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QUARTERLY OPERATIONS AND MAINTENANCE REPORT FOURTH QUARTER 2024

STANTON CLEANERS AREA SUPERFUND SITE

110 Cutter Mill Road
Great Neck, New York

NYDEC Site No. 130072

Prepared For:

New York State Department of Environmental Conservation
625 Broadway
Albany, NY 12233
Contract #D009808

Prepared By:

HRP Associates, Inc.
1 Fairchild Square, Suite 110
Clifton Park, NY 12065

HRP#: DEC1003.OM

Issued On: January 30, 2025



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GENERAL INFORMATION

Project/Site Information:

Stanton Cleaners Area Superfund Site
110 Cutter Mill Road
Great Neck, NY 11021

Consultant Information:

HRP Associates, Inc.
1 Fairchild Square, Suite 110
Clifton Park, NY 12065
Phone: 518-877-7101
Fax: 518-877-8561
E-mail: derek.roy@hrpassociates.com
Project Number: DEC1003.OM

Client Information:

New York State Department of
Environmental Conservation
625 Broadway
Albany, NY 12233

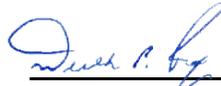
Report Date: January 30, 2025

Report Author:



A. Sasha Isenberg
Senior Project Consultant

Project Manager:



Derek Roy, PG
Project Manager

1.0 INTRODUCTION

HRP Associates, Inc. (HRP) has been contracted by the New York State Department of Environmental Conservation (NYSDEC) for site management tasks under Standby Engineering Contract D009808. Under this contract, on-going site management was assigned to HRP for the former Stanton Cleaners Site, NYSDEC Site No. 130072, located at 110 Cutter Mill Road in Great Neck, New York (herein referred to as the "Site"). The Site location is depicted on **Figure 1**. The Site is currently listed on the New York State Registry of Inactive Hazardous Waste Sites as a Class 4 site. This designation is for properly closed sites but requires continued management until remedial objectives are achieved. The U.S. Environmental Protection Agency (EPA) oversaw the operations and maintenance (O&M) and site management from 2001 to 2012. NYSDEC assumed responsibility for site management in 2012. The on-going site management was assigned to HRP in April 2020. This work assignment (WA) includes the following tasks:

- Task 1 – Preliminary Activities
- Task 2 – Site Management Plan
- Task 3 – System O&M
- Task 4 – Monitoring and Reporting
- Task 5 – Periodic Review and Report
- Task 6 – Site Remedial Systems Optimization

This quarterly O&M Report summarizes the O&M and monitoring activities completed during the fourth quarter of 2024 (October through December 2024). This report provides a description of the work performed throughout the reporting period, a discussion of the data obtained, and documents the relevant performance monitoring.

2.0 SITE BACKGROUND

2.1 Site Location and Current Use

Stanton Cleaners is a former dry-cleaning facility located at 110 Cutter Mill Road in Great Neck, Nassau County, New York (The Site location is shown on **Figure 1**). A dry cleaner had operated at the Site since the 1950s. The property had several different owners in subsequent years and the business may have had several names, most recently Stanton Cleaners. Between about 1958 and 1983, waste liquids from the onsite dry-cleaning processes were discharged, spilled, or leaked onto the ground behind the facility (U.S. Department of Health, 2004). The Site is located approximately 1,000 feet north of an active public water supply well field, owned and operated by the Water Authority of Great Neck North (WAGNN). The Site is approximately 0.25 acres and includes a two-story building in which the dry-cleaning business operated, an adjacent one-story boiler/storage building, and a building that houses the current remediation system. Site features are depicted on **Figure 2**. The Site is bordered to the west by Cutter Mill Road, to the north and east by a former indoor tennis court, and to the south by a gasoline station. Adjacent areas that have been affected by the contamination include, but are not limited to, the former neighboring Plaza Tennis Center,

the Century Condominium Complex, the North Shore Sephardic Synagogue, and the Long Island Hebrew Academy (LIHA).

2.2 Remedial History

In June of 1983, the Nassau County Department of Health (NCDH) inspected the Stanton Cleaners facility. According to NCDH files, the inspection revealed a pipe protruding from the rear side of the building. It was noted that the pipe was connected to the dry-cleaning fluid/water separator that discharged onto the ground in the rear yard sloping away from the building. To determine the impacts of the separator discharge, soil samples were collected by NCDH in the rear of the building. The results of the analysis indicated the soil was contaminated with tetrachloroethene (PCE) at concentrations up to 8,000 parts per million (ppm). Groundwater sampling conducted in January 1998 by a contractor for the NYSDEC detected PCE; 1,2-dichloroethene (DCE); and trichloroethene (TCE) contamination at, and downgradient of Stanton Cleaners.

On June 8, 1998, the NYSDEC requested that the EPA perform a Comprehensive Environmental Response, Compensation, and Liabilities Act (CERCLA) authorized emergency response action at the Site to address contaminated groundwater impacting the nearby public water supply. The Stanton Cleaners Site was added to the National Priorities List (NPL) on May 17, 1999.

A remediation system was subsequently installed at the Site, which includes groundwater extraction and treatment (GWE&T), soil vapor extraction (SVE), and air sparging. Three extraction wells are associated with the GWE&T system and are equipped with submersible pumps. The extracted groundwater is treated through a 2,000-pound liquid phase granular activated carbon (GAC) vessel prior to discharge to the storm sewer. The SVE system consists of six extraction wells connected to a blower and knockout tank. The extracted vapor is treated through a 3,000-pound vapor phase GAC vessel prior to discharge to the atmosphere. An air sparge system was installed using a compressor to provide sparge air to the screened interval in two wells. Use of the air sparge system was discontinued in December 2014. Per NYSDEC approval, the GWE&T system was shut down in February 2022, as the concentrations of volatile organic compounds (VOCs) in the influent samples were consistently below their Technical and Operational Guidance Series (TOGS) values.

In January 2024, as approved by the NYSDEC, the groundwater sampling frequency was changed from semi-annually to every fifteen months, starting from the July 2023 groundwater sampling event.

2.3 Site Cleanup Objectives

On-going remedial actions are being implemented to restore the impacted media (soil, soil vapor, and groundwater) to pre-disposal conditions. The closure criterion will ultimately be determined by the NYSDEC based on the future monitoring data. The standards, criteria, and guidance (SCGs) currently used for the various media being sampled at the Site are summarized below.

- Soil – NYSDEC Environmental Conservation Law (ECL) 6 New York Code of Rules and Regulations (NYCRR) Part 375-6: Remedial Program Soil Cleanup Objectives (SCOs).
- Groundwater – NYSDEC TOGS 1.1.1. Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations.

- Soil Vapor – New York State Department of Health (NYSDOH) Final Guidance for Evaluating Soil Vapor Intrusion (SVI) in the State of New York.

3.0 OPERATIONS AND MAINTENANCE PROGRAM

The O&M program for the Stanton Cleaners Area Superfund Site includes the following:

- Monthly inspections of the SVE system (SVE operations discontinued in November 2024).
- Monthly inspections of the GWE&T system (operations discontinued in March 2022).
- Quarterly sampling of SVE system influent and effluent (operations discontinued in November 2024).
- System discharge point to city sewer sampled and analyzed for compliance with state pollution discharge elimination system (SPDES) Equivalency Parameters (discontinued in December 2021; the GWE&T system has been shut down since March 2022).

HRP assumed O&M and sampling responsibilities for the Site in January 2021. Notes related to system issues are included in **Section 5.0** of this report. HRP performs the monthly, quarterly, and annual sampling activities at the Site as well as monitoring the day-to-day active remediation system. HRP prepares daily reports during each visit to the Site that summarize Site activities for that day. The daily reports are included in **Appendix A**.

3.1 Groundwater Extraction and Treatment System Operations and Maintenance

The GWE&T was shut down following the February 2022 O&M event, as approved by the NYSDEC, and is expected to remain off until further notice. The locations of the extraction wells are depicted on **Figure 2**.

3.1.1 GWE&T System Annual SPDES Sampling

Annual SPDES sampling of the GWE&T system was not completed during this quarter, and no further sampling of the effluent is planned since the GWE&T system has been shut down.

3.2 Soil Vapor Extraction System Operations and Maintenance

Air monitoring of the SVE system is performed on a monthly basis. Monitoring includes the field analysis of the following parameters: VOCs, carbon monoxide, oxygen, lower explosive limit, hydrogen sulfide, air velocity (cubic feet per minute (cfm)), temperature, relative humidity, dew point, and vacuum pressure. Originally, the following locations were monitored: SVE-Influent, Post-Blower-Pre-Carbon, EPA-SVE-1 (shallow), EPA-SVE-1 (medium), EPA-SVE-2 (shallow), EPA-SVE-2 (medium), SS-A, SVE-3A, SVE-3B, SVE-1 Combined, SVE-2 Combined, hSVE-1, hSVE-2, and background.

Following system optimization performed in May to June 2022 and the installation of a variable frequency drive (VFD) in November 2022, the monthly SVE operations and monitoring was reduced to the following locations:

- SVE-Influent (pre-treatment)
- Post-Blower (pre-treatment)
- SVE-2 Combined
- SS-3A
- hSVE-1
- hSVE-2
- Background

Monitoring of the SVE system was performed on October 23, 2024 and November 20, 2024. Monitoring logs for these events are included in **Appendix B**.

