
Vinyl Chloride	ND	10	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
m+p Xylene	ND	10	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
o-Xylene	ND	5.0	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF
Xylenes (total)	ND	5.0	µg/L	5		SW-846 8260D	8/9/24	8/9/24 18:27	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	105	70-130		8/9/24 18:27
Toluene-d8	86.5	70-130		8/9/24 18:27
4-Bromofluorobenzene	90.3	70-130		8/9/24 18:27

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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
24H1115-01 [EW1C-CP-00-20240805]	B382458	5	5.00	08/09/24
24H1115-02 [EW2A-CP-00-20240806]	B382458	5	5.00	08/09/24
24H1115-03 [EW2B-CP-00-20240806]	B382458	5	5.00	08/09/24
24H1115-04 [EW2C-CP-00-20240806]	B382458	5	5.00	08/09/24
24H1115-05 [EW2D-CP-00-20240806]	B382458	5	5.00	08/09/24
24H1115-06 [EW4A-CP-00-20240807]	B382458	5	5.00	08/09/24
24H1115-07 [EW4B-CP-00-20240807]	B382458	5	5.00	08/09/24

Prep Method:SW-846 5035 **Analytical Method:SW-846 8260D**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
24H1115-08 [EW4C-CP-00-20240807]	B382470	5	5.00	08/09/24
24H1115-09 [EW4D-CP-00-20240807]	B382470	5	5.00	08/09/24
24H1115-10 [EW5-CP-00-20240805]	B382470	5	5.00	08/09/24
24H1115-11 [EW7C-CP-00-20240806]	B382470	5	5.00	08/09/24
24H1115-13 [EW11D-CP-00-20240807]	B382470	5	5.00	08/09/24
24H1115-14 [EW12D-CP-00-20240807]	B382470	1	5.00	08/09/24

Prep Method:SW-846 5035 **Analytical Method:SW-846 8260D**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
24H1115-11RE1 [EW7C-CP-00-20240806]	B382582	0.5	5.00	08/12/24
24H1115-12 [EW7D-CP-00-20240806]	B382582	5	5.00	08/09/24

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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 B382458 - SW-846 5030B										
Blank (B382458-BLK1)				Prepared & Analyzed: 08/09/24						
Acetone	ND	50	µg/L							V-05
Benzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
Carbon Disulfide	ND	5.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							V-05
Cyclohexane	ND	5.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl Acetate	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methyl Cyclohexane	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B382458 - SW-846 5030B											
Blank (B382458-BLK1)				Prepared & Analyzed: 08/09/24							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L								
1,2,3-Trichloropropane	ND	2.0	µg/L								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L								
1,2,4-Trimethylbenzene	ND	1.0	µg/L								
1,3,5-Trimethylbenzene	ND	1.0	µg/L								
Vinyl Chloride	ND	2.0	µg/L								
m+p Xylene	ND	2.0	µg/L								
o-Xylene	ND	1.0	µg/L								
Xylenes (total)	ND	1.0	µg/L								
Surrogate: 1,2-Dichloroethane-d4	*24.2*		µg/L	25.0		96.8	70-130				
Surrogate: Toluene-d8	*24.7*		µg/L	25.0		98.8	70-130				
Surrogate: 4-Bromofluorobenzene	*26.0*		µg/L	25.0		104	70-130				
LCS (B382458-BS1)				Prepared & Analyzed: 08/09/24							
Acetone	73.7	50	µg/L	100		73.7	70-160			V-05	†
Benzene	10.1	1.0	µg/L	10.0		101	70-130				
Bromochloromethane	10.6	1.0	µg/L	10.0		106	70-130				
Bromodichloromethane	10.4	0.50	µg/L	10.0		104	70-130				
Bromoform	9.99	1.0	µg/L	10.0		99.9	70-130				
Bromomethane	9.89	2.0	µg/L	10.0		98.9	40-160				†
2-Butanone (MEK)	103	20	µg/L	100		103	40-160				†
n-Butylbenzene	10.1	1.0	µg/L	10.0		101	70-130				
sec-Butylbenzene	9.60	1.0	µg/L	10.0		96.0	70-130				
tert-Butylbenzene	9.71	1.0	µg/L	10.0		97.1	70-130				
Carbon Disulfide	96.1	5.0	µg/L	100		96.1	70-130				
Carbon Tetrachloride	9.85	5.0	µg/L	10.0		98.5	70-130				
Chlorobenzene	10.7	1.0	µg/L	10.0		107	70-130				
Chlorodibromomethane	10.8	0.50	µg/L	10.0		108	70-130				
Chloroethane	8.29	2.0	µg/L	10.0		82.9	70-130				
Chloroform	10.4	2.0	µg/L	10.0		104	70-130				
Chloromethane	7.39	2.0	µg/L	10.0		73.9	40-160			V-05	†
Cyclohexane	9.37	5.0	µg/L	10.0		93.7	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	9.78	5.0	µg/L	10.0		97.8	70-130				
1,2-Dibromoethane (EDB)	11.5	0.50	µg/L	10.0		115	70-130			V-20	
1,2-Dichlorobenzene	10.0	1.0	µg/L	10.0		100	70-130				
1,3-Dichlorobenzene	10.1	1.0	µg/L	10.0		101	70-130				
1,4-Dichlorobenzene	10.1	1.0	µg/L	10.0		101	70-130				
Dichlorodifluoromethane (Freon 12)	10.7	2.0	µg/L	10.0		107	40-160				†
1,1-Dichloroethane	9.82	1.0	µg/L	10.0		98.2	70-130				
1,2-Dichloroethane	10.3	1.0	µg/L	10.0		103	70-130				
1,1-Dichloroethylene	8.06	1.0	µg/L	10.0		80.6	70-130				
cis-1,2-Dichloroethylene	10.1	1.0	µg/L	10.0		101	70-130				
trans-1,2-Dichloroethylene	9.72	1.0	µg/L	10.0		97.2	70-130				
1,2-Dichloropropane	11.1	1.0	µg/L	10.0		111	70-130				
cis-1,3-Dichloropropene	10.6	0.50	µg/L	10.0		106	70-130				
trans-1,3-Dichloropropene	10.6	0.50	µg/L	10.0		106	70-130				
Ethylbenzene	10.7	1.0	µg/L	10.0		107	70-130				
2-Hexanone (MBK)	112	10	µg/L	100		112	70-160				†
Isopropylbenzene (Cumene)	10.5	1.0	µg/L	10.0		105	70-130				
p-Isopropyltoluene (p-Cymene)	9.92	1.0	µg/L	10.0		99.2	70-130				
Methyl Acetate	8.83	1.0	µg/L	10.0		88.3	70-130				
Methyl tert-Butyl Ether (MTBE)	9.50	1.0	µg/L	10.0		95.0	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 B382458 - SW-846 5030B											
LCS (B382458-BS1)				Prepared & Analyzed: 08/09/24							
Methyl Cyclohexane	11.0	1.0	µg/L	10.0		110	70-130				
Methylene Chloride	9.05	5.0	µg/L	10.0		90.5	70-130				
4-Methyl-2-pentanone (MIBK)	114	10	µg/L	100		114	70-160				†
Naphthalene	10.3	2.0	µg/L	10.0		103	40-130				†
n-Propylbenzene	10.7	1.0	µg/L	10.0		107	70-130				
Styrene	11.0	1.0	µg/L	10.0		110	70-130				
1,1,2,2-Tetrachloroethane	11.8	0.50	µg/L	10.0		118	70-130				
Tetrachloroethylene	12.3	1.0	µg/L	10.0		123	70-130			V-06	
Toluene	10.7	1.0	µg/L	10.0		107	70-130				
1,2,3-Trichlorobenzene	10.6	5.0	µg/L	10.0		106	70-130				
1,2,4-Trichlorobenzene	10.9	1.0	µg/L	10.0		109	70-130				
1,1,1-Trichloroethane	10.3	1.0	µg/L	10.0		103	70-130				
1,1,2-Trichloroethane	11.6	1.0	µg/L	10.0		116	70-130				
Trichloroethylene	11.3	1.0	µg/L	10.0		113	70-130				
Trichlorofluoromethane (Freon 11)	9.53	2.0	µg/L	10.0		95.3	70-130				
1,2,3-Trichloropropane	11.9	2.0	µg/L	10.0		119	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.12	1.0	µg/L	10.0		91.2	70-130				
1,2,4-Trimethylbenzene	9.99	1.0	µg/L	10.0		99.9	70-130				
1,3,5-Trimethylbenzene	11.1	1.0	µg/L	10.0		111	70-130				
Vinyl Chloride	7.93	2.0	µg/L	10.0		79.3	40-160				†
m+p Xylene	20.7	2.0	µg/L	20.0		104	70-130				
o-Xylene	10.2	1.0	µg/L	10.0		102	70-130				
Xylenes (total)	30.9	1.0	µg/L	30.0		103	0-200				
Surrogate: 1,2-Dichloroethane-d4	*23.8*		µg/L	25.0		95.2	70-130				
Surrogate: Toluene-d8	*25.1*		µg/L	25.0		100	70-130				
Surrogate: 4-Bromofluorobenzene	*26.2*		µg/L	25.0		105	70-130				
LCS Dup (B382458-BSD1)				Prepared & Analyzed: 08/09/24							
Acetone	73.6	50	µg/L	100		73.6	70-160	0.0407	25	V-05	†
Benzene	10.3	1.0	µg/L	10.0		103	70-130	1.37	25		
Bromochloromethane	10.9	1.0	µg/L	10.0		109	70-130	3.45	25		
Bromodichloromethane	10.1	0.50	µg/L	10.0		101	70-130	2.82	25		
Bromoform	9.75	1.0	µg/L	10.0		97.5	70-130	2.43	25		
Bromomethane	9.23	2.0	µg/L	10.0		92.3	40-160	6.90	25		†
2-Butanone (MEK)	102	20	µg/L	100		102	40-160	0.662	25		†
n-Butylbenzene	9.74	1.0	µg/L	10.0		97.4	70-130	3.53	25		
sec-Butylbenzene	9.22	1.0	µg/L	10.0		92.2	70-130	4.04	25		
tert-Butylbenzene	9.32	1.0	µg/L	10.0		93.2	70-130	4.10	25		
Carbon Disulfide	94.8	5.0	µg/L	100		94.8	70-130	1.34	25		
Carbon Tetrachloride	9.46	5.0	µg/L	10.0		94.6	70-130	4.04	25		
Chlorobenzene	10.6	1.0	µg/L	10.0		106	70-130	0.468	25		
Chlorodibromomethane	10.4	0.50	µg/L	10.0		104	70-130	4.34	25		
Chloroethane	7.36	2.0	µg/L	10.0		73.6	70-130	11.9	25		
Chloroform	10.2	2.0	µg/L	10.0		102	70-130	2.32	25		
Chloromethane	7.51	2.0	µg/L	10.0		75.1	40-160	1.61	25	V-05	†
Cyclohexane	9.08	5.0	µg/L	10.0		90.8	70-130	3.14	25		
1,2-Dibromo-3-chloropropane (DBCP)	9.19	5.0	µg/L	10.0		91.9	70-130	6.22	25		
1,2-Dibromoethane (EDB)	11.4	0.50	µg/L	10.0		114	70-130	1.05	25	V-20	
1,2-Dichlorobenzene	9.60	1.0	µg/L	10.0		96.0	70-130	4.48	25		
1,3-Dichlorobenzene	9.71	1.0	µg/L	10.0		97.1	70-130	4.33	25		
1,4-Dichlorobenzene	9.63	1.0	µg/L	10.0		96.3	70-130	4.37	25		
Dichlorodifluoromethane (Freon 12)	10.3	2.0	µg/L	10.0		103	40-160	4.29	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 B382458 - SW-846 5030B										
LCS Dup (B382458-BSD1)				Prepared & Analyzed: 08/09/24						
1,1-Dichloroethane	9.97	1.0	µg/L	10.0		99.7	70-130	1.52	25	
1,2-Dichloroethane	11.2	1.0	µg/L	10.0		112	70-130	8.92	25	
1,1-Dichloroethylene	7.77	1.0	µg/L	10.0		77.7	70-130	3.66	25	
cis-1,2-Dichloroethylene	9.91	1.0	µg/L	10.0		99.1	70-130	2.00	25	
trans-1,2-Dichloroethylene	9.44	1.0	µg/L	10.0		94.4	70-130	2.92	25	
1,2-Dichloropropane	10.9	1.0	µg/L	10.0		109	70-130	2.18	25	
cis-1,3-Dichloropropene	10.4	0.50	µg/L	10.0		104	70-130	2.66	25	
trans-1,3-Dichloropropene	10.2	0.50	µg/L	10.0		102	70-130	3.73	25	
Ethylbenzene	10.4	1.0	µg/L	10.0		104	70-130	2.75	25	
2-Hexanone (MBK)	109	10	µg/L	100		109	70-160	2.90	25	†
Isopropylbenzene (Cumene)	10.2	1.0	µg/L	10.0		102	70-130	3.68	25	
p-Isopropyltoluene (p-Cymene)	9.52	1.0	µg/L	10.0		95.2	70-130	4.12	25	
Methyl Acetate	9.17	1.0	µg/L	10.0		91.7	70-130	3.78	25	
Methyl tert-Butyl Ether (MTBE)	9.69	1.0	µg/L	10.0		96.9	70-130	1.98	25	
Methyl Cyclohexane	10.6	1.0	µg/L	10.0		106	70-130	3.70	25	
Methylene Chloride	9.09	5.0	µg/L	10.0		90.9	70-130	0.441	25	
4-Methyl-2-pentanone (MIBK)	111	10	µg/L	100		111	70-160	2.66	25	†
Naphthalene	9.90	2.0	µg/L	10.0		99.0	40-130	4.35	25	†
n-Propylbenzene	10.1	1.0	µg/L	10.0		101	70-130	5.58	25	
Styrene	10.8	1.0	µg/L	10.0		108	70-130	2.29	25	
1,1,2,2-Tetrachloroethane	11.7	0.50	µg/L	10.0		117	70-130	0.768	25	
Tetrachloroethylene	12.0	1.0	µg/L	10.0		120	70-130	2.97	25	V-06
Toluene	10.5	1.0	µg/L	10.0		105	70-130	1.69	25	
1,2,3-Trichlorobenzene	10.6	5.0	µg/L	10.0		106	70-130	0.849	25	
1,2,4-Trichlorobenzene	10.3	1.0	µg/L	10.0		103	70-130	5.66	25	
1,1,1-Trichloroethane	10.2	1.0	µg/L	10.0		102	70-130	1.07	25	
1,1,2-Trichloroethane	11.5	1.0	µg/L	10.0		115	70-130	0.521	25	
Trichloroethylene	11.0	1.0	µg/L	10.0		110	70-130	3.41	25	
Trichlorofluoromethane (Freon 11)	8.80	2.0	µg/L	10.0		88.0	70-130	7.97	25	
1,2,3-Trichloropropane	11.4	2.0	µg/L	10.0		114	70-130	4.20	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.77	1.0	µg/L	10.0		87.7	70-130	3.91	25	
1,2,4-Trimethylbenzene	9.80	1.0	µg/L	10.0		98.0	70-130	1.92	25	
1,3,5-Trimethylbenzene	10.8	1.0	µg/L	10.0		108	70-130	2.19	25	
Vinyl Chloride	7.88	2.0	µg/L	10.0		78.8	40-160	0.633	25	†
m+p Xylene	20.3	2.0	µg/L	20.0		102	70-130	1.90	25	
o-Xylene	9.91	1.0	µg/L	10.0		99.1	70-130	2.98	25	
Xylenes (total)	30.2	1.0	µg/L	30.0		101	0-200	2.26		
Surrogate: 1,2-Dichloroethane-d4	*24.2*		µg/L	25.0		96.7	70-130			
Surrogate: Toluene-d8	*25.0*		µg/L	25.0		100	70-130			
Surrogate: 4-Bromofluorobenzene	*26.2*		µg/L	25.0		105	70-130			
Batch B382470 - SW-846 5035										
Blank (B382470-BLK1)				Prepared & Analyzed: 08/09/24						
Acetone	ND	50	µg/L							
Benzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
n-Butylbenzene	ND	1.0	µg/L							

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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 B382470 - SW-846 5035										
Blank (B382470-BLK1)				Prepared & Analyzed: 08/09/24						
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
Carbon Disulfide	ND	5.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							V-05
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
Cyclohexane	ND	5.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl Acetate	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methyl Cyclohexane	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							V-05
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,2,3-Trichloropropane	ND	2.0	µg/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L							
1,2,4-Trimethylbenzene	ND	1.0	µg/L							
1,3,5-Trimethylbenzene	ND	1.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							

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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 B382470 - SW-846 5035												
Blank (B382470-BLK1)				Prepared & Analyzed: 08/09/24								
o-Xylene	ND	1.0	µg/L									
Xylenes (total)	ND	1.0	µg/L									
Surrogate: 1,2-Dichloroethane-d4	*25.8*		µg/L	25.0		103		70-130				
Surrogate: Toluene-d8	*21.1*		µg/L	25.0		84.2		70-130				
Surrogate: 4-Bromofluorobenzene	*22.8*		µg/L	25.0		91.2		70-130				
LCS (B382470-BS1)				Prepared & Analyzed: 08/09/24								
Acetone	93.3	50	µg/L	100		93.3		70-160				†
Benzene	10.1	1.0	µg/L	10.0		101		70-130				
Bromochloromethane	11.2	1.0	µg/L	10.0		112		70-130				
Bromodichloromethane	8.53	0.50	µg/L	10.0		85.3		70-130				
Bromoform	7.89	1.0	µg/L	10.0		78.9		70-130				
Bromomethane	7.65	2.0	µg/L	10.0		76.5		40-160				†
2-Butanone (MEK)	99.0	20	µg/L	100		99.0		40-160				†
n-Butylbenzene	9.58	1.0	µg/L	10.0		95.8		70-130				
sec-Butylbenzene	8.33	1.0	µg/L	10.0		83.3		70-130				
tert-Butylbenzene	8.08	1.0	µg/L	10.0		80.8		70-130				
Carbon Disulfide	101	5.0	µg/L	100		101		70-130				
Carbon Tetrachloride	7.51	5.0	µg/L	10.0		75.1		70-130			V-05	
Chlorobenzene	10.0	1.0	µg/L	10.0		100		70-130				
Chlorodibromomethane	7.93	0.50	µg/L	10.0		79.3		70-130				
Chloroethane	9.14	2.0	µg/L	10.0		91.4		70-130				
Chloroform	10.1	2.0	µg/L	10.0		101		70-130				
Chloromethane	18.7	2.0	µg/L	10.0		**187**	*	40-160			L-02, V-20	†
Cyclohexane	9.70	5.0	µg/L	10.0		97.0		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	8.66	5.0	µg/L	10.0		86.6		70-130				
1,2-Dibromoethane (EDB)	8.65	0.50	µg/L	10.0		86.5		70-130				
1,2-Dichlorobenzene	9.85	1.0	µg/L	10.0		98.5		70-130				
1,3-Dichlorobenzene	9.39	1.0	µg/L	10.0		93.9		70-130				
1,4-Dichlorobenzene	9.51	1.0	µg/L	10.0		95.1		70-130				
Dichlorodifluoromethane (Freon 12)	8.90	2.0	µg/L	10.0		89.0		40-160				†
1,1-Dichloroethane	9.87	1.0	µg/L	10.0		98.7		70-130				
1,2-Dichloroethane	10.1	1.0	µg/L	10.0		101		70-130				
1,1-Dichloroethylene	9.17	1.0	µg/L	10.0		91.7		70-130				
cis-1,2-Dichloroethylene	10.0	1.0	µg/L	10.0		100		70-130				
trans-1,2-Dichloroethylene	9.27	1.0	µg/L	10.0		92.7		70-130				
1,2-Dichloropropane	9.81	1.0	µg/L	10.0		98.1		70-130				
cis-1,3-Dichloropropene	8.43	0.50	µg/L	10.0		84.3		70-130				
trans-1,3-Dichloropropene	8.04	0.50	µg/L	10.0		80.4		70-130				
Ethylbenzene	9.30	1.0	µg/L	10.0		93.0		70-130				
2-Hexanone (MBK)	77.6	10	µg/L	100		77.6		70-160				†
Isopropylbenzene (Cumene)	8.80	1.0	µg/L	10.0		88.0		70-130				
p-Isopropyltoluene (p-Cymene)	9.01	1.0	µg/L	10.0		90.1		70-130				
Methyl Acetate	9.99	1.0	µg/L	10.0		99.9		70-130				
Methyl tert-Butyl Ether (MTBE)	8.72	1.0	µg/L	10.0		87.2		70-130				
Methyl Cyclohexane	10.2	1.0	µg/L	10.0		102		70-130				
Methylene Chloride	9.74	5.0	µg/L	10.0		97.4		70-130				
4-Methyl-2-pentanone (MIBK)	80.5	10	µg/L	100		80.5		70-160				†
Naphthalene	6.39	2.0	µg/L	10.0		63.9		40-130			V-05	†
n-Propylbenzene	9.16	1.0	µg/L	10.0		91.6		70-130				
Styrene	8.88	1.0	µg/L	10.0		88.8		70-130				
1,1,2,2-Tetrachloroethane	9.61	0.50	µg/L	10.0		96.1		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 B382470 - SW-846 5035												
LCS (B382470-BS1)				Prepared & Analyzed: 08/09/24								
Tetrachloroethylene	9.45	1.0	µg/L	10.0		94.5		70-130				
Toluene	8.80	1.0	µg/L	10.0		88.0		70-130				
1,2,3-Trichlorobenzene	8.98	5.0	µg/L	10.0		89.8		70-130				
1,2,4-Trichlorobenzene	8.77	1.0	µg/L	10.0		87.7		70-130				
1,1,1-Trichloroethane	10.0	1.0	µg/L	10.0		100		70-130				
1,1,2-Trichloroethane	8.91	1.0	µg/L	10.0		89.1		70-130				
Trichloroethylene	9.71	1.0	µg/L	10.0		97.1		70-130				
Trichlorofluoromethane (Freon 11)	9.70	2.0	µg/L	10.0		97.0		70-130				
1,2,3-Trichloropropane	10.4	2.0	µg/L	10.0		104		70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.26	1.0	µg/L	10.0		92.6		70-130				
1,2,4-Trimethylbenzene	8.73	1.0	µg/L	10.0		87.3		70-130				
1,3,5-Trimethylbenzene	9.21	1.0	µg/L	10.0		92.1		70-130				
Vinyl Chloride	8.52	2.0	µg/L	10.0		85.2		40-160				†
m+p Xylene	18.6	2.0	µg/L	20.0		93.2		70-130				
o-Xylene	8.99	1.0	µg/L	10.0		89.9		70-130				
Xylenes (total)	27.6	1.0	µg/L	30.0		92.1		0-200				
Surrogate: 1,2-Dichloroethane-d4	*26.4*		µg/L	25.0		106		70-130				
Surrogate: Toluene-d8	*22.4*		µg/L	25.0		89.6		70-130				
Surrogate: 4-Bromofluorobenzene	*24.5*		µg/L	25.0		98.2		70-130				
LCS Dup (B382470-BSD1)				Prepared & Analyzed: 08/09/24								
Acetone	97.7	50	µg/L	100		97.7		70-160	4.64	25		†
Benzene	10.4	1.0	µg/L	10.0		104		70-130	3.03	25		
Bromochloromethane	11.6	1.0	µg/L	10.0		116		70-130	3.41	25		
Bromodichloromethane	8.88	0.50	µg/L	10.0		88.8		70-130	4.02	25		
Bromoform	7.72	1.0	µg/L	10.0		77.2		70-130	2.18	25		
Bromomethane	8.09	2.0	µg/L	10.0		80.9		40-160	5.59	25		†
2-Butanone (MEK)	106	20	µg/L	100		106		40-160	6.71	25		†
n-Butylbenzene	9.22	1.0	µg/L	10.0		92.2		70-130	3.83	25		
sec-Butylbenzene	8.16	1.0	µg/L	10.0		81.6		70-130	2.06	25		
tert-Butylbenzene	8.00	1.0	µg/L	10.0		80.0		70-130	0.995	25		
Carbon Disulfide	101	5.0	µg/L	100		101		70-130	0.0494	25		
Carbon Tetrachloride	7.81	5.0	µg/L	10.0		78.1		70-130	3.92	25	V-05	
Chlorobenzene	9.66	1.0	µg/L	10.0		96.6		70-130	3.66	25		
Chlorodibromomethane	7.98	0.50	µg/L	10.0		79.8		70-130	0.629	25		
Chloroethane	8.92	2.0	µg/L	10.0		89.2		70-130	2.44	25		
Chloroform	10.1	2.0	µg/L	10.0		101		70-130	0.396	25		
Chloromethane	18.5	2.0	µg/L	10.0		**185**	*	40-160	1.18	25	L-02, V-20	†
Cyclohexane	9.40	5.0	µg/L	10.0		94.0		70-130	3.14	25		
1,2-Dibromo-3-chloropropane (DBCP)	9.08	5.0	µg/L	10.0		90.8		70-130	4.74	25		
1,2-Dibromoethane (EDB)	9.19	0.50	µg/L	10.0		91.9		70-130	6.05	25		
1,2-Dichlorobenzene	9.26	1.0	µg/L	10.0		92.6		70-130	6.17	25		
1,3-Dichlorobenzene	9.58	1.0	µg/L	10.0		95.8		70-130	2.00	25		
1,4-Dichlorobenzene	9.51	1.0	µg/L	10.0		95.1		70-130	0.00	25		
Dichlorodifluoromethane (Freon 12)	8.56	2.0	µg/L	10.0		85.6		40-160	3.89	25		†
1,1-Dichloroethane	9.84	1.0	µg/L	10.0		98.4		70-130	0.304	25		
1,2-Dichloroethane	10.4	1.0	µg/L	10.0		104		70-130	2.72	25		
1,1-Dichloroethylene	9.31	1.0	µg/L	10.0		93.1		70-130	1.52	25		
cis-1,2-Dichloroethylene	10.4	1.0	µg/L	10.0		104		70-130	4.11	25		
trans-1,2-Dichloroethylene	9.25	1.0	µg/L	10.0		92.5		70-130	0.216	25		
1,2-Dichloropropane	9.63	1.0	µg/L	10.0		96.3		70-130	1.85	25		
cis-1,3-Dichloropropene	8.54	0.50	µg/L	10.0		85.4		70-130	1.30	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 B382470 - SW-846 5035											
LCS Dup (B382470-BSD1)				Prepared & Analyzed: 08/09/24							
trans-1,3-Dichloropropene	8.02	0.50	µg/L	10.0		80.2	70-130	0.249	25		
Ethylbenzene	9.20	1.0	µg/L	10.0		92.0	70-130	1.08	25		
2-Hexanone (MBK)	82.5	10	µg/L	100		82.5	70-160	6.18	25		†
Isopropylbenzene (Cumene)	8.53	1.0	µg/L	10.0		85.3	70-130	3.12	25		
p-Isopropyltoluene (p-Cymene)	8.39	1.0	µg/L	10.0		83.9	70-130	7.13	25		
Methyl Acetate	9.96	1.0	µg/L	10.0		99.6	70-130	0.301	25		
Methyl tert-Butyl Ether (MTBE)	9.16	1.0	µg/L	10.0		91.6	70-130	4.92	25		
Methyl Cyclohexane	9.86	1.0	µg/L	10.0		98.6	70-130	3.49	25		
Methylene Chloride	10.1	5.0	µg/L	10.0		101	70-130	3.43	25		
4-Methyl-2-pentanone (MIBK)	85.4	10	µg/L	100		85.4	70-160	5.93	25		†
Naphthalene	6.54	2.0	µg/L	10.0		65.4	40-130	2.32	25	V-05	†
n-Propylbenzene	9.02	1.0	µg/L	10.0		90.2	70-130	1.54	25		
Styrene	8.78	1.0	µg/L	10.0		87.8	70-130	1.13	25		
1,1,2,2-Tetrachloroethane	9.71	0.50	µg/L	10.0		97.1	70-130	1.04	25		
Tetrachloroethylene	8.91	1.0	µg/L	10.0		89.1	70-130	5.88	25		
Toluene	8.79	1.0	µg/L	10.0		87.9	70-130	0.114	25		
1,2,3-Trichlorobenzene	9.03	5.0	µg/L	10.0		90.3	70-130	0.555	25		
1,2,4-Trichlorobenzene	8.80	1.0	µg/L	10.0		88.0	70-130	0.341	25		
1,1,1-Trichloroethane	9.76	1.0	µg/L	10.0		97.6	70-130	2.43	25		
1,1,2-Trichloroethane	9.08	1.0	µg/L	10.0		90.8	70-130	1.89	25		
Trichloroethylene	9.83	1.0	µg/L	10.0		98.3	70-130	1.23	25		
Trichlorofluoromethane (Freon 11)	9.56	2.0	µg/L	10.0		95.6	70-130	1.45	25		
1,2,3-Trichloropropane	11.4	2.0	µg/L	10.0		114	70-130	10.0	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.04	1.0	µg/L	10.0		90.4	70-130	2.40	25		
1,2,4-Trimethylbenzene	8.44	1.0	µg/L	10.0		84.4	70-130	3.38	25		
1,3,5-Trimethylbenzene	8.93	1.0	µg/L	10.0		89.3	70-130	3.09	25		
Vinyl Chloride	8.33	2.0	µg/L	10.0		83.3	40-160	2.26	25		†
m+p Xylene	18.4	2.0	µg/L	20.0		91.8	70-130	1.51	25		
o-Xylene	8.59	1.0	µg/L	10.0		85.9	70-130	4.55	25		
Xylenes (total)	27.0	1.0	µg/L	30.0		89.8	0-200	2.49			
Surrogate: 1,2-Dichloroethane-d4	*26.4*		µg/L	25.0		106	70-130				
Surrogate: Toluene-d8	*22.7*		µg/L	25.0		90.7	70-130				
Surrogate: 4-Bromofluorobenzene	*23.8*		µg/L	25.0		95.4	70-130				
Batch B382582 - SW-846 5035											
Blank (B382582-BLK1)				Prepared & Analyzed: 08/12/24							
Acetone	ND	50	µg/L								
Benzene	ND	1.0	µg/L								
Bromochloromethane	ND	1.0	µg/L								
Bromodichloromethane	ND	0.50	µg/L								
Bromoform	ND	1.0	µg/L								
Bromomethane	ND	2.0	µg/L								
2-Butanone (MEK)	ND	20	µg/L								
n-Butylbenzene	ND	1.0	µg/L								
sec-Butylbenzene	ND	1.0	µg/L								
tert-Butylbenzene	ND	1.0	µg/L							V-05	
Carbon Disulfide	ND	5.0	µg/L								
Carbon Tetrachloride	ND	5.0	µg/L							V-05	
Chlorobenzene	ND	1.0	µg/L								
Chlorodibromomethane	ND	0.50	µg/L								
Chloroethane	ND	2.0	µg/L								