Photoionization detector (PID) readings were collected at each influent leg of the SVE system during the October and November visits. The PID readings at hSVE-1 were 0.0 ppm; hSVE-2 ranged between 0.0 to 26.1 ppm; PID readings at SVE-3A were not able to be collected due to moisture buildup in the piping. The readings are recorded on each of the monthly monitoring logs.

The PID readings at the SVE system effluent during each monthly visit were recorded at 0.0 ppm, as recorded on the monthly monitoring logs.

The VelociCalc® meter recorded a flow rate of approximately 18.02 cfm at the SVE influent in October and 96.04 cfm in November 2024.

Due to asymptotic recovery, the SVE system was shut down on November 20, 2024, and will remain off until further notice. Influent and effluent sampling was not performed during the fourth quarter of 2024.

4.0 MONITORING PROGRAM

The monitoring program for the Stanton Cleaners Area Superfund Site includes the following:

- Quarterly O&M reports.
- Monthly gauging of sixteen monitoring wells for water level (discontinued in April 2023; **Section 4.1**).
- Groundwater sampling of the well network (conducted every fifteen months, starting July 2023) for analysis of VOCs via EPA Method 624.1, per and polyfluoroalkyl substances (PFAS) via Method 1633, and 1,4-dioxane via method 8270.
- Annual SVI sampling at the LIHA (January).

- Monitoring of the WAGNN supply well (discontinued following shutdown of the GWE&T system).

4.1 Plume Perimeter Monitoring

Monthly gauging was discontinued following the April 2023 O&M event since the gauging activities were conducted to monitor the inactive GWE&T system.

The locations and number of wells monitored were previously determined by the EPA based on the 2014 *Final Capture Zone Analysis Report*. **Figure 3** depicts the network of monitoring wells.

4.2 Groundwater Monitoring Well Repairs

No well repairs were conducted during the fourth quarter of 2024.

4.3 Groundwater Sampling

In January 2024, as approved by the NYSDEC, the groundwater sampling frequency was changed from semi-annually to every fifteen months, starting from the July 2023 groundwater sampling event. The October 2024 sampling marked the first event conducted under the new schedule.

Groundwater sampling was conducted on October 23, 2024. The sampling was conducted using passive diffusion bags (PDBs) as previously approved for use by the NYSDEC and is the second event using PDBs. Following the July 2023 groundwater sampling, PDBs were replaced in each well and allowed to equilibrate until the October 2024 sampling event. **Table 1** summarizes the groundwater monitoring schedule. **Tables 2** and **3** summarize the October 2024 groundwater analytical results. The laboratory analytical data reports are included in **Appendix C**, and the groundwater sampling logs are provided in **Appendix D**.

During the October 2024 groundwater sampling event, the groundwater samples were analyzed for the presence of VOCs, including 1,4-dioxane, and per- and polyfluoroalkyl substances (PFAS). Concentrations of PCE were detected above the Class GA Criteria in the groundwater samples collected from four monitoring wells, EPA-MW-21R, STA-MW-18, STA-MW-19, and STA-MW-20, at concentrations of sixteen micrograms per liter (16 µg/L), 12 µg/L, 96 µg/L, and 6 µg/L, respectively. EPA-MW-21R is located on the southwestern portion of the Site, ST-MW-19 is located south of the Site across Bayview Avenue, and ST-MW-18 and ST-MW-20 are located along Ascot Ridge to the southwest of the Site. PCE was also detected in STA-MW-12 and STA-MW-14 at concentrations below the regulatory standard of 5 µg/L.

Additional VOCs, including 1,1-dichloroethene, bromodichloromethane, dibromochloromethane, and 1,4-dioxane were detected below the regulatory standard in groundwater samples collected from the monitoring wells STA-MW-12 and STA-MW-14.

Concentrations of PFAS were detected in groundwater samples collected from all monitoring wells. Perfluorooctanoic acid (PFOA) was detected in groundwater samples collected from all monitoring wells at concentrations exceeding the regulatory standard. Perfluorooctane sulfonate (PFOS) was detected in fifteen of the seventeen wells and exceeded the applicable criteria in all sampled wells,

except STA-MW-13 (PFOS not detected) and STA-MW-15 (PFOS detected below standards). Other PFAS detected below the applicable standards included perfluorobutanoic acid (PFBA), perfluorobutane sulfonic acid (PFBS), perfluoroheptanoic acid (PFHpA), perfluoroheptanesulfonic acid (PFHpS), perfluorohexanoic acid (PFHxA), perfluorohexane sulfonate (PFHxS), perfluorononanoic acid (PFNA), perfluoropentanoic acid (PFPeA), and perfluoropentane sulfonic acid (PFPeS).

4.4 Indoor Air Quality Sampling

Annual indoor air sampling at the LIHA was not conducted during the fourth quarter of 2024. The next annual indoor air sampling is scheduled for January 2025.

4.5 Water Authority of Great Neck North Public Supply Well Monitoring

Monitoring of the WAGNN public supply well was not conducted and has been discontinued until further notice.

4.6 Fire Safety Inspection Tasks

Monthly fire inspections and emergency lighting testing were completed during the October and November Site inspections. All fire safety items are addressed, inspection forms are maintained at the site, and copies are included in **Appendix E**.

5.0 MAINTENANCE ISSUES AND RECOMMENDED SOLUTIONS

Several O&M issues were identified when HRP assumed O&M responsibilities in January 2021. The following lists items that HRP has worked on during the reporting period or is working to address in 2024:

- Based on discussions with NYSDEC and NYSDOH, the GWE&T system was shut down in the first quarter of 2022; therefore, no repairs will be performed to address issues previously identified with the GWE&T system.
- Fire safety inspections are performed monthly. The fire extinguishers annual inspection was completed on May 29, 2024.
- As noted in Section, the SVE system was shut down and no further maintenance is planned for the SVE system.
- There was no other maintenance issues identified during the reporting period.

Maintenance issues and recommended solutions are part of ongoing O&M of the remediation systems in 2024.

6.0 FUTURE ACTIVITIES

Future maintenance and monitoring activities at the Site includes the following:

- The SVE system was shut down in November 2024. Therefore, SVE sampling will not be conducted until further notice.
- Continuance of monthly fire inspections.
- The next groundwater sampling is scheduled to be completed in January 2026.

7.0 PROGRESS TOWARD CLEANUP OBJECTIVES

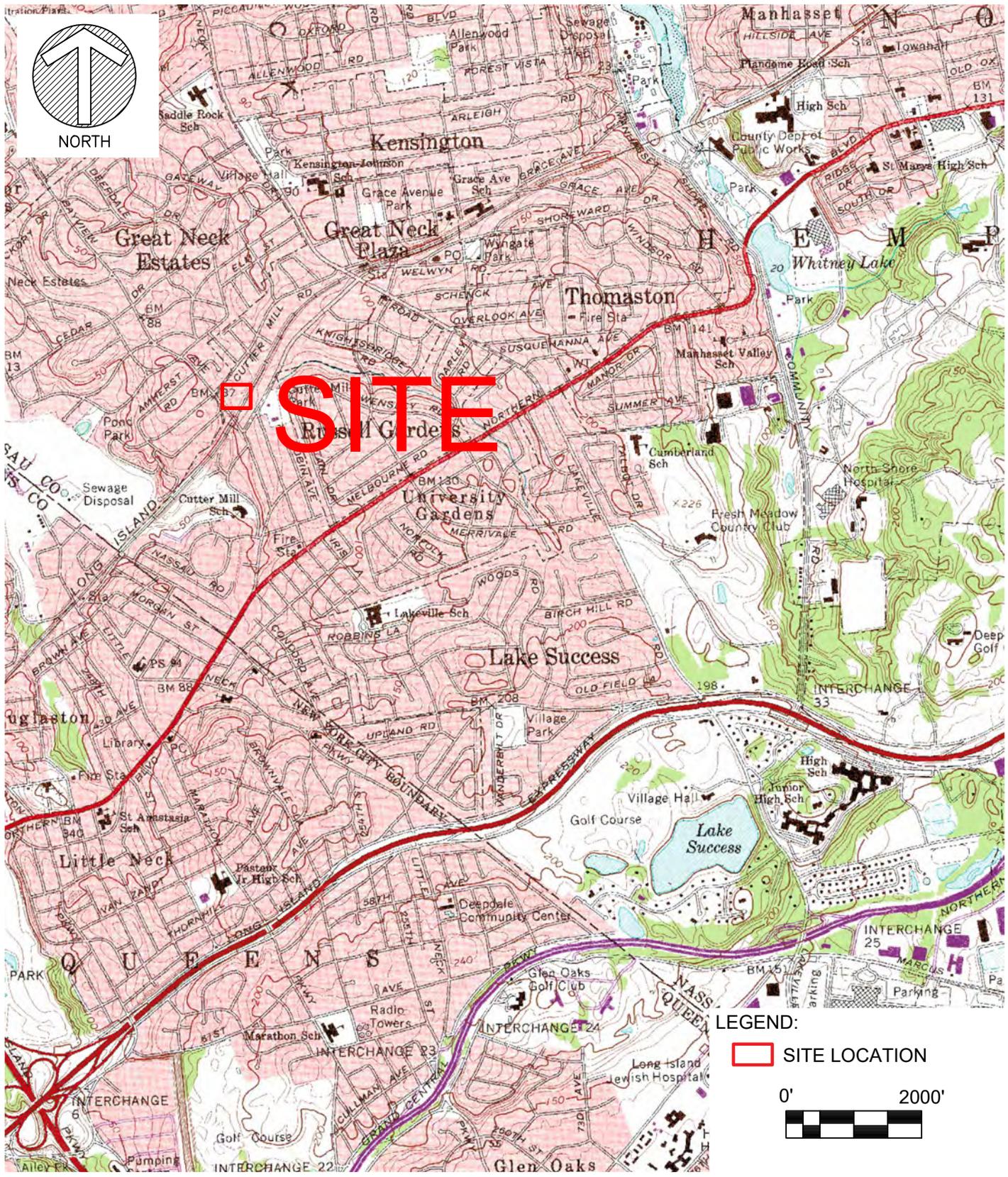
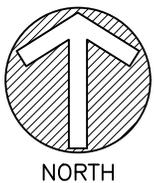
During this quarter, system sampling was not performed to evaluate mass recovery as it was determined in September 2024 that the system has reached asymptotic recovery, and the system slated for shut down. The total cost of system O&M during this quarter was \$16,779 (Tasks 3 through 6 of the WA).