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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 B382582 - SW-846 5035										
Blank (B382582-BLK1)				Prepared & Analyzed: 08/12/24						
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
Cyclohexane	ND	5.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl Acetate	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methyl Cyclohexane	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							V-05
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,2,3-Trichloropropane	ND	2.0	µg/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L							
1,2,4-Trimethylbenzene	ND	1.0	µg/L							
1,3,5-Trimethylbenzene	ND	1.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	1.0	µg/L							
Xylenes (total)	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	*27.3*		µg/L	25.0		109	70-130			
Surrogate: Toluene-d8	*22.6*		µg/L	25.0		90.5	70-130			
Surrogate: 4-Bromofluorobenzene	*22.8*		µg/L	25.0		91.0	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 B382582 - SW-846 5035												
LCS (B382582-BS1)				Prepared & Analyzed: 08/12/24								
Acetone	96.0	50	µg/L	100		96.0		70-160				†
Benzene	10.2	1.0	µg/L	10.0		102		70-130				
Bromochloromethane	11.5	1.0	µg/L	10.0		115		70-130				
Bromodichloromethane	8.73	0.50	µg/L	10.0		87.3		70-130				
Bromoform	7.76	1.0	µg/L	10.0		77.6		70-130				
Bromomethane	9.18	2.0	µg/L	10.0		91.8		40-160				†
2-Butanone (MEK)	100	20	µg/L	100		100		40-160			V-20	†
n-Butylbenzene	8.79	1.0	µg/L	10.0		87.9		70-130				
sec-Butylbenzene	7.96	1.0	µg/L	10.0		79.6		70-130				
tert-Butylbenzene	7.79	1.0	µg/L	10.0		77.9		70-130			V-05	
Carbon Disulfide	101	5.0	µg/L	100		101		70-130				
Carbon Tetrachloride	7.36	5.0	µg/L	10.0		73.6		70-130			V-05	
Chlorobenzene	9.65	1.0	µg/L	10.0		96.5		70-130				
Chlorodibromomethane	8.37	0.50	µg/L	10.0		83.7		70-130				
Chloroethane	8.69	2.0	µg/L	10.0		86.9		70-130				
Chloroform	10.2	2.0	µg/L	10.0		102		70-130				
Chloromethane	19.1	2.0	µg/L	10.0		**191**	*	40-160			L-02, V-20	†
Cyclohexane	9.49	5.0	µg/L	10.0		94.9		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	8.80	5.0	µg/L	10.0		88.0		70-130				
1,2-Dibromoethane (EDB)	9.17	0.50	µg/L	10.0		91.7		70-130				
1,2-Dichlorobenzene	9.25	1.0	µg/L	10.0		92.5		70-130				
1,3-Dichlorobenzene	9.37	1.0	µg/L	10.0		93.7		70-130				
1,4-Dichlorobenzene	8.85	1.0	µg/L	10.0		88.5		70-130				
Dichlorodifluoromethane (Freon 12)	8.57	2.0	µg/L	10.0		85.7		40-160				†
1,1-Dichloroethane	9.69	1.0	µg/L	10.0		96.9		70-130				
1,2-Dichloroethane	10.8	1.0	µg/L	10.0		108		70-130				
1,1-Dichloroethylene	9.39	1.0	µg/L	10.0		93.9		70-130				
cis-1,2-Dichloroethylene	10.0	1.0	µg/L	10.0		100		70-130				
trans-1,2-Dichloroethylene	9.21	1.0	µg/L	10.0		92.1		70-130				
1,2-Dichloropropane	9.72	1.0	µg/L	10.0		97.2		70-130				
cis-1,3-Dichloropropene	8.45	0.50	µg/L	10.0		84.5		70-130				
trans-1,3-Dichloropropene	8.24	0.50	µg/L	10.0		82.4		70-130				
Ethylbenzene	9.45	1.0	µg/L	10.0		94.5		70-130				
2-Hexanone (MBK)	82.9	10	µg/L	100		82.9		70-160				†
Isopropylbenzene (Cumene)	8.56	1.0	µg/L	10.0		85.6		70-130				
p-Isopropyltoluene (p-Cymene)	8.28	1.0	µg/L	10.0		82.8		70-130				
Methyl Acetate	9.71	1.0	µg/L	10.0		97.1		70-130				
Methyl tert-Butyl Ether (MTBE)	8.75	1.0	µg/L	10.0		87.5		70-130				
Methyl Cyclohexane	9.24	1.0	µg/L	10.0		92.4		70-130				
Methylene Chloride	9.65	5.0	µg/L	10.0		96.5		70-130				
4-Methyl-2-pentanone (MIBK)	86.1	10	µg/L	100		86.1		70-160				†
Naphthalene	5.67	2.0	µg/L	10.0		56.7		40-130			V-05	†
n-Propylbenzene	9.26	1.0	µg/L	10.0		92.6		70-130				
Styrene	8.59	1.0	µg/L	10.0		85.9		70-130				
1,1,2,2-Tetrachloroethane	9.34	0.50	µg/L	10.0		93.4		70-130				
Tetrachloroethylene	9.33	1.0	µg/L	10.0		93.3		70-130				
Toluene	9.13	1.0	µg/L	10.0		91.3		70-130				
1,2,3-Trichlorobenzene	8.42	5.0	µg/L	10.0		84.2		70-130				
1,2,4-Trichlorobenzene	8.49	1.0	µg/L	10.0		84.9		70-130				
1,1,1-Trichloroethane	9.82	1.0	µg/L	10.0		98.2		70-130				
1,1,2-Trichloroethane	9.19	1.0	µg/L	10.0		91.9		70-130				
Trichloroethylene	9.98	1.0	µg/L	10.0		99.8		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 B382582 - SW-846 5035												
LCS (B382582-BS1)				Prepared & Analyzed: 08/12/24								
Trichlorofluoromethane (Freon 11)	9.89	2.0	µg/L	10.0		98.9		70-130				
1,2,3-Trichloropropane	11.2	2.0	µg/L	10.0		112		70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.35	1.0	µg/L	10.0		93.5		70-130				
1,2,4-Trimethylbenzene	8.50	1.0	µg/L	10.0		85.0		70-130				
1,3,5-Trimethylbenzene	9.52	1.0	µg/L	10.0		95.2		70-130				
Vinyl Chloride	8.62	2.0	µg/L	10.0		86.2		40-160				†
m+p Xylene	18.9	2.0	µg/L	20.0		94.4		70-130				
o-Xylene	8.98	1.0	µg/L	10.0		89.8		70-130				
Xylenes (total)	27.8	1.0	µg/L	30.0		92.8		0-200				
Surrogate: 1,2-Dichloroethane-d4	*25.4*		µg/L	25.0		102		70-130				
Surrogate: Toluene-d8	*23.2*		µg/L	25.0		92.9		70-130				
Surrogate: 4-Bromofluorobenzene	*24.7*		µg/L	25.0		98.8		70-130				
LCS Dup (B382582-BSD1)				Prepared & Analyzed: 08/12/24								
Acetone	106	50	µg/L	100		106		70-160	9.52	25		†
Benzene	9.49	1.0	µg/L	10.0		94.9		70-130	6.72	25		
Bromochloromethane	11.4	1.0	µg/L	10.0		114		70-130	1.40	25		
Bromodichloromethane	10.1	0.50	µg/L	10.0		101		70-130	14.8	25		
Bromoform	8.18	1.0	µg/L	10.0		81.8		70-130	5.27	25		
Bromomethane	9.44	2.0	µg/L	10.0		94.4		40-160	2.79	25		†
2-Butanone (MEK)	111	20	µg/L	100		111		40-160	10.3	25	V-20	†
n-Butylbenzene	9.40	1.0	µg/L	10.0		94.0		70-130	6.71	25		
sec-Butylbenzene	8.41	1.0	µg/L	10.0		84.1		70-130	5.50	25		
tert-Butylbenzene	8.27	1.0	µg/L	10.0		82.7		70-130	5.98	25	V-05	
Carbon Disulfide	106	5.0	µg/L	100		106		70-130	4.68	25		
Carbon Tetrachloride	6.89	5.0	µg/L	10.0		**68.9**	*	70-130	6.60	25	L-07, V-05	
Chlorobenzene	9.97	1.0	µg/L	10.0		99.7		70-130	3.26	25		
Chlorodibromomethane	9.42	0.50	µg/L	10.0		94.2		70-130	11.8	25		
Chloroethane	8.88	2.0	µg/L	10.0		88.8		70-130	2.16	25		
Chloroform	10.4	2.0	µg/L	10.0		104		70-130	1.36	25		
Chloromethane	19.2	2.0	µg/L	10.0		**192**	*	40-160	0.470	25	L-02, V-20	†
Cyclohexane	9.91	5.0	µg/L	10.0		99.1		70-130	4.33	25		
1,2-Dibromo-3-chloropropane (DBCP)	9.31	5.0	µg/L	10.0		93.1		70-130	5.63	25		
1,2-Dibromoethane (EDB)	10.5	0.50	µg/L	10.0		105		70-130	13.4	25		
1,2-Dichlorobenzene	9.60	1.0	µg/L	10.0		96.0		70-130	3.71	25		
1,3-Dichlorobenzene	9.50	1.0	µg/L	10.0		95.0		70-130	1.38	25		
1,4-Dichlorobenzene	9.23	1.0	µg/L	10.0		92.3		70-130	4.20	25		
Dichlorodifluoromethane (Freon 12)	9.15	2.0	µg/L	10.0		91.5		40-160	6.55	25		†
1,1-Dichloroethane	10.6	1.0	µg/L	10.0		106		70-130	8.50	25		
1,2-Dichloroethane	10.7	1.0	µg/L	10.0		107		70-130	0.372	25		
1,1-Dichloroethylene	9.93	1.0	µg/L	10.0		99.3		70-130	5.59	25		
cis-1,2-Dichloroethylene	10.4	1.0	µg/L	10.0		104		70-130	3.54	25		
trans-1,2-Dichloroethylene	9.59	1.0	µg/L	10.0		95.9		70-130	4.04	25		
1,2-Dichloropropane	10.6	1.0	µg/L	10.0		106		70-130	8.19	25		
cis-1,3-Dichloropropene	9.73	0.50	µg/L	10.0		97.3		70-130	14.1	25		
trans-1,3-Dichloropropene	9.51	0.50	µg/L	10.0		95.1		70-130	14.3	25		
Ethylbenzene	9.78	1.0	µg/L	10.0		97.8		70-130	3.43	25		
2-Hexanone (MBK)	99.1	10	µg/L	100		99.1		70-160	17.8	25		†
Isopropylbenzene (Cumene)	8.87	1.0	µg/L	10.0		88.7		70-130	3.56	25		
p-Isopropyltoluene (p-Cymene)	9.05	1.0	µg/L	10.0		90.5		70-130	8.89	25		
Methyl Acetate	10.6	1.0	µg/L	10.0		106		70-130	8.95	25		
Methyl tert-Butyl Ether (MTBE)	9.39	1.0	µg/L	10.0		93.9		70-130	7.06	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 B382582 - SW-846 5035											
LCS Dup (B382582-BSD1)				Prepared & Analyzed: 08/12/24							
Methyl Cyclohexane	9.73	1.0	µg/L	10.0		97.3	70-130	5.17	25		
Methylene Chloride	10.0	5.0	µg/L	10.0		100	70-130	4.06	25		
4-Methyl-2-pentanone (MIBK)	101	10	µg/L	100		101	70-160	16.2	25		†
Naphthalene	5.99	2.0	µg/L	10.0		59.9	40-130	5.49	25	V-05	†
n-Propylbenzene	9.34	1.0	µg/L	10.0		93.4	70-130	0.860	25		
Styrene	9.05	1.0	µg/L	10.0		90.5	70-130	5.22	25		
1,1,2,2-Tetrachloroethane	9.96	0.50	µg/L	10.0		99.6	70-130	6.42	25		
Tetrachloroethylene	10.4	1.0	µg/L	10.0		104	70-130	11.0	25		
Toluene	10.3	1.0	µg/L	10.0		103	70-130	12.3	25		
1,2,3-Trichlorobenzene	8.80	5.0	µg/L	10.0		88.0	70-130	4.41	25		
1,2,4-Trichlorobenzene	8.61	1.0	µg/L	10.0		86.1	70-130	1.40	25		
1,1,1-Trichloroethane	10.4	1.0	µg/L	10.0		104	70-130	5.45	25		
1,1,2-Trichloroethane	10.6	1.0	µg/L	10.0		106	70-130	13.9	25		
Trichloroethylene	10.4	1.0	µg/L	10.0		104	70-130	3.83	25		
Trichlorofluoromethane (Freon 11)	10.3	2.0	µg/L	10.0		103	70-130	3.87	25		
1,2,3-Trichloropropane	11.5	2.0	µg/L	10.0		115	70-130	2.46	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.79	1.0	µg/L	10.0		97.9	70-130	4.60	25		
1,2,4-Trimethylbenzene	9.10	1.0	µg/L	10.0		91.0	70-130	6.82	25		
1,3,5-Trimethylbenzene	9.40	1.0	µg/L	10.0		94.0	70-130	1.27	25		
Vinyl Chloride	9.10	2.0	µg/L	10.0		91.0	40-160	5.42	25		†
m+p Xylene	19.2	2.0	µg/L	20.0		96.0	70-130	1.68	25		
o-Xylene	8.91	1.0	µg/L	10.0		89.1	70-130	0.783	25		
Xylenes (total)	28.1	1.0	µg/L	30.0		93.7	0-200	0.894			
Surrogate: 1,2-Dichloroethane-d4	*24.0*		µg/L	25.0		96.0	70-130				
Surrogate: Toluene-d8	*26.3*		µg/L	25.0		105	70-130				
Surrogate: 4-Bromofluorobenzene	*24.8*		µg/L	25.0		99.3	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.
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
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
Benzene	CT,ME,NH,VA,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
n-Butylbenzene	ME,VA,NY
sec-Butylbenzene	ME,VA,NY
tert-Butylbenzene	ME,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
Cyclohexane	ME,NY
1,2-Dibromo-3-chloropropane (DBCP)	ME,NY
1,2-Dibromoethane (EDB)	ME,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
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
cis-1,3-Dichloropropene	CT,ME,NH,VA,NY
trans-1,3-Dichloropropene	CT,ME,NH,VA,NY
Ethylbenzene	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
1,1,2,2-Tetrachloroethane	CT,ME,NH,VA,NY
Tetrachloroethylene	CT,ME,NH,VA,NY
Toluene	CT,ME,NH,VA,NY