Quarterly Cost Summary					
Period	Quarterly O&M Cost	VOC Mass Removed by SVE (lb)	VOC Mass Removed by GWE&T (lb)	Total VOC Mass Removed (lb)	Cost per Pound of VOC Removal
10/1/2024 through 12/31/2024	\$16,779	NA	NA	NA	NA

Based on the laboratory data from SVE system influent and the PID readings at the SVE system during each monthly visit, the SVE system continues to recover VOC mass from the subsurface, and the system will be continued to be evaluated for optimization actions through the third quarter of 2024 to maximize mass recovery.



FIGURES



SITE LOCATION MAP

STANTON CLEANERS
110 CUTTER MILL ROAD
GREAT NECK, NEW YORK 11021

SCALE: 1" = 2000'
05/13/2020
ISSUE DATE:
DEC1003.OM
PROJECT NUMBER:

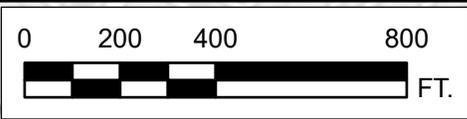
FIGURE
1



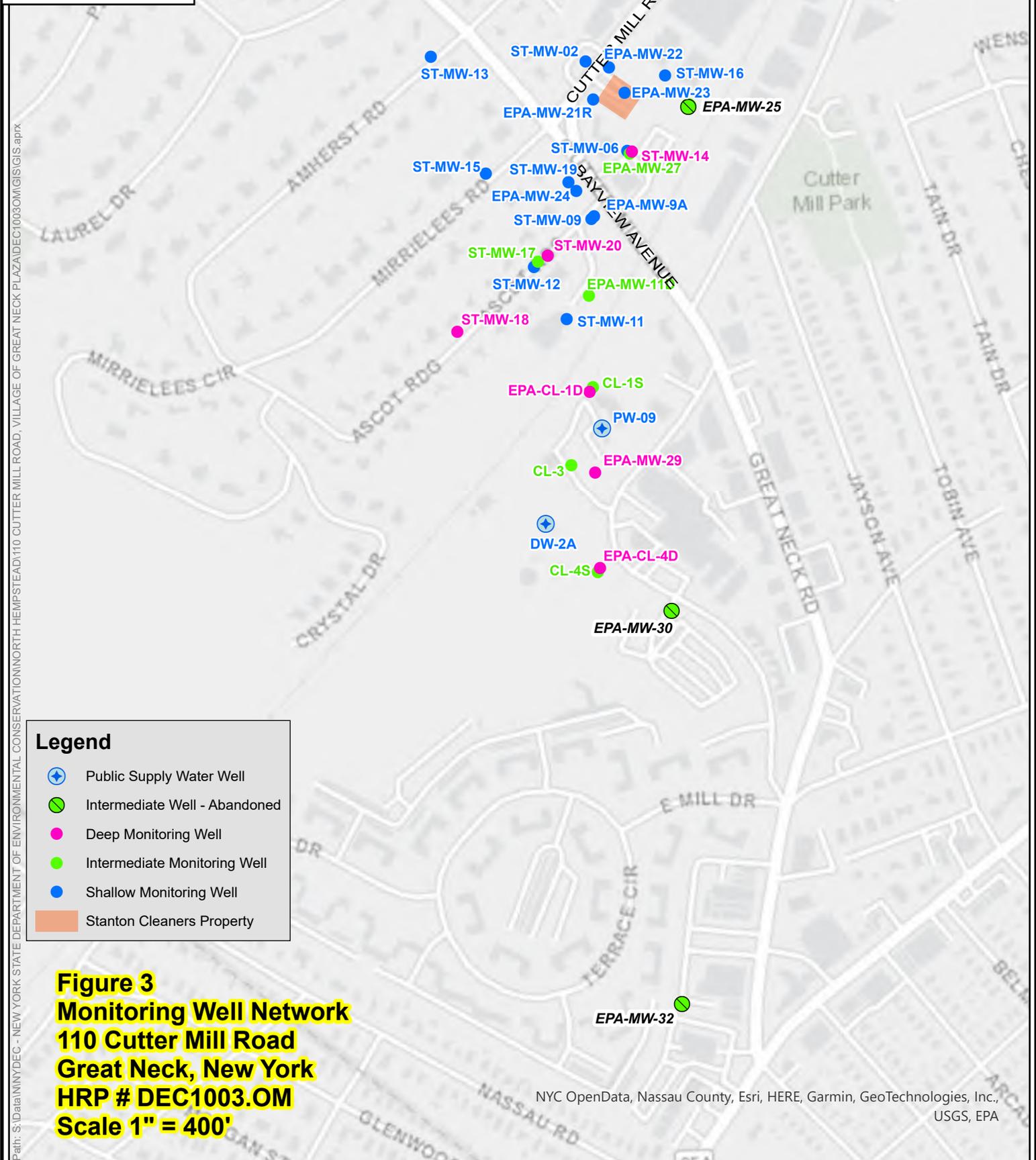


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197 SCOTT SWAMP ROAD
FARMINGTON, CT 06032
(860) 674-9570
HRPASSOCIATES.COM



Path: S:\Data\NYDEC - NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION\NORTH HEMPSTEAD\110 CUTTER MILL ROAD, VILLAGE OF GREAT NECK PLAZA\DEC1003OM\GIS\GIS.aprx

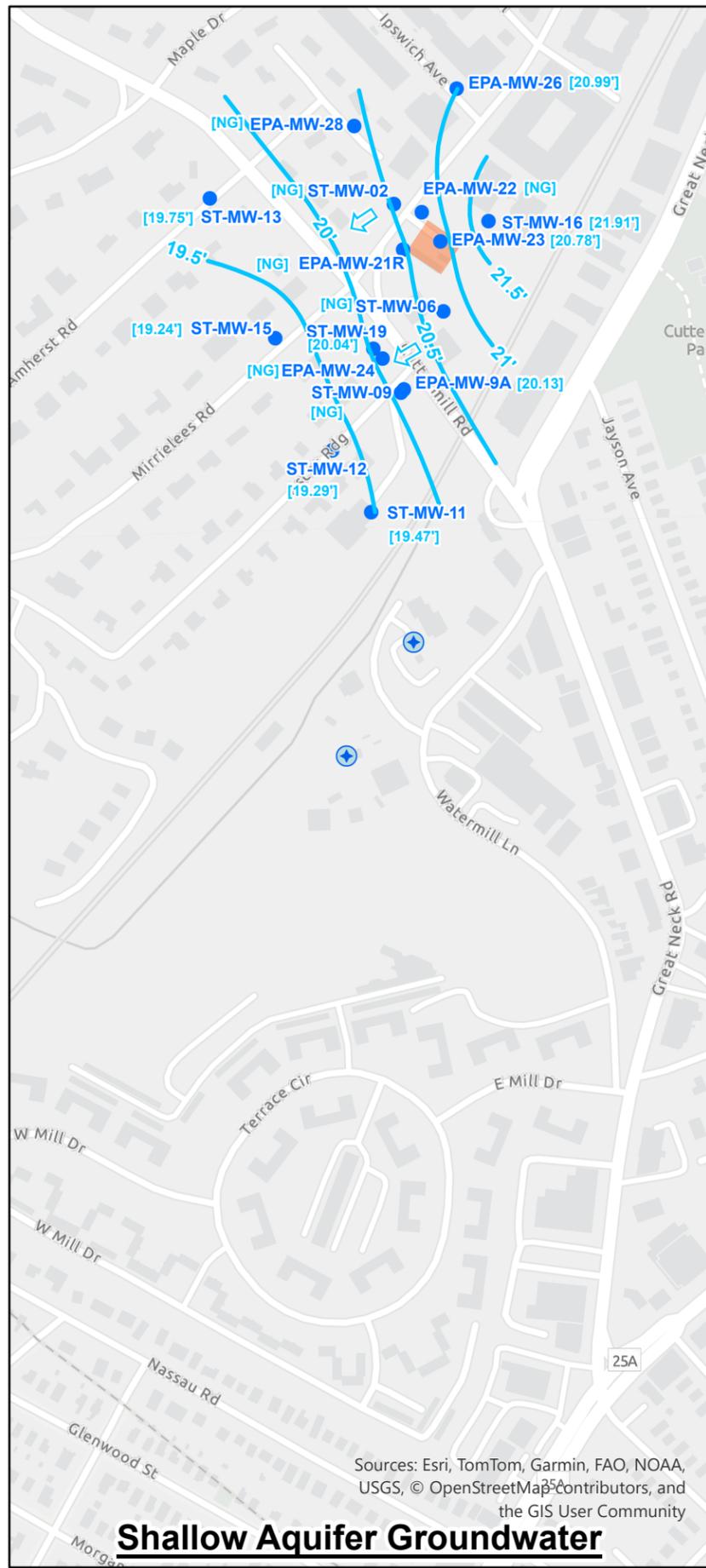


Legend

- Public Supply Water Well
- Intermediate Well - Abandoned
- Deep Monitoring Well
- Intermediate Monitoring Well
- Shallow Monitoring Well
- Stanton Cleaners Property