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Water	
1,2,3-Trichlorobenzene	ME,NH,VA,NY
1,2,4-Trichlorobenzene	CT,ME,NH,VA,NY
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
Xylenes (total)	ME,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	04/1/2025
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2025
ME	State of Maine	MA00100	06/9/2025
VA	Commonwealth of Virginia	460217	12/14/2024

RAMBOLL

Chain of Custody / Analysis Report

Sampler(s): Liam Blake
(Signature)

24H1115

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

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 Q3 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

Analysis Required

Preservatives: (see key at bottom)

	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)	DER TCL VOCs by SW-36/8260	1
1	EW1C-CP-00-20240805	EW-1C	8/5/2024	12:40	N	WG	3	G	N	X	
2	EW2A-CP-00-20240806	EW-2A	8/6/2024	9:10	N	WG	3	G	N	X	
3	EW2B-CP-00-20240806	EW-2B	8/6/2024	9:15	N	WG	3	G	N	X	
4	EW2C-CP-00-20240806	EW-2C	8/6/2024	9:20	N	WG	3	G	N	X	
5	EW2D-CP-00-20240806	EW-2D	8/6/2024	9:25	N	WG	3	G	N	X	
6	EW4A-CP-00-20240807	EW-4A	8/7/2024	8:45	N	WG	3	G	N	X	
7	EW4B-CP-00-20240807	EW-4B	8/7/2024	8:50	N	WG	3	G	N	X	
8	EW4C-CP-00-20240807	EW-4C	8/7/2024	8:55	N	WG	3	G	N	X	
9	EW4D-CP-00-20240807	EW-4D	8/7/2024	9:00	N	WG	3	G	N	X	
10	EW5-CP-00-20240805	EW-5	8/5/2024	13:05	N	WG	3	G	N	X	
11	EW7C-CP-00-20240806	EW-7C	8/6/2024	12:00	N	WG	3	G	N	X	
12	EW7D-CP-00-20240806	EW-7D	8/6/2024	12:05	N	WG	3	G	N	X	
13	EW11D-CP-00-20240807	EW-11D	8/7/2024	8:35	N	WG	3	G	N	X	
14	EW12D-CP-00-20240807	EW-12D	8/7/2024	8:40	N	WG	3	G	N	X	

Special Instructions:

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

Relinquished by: Liam Blake	Date: 8/7/24	Courier Name: MSMA(AA)	Date: 8/7 1540	Condition:
Of: Ramboll	Time: 13:20	Tracking #:	Time:	
Relinquished by:	Date: 8/7/24	Courier Name:	Date:	Custody Seals Intact? (if so, indicate the #, date, and time of the seal)
Of:	Time: 18:00	Tracking #:	Time:	
Courier Name: MSMA(AA) FedEx	Date: 8/7	Received By:	Date: 8/7/24	Cooler Temperature:
Tracking #:	Time: 2045	Of:	Time: 13:20	3.4

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

GW SO 8/6-8/8/24

Anthony Green AUG 07 2024 PACE 8/8/24 0345

Anthony Green PACE 8/8/24 0000

PACE 8/8/24 06:00

PACE 8/8/24 08:40

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Table of Contents

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

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

Client: Rumbull

Project: Claremont PONChemical 5th Q3 Summary

MCP/RCP Required: MA

Deliverable Package Requirement: MA

Location: Old Bethpage, New York

PWSID# (When Applicable): MA

Arrival Method:

Courier ☑ Fed Ex ☐ Walk In ☐ Other ☐

Received By / Date / Time: ER 8/8/24 810

Back-Sheet By / Date / Time: LA 8/8/24 1635

Temperature Method: Gun #3

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

Temp ☑ ≤ 6° C Actual Temperature: 3.4, 3.0

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	☑	☐

COC Included: (Check all included)

Client ☑ Analysis ☑ Sampler Name ☐

Project ☑ IDs ☑ Collection Date/Time ☑

All Samples Proper pH: N/A ☐ ☐

Notes regarding Samples/COC outside of SOP:

Additional Container Notes

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

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

Sample		
16oz Amb/Clear	(Circle Amb/Clear)	Soils Jars
8oz Amb/Clear		
4oz Amb/Clear		
2oz Amb/Clear		
Unpreserved	1 Liter	Ambers
HCL		
Sulfuric		
Sulfuric	250mL	
Phosphoric		
HCl		
Unpreserved	100mL	
Unpreserved	1 Liter	Plastics
Sulfuric		
Unpreserved	500mL	
Sulfuric		
Unpreserved	250mL	
Trizma		
Sulfuric		
Nitric		
NaOH		
Ammonium Acetate		
NaOH/Zinc		
Unpreserved		VOA Vials
HCl		
MeOH		
D.I. Water		
BiSulfate		
Col/Bact		Other / Fill in

20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1

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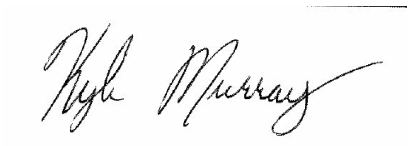
August 13, 2024

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: 24H1122

Enclosed are results of analyses for samples as received by the laboratory on August 8, 2024. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kyle A. Murray
Project Manager

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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: 8/13/2024

PURCHASE ORDER NUMBER: 151811

PROJECT NUMBER: 130015

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 24H1122

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
EW14D-CP-00-20240805	24H1122-01	Ground Water		SW-846 8260D	
M30BR-CP-00-20240806	24H1122-02	Ground Water		SW-846 8260D	
MW6D-CP-00-20240806	24H1122-03	Ground Water		SW-846 8260D	
MW6D-CP-01-20240806	24H1122-04	Ground Water		SW-846 8260D	
MW7BR-CP-00-20240806	24H1122-05	Ground Water		SW-846 8260D	
MW8C-CP-00-20240806	24H1122-06	Ground Water		SW-846 8260D	
MW10D-CP-00-20240806	24H1122-07	Ground Water		SW-846 8260D	
MW11A-CP-00-20240807	24H1122-08	Ground Water		SW-846 8260D	
MW11B-CP-00-20240807	24H1122-09	Ground Water		SW-846 8260D	
SW1-CP-00-20240805	24H1122-10	Ground Water		SW-846 8260D	
WT01-CP-00-20240807	24H1122-11	Ground Water		SW-846 8260D	
TB-CP-QC-20240807	24H1122-12	Trip Blank Water		SW-846 8260D	
OBS1-CP-00-20240805	24H1122-13	Ground Water		SW-846 8260D	
LF1-CP-00-20240805	24H1122-14	Ground Water		SW-846 8260D	
MW5B-CP-00-20240806	24H1122-15	Ground Water		SW-846 8260D	
MW6B-CP-00-20240806	24H1122-16	Ground Water		SW-846 8260D	
MW6C-CP-00-20240806	24H1122-17	Ground Water		SW-846 8260D	
MW6E-CP-00-20240806	24H1122-18	Ground Water		SW-846 8260D	
MW6F-CP-00-20240806	24H1122-19	Ground Water		SW-846 8260D	
MW8A-CP-00-20240806	24H1122-20	Ground Water		SW-846 8260D	
MW8B-CP-00-20240806	24H1122-21	Ground Water		SW-846 8260D	
MW9B-CP-00-20240805	24H1122-22	Ground Water		SW-846 8260D	
MW9C-CP-00-20240805	24H1122-23	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:

L-02

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

Analyte & Samples(s) Qualified:

Bromoform
B382602-BS1, B382602-BSD1

Chloromethane
B382470-BS1, B382470-BSD1

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:

Carbon Tetrachloride
24H1122-01[EW14D-CP-00-20240805], 24H1122-02[M30BR-CP-00-20240806], 24H1122-03[MW6D-CP-00-20240806], 24H1122-04[MW6D-CP-01-20240806], 24H1122-05[MW7BR-CP-00-20240806], 24H1122-06[MW8C-CP-00-20240806], 24H1122-07[MW10D-CP-00-20240806], 24H1122-08[MW11A-CP-00-20240807], 24H1122-09[MW11B-CP-00-20240807], 24H1122-10[SW1-CP-00-20240805], 24H1122-11[WT01-CP-00-20240807], B382470-BLK1, B382470-BS1, B382470-BSD1, S108788-CCV1

Naphthalene
24H1122-01[EW14D-CP-00-20240805], 24H1122-02[M30BR-CP-00-20240806], 24H1122-03[MW6D-CP-00-20240806], 24H1122-04[MW6D-CP-01-20240806], 24H1122-05[MW7BR-CP-00-20240806], 24H1122-06[MW8C-CP-00-20240806], 24H1122-07[MW10D-CP-00-20240806], 24H1122-08[MW11A-CP-00-20240807], 24H1122-09[MW11B-CP-00-20240807], 24H1122-10[SW1-CP-00-20240805], 24H1122-11[WT01-CP-00-20240807], B382470-BLK1, B382470-BS1, B382470-BSD1, S108788-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:

Bromoform
B382602-BS1, B382602-BSD1, S108872-CCV1

Chloromethane
B382470-BS1, B382470-BSD1, S108788-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.

Lisa A. Worthington
Technical Representative

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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: 24H1122

Date Received: 8/8/2024

Field Sample #: EW14D-CP-00-20240805 | Sampled: 8/5/2024 12:05

Sample ID: 24H1122-01

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	79	50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 14:00	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 14:00	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1122

Date Received: 8/8/2024

Field Sample #: EW14D-CP-00-20240805 | Sampled: 8/5/2024 12:05

Sample ID: 24H1122-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
Tetrachloroethylene	1.8	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
1,1,1-Trichloroethane	1.2	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
Trichloroethylene	12	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:00	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	107	70-130		8/9/24 14:00
Toluene-d8	85.0	70-130		8/9/24 14:00
4-Bromofluorobenzene	89.1	70-130		8/9/24 14:00

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1122

Date Received: 8/8/2024

Field Sample #: M30BR-CP-00-20240806 | Sampled: 8/6/2024 11:45

Sample ID: 24H1122-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 14:27	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 14:27	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1122

Date Received: 8/8/2024

Field Sample #: M30BR-CP-00-20240806 | Sampled: 8/6/2024 11:45

Sample ID: 24H1122-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:27	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	107	70-130		8/9/24 14:27
Toluene-d8	87.4	70-130		8/9/24 14:27
4-Bromofluorobenzene	90.4	70-130		8/9/24 14:27

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1122

Date Received: 8/8/2024

Field Sample #: MW6D-CP-00-20240806 | Sampled: 8/6/2024 10:00

Sample ID: 24H1122-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 14:54	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
Isopropylbenzene (Cumene)	1.5	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 14:54	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1122

Date Received: 8/8/2024

Field Sample #: MW6D-CP-00-20240806 | Sampled: 8/6/2024 10:00

Sample ID: 24H1122-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 14:54	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	104	70-130		8/9/24 14:54
Toluene-d8	85.4	70-130		8/9/24 14:54
4-Bromofluorobenzene	90.4	70-130		8/9/24 14:54

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1122

Date Received: 8/8/2024

Field Sample #: MW6D-CP-01-20240806 | Sampled: 8/6/2024 00:00

Sample ID: 24H1122-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 15:21	MFF
Chlorobenzene	1.1	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
1,4-Dichlorobenzene	1.1	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
Isopropylbenzene (Cumene)	1.7	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
Methyl Acetate	11	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 15:21	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1122

Date Received: 8/8/2024

Field Sample #: MW6D-CP-01-20240806 | Sampled: 8/6/2024 00:00

Sample ID: 24H1122-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:21	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	108	70-130		8/9/24 15:21
Toluene-d8	86.3	70-130		8/9/24 15:21
4-Bromofluorobenzene	92.8	70-130		8/9/24 15:21

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1122

Date Received: 8/8/2024

Field Sample #: MW7BR-CP-00-20240806 | Sampled: 8/6/2024 08:40

Sample ID: 24H1122-05

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	190	50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 15:47	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 15:47	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1122

Date Received: 8/8/2024

Field Sample #: MW7BR-CP-00-20240806 | Sampled: 8/6/2024 08:40

Sample ID: 24H1122-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
Tetrachloroethylene	1.4	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
Trichloroethylene	31	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 15:47	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	107	70-130		8/9/24 15:47
Toluene-d8	84.9	70-130		8/9/24 15:47
4-Bromofluorobenzene	87.8	70-130		8/9/24 15:47

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1122

Date Received: 8/8/2024

Field Sample #: MW8C-CP-00-20240806 | Sampled: 8/6/2024 09:40

Sample ID: 24H1122-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 16:14	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 16:14	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1122

Date Received: 8/8/2024

Field Sample #: MW8C-CP-00-20240806 | Sampled: 8/6/2024 09:40

Sample ID: 24H1122-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:14	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	105	70-130		8/9/24 16:14
Toluene-d8	86.9	70-130		8/9/24 16:14
4-Bromofluorobenzene	91.5	70-130		8/9/24 16:14

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1122

Date Received: 8/8/2024

Field Sample #: MW10D-CP-00-20240806 | Sampled: 8/6/2024 10:45

Sample ID: 24H1122-07

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	290	50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 16:41	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
1,1-Dichloroethane	1.6	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
1,1-Dichloroethylene	6.2	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
cis-1,2-Dichloroethylene	7.1	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 16:41	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1122

Date Received: 8/8/2024

Field Sample #: MW10D-CP-00-20240806 | Sampled: 8/6/2024 10:45

Sample ID: 24H1122-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
Tetrachloroethylene	11	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
1,1,1-Trichloroethane	3.0	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
Trichloroethylene	160	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 16:41	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	106	70-130		8/9/24 16:41
Toluene-d8	87.0	70-130		8/9/24 16:41
4-Bromofluorobenzene	85.0	70-130		8/9/24 16:41

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1122

Date Received: 8/8/2024

Field Sample #: MW11A-CP-00-20240807 | Sampled: 8/7/2024 11:15

Sample ID: 24H1122-08

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	77	50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 17:07	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
Dichlorodifluoromethane (Freon 12)	2.6	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
1,1-Dichloroethane	6.3	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
cis-1,2-Dichloroethylene	54	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 17:07	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1122

Date Received: 8/8/2024

Field Sample #: MW11A-CP-00-20240807 | Sampled: 8/7/2024 11:15

Sample ID: 24H1122-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
Tetrachloroethylene	5.2	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
Trichloroethylene	6.2	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:07	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	108	70-130		8/9/24 17:07
Toluene-d8	85.6	70-130		8/9/24 17:07
4-Bromofluorobenzene	87.9	70-130		8/9/24 17:07

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1122

Date Received: 8/8/2024

Field Sample #: MW11B-CP-00-20240807 | Sampled: 8/7/2024 11:20

Sample ID: 24H1122-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
Benzene	1.8	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 17:34	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
Dichlorodifluoromethane (Freon 12)	3.3	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
1,1-Dichloroethane	19	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
1,2-Dichloroethane	1.5	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
1,1-Dichloroethylene	2.3	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
cis-1,2-Dichloroethylene	34	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
Methyl Acetate	9.7	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 17:34	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1122

Date Received: 8/8/2024

Field Sample #: MW11B-CP-00-20240807 | Sampled: 8/7/2024 11:20

Sample ID: 24H1122-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
Tetrachloroethylene	5.3	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
1,1,1-Trichloroethane	3.1	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
Trichloroethylene	6.7	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.2	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
Vinyl Chloride	2.2	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 17:34	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	107	70-130		8/9/24 17:34
Toluene-d8	85.8	70-130		8/9/24 17:34
4-Bromofluorobenzene	87.8	70-130		8/9/24 17:34

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1122

Date Received: 8/8/2024

Field Sample #: SW1-CP-00-20240805 | Sampled: 8/5/2024 12:50

Sample ID: 24H1122-10

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	240	50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 18:54	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
cis-1,2-Dichloroethylene	8.3	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 18:54	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1122

Date Received: 8/8/2024

Field Sample #: SW1-CP-00-20240805 | Sampled: 8/5/2024 12:50

Sample ID: 24H1122-10

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
Tetrachloroethylene	180	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
Trichloroethylene	9.4	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:54	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	105	70-130		8/9/24 18:54
Toluene-d8	86.4	70-130		8/9/24 18:54
4-Bromofluorobenzene	90.7	70-130		8/9/24 18:54

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1122

Date Received: 8/8/2024

Field Sample #: WT01-CP-00-20240807 | Sampled: 8/7/2024 09:15

Sample ID: 24H1122-11

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	500	50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 18:01	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	8/9/24	8/9/24 18:01	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1122

Date Received: 8/8/2024

Field Sample #: WT01-CP-00-20240807 | Sampled: 8/7/2024 09:15

Sample ID: 24H1122-11

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/9/24	8/9/24 18:01	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	105	70-130		8/9/24 18:01
Toluene-d8	87.2	70-130		8/9/24 18:01
4-Bromofluorobenzene	87.9	70-130		8/9/24 18:01

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1122

Date Received: 8/8/2024

Field Sample #: TB-CP-QC-20240807 | Sampled: 8/7/2024 13:00

Sample ID: 24H1122-12

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1122

Date Received: 8/8/2024

Field Sample #: TB-CP-QC-20240807 | Sampled: 8/7/2024 13:00

Sample ID: 24H1122-12

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:13	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	98.8	70-130		8/12/24 11:13
Toluene-d8	99.9	70-130		8/12/24 11:13
4-Bromofluorobenzene	105	70-130		8/12/24 11:13

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1122

Date Received: 8/8/2024

Field Sample #: OBS1-CP-00-20240805 | Sampled: 8/5/2024 13:40

Sample ID: 24H1122-13

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	ND	50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1122

Date Received: 8/8/2024

Field Sample #: OBS1-CP-00-20240805 | Sampled: 8/5/2024 13:40

Sample ID: 24H1122-13

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
Tetrachloroethylene	2.8	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 11:39	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	98.3	70-130		8/12/24 11:39
Toluene-d8	98.5	70-130		8/12/24 11:39
4-Bromofluorobenzene	108	70-130		8/12/24 11:39

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1122

Date Received: 8/8/2024

Field Sample #: LF1-CP-00-20240805 | Sampled: 8/5/2024 11:40

Sample ID: 24H1122-14

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	330	50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1122

Date Received: 8/8/2024

Field Sample #: LF1-CP-00-20240805 | Sampled: 8/5/2024 11:40

Sample ID: 24H1122-14

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
Tetrachloroethylene	9.7	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
Trichloroethylene	1.3	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:04	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		8/12/24 12:04
Toluene-d8	99.0	70-130		8/12/24 12:04
4-Bromofluorobenzene	104	70-130		8/12/24 12:04

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1122

Date Received: 8/8/2024

Field Sample #: MW5B-CP-00-20240806 | Sampled: 8/6/2024 10:25

Sample ID: 24H1122-15

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	200	50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1122

Date Received: 8/8/2024

Field Sample #: MW5B-CP-00-20240806 | Sampled: 8/6/2024 10:25

Sample ID: 24H1122-15

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:29	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	98.4	70-130		8/12/24 12:29
Toluene-d8	97.8	70-130		8/12/24 12:29
4-Bromofluorobenzene	108	70-130		8/12/24 12:29

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1122

Date Received: 8/8/2024

Field Sample #: MW6B-CP-00-20240806 | Sampled: 8/6/2024 09:50

Sample ID: 24H1122-16

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	200	50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
Chlorobenzene	1.3	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1122

Date Received: 8/8/2024

Field Sample #: MW6B-CP-00-20240806 | Sampled: 8/6/2024 09:50

Sample ID: 24H1122-16

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 12:55	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	99.7	70-130		8/12/24 12:55
Toluene-d8	98.9	70-130		8/12/24 12:55
4-Bromofluorobenzene	105	70-130		8/12/24 12:55

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1122

Date Received: 8/8/2024

Field Sample #: MW6C-CP-00-20240806 | Sampled: 8/6/2024 09:55

Sample ID: 24H1122-17

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	ND	50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
Chlorobenzene	3.9	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1122

Date Received: 8/8/2024

Field Sample #: MW6C-CP-00-20240806 | Sampled: 8/6/2024 09:55

Sample ID: 24H1122-17

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:20	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	98.3	70-130		8/12/24 13:20
Toluene-d8	99.4	70-130		8/12/24 13:20
4-Bromofluorobenzene	106	70-130		8/12/24 13:20

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1122

Date Received: 8/8/2024

Field Sample #: MW6E-CP-00-20240806 | Sampled: 8/6/2024 10:05

Sample ID: 24H1122-18

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	ND	50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
Chlorobenzene	1.9	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1122

Date Received: 8/8/2024

Field Sample #: MW6E-CP-00-20240806 | Sampled: 8/6/2024 10:05

Sample ID: 24H1122-18

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 13:46	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	98.9	70-130		8/12/24 13:46
Toluene-d8	101	70-130		8/12/24 13:46
4-Bromofluorobenzene	107	70-130		8/12/24 13:46

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1122

Date Received: 8/8/2024

Field Sample #: MW6F-CP-00-20240806 | Sampled: 8/6/2024 10:10

Sample ID: 24H1122-19

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	180	50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1122

Date Received: 8/8/2024

Field Sample #: MW6F-CP-00-20240806 | Sampled: 8/6/2024 10:10

Sample ID: 24H1122-19

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:12	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	98.2	70-130		8/12/24 14:12
Toluene-d8	99.9	70-130		8/12/24 14:12
4-Bromofluorobenzene	105	70-130		8/12/24 14:12

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1122

Date Received: 8/8/2024

Field Sample #: MW8A-CP-00-20240806 | Sampled: 8/6/2024 09:30

Sample ID: 24H1122-20

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	53	50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1122

Date Received: 8/8/2024

Field Sample #: MW8A-CP-00-20240806 | Sampled: 8/6/2024 09:30

Sample ID: 24H1122-20

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
Tetrachloroethylene	1.6	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 14:37	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	100	70-130		8/12/24 14:37
Toluene-d8	99.1	70-130		8/12/24 14:37
4-Bromofluorobenzene	104	70-130		8/12/24 14:37

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1122

Date Received: 8/8/2024

Field Sample #: MW8B-CP-00-20240806 | Sampled: 8/6/2024 09:35

Sample ID: 24H1122-21

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	140	50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1122

Date Received: 8/8/2024

Field Sample #: MW8B-CP-00-20240806 | Sampled: 8/6/2024 09:35

Sample ID: 24H1122-21

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:03	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	98.9	70-130		8/12/24 15:03
Toluene-d8	99.8	70-130		8/12/24 15:03
4-Bromofluorobenzene	105	70-130		8/12/24 15:03

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1122

Date Received: 8/8/2024

Field Sample #: MW9B-CP-00-20240805 | Sampled: 8/5/2024 14:00

Sample ID: 24H1122-22

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	390	50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1122

Date Received: 8/8/2024

Field Sample #: MW9B-CP-00-20240805 | Sampled: 8/5/2024 14:00

Sample ID: 24H1122-22

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
Tetrachloroethylene	1.5	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:28	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	97.8	70-130		8/12/24 15:28
Toluene-d8	98.0	70-130		8/12/24 15:28
4-Bromofluorobenzene	106	70-130		8/12/24 15:28

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1122

Date Received: 8/8/2024

Field Sample #: MW9C-CP-00-20240805 | Sampled: 8/5/2024 14:05

Sample ID: 24H1122-23

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	220	50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH

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Project Location: Old Bethpage, New York | Sample Description: | Work Order: 24H1122

Date Received: 8/8/2024

Field Sample #: MW9C-CP-00-20240805 | Sampled: 8/5/2024 14:05

Sample ID: 24H1122-23

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
Tetrachloroethylene	1.2	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	8/12/24	8/12/24 15:54	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	98.2	70-130		8/12/24 15:54
Toluene-d8	98.7	70-130		8/12/24 15:54
4-Bromofluorobenzene	107	70-130		8/12/24 15:54

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Sample Extraction Data

Prep Method:SW-846 5035 **Analytical Method:SW-846 8260D**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
24H1122-01 [EW14D-CP-00-20240805]	B382470	5	5.00	08/09/24
24H1122-02 [M30BR-CP-00-20240806]	B382470	5	5.00	08/09/24
24H1122-03 [MW6D-CP-00-20240806]	B382470	5	5.00	08/09/24
24H1122-04 [MW6D-CP-01-20240806]	B382470	5	5.00	08/09/24
24H1122-05 [MW7BR-CP-00-20240806]	B382470	5	5.00	08/09/24
24H1122-06 [MW8C-CP-00-20240806]	B382470	5	5.00	08/09/24
24H1122-07 [MW10D-CP-00-20240806]	B382470	5	5.00	08/09/24
24H1122-08 [MW11A-CP-00-20240807]	B382470	5	5.00	08/09/24
24H1122-09 [MW11B-CP-00-20240807]	B382470	5	5.00	08/09/24
24H1122-10 [SW1-CP-00-20240805]	B382470	5	5.00	08/09/24
24H1122-11 [WT01-CP-00-20240807]	B382470	5	5.00	08/09/24

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
24H1122-12 [TB-CP-QC-20240807]	B382602	5	5.00	08/12/24
24H1122-13 [OBS1-CP-00-20240805]	B382602	5	5.00	08/12/24
24H1122-14 [LF1-CP-00-20240805]	B382602	5	5.00	08/12/24
24H1122-15 [MW5B-CP-00-20240806]	B382602	5	5.00	08/12/24
24H1122-16 [MW6B-CP-00-20240806]	B382602	5	5.00	08/12/24
24H1122-17 [MW6C-CP-00-20240806]	B382602	5	5.00	08/12/24
24H1122-18 [MW6E-CP-00-20240806]	B382602	5	5.00	08/12/24
24H1122-19 [MW6F-CP-00-20240806]	B382602	5	5.00	08/12/24
24H1122-20 [MW8A-CP-00-20240806]	B382602	5	5.00	08/12/24
24H1122-21 [MW8B-CP-00-20240806]	B382602	5	5.00	08/12/24
24H1122-22 [MW9B-CP-00-20240805]	B382602	5	5.00	08/12/24
24H1122-23 [MW9C-CP-00-20240805]	B382602	5	5.00	08/12/24

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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 B382470 - SW-846 5035										
Blank (B382470-BLK1)				Prepared & Analyzed: 08/09/24						
Acetone	ND	50	µg/L							
Benzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
Carbon Disulfide	ND	5.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							V-05
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
Cyclohexane	ND	5.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl Acetate	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methyl Cyclohexane	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							V-05
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							