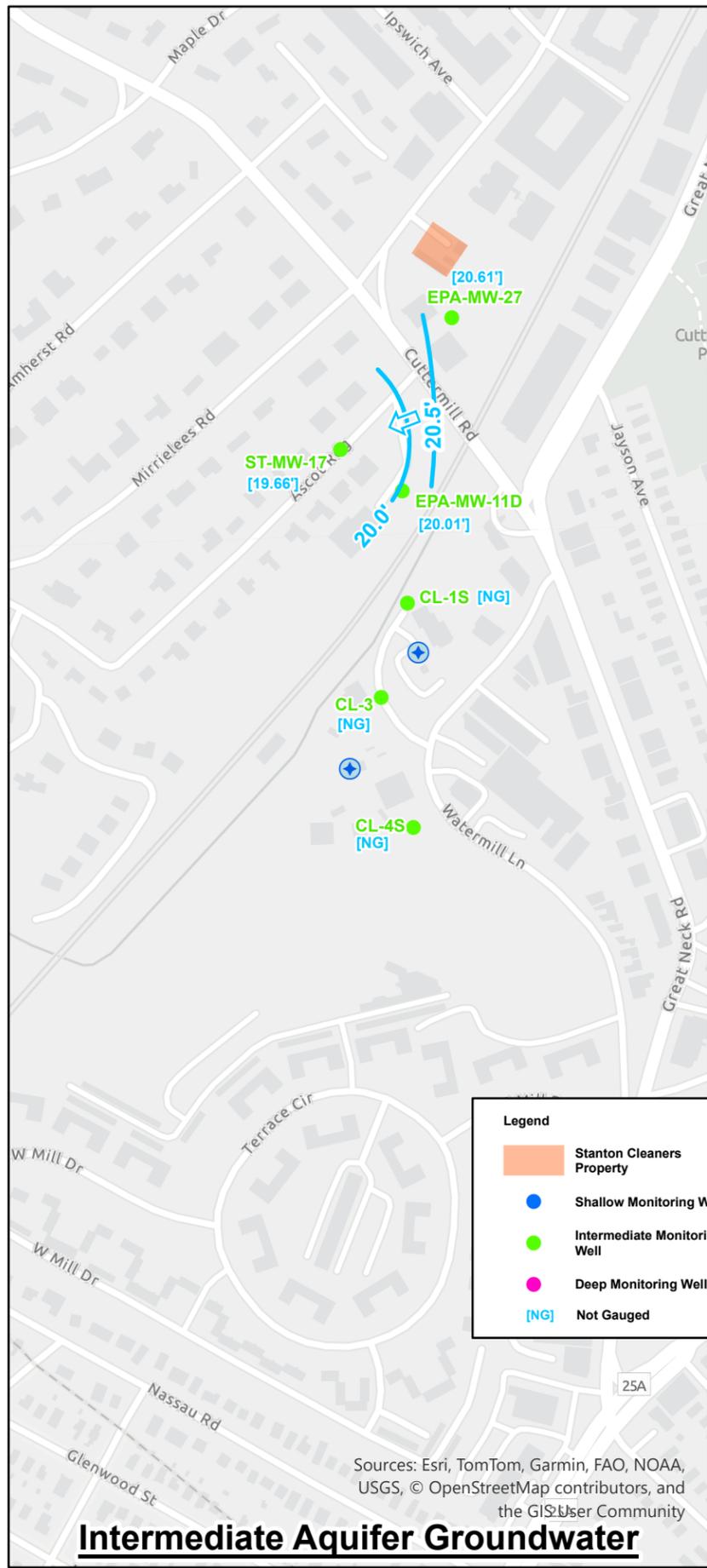
Figure 3
Monitoring Well Network
110 Cutter Mill Road
Great Neck, New York
HRP # DEC1003.OM
Scale 1" = 400'

Path: S:\Data\NINYDEC - NYSDEC\NORTH HEMPSTEAD\110 CUTTER MILL ROAD, VILLAGE OF GREAT NECK PLAZA\DEC1003\OM\GIS\October 2024 Groundwater\Figure 4.aprx



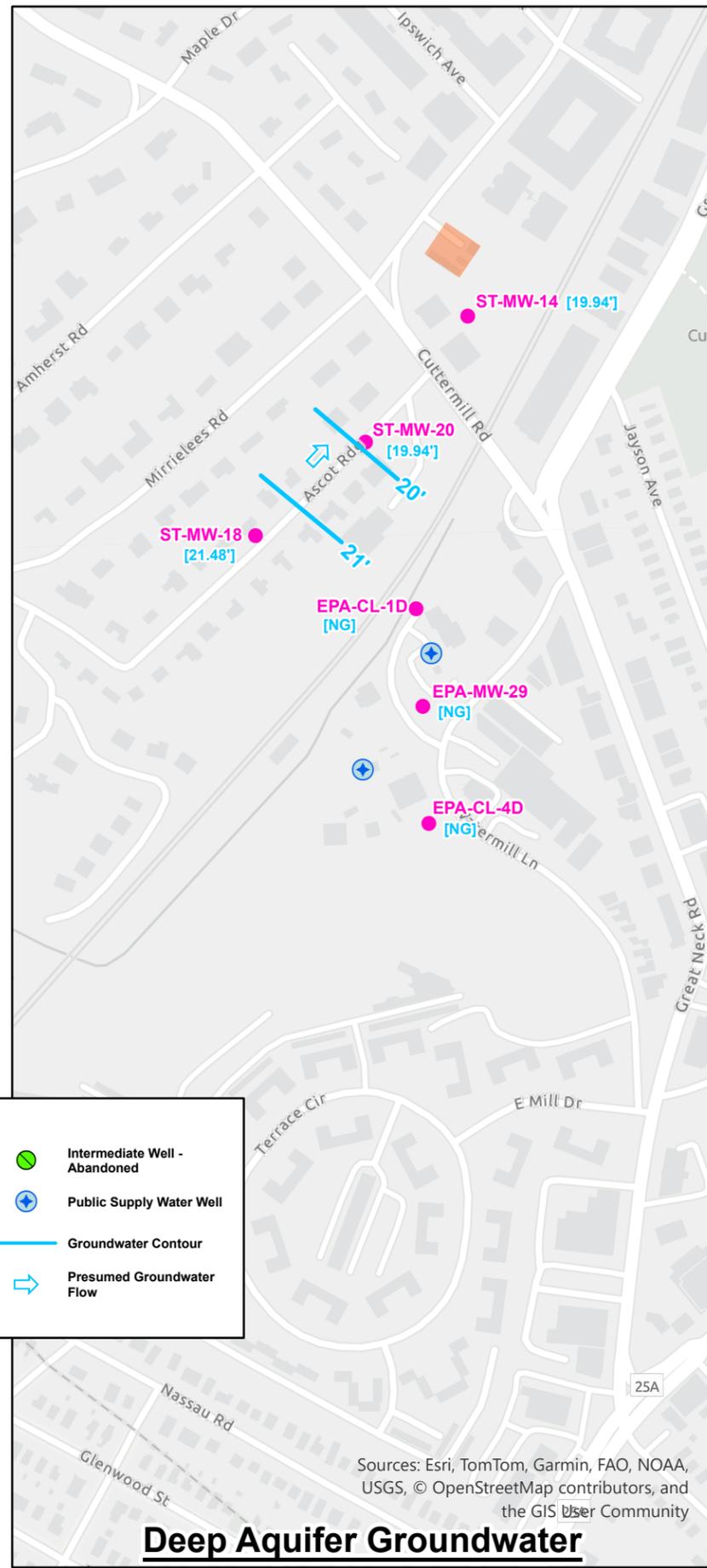
Shallow Aquifer Groundwater

Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community



Intermediate Aquifer Groundwater

Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community



Deep Aquifer Groundwater

Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

Legend

- Stanton Cleaners Property
- Shallow Monitoring Well
- Intermediate Monitoring Well
- Deep Monitoring Well
- [NG] Not Gauged
- Intermediate Well - Abandoned
- ⊕ Public Supply Water Well
- Groundwater Contour
- ➡ Presumed Groundwater Flow

197 SCOTT SWAMP ROAD
FARMINGTON, CT 06032
(860) 674-9570
HRPASSOCIATES.COM

North

Revisions	No.	Date

Designed By:	ASi
Drawn By:	BOB
Reviewed By:	DR

Issue Date:	01/22/2025
Project No:	DEC1003.OM
Sheet Size:	11x17

October 2024 Groundwater Map
Stanton Cleaners
110 Cutter Mill Road
Village of Great Neck
New York

Figure No. 4

TABLES

Table 1
Well Monitoring Schedule
Stanton Cleaners Area Superfund Site
110 Cutter Mill Road, Great Neck, NY

Well ID	Groundwater Gauging (15 month cycle)	Groundwater Sampling (15 month cycle)
EPA-MW-9A	X	X
EPA-MW-11D	X	X
EPA-MW-21R	X	X
EPA-MW-23	X	X
EPA-MW-26	X	X
EPA-MW-27	X	X
ST-MW-11	X	X
ST-MW-12	X	X
ST-MW-13	X	X
ST-MW-14	X	X
ST-MW-15	X	X
ST-MW-16	X	X
ST-MW-17	X	X
ST-MW-18	X	X
ST-MW-19	X	X
ST-MW-20	X	X

Notes: Groundwater sampling schedule changed to a 15 month cycle starting July 2023

Table 2
Groundwater Sampling Analytical Results - VOCs
110 Cutter Mill Road, Village of Great Neck Plaza, NY
HRP# DEC1003.OM

VOCs	NYDEC Class GA Criteria, µg/L	Sample ID:	EPA-MW-11D	EPA-MW-21R	EPA-MW-23	EPA-MW-26	EPA-MW-27	EPA-MW-9A	MW-100	STA-MW-11	
		Date Collected:	10/23/2024	10/23/2024	10/23/2024	10/23/2024	10/23/2024	10/23/2024	10/23/2024	10/23/2024	10/23/2024
		Lab Report Number:	24J4052	24J4052	24J4052	24J4052	24J4052	24J4052	24J4052	24J4052	24J4052
1,1,1-Trichloroethane	5	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	
1,1,2,2-Tetrachloroethane	5	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	
1,1,2-Trichloroethane	1	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	
1,1-Dichloroethane	5	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	
1,1-Dichloroethene	5	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	
1,2-Dichlorobenzene	3	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	
1,2-Dichloroethane	0.6	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	
1,2-Dichloropropane	1	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	
1,3-Dichlorobenzene	3	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	
1,4-Dichlorobenzene	3	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	
Benzene	1	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	
Bromochloromethane	5	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	
Bromodichloromethane	50	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	
Bromoform	50	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	
Bromomethane	5	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	
Carbon tetrachloride	5	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	
Chlorobenzene	5	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	
Chloroethane	5	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	
Chloroform	7	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	
Chloromethane	5	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	
cis-1,2-Dichloroethene	5	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	
cis-1,3-Dichloropropene	0.4	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	
Dibromochloromethane	50	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	
Ethylbenzene	5	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	
m,p-Xylene		< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	
Methylene chloride	5	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	
Methyltertbutyl ether	10	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	
o-Xylene	5	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	
Tetrachloroethene	5	< 1.00 U	16.0	< 1.00 U							
Toluene	5	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	
Total Xylenes		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	
trans-1,2-Dichloroethene	5	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	
trans-1,3-Dichloropropene	0.4	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	
Trichloroethene	5	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	
Trichlorofluoromethane	5	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	
Vinyl chloride	2	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	
1,4-dioxane	0.35	<3.00	<3.00	<3.00	<3.00	<3.00	<3.00	<3.00	<3.00	<3.00	

Legend	
<1	Parameter not detected above the laboratory reporting limit.
1	Parameter reported at a concentrations greater than NYSDEC Class GA Criteria.
1	Parameter reported above the laboratory reporting limit but below the applicable regulatory standard/criterion.
Notes	
µg/L = micrograms per liter	
NYSDEC = New York State Department of Environmental Conservation	
VOCs = Volatile Organic Compounds	



Table 2
Groundwater Sampling Analytical Results - VOCs
110 Cutter Mill Road, Village of Great Neck Plaza, NY
HRP# DEC1003.OM

Sample ID:		STA-MW-12	STA-MW-13	STA-MW-14	STA-MW-15	STA-MW-16	STA-MW-17	STA-MW-18	STA-MW-19	STA-MW-20
Date Collected:		10/23/2024	10/23/2024	10/23/2024	10/23/2024	10/23/2024	10/23/2024	10/23/2024	10/23/2024	10/23/2024
Lab Report Number:		24J4052	24J4052	24J4052	24J4052	24J4052	24J4052	24J4052	24J4052	24J4052
VOCs	NYDEC Class GA Criteria, µg/L									
1,1,1-Trichloroethane	5	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
1,1,2,2-Tetrachloroethane	5	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U
1,1,2-Trichloroethane	1	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
1,1-Dichloroethane	5	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
1,1-Dichloroethene	5	< 1.00 U	< 1.00 U	1.60	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
1,2-Dichlorobenzene	3	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
1,2-Dichloroethane	0.6	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
1,2-Dichloropropane	1	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
1,3-Dichlorobenzene	3	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
1,4-Dichlorobenzene	3	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
Benzene	1	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
Bromochloromethane	5	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
Bromodichloromethane	50	0.610	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U
Bromoform	50	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
Bromomethane	5	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U
Carbon tetrachloride	5	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
Chlorobenzene	5	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
Chloroethane	5	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U
Chloroform	7	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U
Chloromethane	5	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U
cis-1,2-Dichloroethene	5	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
cis-1,3-Dichloropropene	0.4	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U
Dibromochloromethane	50	0.800	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U
Ethylbenzene	5	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
m,p-Xylene		< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U
Methylene chloride	5	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
Methyltertbutyl ether	10	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
o-Xylene	5	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
Tetrachloroethene	5	1.90	< 1.00 U	1.20	< 1.00 U	< 1.00 U	< 1.00 U	12.0	96.0	6.00
Toluene	5	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
Total Xylenes		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
trans-1,2-Dichloroethene	5	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
trans-1,3-Dichloropropene	0.4	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U
Trichloroethene	5	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
Trichlorofluoromethane	5	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U
Vinyl chloride	2	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U
1,4-dioxane	0.35	<3.00	<3.00	1.4	<3.00	<3.00	<3.00	<3.00	<3.00	<3.00

Legend	
<1	Parameter not detected above the laboratory reporting limit.
1	Parameter reported at a concentrations greater than NYSDEC Class GA Criteria.
1	Parameter reported above the laboratory reporting limit but below the applicable regulatory standard/criterion.
Notes	
µg/L = micrograms per liter	
NYSDEC = New York State Department of Environmental Conservation	
VOCs = Volatile Organic Compounds	



Table 3
Groundwater Sampling Analytical Results - PFAS
110 Cutter Mill Road, Village of Great Neck Plaza, NY
HRP# DEC1003.OM