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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 B382470 - SW-846 5035											
Blank (B382470-BLK1)				Prepared & Analyzed: 08/09/24							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L								
1,2,3-Trichloropropane	ND	2.0	µg/L								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L								
1,2,4-Trimethylbenzene	ND	1.0	µg/L								
1,3,5-Trimethylbenzene	ND	1.0	µg/L								
Vinyl Chloride	ND	2.0	µg/L								
m+p Xylene	ND	2.0	µg/L								
o-Xylene	ND	1.0	µg/L								
Xylenes (total)	ND	1.0	µg/L								
Surrogate: 1,2-Dichloroethane-d4	*25.8*		µg/L	25.0		103	70-130				
Surrogate: Toluene-d8	*21.1*		µg/L	25.0		84.2	70-130				
Surrogate: 4-Bromofluorobenzene	*22.8*		µg/L	25.0		91.2	70-130				
LCS (B382470-BS1)				Prepared & Analyzed: 08/09/24							
Acetone	93.3	50	µg/L	100		93.3	70-160				†
Benzene	10.1	1.0	µg/L	10.0		101	70-130				
Bromochloromethane	11.2	1.0	µg/L	10.0		112	70-130				
Bromodichloromethane	8.53	0.50	µg/L	10.0		85.3	70-130				
Bromoform	7.89	1.0	µg/L	10.0		78.9	70-130				
Bromomethane	7.65	2.0	µg/L	10.0		76.5	40-160				†
2-Butanone (MEK)	99.0	20	µg/L	100		99.0	40-160				†
n-Butylbenzene	9.58	1.0	µg/L	10.0		95.8	70-130				
sec-Butylbenzene	8.33	1.0	µg/L	10.0		83.3	70-130				
tert-Butylbenzene	8.08	1.0	µg/L	10.0		80.8	70-130				
Carbon Disulfide	101	5.0	µg/L	100		101	70-130				
Carbon Tetrachloride	7.51	5.0	µg/L	10.0		75.1	70-130			V-05	
Chlorobenzene	10.0	1.0	µg/L	10.0		100	70-130				
Chlorodibromomethane	7.93	0.50	µg/L	10.0		79.3	70-130				
Chloroethane	9.14	2.0	µg/L	10.0		91.4	70-130				
Chloroform	10.1	2.0	µg/L	10.0		101	70-130				
Chloromethane	18.7	2.0	µg/L	10.0		**187**	* 40-160			L-02, V-20	†
Cyclohexane	9.70	5.0	µg/L	10.0		97.0	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	8.66	5.0	µg/L	10.0		86.6	70-130				
1,2-Dibromoethane (EDB)	8.65	0.50	µg/L	10.0		86.5	70-130				
1,2-Dichlorobenzene	9.85	1.0	µg/L	10.0		98.5	70-130				
1,3-Dichlorobenzene	9.39	1.0	µg/L	10.0		93.9	70-130				
1,4-Dichlorobenzene	9.51	1.0	µg/L	10.0		95.1	70-130				
Dichlorodifluoromethane (Freon 12)	8.90	2.0	µg/L	10.0		89.0	40-160				†
1,1-Dichloroethane	9.87	1.0	µg/L	10.0		98.7	70-130				
1,2-Dichloroethane	10.1	1.0	µg/L	10.0		101	70-130				
1,1-Dichloroethylene	9.17	1.0	µg/L	10.0		91.7	70-130				
cis-1,2-Dichloroethylene	10.0	1.0	µg/L	10.0		100	70-130				
trans-1,2-Dichloroethylene	9.27	1.0	µg/L	10.0		92.7	70-130				
1,2-Dichloropropane	9.81	1.0	µg/L	10.0		98.1	70-130				
cis-1,3-Dichloropropene	8.43	0.50	µg/L	10.0		84.3	70-130				
trans-1,3-Dichloropropene	8.04	0.50	µg/L	10.0		80.4	70-130				
Ethylbenzene	9.30	1.0	µg/L	10.0		93.0	70-130				
2-Hexanone (MBK)	77.6	10	µg/L	100		77.6	70-160				†
Isopropylbenzene (Cumene)	8.80	1.0	µg/L	10.0		88.0	70-130				
p-Isopropyltoluene (p-Cymene)	9.01	1.0	µg/L	10.0		90.1	70-130				
Methyl Acetate	9.99	1.0	µg/L	10.0		99.9	70-130				
Methyl tert-Butyl Ether (MTBE)	8.72	1.0	µg/L	10.0		87.2	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B382470 - SW-846 5035											
LCS (B382470-BS1)				Prepared & Analyzed: 08/09/24							
Methyl Cyclohexane	10.2	1.0	µg/L	10.0		102	70-130				
Methylene Chloride	9.74	5.0	µg/L	10.0		97.4	70-130				
4-Methyl-2-pentanone (MIBK)	80.5	10	µg/L	100		80.5	70-160				†
Naphthalene	6.39	2.0	µg/L	10.0		63.9	40-130			V-05	†
n-Propylbenzene	9.16	1.0	µg/L	10.0		91.6	70-130				
Styrene	8.88	1.0	µg/L	10.0		88.8	70-130				
1,1,2,2-Tetrachloroethane	9.61	0.50	µg/L	10.0		96.1	70-130				
Tetrachloroethylene	9.45	1.0	µg/L	10.0		94.5	70-130				
Toluene	8.80	1.0	µg/L	10.0		88.0	70-130				
1,2,3-Trichlorobenzene	8.98	5.0	µg/L	10.0		89.8	70-130				
1,2,4-Trichlorobenzene	8.77	1.0	µg/L	10.0		87.7	70-130				
1,1,1-Trichloroethane	10.0	1.0	µg/L	10.0		100	70-130				
1,1,2-Trichloroethane	8.91	1.0	µg/L	10.0		89.1	70-130				
Trichloroethylene	9.71	1.0	µg/L	10.0		97.1	70-130				
Trichlorofluoromethane (Freon 11)	9.70	2.0	µg/L	10.0		97.0	70-130				
1,2,3-Trichloropropane	10.4	2.0	µg/L	10.0		104	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.26	1.0	µg/L	10.0		92.6	70-130				
1,2,4-Trimethylbenzene	8.73	1.0	µg/L	10.0		87.3	70-130				
1,3,5-Trimethylbenzene	9.21	1.0	µg/L	10.0		92.1	70-130				
Vinyl Chloride	8.52	2.0	µg/L	10.0		85.2	40-160				†
m+p Xylene	18.6	2.0	µg/L	20.0		93.2	70-130				
o-Xylene	8.99	1.0	µg/L	10.0		89.9	70-130				
Xylenes (total)	27.6	1.0	µg/L	30.0		92.1	0-200				
Surrogate: 1,2-Dichloroethane-d4	*26.4*		µg/L	25.0		106	70-130				
Surrogate: Toluene-d8	*22.4*		µg/L	25.0		89.6	70-130				
Surrogate: 4-Bromofluorobenzene	*24.5*		µg/L	25.0		98.2	70-130				
LCS Dup (B382470-BSD1)				Prepared & Analyzed: 08/09/24							
Acetone	97.7	50	µg/L	100		97.7	70-160	4.64	25		†
Benzene	10.4	1.0	µg/L	10.0		104	70-130	3.03	25		
Bromochloromethane	11.6	1.0	µg/L	10.0		116	70-130	3.41	25		
Bromodichloromethane	8.88	0.50	µg/L	10.0		88.8	70-130	4.02	25		
Bromoform	7.72	1.0	µg/L	10.0		77.2	70-130	2.18	25		
Bromomethane	8.09	2.0	µg/L	10.0		80.9	40-160	5.59	25		†
2-Butanone (MEK)	106	20	µg/L	100		106	40-160	6.71	25		†
n-Butylbenzene	9.22	1.0	µg/L	10.0		92.2	70-130	3.83	25		
sec-Butylbenzene	8.16	1.0	µg/L	10.0		81.6	70-130	2.06	25		
tert-Butylbenzene	8.00	1.0	µg/L	10.0		80.0	70-130	0.995	25		
Carbon Disulfide	101	5.0	µg/L	100		101	70-130	0.0494	25		
Carbon Tetrachloride	7.81	5.0	µg/L	10.0		78.1	70-130	3.92	25	V-05	
Chlorobenzene	9.66	1.0	µg/L	10.0		96.6	70-130	3.66	25		
Chlorodibromomethane	7.98	0.50	µg/L	10.0		79.8	70-130	0.629	25		
Chloroethane	8.92	2.0	µg/L	10.0		89.2	70-130	2.44	25		
Chloroform	10.1	2.0	µg/L	10.0		101	70-130	0.396	25		
Chloromethane	18.5	2.0	µg/L	10.0	**185**	*	40-160	1.18	25	L-02, V-20	†
Cyclohexane	9.40	5.0	µg/L	10.0		94.0	70-130	3.14	25		
1,2-Dibromo-3-chloropropane (DBCP)	9.08	5.0	µg/L	10.0		90.8	70-130	4.74	25		
1,2-Dibromoethane (EDB)	9.19	0.50	µg/L	10.0		91.9	70-130	6.05	25		
1,2-Dichlorobenzene	9.26	1.0	µg/L	10.0		92.6	70-130	6.17	25		
1,3-Dichlorobenzene	9.58	1.0	µg/L	10.0		95.8	70-130	2.00	25		
1,4-Dichlorobenzene	9.51	1.0	µg/L	10.0		95.1	70-130	0.00	25		
Dichlorodifluoromethane (Freon 12)	8.56	2.0	µg/L	10.0		85.6	40-160	3.89	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 B382470 - SW-846 5035											
LCS Dup (B382470-BSD1)				Prepared & Analyzed: 08/09/24							
1,1-Dichloroethane	9.84	1.0	µg/L	10.0		98.4	70-130	0.304	25		
1,2-Dichloroethane	10.4	1.0	µg/L	10.0		104	70-130	2.72	25		
1,1-Dichloroethylene	9.31	1.0	µg/L	10.0		93.1	70-130	1.52	25		
cis-1,2-Dichloroethylene	10.4	1.0	µg/L	10.0		104	70-130	4.11	25		
trans-1,2-Dichloroethylene	9.25	1.0	µg/L	10.0		92.5	70-130	0.216	25		
1,2-Dichloropropane	9.63	1.0	µg/L	10.0		96.3	70-130	1.85	25		
cis-1,3-Dichloropropene	8.54	0.50	µg/L	10.0		85.4	70-130	1.30	25		
trans-1,3-Dichloropropene	8.02	0.50	µg/L	10.0		80.2	70-130	0.249	25		
Ethylbenzene	9.20	1.0	µg/L	10.0		92.0	70-130	1.08	25		
2-Hexanone (MBK)	82.5	10	µg/L	100		82.5	70-160	6.18	25		†
Isopropylbenzene (Cumene)	8.53	1.0	µg/L	10.0		85.3	70-130	3.12	25		
p-Isopropyltoluene (p-Cymene)	8.39	1.0	µg/L	10.0		83.9	70-130	7.13	25		
Methyl Acetate	9.96	1.0	µg/L	10.0		99.6	70-130	0.301	25		
Methyl tert-Butyl Ether (MTBE)	9.16	1.0	µg/L	10.0		91.6	70-130	4.92	25		
Methyl Cyclohexane	9.86	1.0	µg/L	10.0		98.6	70-130	3.49	25		
Methylene Chloride	10.1	5.0	µg/L	10.0		101	70-130	3.43	25		
4-Methyl-2-pentanone (MIBK)	85.4	10	µg/L	100		85.4	70-160	5.93	25		†
Naphthalene	6.54	2.0	µg/L	10.0		65.4	40-130	2.32	25	V-05	†
n-Propylbenzene	9.02	1.0	µg/L	10.0		90.2	70-130	1.54	25		
Styrene	8.78	1.0	µg/L	10.0		87.8	70-130	1.13	25		
1,1,2,2-Tetrachloroethane	9.71	0.50	µg/L	10.0		97.1	70-130	1.04	25		
Tetrachloroethylene	8.91	1.0	µg/L	10.0		89.1	70-130	5.88	25		
Toluene	8.79	1.0	µg/L	10.0		87.9	70-130	0.114	25		
1,2,3-Trichlorobenzene	9.03	5.0	µg/L	10.0		90.3	70-130	0.555	25		
1,2,4-Trichlorobenzene	8.80	1.0	µg/L	10.0		88.0	70-130	0.341	25		
1,1,1-Trichloroethane	9.76	1.0	µg/L	10.0		97.6	70-130	2.43	25		
1,1,2-Trichloroethane	9.08	1.0	µg/L	10.0		90.8	70-130	1.89	25		
Trichloroethylene	9.83	1.0	µg/L	10.0		98.3	70-130	1.23	25		
Trichlorofluoromethane (Freon 11)	9.56	2.0	µg/L	10.0		95.6	70-130	1.45	25		
1,2,3-Trichloropropane	11.4	2.0	µg/L	10.0		114	70-130	10.0	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.04	1.0	µg/L	10.0		90.4	70-130	2.40	25		
1,2,4-Trimethylbenzene	8.44	1.0	µg/L	10.0		84.4	70-130	3.38	25		
1,3,5-Trimethylbenzene	8.93	1.0	µg/L	10.0		89.3	70-130	3.09	25		
Vinyl Chloride	8.33	2.0	µg/L	10.0		83.3	40-160	2.26	25		†
m+p Xylene	18.4	2.0	µg/L	20.0		91.8	70-130	1.51	25		
o-Xylene	8.59	1.0	µg/L	10.0		85.9	70-130	4.55	25		
Xylenes (total)	27.0	1.0	µg/L	30.0		89.8	0-200	2.49			
Surrogate: 1,2-Dichloroethane-d4	*26.4*		µg/L	25.0		106	70-130				
Surrogate: Toluene-d8	*22.7*		µg/L	25.0		90.7	70-130				
Surrogate: 4-Bromofluorobenzene	*23.8*		µg/L	25.0		95.4	70-130				
Batch B382602 - SW-846 5030B											
Blank (B382602-BLK1)				Prepared & Analyzed: 08/12/24							
Acetone	ND	50	µg/L								
Benzene	ND	1.0	µg/L								
Bromochloromethane	ND	1.0	µg/L								
Bromodichloromethane	ND	0.50	µg/L								
Bromoform	ND	1.0	µg/L								
Bromomethane	ND	2.0	µg/L								
2-Butanone (MEK)	ND	20	µg/L								
n-Butylbenzene	ND	1.0	µg/L								

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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 B382602 - SW-846 5030B										
Blank (B382602-BLK1)				Prepared & Analyzed: 08/12/24						
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
Carbon Disulfide	ND	5.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
Cyclohexane	ND	5.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl Acetate	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methyl Cyclohexane	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							
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							