Parameter	Sample ID: Date Collected: Lab Report Number:	EPA-MW-11D	EPA-MW-21R	EPA-MW-23	EPA-MW-26	EPA-MW-27	EPA-MW-9A	MW-100	STA-MW-11	
		10/23/2024	10/23/2024	10/23/2024	10/23/2024	10/23/2024	10/23/2024	10/23/2024	10/23/2024	10/23/2024
		24J4052								
NYDEC Class GA	ng/L									
3:3FTCA		< 9.7	< 9.9	< 9.4	< 10	< 9.3	< 10	< 11	< 10	
4:2 FTS		< 3.9	< 4	< 3.8	< 4.1	< 3.7	< 4	< 4.3	< 4.1	
5:3FTCA		< 48	< 50	< 47	< 51	< 46	< 50	< 53	< 51	
6:2 FTS		< 3.9	< 4	< 3.8	< 4.1	< 3.7	< 4	< 4.3	< 4.1	
7:3FTCA		< 48	< 50	< 47	< 51	< 46	< 50	< 53	< 51	
8:2 FTS		< 3.9	< 4	< 3.8	< 4.1	< 3.7	< 4	< 4.3	< 4.1	
ADONA		< 3.9	< 4	< 3.8	< 4.1	< 3.7	< 4	< 4.3	< 4.1	
F53B Major		< 3.9	< 4	< 3.8	< 4.1	< 3.7	< 4	< 4.3	< 4.1	
F53B Minor		< 3.9	< 4	< 3.8	< 4.1	< 3.7	< 4	< 4.3	< 4.1	
FOSA		< 0.97	< 0.99	< 0.94	< 1	< 0.93	< 1	< 1.1	< 1	
HFPO-DA		< 3.9	< 4	< 3.8	< 4.1	< 3.7	< 4	< 4.3	< 4.1	
NEfFOSE		< 9.7	< 9.9	< 9.4	< 10	< 9.3	< 10	< 11	< 10	
NEtFOSA		< 0.97	< 0.99	< 0.94	< 1	< 0.93	< 1	< 1.1	< 1	
NEtFOSAA		< 0.97	< 0.99	< 0.94	< 1	< 0.93	< 1	< 1.1	< 1	
NFDHA		< 1.9	< 2	< 1.9	< 2	< 1.9	< 2	< 2.1	< 2.1	
NMeFOSA		< 0.97	< 0.99	< 0.94	< 1	< 0.93	< 1	< 1.1	< 1	
NMeFOSAA		< 0.97	< 0.99	< 0.94	< 1	< 0.93	< 1	< 1.1	< 1	
NMeFOSE		< 9.7	< 9.9	< 9.4	< 10	< 9.3	< 10	< 11	< 10	
PFBA		6.6	5.0	12	45	7.3	10	6.7	12	
PFBS		5.2	8.0	5.7	8.4	4.9	5.1	5.8	5.5	
PFDA		< 0.97	< 0.99	< 0.94	1.6	< 0.93	2.9	< 1.1	< 1	
PFDoA		< 0.97	< 0.99	< 0.94	< 1	< 0.93	< 1	< 1.1	< 1	
PFDoDS		< 0.97	< 0.99	< 0.94	< 1	< 0.93	< 1	< 1.1	< 1	
PFDS		< 0.97	< 0.99	< 0.94	< 1	< 0.93	< 1	< 1.1	< 1	
PFEESA		< 1.9	< 2	< 1.9	< 2	< 1.9	< 2	< 2.1	< 2.1	
PFHpA		5.7	3.9	9.6	55	7.3	16	5.9	5.9	
PFHpS		< 0.97	1.2	< 0.94	1.4	< 0.93	< 1	< 1.1	< 1	
PFHxA		13	5.1	17	100	18	21	14	19	
PFHxS		4.2	18	7.4	26	3.9	12	4.4	2.4	
PFMBA		< 1.9	< 2	< 1.9	< 2	< 1.9	< 2	< 2.1	< 2.1	
PFMPA		< 1.9	< 2	< 1.9	< 2	< 1.9	< 2	< 2.1	< 2.1	
PFNA		< 0.97	2.8	9.4	18	< 0.93	11	< 1.1	1.6	
PFNS		< 0.97	< 0.99	< 0.94	< 1	< 0.93	< 1	< 1.1	< 1	
PFOA	6.7	19	20	21	38	20	54	19	12	
PFOS	2.7	5.9	16	54	170	6.5	44	6.4	14	
PFPeA		12	8.3	27	160	16	23	13	29	
PFPeS		< 0.97	< 0.99	< 0.94	1.9	< 0.93	< 1	< 1.1	< 1	
PFTA		< 0.97	< 0.99	< 0.94	< 1	< 0.93	< 1	< 1.1	< 1	
PFTTrDA		< 0.97	< 0.99	< 0.94	< 1	< 0.93	< 1	< 1.1	< 1	
PFUnA		< 0.97	< 0.99	< 0.94	< 1	< 0.93	< 1	< 1.1	< 1	

Legend	
<1	Parameter not detected above the laboratory reporting limit.
1	Parameter reported at a concentrations greater than NYSDEC Class GA Criteria.
1	Parameter reported above the laboratory reporting limit but below the applicable regulatory standard/criterion.
Notes	
ng/L = nanograms per liter	
NYSDEC = New York State Department of Environmental Conservation	
PFAS = per- polyfluoroalkyl substances	



Table 3
Groundwater Sampling Analytical Results - PFAS
110 Cutter Mill Road, Village of Great Neck Plaza, NY
HRP# DEC1003.OM

Parameter	Sample ID:	STA-MW-12	STA-MW-13	STA-MW-14	STA-MW-15	STA-MW-16	STA-MW-17	STA-MW-18	STA-MW-19	STA-MW-20
	Date Collected:	10/23/2024	10/23/2024	10/23/2024	10/23/2024	10/23/2024	10/23/2024	10/23/2024	10/23/2024	10/23/2024
	Lab Report Number:	24J4052	24J4052	24J4052	24J4052	24J4052	24J4052	24J4052	24J4052	24J4052
PFAS	NYDEC Class GA ng/L									
3:3FTCA		< 10	< 11	< 9.8	< 9.8	< 10	< 9.8	< 9.5	< 9.7	< 10
4:2 FTS		< 4	< 4.2	< 3.9	< 3.9	< 4	< 3.9	< 3.8	< 3.9	< 4
5:3FTCA		< 50	< 53	< 49	< 49	< 50	< 49	< 48	< 49	< 50
6:2 FTS		< 4	< 4.2	< 3.9	< 3.9	< 4	< 3.9	< 3.8	< 3.9	< 4
7:3FTCA		< 50	< 53	< 49	< 49	< 50	< 49	< 48	< 49	< 50
8:2 FTS		< 4	< 4.2	< 3.9	< 3.9	< 4	< 3.9	< 3.8	< 3.9	< 4
ADONA		< 4	< 4.2	< 3.9	< 3.9	< 4	< 3.9	< 3.8	< 3.9	< 4
F53B Major		< 4	< 4.2	< 3.9	< 3.9	< 4	< 3.9	< 3.8	< 3.9	< 4
F53B Minor		< 4	< 4.2	< 3.9	< 3.9	< 4	< 3.9	< 3.8	< 3.9	< 4
FOSA		< 1	< 1.1	< 0.98	< 0.98	< 1	< 0.98	< 0.95	< 0.97	< 1
HFPO-DA		< 4	< 4.2	< 3.9	< 3.9	< 4	< 3.9	< 3.8	< 3.9	< 4
NEFFOSE		< 10	< 11	< 9.8	< 9.8	< 10	< 9.8	< 9.5	< 9.7	< 10
NEtFOSA		< 1	< 1.1	< 0.98	< 0.98	< 1	< 0.98	< 0.95	< 0.97	< 1
NEtFOSAA		< 1	< 1.1	< 0.98	< 0.98	< 1	< 0.98	< 0.95	< 0.97	< 1
NFDHA		< 2	< 2.1	< 2	< 2	< 2	< 2	< 1.9	< 1.9	< 2
NMeFOSA		< 1	< 1.1	< 0.98	< 0.98	< 1	< 0.98	< 0.95	< 0.97	< 1
NMeFOSAA		< 1	< 1.1	< 0.98	< 0.98	< 1	< 0.98	< 0.95	< 0.97	< 1
NMeFOSE		< 10	< 11	< 9.8	< 9.8	< 10	< 9.8	< 9.5	< 9.7	< 10
PFBA		4.9	6.5	< 3.9	7.8	7.3	7.0	5.1	6.9	7.1
PFBS		3.1	6.0	1.7	1.6	4.8	4.8	2.2	4.2	2.0
PFDA		< 1	< 1.1	< 0.98	< 0.98	< 1	< 0.98	1.7	1.5	1.3
PFDoA		< 1	< 1.1	< 0.98	< 0.98	< 1	< 0.98	< 0.95	< 0.97	< 1
PFDoDS		< 1	< 1.1	< 0.98	< 0.98	< 1	< 0.98	< 0.95	< 0.97	< 1
PFDS		< 1	< 1.1	< 0.98	< 0.98	< 1	< 0.98	< 0.95	< 0.97	< 1
PFEESA		< 2	< 2.1	< 2	< 2	< 2	< 2	< 1.9	< 1.9	< 2
PFHpA		6.5	4.6	3.8	16	7.4	7.1	7.1	10	9.4
PFHpS		< 1	< 1.1	< 0.98	< 0.98	< 1	< 0.98	< 0.95	< 0.97	< 1
PFHxA		7.7	11	5.7	12	13	9.1	9.7	13	12
PFHxS		4.7	3.4	3.2	2.0	6.3	4.0	3.9	4.8	4.2
PFMBA		< 2	< 2.1	< 2	< 2	< 2	< 2	< 1.9	< 1.9	< 2
PFMPA		< 2	< 2.1	< 2	< 2	< 2	< 2	< 1.9	< 1.9	< 2
PFNA		< 1	< 1.1	< 0.98	1.3	2.8	0.99	1.7	4.4	1.9
PFNS		< 1	< 1.1	< 0.98	< 0.98	< 1	< 0.98	< 0.95	< 0.97	< 1
PFOA	6.7	16	15	8.2	7.8	20	22	15	31	19
PFOS	2.7	5.3	< 1.1	3.4	1.3	25	13	9.2	20	11
PFPeA		6.7	13	7.3	21	18	11	14	18	17
PFPeS		1.1	< 1.1	< 0.98	< 0.98	< 1	< 0.98	1.0	< 0.97	1.1
PFTA		< 1	< 1.1	< 0.98	< 0.98	< 1	< 0.98	< 0.95	< 0.97	< 1
PFTTrDA		< 1	< 1.1	< 0.98	< 0.98	< 1	< 0.98	< 0.95	< 0.97	< 1
PFUnA		< 1	< 1.1	< 0.98	< 0.98	< 1	< 0.98	< 0.95	< 0.97	< 1

Legend	
<1	Parameter not detected above the laboratory reporting limit.
1	Parameter reported at a concentrations greater than NYSDEC Class GA Criteria.
1	Parameter reported above the laboratory reporting limit but below the applicable regulatory standard/criterion.
Notes	
ng/L = nanograms per liter	
NYSDEC = New York State Department of Environmental Conservation	
PFAS = per- polyfluoroalkyl substances	



APPENDIX A

Daily O&M Reports

DAILY INSPECTION REPORT

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 10/23/24

Interaction with Public, Property Owners, Media, etc.

Include (insert) figures with markups showing location of work and job progress

DAILY INSPECTION REPORT

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 10/23/24

DAILY INSPECTION REPORT

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 10/23/24

Site Photographs (Descriptions Below)	

DAILY INSPECTION REPORT

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 10/23/24

Comments	
Site Inspector(s):	Date:

DAILY INSPECTION REPORT

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 10/23/24

DAILY HEALTH CHECKLIST

Is social distancing being practiced?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Is the tail gate safety meeting held outdoors?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Were personal protective gloves, masks, and eye protection being used?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are sanitizing wipes, wash stations or spray available?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Have any workers/visitors been excluded based on close contact with individuals diagnosed with COVID-19, have recently traveled to restricted areas or countries, or are symptomatic (fever, chills, cough/shortness of breath)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>Comments:</u>		

REMEDIAL ACTIVITIES AT PROPERTIES

1. Have anyone at this location been tested and confirmed to have COVID-19?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
2. Is anyone at this location isolated or quarantined for COVID-19?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
3. Has anyone at this locaton had contact with anyone known to have COVID-19 in the past 14 days?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
4. Does anyone at this locaton have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
5. Does the Department and its contractors have your permission to enter the property at this time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
If Yes to <u>any</u> of 1-4 above:		
<ul style="list-style-type: none"> If it is <u>not</u> critical that service/entry be carried out immediately and can be postponed until the risk of COVID-19 is lower, or can be accomplished remotely/without entry, postpone or conduct service without entry. If it <u>is</u> critical that service/entry be carried out immediately, advise occupants that as a precaution and for our own protection, project personnel will be donning appropriate PPE* (including respiratory protection) - and do so prior to entry. 	Yes <input type="checkbox"/>	No <input type="checkbox"/>
<u>Comments:</u>		

DAILY INSPECTION REPORT

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 11/20/24

Interaction with Public, Property Owners, Media, etc.

Include (insert) figures with markups showing location of work and job progress

DAILY INSPECTION REPORT

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 11/20/24

DAILY INSPECTION REPORT

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 11/20/24

Site Photographs (Descriptions Below)	

DAILY INSPECTION REPORT

Report No. (Site Name) - NYSDEC Site No. 130072

Date: 11/20/24

Comments	
Site Inspector(s):	Date:

DAILY INSPECTION REPORT

Report No. _____ (Site Name) - NYSDEC Site No. 130072

Date: 11/20/24

DAILY HEALTH CHECKLIST

Is social distancing being practiced?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Is the tail gate safety meeting held outdoors?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Were personal protective gloves, masks, and eye protection being used?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are sanitizing wipes, wash stations or spray available?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Have any workers/visitors been excluded based on close contact with individuals diagnosed with COVID-19, have recently traveled to restricted areas or countries, or are symptomatic (fever, chills, cough/shortness of breath)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>Comments:</u>		

REMEDIAL ACTIVITIES AT PROPERTIES

1. Have anyone at this location been tested and confirmed to have COVID-19?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
2. Is anyone at this location isolated or quarantined for COVID-19?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
3. Has anyone at this locaton had contact with anyone known to have COVID-19 in the past 14 days?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
4. Does anyone at this locaton have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
5. Does the Department and its contractors have your permission to enter the property at this time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
If Yes to <u>any</u> of 1-4 above:		
<ul style="list-style-type: none"> If it is <u>not</u> critical that service/entry be carried out immediately and can be postponed until the risk of COVID-19 is lower, or can be accomplished remotely/without entry, postpone or conduct service without entry. If it <u>is</u> critical that service/entry be carried out immediately, advise occupants that as a precaution and for our own protection, project personnel will be donning appropriate PPE* (including respiratory protection) - and do so prior to entry. 	Yes <input type="checkbox"/>	No <input type="checkbox"/>
<u>Comments:</u>		

APPENDIX B

SVE System O&M Reports

Stanton Cleaners Area Superfund Site
Soil Vapor Extraction System
Monthly Air Monitoring Log

Date: 10-23-24
HRP #: 030 1003 0m

Pipe ID	FID	MultiRae					VelociCalc					
		VOC	VOC	CO	Oxygen	LEL	H2S	Temp.	Vac. Pres.	%RH	Dew Pt.	Flow
SVE-Influent	5.709		0.0	0.0	20.9	0.0	0.0	80.0	14	47	59.2	18.02
Post-Blower Pre-Carbon*	5.706		1.7	0.0	20.9	0.0	0.0	77.70	0.58+	51.3	56.7	100-84
EPA-SVE-1 (shallow)	1.913											
EPA-SVE-1 (medium)	1.913											
EPA-SVE-2 (shallow)	1.913											
EPA-SVE-2 (medium)	1.913											
SS-A	1.913											
SVE-3A	1.913											
SVE-3B	1.913											
SVE-1 Combined	1.913											
SVE-2 Combined	1.913											
hSVE-1			0.0	0.0	20.9	0.0	0.0	83.9	8	49.1	66.2	93.48
hSVE-2			0.0	0.0	20.9	0.0	0.0	78.4	12	50.0	58.2	2.61
Background	N/A		0.0	0.0	20.9	0.0	0.0	79.4	13	47.0	60.1	38.36
			0.0	0.0	20.9	0.0	0.0	69		72		

	On/Off Prior to Monitoring Date	On/Off After Monitoring Date
SVE-1	closed	closed
SVE-2	open	open
SVE-3	open	open
SVE-4	closed	closed
EPA-SVE-04R/SSB(A)		
SS-A		
SS-B(B)		
SS-B(C)		
L1		
L2		
hSVE-1	open	open
hSVE-2	open	open

44 Hz system on upon arrival
23" at SVE blower
bleed slightly open
0.0 ppm Effluent

Equipment Calibrated by: DJA Air Readings Collected by: DJA

FID - Flame Ionization Detector
CO - Carbon Monoxide
LEL - Lower Explosive Limit
VOC - Volatile Organic Compounds
H2S - Hydrogen Sulfide

Temperature - degrees F
Vacuum Pressure - inches/H2O
%RH - Relative Humidity
Dew Point - degrees F
Flow - cubic feet per minute (CFM)

*SVE-Effluent relabeled as "Post-Blower Pre-Carbon"

Stanton Cleaners Area Superfund Site
Soil Vapor Extraction System
Monthly Air Monitoring Log

Date: 9/29/21 11/20/24
HRP #: 056.1003 01

Pipe ID	FID		MultiRae				VelociCalc					
	VOC	VOC	CO	Oxygen	LEL	H2S	Temp.	Vac. Pres.	%RH	Dew Pt.	Flow	
SVE-Influent	5.709	1.266	0.0	20.9	0.0	0.0	64.7	0.564	49.3	35.9	76.04	
Post-Blower Pre-Carbon*	5.706	1.7	0.0	20.9	0.0	0.0	62.1	17	47.6	36.7	22.72	
EPA-SVE-1 (shallow)	1.913											
EPA-SVE-1 (medium)	1.913											
EPA-SVE-2 (shallow)	1.913											
EPA-SVE-2 (medium)	1.913											
SS-A	1.913											
SVE-3A	1.913											
SVE-3B	1.913							16				
SVE-1 Combined	1.913											
SVE-2 Combined	1.913		0.0	0.0	20.9	0.0	0.0	57.5	14	49.1	36.3	97.02
hSVE-1			0.0	0.0	20.9	0.0	0.0	56.6	15	43.4	36.2	7.80
hSVE-2			26.1	0.0	20.9	0.0	0.0	33.8	15	44.1	36.2	42.24
Background	N/A		0.0	0.0	20.9	0.0	0.0	47		78	39	

	On/Off Prior to Monitoring Date	On/Off After Monitoring Date
SVE-1	closed	closed
SVE-2	open	open
SVE-3	open	open
SVE-4	closed	closed
EPA-SVE-04R/SSB(A)		
SS-A		
SS-B(B)		
SS-B(C)		
L1		
L2		
hSVE-1	open	open
hSVE-2	open	open

44 Hz blower on upon arrival
26" at blower
0.8 psi
0.0 ppm Effluent
Shot SVE blower off
@ 7:15 AM

Equipment Calibrated by: OJA Air Readings Collected by: OJA

FID - Flame Ionization Detector
CO - Carbon Monoxide
LEL - Lower Explosive Limit
VOC - Volatile Organic Compounds
H2S - Hydrogen Sulfide
Temperature - degrees F
Vacuum Pressure - inches/H2O
%RH - Relative Humidity
Dew Point - degrees F
Flow - cubic feet per minute (CFM)

*SVE-Effluent relabeled as "Post-Blower Pre-Carbon"

APPENDIX C

Laboratory Analytical Reports

November 19, 2024

Payson Long
NYDEC_HRP Associates, Inc. - Farmington, CT
197 Scott Swamp Road
Farmington, CT 06032

Project Location: 110 Cutter Rd, Great Neck, NY
Client Job Number:
Project Number: 130072
Laboratory Work Order Number: 24J4052

Enclosed are results of analyses for samples as received by the laboratory on October 25, 2024. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Raymond J. McCarthy
Project Manager

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

 NYDEC_HRP Associates, Inc. - Farmington, CT
 197 Scott Swamp Road
 Farmington, CT 06032
 ATTN: Payson Long