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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 B382602 - SW-846 5030B												
Blank (B382602-BLK1)				Prepared & Analyzed: 08/12/24								
o-Xylene	ND	1.0	µg/L									
Xylenes (total)	ND	1.0	µg/L									
Surrogate: 1,2-Dichloroethane-d4	*24.4*		µg/L	25.0		97.4		70-130				
Surrogate: Toluene-d8	*24.5*		µg/L	25.0		98.2		70-130				
Surrogate: 4-Bromofluorobenzene	*26.9*		µg/L	25.0		107		70-130				
LCS (B382602-BS1)				Prepared & Analyzed: 08/12/24								
Acetone	93.2	50	µg/L	100		93.2		70-160				†
Benzene	9.46	1.0	µg/L	10.0		94.6		70-130				
Bromochloromethane	11.0	1.0	µg/L	10.0		110		70-130				
Bromodichloromethane	11.4	0.50	µg/L	10.0		114		70-130				
Bromoform	13.3	1.0	µg/L	10.0		**133**	*	70-130			L-02, V-20	
Bromomethane	9.16	2.0	µg/L	10.0		91.6		40-160				†
2-Butanone (MEK)	98.0	20	µg/L	100		98.0		40-160				†
n-Butylbenzene	9.31	1.0	µg/L	10.0		93.1		70-130				
sec-Butylbenzene	9.18	1.0	µg/L	10.0		91.8		70-130				
tert-Butylbenzene	9.82	1.0	µg/L	10.0		98.2		70-130				
Carbon Disulfide	123	5.0	µg/L	100		123		70-130				
Carbon Tetrachloride	11.4	5.0	µg/L	10.0		114		70-130				
Chlorobenzene	11.0	1.0	µg/L	10.0		110		70-130				
Chlorodibromomethane	12.0	0.50	µg/L	10.0		120		70-130				
Chloroethane	10.5	2.0	µg/L	10.0		105		70-130				
Chloroform	10.4	2.0	µg/L	10.0		104		70-130				
Chloromethane	11.7	2.0	µg/L	10.0		117		40-160				†
Cyclohexane	10.0	5.0	µg/L	10.0		100		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	9.28	5.0	µg/L	10.0		92.8		70-130				
1,2-Dibromoethane (EDB)	11.3	0.50	µg/L	10.0		113		70-130				
1,2-Dichlorobenzene	10.3	1.0	µg/L	10.0		103		70-130				
1,3-Dichlorobenzene	9.88	1.0	µg/L	10.0		98.8		70-130				
1,4-Dichlorobenzene	9.77	1.0	µg/L	10.0		97.7		70-130				
Dichlorodifluoromethane (Freon 12)	11.6	2.0	µg/L	10.0		116		40-160				†
1,1-Dichloroethane	9.89	1.0	µg/L	10.0		98.9		70-130				
1,2-Dichloroethane	9.81	1.0	µg/L	10.0		98.1		70-130				
1,1-Dichloroethylene	10.5	1.0	µg/L	10.0		105		70-130				
cis-1,2-Dichloroethylene	9.90	1.0	µg/L	10.0		99.0		70-130				
trans-1,2-Dichloroethylene	9.81	1.0	µg/L	10.0		98.1		70-130				
1,2-Dichloropropane	10.5	1.0	µg/L	10.0		105		70-130				
cis-1,3-Dichloropropene	11.0	0.50	µg/L	10.0		110		70-130				
trans-1,3-Dichloropropene	11.3	0.50	µg/L	10.0		113		70-130				
Ethylbenzene	10.6	1.0	µg/L	10.0		106		70-130				
2-Hexanone (MBK)	109	10	µg/L	100		109		70-160				†
Isopropylbenzene (Cumene)	10.6	1.0	µg/L	10.0		106		70-130				
p-Isopropyltoluene (p-Cymene)	9.85	1.0	µg/L	10.0		98.5		70-130				
Methyl Acetate	9.77	1.0	µg/L	10.0		97.7		70-130				
Methyl tert-Butyl Ether (MTBE)	9.68	1.0	µg/L	10.0		96.8		70-130				
Methyl Cyclohexane	9.71	1.0	µg/L	10.0		97.1		70-130				
Methylene Chloride	11.5	5.0	µg/L	10.0		115		70-130				
4-Methyl-2-pentanone (MIBK)	114	10	µg/L	100		114		70-160				†
Naphthalene	9.35	2.0	µg/L	10.0		93.5		40-130				†
n-Propylbenzene	10.6	1.0	µg/L	10.0		106		70-130				
Styrene	10.8	1.0	µg/L	10.0		108		70-130				
1,1,2,2-Tetrachloroethane	10.7	0.50	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 B382602 - SW-846 5030B												
LCS (B382602-BS1)				Prepared & Analyzed: 08/12/24								
Tetrachloroethylene	11.4	1.0	µg/L	10.0		114		70-130				
Toluene	10.2	1.0	µg/L	10.0		102		70-130				
1,2,3-Trichlorobenzene	9.97	5.0	µg/L	10.0		99.7		70-130				
1,2,4-Trichlorobenzene	10.2	1.0	µg/L	10.0		102		70-130				
1,1,1-Trichloroethane	10.6	1.0	µg/L	10.0		106		70-130				
1,1,2-Trichloroethane	10.8	1.0	µg/L	10.0		108		70-130				
Trichloroethylene	10.9	1.0	µg/L	10.0		109		70-130				
Trichlorofluoromethane (Freon 11)	11.4	2.0	µg/L	10.0		114		70-130				
1,2,3-Trichloropropane	10.6	2.0	µg/L	10.0		106		70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4	1.0	µg/L	10.0		104		70-130				
1,2,4-Trimethylbenzene	9.56	1.0	µg/L	10.0		95.6		70-130				
1,3,5-Trimethylbenzene	10.6	1.0	µg/L	10.0		106		70-130				
Vinyl Chloride	10.7	2.0	µg/L	10.0		107		40-160				†
m+p Xylene	21.6	2.0	µg/L	20.0		108		70-130				
o-Xylene	10.9	1.0	µg/L	10.0		109		70-130				
Xylenes (total)	32.5	1.0	µg/L	30.0		108		0-200				
Surrogate: 1,2-Dichloroethane-d4	*23.6*		µg/L	25.0		94.6		70-130				
Surrogate: Toluene-d8	*24.3*		µg/L	25.0		97.4		70-130				
Surrogate: 4-Bromofluorobenzene	*27.0*		µg/L	25.0		108		70-130				
LCS Dup (B382602-BSD1)				Prepared & Analyzed: 08/12/24								
Acetone	93.9	50	µg/L	100		93.9		70-160	0.845	25		†
Benzene	9.48	1.0	µg/L	10.0		94.8		70-130	0.211	25		
Bromochloromethane	11.1	1.0	µg/L	10.0		111		70-130	0.996	25		
Bromodichloromethane	11.3	0.50	µg/L	10.0		113		70-130	1.23	25		
Bromoform	13.2	1.0	µg/L	10.0		**132**	*	70-130	1.13	25	L-02, V-20	
Bromomethane	8.82	2.0	µg/L	10.0		88.2		40-160	3.78	25		†
2-Butanone (MEK)	100	20	µg/L	100		100		40-160	2.12	25		†
n-Butylbenzene	9.24	1.0	µg/L	10.0		92.4		70-130	0.755	25		
sec-Butylbenzene	9.29	1.0	µg/L	10.0		92.9		70-130	1.19	25		
tert-Butylbenzene	9.96	1.0	µg/L	10.0		99.6		70-130	1.42	25		
Carbon Disulfide	130	5.0	µg/L	100		130		70-130	5.50	25		
Carbon Tetrachloride	11.7	5.0	µg/L	10.0		117		70-130	2.34	25		
Chlorobenzene	11.3	1.0	µg/L	10.0		113		70-130	2.60	25		
Chlorodibromomethane	12.3	0.50	µg/L	10.0		123		70-130	2.64	25		
Chloroethane	10.4	2.0	µg/L	10.0		104		70-130	0.768	25		
Chloroform	10.4	2.0	µg/L	10.0		104		70-130	0.385	25		
Chloromethane	11.6	2.0	µg/L	10.0		116		40-160	0.688	25		†
Cyclohexane	10.2	5.0	µg/L	10.0		102		70-130	1.88	25		
1,2-Dibromo-3-chloropropane (DBCP)	9.53	5.0	µg/L	10.0		95.3		70-130	2.66	25		
1,2-Dibromoethane (EDB)	11.2	0.50	µg/L	10.0		112		70-130	1.16	25		
1,2-Dichlorobenzene	10.3	1.0	µg/L	10.0		103		70-130	0.291	25		
1,3-Dichlorobenzene	10.0	1.0	µg/L	10.0		100		70-130	1.21	25		
1,4-Dichlorobenzene	10.0	1.0	µg/L	10.0		100		70-130	2.33	25		
Dichlorodifluoromethane (Freon 12)	11.6	2.0	µg/L	10.0		116		40-160	0.346	25		†
1,1-Dichloroethane	10.2	1.0	µg/L	10.0		102		70-130	2.79	25		
1,2-Dichloroethane	9.91	1.0	µg/L	10.0		99.1		70-130	1.01	25		
1,1-Dichloroethylene	11.0	1.0	µg/L	10.0		110		70-130	4.55	25		
cis-1,2-Dichloroethylene	9.93	1.0	µg/L	10.0		99.3		70-130	0.303	25		
trans-1,2-Dichloroethylene	9.71	1.0	µg/L	10.0		97.1		70-130	1.02	25		
1,2-Dichloropropane	10.4	1.0	µg/L	10.0		104		70-130	0.383	25		
cis-1,3-Dichloropropene	11.1	0.50	µg/L	10.0		111		70-130	1.63	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 B382602 - SW-846 5030B										
LCS Dup (B382602-BSD1)				Prepared & Analyzed: 08/12/24						
trans-1,3-Dichloropropene	11.2	0.50	µg/L	10.0		112	70-130	0.0889	25	
Ethylbenzene	10.6	1.0	µg/L	10.0		106	70-130	0.188	25	
2-Hexanone (MBK)	111	10	µg/L	100		111	70-160	1.65	25	†
Isopropylbenzene (Cumene)	10.7	1.0	µg/L	10.0		107	70-130	1.41	25	
p-Isopropyltoluene (p-Cymene)	9.82	1.0	µg/L	10.0		98.2	70-130	0.305	25	
Methyl Acetate	9.73	1.0	µg/L	10.0		97.3	70-130	0.410	25	
Methyl tert-Butyl Ether (MTBE)	9.38	1.0	µg/L	10.0		93.8	70-130	3.15	25	
Methyl Cyclohexane	9.95	1.0	µg/L	10.0		99.5	70-130	2.44	25	
Methylene Chloride	10.9	5.0	µg/L	10.0		109	70-130	4.73	25	
4-Methyl-2-pentanone (MIBK)	116	10	µg/L	100		116	70-160	1.21	25	†
Naphthalene	9.39	2.0	µg/L	10.0		93.9	40-130	0.427	25	†
n-Propylbenzene	10.8	1.0	µg/L	10.0		108	70-130	2.34	25	
Styrene	10.9	1.0	µg/L	10.0		109	70-130	1.29	25	
1,1,2,2-Tetrachloroethane	11.0	0.50	µg/L	10.0		110	70-130	2.21	25	
Tetrachloroethylene	11.9	1.0	µg/L	10.0		119	70-130	3.95	25	
Toluene	10.4	1.0	µg/L	10.0		104	70-130	1.94	25	
1,2,3-Trichlorobenzene	10.0	5.0	µg/L	10.0		100	70-130	0.300	25	
1,2,4-Trichlorobenzene	10.3	1.0	µg/L	10.0		103	70-130	0.488	25	
1,1,1-Trichloroethane	10.8	1.0	µg/L	10.0		108	70-130	2.43	25	
1,1,2-Trichloroethane	11.0	1.0	µg/L	10.0		110	70-130	1.29	25	
Trichloroethylene	11.1	1.0	µg/L	10.0		111	70-130	1.73	25	
Trichlorofluoromethane (Freon 11)	11.7	2.0	µg/L	10.0		117	70-130	2.33	25	
1,2,3-Trichloropropane	10.8	2.0	µg/L	10.0		108	70-130	1.77	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5	1.0	µg/L	10.0		105	70-130	0.383	25	
1,2,4-Trimethylbenzene	9.41	1.0	µg/L	10.0		94.1	70-130	1.58	25	
1,3,5-Trimethylbenzene	11.0	1.0	µg/L	10.0		110	70-130	4.26	25	
Vinyl Chloride	10.8	2.0	µg/L	10.0		108	40-160	1.21	25	†
m+p Xylene	21.8	2.0	µg/L	20.0		109	70-130	0.968	25	
o-Xylene	11.0	1.0	µg/L	10.0		110	70-130	1.09	25	
Xylenes (total)	32.8	1.0	µg/L	30.0		110	0-200	1.01		
Surrogate: 1,2-Dichloroethane-d4	*23.5*		µg/L	25.0		94.0	70-130			
Surrogate: Toluene-d8	*24.9*		µg/L	25.0		99.7	70-130			
Surrogate: 4-Bromofluorobenzene	*27.1*		µg/L	25.0		108	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.
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
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
Benzene	CT,ME,NH,VA,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
n-Butylbenzene	ME,VA,NY
sec-Butylbenzene	ME,VA,NY
tert-Butylbenzene	ME,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
Cyclohexane	ME,NY
1,2-Dibromo-3-chloropropane (DBCP)	ME,NY
1,2-Dibromoethane (EDB)	ME,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
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
cis-1,3-Dichloropropene	CT,ME,NH,VA,NY
trans-1,3-Dichloropropene	CT,ME,NH,VA,NY
Ethylbenzene	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
1,1,2,2-Tetrachloroethane	CT,ME,NH,VA,NY
Tetrachloroethylene	CT,ME,NH,VA,NY
Toluene	CT,ME,NH,VA,NY

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Water	
1,2,3-Trichlorobenzene	ME,NH,VA,NY
1,2,4-Trichlorobenzene	CT,ME,NH,VA,NY
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
Xylenes (total)	ME,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	04/1/2025
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2025
ME	State of Maine	MA00100	06/9/2025
VA	Commonwealth of Virginia	460217	12/14/2024

Chain of Custody / Analysis Report

RAMBOLL

Sampler(s): Liam Blake (Signature)

24/11122

Laboratory Use Only

Project Number:

Job Number:

Laboratory ID:

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 Q3 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

Analysis Required

Preservatives: (see key at bottom)

| Sample Identification | | |

Chain of Custody / Analysis Report

RAMBOLL

Sampler(s): Liam Blake
(Signature)

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

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 Q3 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

	Sample Identification										Analysis Required																							
	Unique Field Sample ID (sys_sample_code)	Sample Location	Date	Time	Sample Type (See Key)	Sample Matrix (See Key)	Number of Containers	Grab [G] or Composite [C]	Field Filtered? (Y / N)	DER TCL VOCs by SW-36/8260	Preservatives: (see key at bottom) 1																							
1	MW5B-CP-00-20240806	MW-5B	8/6/2024	10:25	N	WG	3	G	N	X																								
2	MW6B-CP-00-20240806	MW-6B	8/6/2024	9:50	N	WG	3	G	N	X																								
3	MW6C-CP-00-20240806	MW-6C	8/6/2024	9:55	N	WG	3	G	N	X																								
4	MW6E-CP-00-20240806	MW-6E	8/6/2024	10:05	N	WG	3	G	N	X																								
5	MW6F-CP-00-20240806	MW-6F	8/6/2024	10:10	N	WG	3	G	N	X																								
6	MW8A-CP-00-20240806	MW-8A	8/6/2024	9:30	N	WG	3	G	N	X																								
7	MW8B-CP-00-20240806	MW-8B	8/6/2024	9:35	N	WG	3	G	N	X																								
8	MW9B-CP-00-20240805	MW-9B	8/5/2024	14:00	N	WG	3	G	N	X																								
9	MW9C-CP-00-20240805	MW-9C	8/5/2024	14:05	N	WG	3	G	N	X																								
10																																		
11																																		
12																																		
13																																		
14																																		

Special Instructions:

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

Relinquished by: Liam Blake	*Date:* 8/7/24	*Courier Name:* MSMA(AAL)	*Date:* 8/7 1800
Of: Ramboll	*Time:* 13:20	*Tracking #:*	*Time:*
Relinquished by: RBRACH	*Date:* 8/7/24	*Courier Name:*	*Date:*
Of:	*Time:* 18:00	*Tracking #:*	*Time:*
Courier Name: FedEx MSMA(AAL)	*Date:* 8/7	*Received By:* RBRACH	*Date:* 8/7/24
Tracking #:	*Time:* 2045	*Of:*	*Time:* 13:20

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

W 3.4

WW 3450 810 8/8/24

Anthony Green AUG 07 2024 2350 PACE 8/8/24 0600

Anthony Green PACE 8/8/24 0345

PACE 8/8/24 08:40

Confidential

Table of Contents

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

Log In Back-Sheet

Client Rumsell

Project Claremont polychemical

MCP/RCP Required MA

Deliverable Package Requirement MA

Location Old Bethpage, New York

PWSID# (When Applicable) MA

Arrival Method:

Courier ☑ Fed Ex ☐ Walk In ☐ Other ☐

Received By / Date / Time ER 8/8/24 5/0

Back-Sheet By / Date / Time [illegible] 8/8/24 1047

Temperature Method Gun #6

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

Temp ☑ <6° C Actual Temperature 3.4/5.0

Rush Samples: Yes / (No) Notify ____

Short Hold: Yes / (No) Notify ____

Notes regarding Samples/COC outside of SOP:

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

	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	☑	☐

COC Included: (Check all included)

Client	☑	Analysis	☑	Sampler Name	☐
Project	☑	IDs	☑	Collection Date/Time	☑

All Samples Proper pH: (N/A) ☐ ☐

Additional Container Notes

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

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

21-23

Sample			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
16oz Amb/Clear	Soils Jars	(Circle Amb/Clear)																				
8oz Amb/Clear																						
4oz Amb/Clear																						
2oz Amb/Clear																						
Unpreserved	Ambers	1 Liter																				
HCL																						
Sulfuric																						
Sulfuric		250mL																				
Phosphoric																						
HCl																						
Unpreserved		100mL																				
Unpreserved	Plastics	1 Liter																				
Sulfuric																						
Unpreserved		500mL																				
Sulfuric																						
Unpreserved		250mL																				
Trizma																						
Sulfuric																						
Nitric																						
NaOH																						
Ammonium Acetate																						
NaOH/Zinc																						
Unpreserved	VOA Vials																					
HCl			1		3								1	2	3							1
MeOH																						
D.I. Water																						
BiSulfate																						
Col/Bact	Other / Fill in																					

ATTACHMENT D
FIELD DOCUMENTATION

Low Flow Groundwater Sampling Log

Well ID: MW-CPC-36
Northing:
Easting:

Site Name:	Claremont Poly	Sampling Method:	Submersible Pump	Field Personnel:	RLB, LFB
Site Location:	Old Bethpage, NY	Equipment Used:	GeoPump Bladder	Date:	7/31/2024
Project #:	1940101703	Pump/Controller ID#:	GEO Pump 7021	Weather:	90, Sun

Well information:

Installed Depth of Well*:	255.7	ft. bmp.
Measured Depth of Well*:	255.7	ft. bmp.
Depth to Water*:	19.47	ft. bmp.
Water Column Length (LWC):	236.23	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: 38.5 gallons
Pump Intake Depth*: 251.0 ft. bmp.

Start Purge Time: 13:40

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	19.47	16.4	7.53	0.637	148.7	5.36	45.01	200	
5	19.47	16.8	7.82	0.644	81.5	1.36	9.84	200	
10	19.47	17.1	7.87	0.646	26.0	0.66	25.20	200	
15	19.47	16.7	7.94	0.645	-70.6	0.45	4.36	200	
20	19.47	17.2	7.97	0.645	-116.7	0.36	6.32	200	
25	19.47	17	7.91	0.645	-159.6	0.22	7.81	200	
30	19.47	17	7.42	0.626	-151.8	0.24	5.32	200	
35	19.47	17	7.29	0.620	-143.6	0.25	6.87	200	
40	19.47	17	7.23	0.612	-135.2	0.27	6.99	200	
45	19.47	17	7.21	0.609	-133.7	0.24	5.13	200	
50	19.47	17	7.22	0.602	-132.3	0.24	5.81	200	
55	19.47	17	7.22	0.600	-131.8	0.24	6.07	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: 16:35
DO Titrataion: NA mg/L
Total volume of groundwater purged: 4.5 gal.

Final: *Color* Clear *Odor* None *Sheen/Free Product* None

Analytical Sample ID: MW-CPC-36-21-251-20240731 **Date:** 7/31/2024 **Time:** 16:40

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:

RAMBOLL

Low Flow Groundwater Sampling Log

Well ID: MW-CPC-37
Northing:
Easting:

Site Name:	Claremont Poly	Sampling Method:	Submersible Pump	Field Personnel:	RLB, LFB
Site Location:	Old Bethpage, NY	Equipment Used:	GeoPump Bladder	Date:	7/31/2024
Project #:	1940101703	p/Controller/Intake ID#:	GEO Pump 7021	Weather:	Sun, 90

Well information:

Installed Depth of Well*:	450	ft. bmp.
Measured Depth of Well*:	450	ft. bmp.
Depth to Water*:	25.28	ft. bmp.
Water Column Length (LWC):	424.72	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: 69.2 gallons
Pump Intake Depth*: 445.0 ft. bmp.

Start Purge Time: 13:25
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	25.28	15.6	6.00	0.280	183.5	2.05	58.21	200	
5	25.32	14.9	6.11	0.380	182.9	2.56	36.47	200	
10	25.32	14.7	6.17	0.334	174.6	2.13	46.24	200	
15	25.32	14.5	4.43	0.400	202.6	1.99	39.27	200	
20	25.32	14.4	4.03	0.414	223.7	1.71	29.81	200	
25	25.32	14.3	3.99	0.417	228.1	1.46	22.70	200	
30	25.32	14.2	3.95	0.419	233.2	1.10	12.70	200	
35	25.32	14.1	3.93	0.410	236.1	0.95	6.07	200	
40	25.32	14.1	3.91	0.421	239.2	0.77	1.48	200	
45	25.32	14	3.89	0.422	241.0	0.70	1.35	200	
50	25.32	14	3.88	0.423	242.1	0.62	1.45	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: 14:15
DO Titrataion: NA mg/L
Total volume of groundwater purged: 4 gal.

Final: *Color* Clear *Odor* None *Sheen/Free Product* None

Analytical Sample ID: MW-CPC-37-21-445-20240731-0 **Date:** 7/31/2024 **Time:** 14:15

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:	RLB, LFB
Site Location:	Old Bethpage, NY	Equipment Used:	GeoPump Bladder	Date:	8/1/2024
Project #:	1940101703	Pump/Controller ID#:	GEO Pump 7021	Weather:	90, Sun

Well information:

Installed Depth of Well*:	395	ft. bmp.	
Measured Depth of Well*:	395	ft. bmp.	
Depth to Water*:	25.4	ft. bmp.	
Water Column Length (LWC):	369.60	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: 60.2 gallons
	8 in. = 2.611 gal/ft	Pump Intake Depth*: 391.0 ft. bmp.

Start Purge Time: 7:30

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	25.4	16.2	10.33	0.226	129.7	1.37	22.10	200	
5	25.4	15.9	10.76	0.282	126.6	0.94	21.20	200	
10	25.4	15.6	10.75	0.286	125.5	0.79	17.80	200	
15	25.4	16.2	10.72	0.281	124.9	0.81	15.70	200	
20	25.4	16.2	10.62	0.282	121.9	0.80	12.60	200	
25	25.4	15.4	10.73	0.278	122.6	0.62	9.86	200	
30	25.4	14.4	10.74	0.276	121.4	0.52	8.02	200	
35	25.4	14.4	10.74	0.275	120.1	0.45	8.15	200	
40	25.4	14.4	10.75	0.276	118.8	0.41	7.31	200	
45	25.4	14.5	10.75	0.275	117.9	0.40	7.62	200	
50	25.4	14.5	10.75	0.275	116.8	0.39	7.18	200	
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: 8:20 DO Titrataion: NA mg/L

Total volume of groundwater purged: 3.5 gal.

Final: *Color* Clear *Odor* None *Sheen/Free Product* None

Analytical Sample ID: MW-CPC-38-21-391-20240801 **Date:** 8/1/2024 **Time:** 8:30

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-39
Northing:
Easting:

Site Name:	Claremont Poly	Sampling Method:	Submersible Pump	Field Personnel:	RLB, LFB
Site Location:	Old Bethpage, NY	Equipment Used:	GeoPump Bladder	Date:	7/31/2024
Project #:	1940101703	Pump/Controller ID#:	GEO Pump 7021	Weather:	85, Sun

Well information:

Installed Depth of Well*:	390	ft. bmp.	
Measured Depth of Well*:	390	ft. bmp.	
Depth to Water*:	22.25	ft. bmp.	
Water Column Length (LWC):	367.75	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:	59.9 gallons
	8 in. = 2.611 gal/ft	Pump Intake Depth*:	374.0 ft. bmp.

Start Purge Time: 8:20

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	22.25	17.9	5.73	0.053	110.1	3.51	54.80	250	
5	22.71	17.5	5.43	0.041	103.8	2.24	14.90	250	
10	22.75	17.9	5.39	0.040	77.8	1.51	12.20	250	
15	22.8	18	5.36	0.037	60.4	1.25	10.90	250	
20	22.8	18	5.34	0.037	50.8	0.96	9.27	250	
25	22.8	18	5.33	0.036	51.2	0.95	8.32	250	
30	22.8	18	5.32	0.036	53.7	0.93	7.86	250	
35	22.8	18.1	5.31	0.036	57.5	0.92	6.71	250	
40	22.8	18.1	5.33	0.036	50.4	0.87	5.72	250	
45	22.8	18.1	5.35	0.036	46.7	0.72	6.32	250	
50	22.8	18.1	5.36	0.036	44.8	0.64	5.81	250	
55	22.8	18.1	5.37	0.036	41.6	0.59	6.78	250	
60	22.8	18.1	5.37	0.036	40.2	0.56	7.24	250	
65	22.8	18.1	5.37	0.036	40.1	0.57	7.07	250	
70									
75									
80									
85									
90									
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	200 ≤ X ≤ 500	

End Purge Time: 9:25 DO Titrataion: NA mg/L

Total volume of groundwater purged: 5 gal.

Final: *Color* Clear *Odor* None *Sheen/Free Product* None

Analytical Sample ID: MW-CPC-39-21-374-20240731 **Date:** 7/31/2024 **Time:** 9:35

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:	RLB, LFB
Site Location:	Old Bethpage, NY	Equipment Used:	GeoPump Bladder	Date:	7/31/2024
Project #:	1940101703	Pump/Controller ID#:	GEO Pump 7021	Weather:	Sun, 90

Well information:

Installed Depth of Well*:	317	ft. bmp.
Measured Depth of Well*:	317	ft. bmp.
Depth to Water*:	54.55	ft. bmp.
Water Column Length (LWC):	262.45	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: 42.8 gallons
Pump Intake Depth*: 312.0 ft. bmp.

Start Purge Time: 10:55
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	54.55	20.1	5.70	0.111	130.2	3.44	58.60	200	
5	54.55	16.9	5.67	0.113	124.6	1.08	15.60	200	
10	54.55	17	5.63	0.113	118.5	0.75	11.70	200	
15	54.55	16.6	4.70	0.113	141.6	1.27	9.89	200	
20	54.55	16.7	4.54	0.114	158.7	1.48	7.81	200	
25	54.55	16.5	4.50	0.114	167.4	1.56	8.30	200	
30	54.55	16.5	4.48	0.114	172.7	1.60	8.72	200	
35	54.55	16.8	4.48	0.114	175.1	1.64	7.62	200	
40	54.55	16.8	4.45	0.114	182.7	1.65	8.13	200	
45	54.55	16.7	4.44	0.114	184.6	1.66	7.39	200	
50	54.55	16.8	4.43	0.114	186.2	1.66	7.91	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: 11:45
DO Titrataion: NA mg/L
Total volume of groundwater purged: 4.5 gal.

Final: *Color* Clear *Odor* None *Sheen/Free Product* None

Analytical Sample ID: MW-CPC-40-21-312-20240731-0/1 **Date:** 7/31/2024 **Time:** 11:55

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:	RLB, LFB
Site Location:	Old Bethpage, NY	Equipment Used:	GeoPump Bladder	Date:	8/1/2024
Project #:	1940101703	Pump/Controller ID#:	GEO Pump 7021	Weather:	90, Sun

Well information:

Installed Depth of Well*:	263	ft. bmp.
Measured Depth of Well*:	263	ft. bmp.
Depth to Water*:	17.7	ft. bmp.
Water Column Length (LWC):	245.30	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: 40.0 gallons
Pump Intake Depth*: 258.0 ft. bmp.

Start Purge Time: 9:40

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	17.7	17.3	6.95	0.176	106.5	1.42	23.80	200	
5	17.7	16.1	5.32	0.179	101.9	0.80	12.40	200	
10	17.7	15.9	3.85	0.257	190.9	0.76	9.81	200	
15	17.7	15.8	3.67	0.273	219.4	0.70	8.42	200	
20	17.7	15.7	3.64	0.277	226.5	0.68	8.38	200	
25	17.7	15.6	3.62	0.280	231.5	0.67	7.45	200	
30	17.7	15.6	3.62	0.286	235.4	0.68	7.20	200	
35	17.7	15.6	3.62	0.293	238.9	0.71	7.13	200	
40	17.7	15.4	3.63	0.293	240.6	0.72	6.91	200	
45	17.7	15.3	3.63	0.294	241.2	0.71	6.97	200	
Stabilization	Δ ≤ 0.3'	± 3%	± 0.1	± 3%	± 10 mV	± 10%	± 10%	200 ≤ X ≤ 500	

End Purge Time: 10:25
DO Titrataion: NA mg/L
Total volume of groundwater purged: 4.5 gal.

Final: *Color* Clear *Odor* None *Sheen/Free Product* None

Analytical Sample ID: MW-CPC-41-21-258-20240801 **Date:** 8/1/2024 **Time:** 10:35

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: Q3 Low Flow Sampling

Weather (temp/precip): 80's sunny, some showers

Date: 07.30.2024

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.

Rebecca Britt

Field Team Leader Name and Signature

0800

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: Q3 Low Flow Sampling

Weather (temp/precip): 80's sunny, some showers

Date: 07.31.2024

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
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- [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

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Rebecca Britt

Field Team Leader Name and Signature

0800

Time

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  - 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™

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- Jason Natural Quit Bugging Me
- Jason Natural Sun Block
- Kiss My Face
- L'Oréal Silky Sheer Face Lotion 50+
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- Meijer Wet Skin Kids Sunscreen Continuous Spray Broad Spectrum SPF 70
- Neutrogena Beach Defense Water + Sun Barrier Lotion SPF 70
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- Waterproof field notebooks.
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- Decon 90®.

RAMBOLL

ENVIRONMENT
& HEALTH

PFAS Pre-Sampling Checklist

Site Name: Claremont Polychemical

Task: Q3 Low Flow Sampling

Weather (temp/precip): 80's sunny, some showers

Date: 08.01.2024

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
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Rebecca Britt

Field Team Leader Name and Signature

0800

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  - Resists Spills™ and Releases Stains™
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  - RUCO-COAT®
  - RUCO-GUARD®
  - RUCO-PROTECT®
  - RUCOSTAR®
  - NK Guard S series
  - Oleophobol CP®
  - Repel Teflon® fabric protector
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  - RUCOTEC®
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- 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
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- 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.
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