REPORT DATE: 11/19/2024

PURCHASE ORDER NUMBER: 152021

PROJECT NUMBER: 130072

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 24J4052

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

PROJECT LOCATION: 110 Cutter Rd, Great Neck, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
EPA-MW-9A	24J4052-01	Ground Water		- Draft Method 1633 SW-846 8260D	MA M-MA-086/CT PH-0574/NY11148
EPA-MW-11D	24J4052-02	Ground Water		- Draft Method 1633 SW-846 8260D	MA M-MA-086/CT PH-0574/NY11148
EPA-MW-21R	24J4052-03	Ground Water		- Draft Method 1633 SW-846 8260D	MA M-MA-086/CT PH-0574/NY11148
EPA-MW-23	24J4052-04	Ground Water		- Draft Method 1633 SW-846 8260D	MA M-MA-086/CT PH-0574/NY11148
EPA-MW-26	24J4052-05	Ground Water		- Draft Method 1633 SW-846 8260D	MA M-MA-086/CT PH-0574/NY11148
EPA-MW-27	24J4052-06	Ground Water		- Draft Method 1633 SW-846 8260D	MA M-MA-086/CT PH-0574/NY11148
STA-MW-11	24J4052-07	Ground Water		- Draft Method 1633 SW-846 8260D	MA M-MA-086/CT PH-0574/NY11148
STA-MW-12	24J4052-08	Ground Water		- Draft Method 1633 SW-846 8260D	MA M-MA-086/CT PH-0574/NY11148
STA-MW-13	24J4052-09	Ground Water		- Draft Method 1633 SW-846 8260D	MA M-MA-086/CT PH-0574/NY11148
STA-MW-14	24J4052-10	Ground Water		- Draft Method 1633 SW-846 8260D	MA M-MA-086/CT PH-0574/NY11148
STA-MW-15	24J4052-11	Ground Water		- Draft Method 1633 SW-846 8260D	MA M-MA-086/CT PH-0574/NY11148

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

 NYDEC_HRP Associates, Inc. - Farmington, CT
 197 Scott Swamp Road
 Farmington, CT 06032
 ATTN: Payson Long

REPORT DATE: 11/19/2024

PURCHASE ORDER NUMBER: 152021

PROJECT NUMBER: 130072

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 24J4052

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

PROJECT LOCATION: 110 Cutter Rd, Great Neck, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
STA-MW-16	24J4052-12	Ground Water		- Draft Method 1633 SW-846 8260D	MA M-MA-086/CT PH-0574/NY11148
STA-MW-17	24J4052-13	Ground Water		- Draft Method 1633 SW-846 8260D	MA M-MA-086/CT PH-0574/NY11148
STA-MW-18	24J4052-14	Ground Water		- Draft Method 1633 SW-846 8260D	MA M-MA-086/CT PH-0574/NY11148
STA-MW-19	24J4052-15	Ground Water		- Draft Method 1633 SW-846 8260D	MA M-MA-086/CT PH-0574/NY11148
STA-MW-20	24J4052-16	Ground Water		- Draft Method 1633 SW-846 8260D	MA M-MA-086/CT PH-0574/NY11148
MW-100	24J4052-17	Ground Water		- Draft Method 1633 SW-846 8260D	MA M-MA-086/CT PH-0574/NY11148
TB-1	24J4052-18	Trip Blank Water		- SW-846 8260D	MA M-MA-086/CT PH-0574/NY11148
EB-1	24J4052-19	Equipment Blank Water		Draft Method 1633	
FB-1	24J4052-20	Field Blank		Draft Method 1633	

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:****H-01**

Recommended sample holding time was exceeded, but analysis was performed before 2X the allowable holding time.

Analyte & Samples(s) Qualified:**Total Suspended Solids**

24J4052-01[EPA-MW-9A], 24J4052-02[EPA-MW-11D], 24J4052-03[EPA-MW-21R], 24J4052-04[EPA-MW-23], 24J4052-05[EPA-MW-26], 24J4052-06[EPA-MW-27], 24J4052-07[STA-MW-11], 24J4052-08[STA-MW-12], 24J4052-09[STA-MW-13], 24J4052-10[STA-MW-14], 24J4052-11[STA-MW-15], 24J4052-12[STA-MW-16], 24J4052-13[STA-MW-17], 24J4052-14[STA-MW-18], 24J4052-15[STA-MW-19], 24J4052-16[STA-MW-20], 24J4052-17[MW-100]

PF-17C

Extracted internal standard is outside of control limits. Analyte is a known difficult compound.

Analyte & Samples(s) Qualified:**13C2-4:2FTS**

24J4052-16RE1[STA-MW-20], B392231-BLK1, B392231-BS1, B392231-MRL1

13C2-6:2FTS

24J4052-16RE1[STA-MW-20], B392231-BLK1, B392231-BS1, B392231-MRL1

13C2-8:2FTS

24J4052-16RE1[STA-MW-20], B392231-BLK1, B392231-MRL1

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

24J4052-16RE1[STA-MW-20], B392231-BLK1, B392231-MRL1

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

24J4052-16RE1[STA-MW-20], B392231-BLK1, B392231-BS1, B392231-MRL1

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

24J4052-16RE1[STA-MW-20], B392231-BLK1, B392231-BS1, B392231-MRL1

PF-18

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

Analyte & Samples(s) Qualified:**13C2-4:2FTS**

24J4052-07RE1[STA-MW-11]

13C2-6:2FTS

24J4052-07RE1[STA-MW-11]

13C2-8:2FTS

24J4052-07RE1[STA-MW-11]

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

24J4052-07RE1[STA-MW-11]

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

24J4052-07RE1[STA-MW-11]

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

24J4052-07RE1[STA-MW-11]

PF-22

Qualifier ion ratio >150% of associated calibration. Detection is suspect.

Analyte & Samples(s) Qualified:**Perfluoropentanoic acid (PFPeA)**

24J4052-03[EPA-MW-21R]

S-29

Extracted Internal Standard is outside of control limits.

Analyte & Samples(s) Qualified:**13C2-4:2FTS**

S114095-CCV2

13C2-6:2FTS

24J4052-01[EPA-MW-9A], S114095-CCV2

13C2-8:2FTS

24J4052-01[EPA-MW-9A]

13C3-PFHxS

24J4052-01[EPA-MW-9A]

13C4-PFHpA

24J4052-01[EPA-MW-9A], 24J4052-14[STA-MW-18]

13C5-PFHxA

24J4052-01[EPA-MW-9A], 24J4052-14[STA-MW-18]

13C6-PFDA

24J4052-01[EPA-MW-9A]

13C8-PFOA

24J4052-01[EPA-MW-9A], 24J4052-14[STA-MW-18]

13C9-PFNA

24J4052-01[EPA-MW-9A]

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

24J4052-01[EPA-MW-9A]

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

S114095-CCV2

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

24J4052-01[EPA-MW-9A], S114095-CCV2

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

24J4052-01[EPA-MW-9A], 24J4052-14[STA-MW-18]

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

24J4052-01[EPA-MW-9A], 24J4052-14[STA-MW-18]

Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)

24J4052-01[EPA-MW-9A], 24J4052-14[STA-MW-18]

Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)

24J4052-01[EPA-MW-9A]

Perfluorodecanoic acid (PFDA)

24J4052-01[EPA-MW-9A]

Perfluoroheptanoic acid (PFHpA)

24J4052-01[EPA-MW-9A], 24J4052-14[STA-MW-18]

Perfluorohexanesulfonic acid (PFHxS)

24J4052-01[EPA-MW-9A]

Perfluorohexanoic acid (PFHxA)

24J4052-01[EPA-MW-9A], 24J4052-14[STA-MW-18]

Perfluorononanoic acid (PFNA)

24J4052-01[EPA-MW-9A]

Perfluorooctanoic acid (PFOA)

24J4052-01[EPA-MW-9A], 24J4052-14[STA-MW-18]

Perfluoropentanesulfonic acid (PFPeS)

24J4052-01[EPA-MW-9A]

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)**

S114095-CCV2

SW-846 8260D

Qualifications:

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

L-04

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

Analyte & Samples(s) Qualified:**Carbon Disulfide**

24J4052-01[EPA-MW-9A], 24J4052-02[EPA-MW-11D], 24J4052-03[EPA-MW-21R], 24J4052-04[EPA-MW-23], 24J4052-05[EPA-MW-26], 24J4052-06[EPA-MW-27], 24J4052-07[STA-MW-11], 24J4052-08[STA-MW-12], 24J4052-09[STA-MW-13], 24J4052-10[STA-MW-14], 24J4052-11[STA-MW-15], 24J4052-12[STA-MW-16], 24J4052-13[STA-MW-17], 24J4052-14[STA-MW-18], 24J4052-15[STA-MW-19], 24J4052-16[STA-MW-20], 24J4052-17[MW-100], 24J4052-18[TB-1], B391256-BLK1, B391256-BS1, B391256-BSD1, B391256-MS1, B391256-MSD1, S113325-CCV1

MS-09

Matrix spike recovery and/or matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:**1,2,4-Trichlorobenzene**

24J4052-12[STA-MW-16], B391256-MS1, B391256-MSD1

Naphthalene

24J4052-12[STA-MW-16], B391256-MS1, B391256-MSD1

MS-15

Matrix spike and matrix spike duplicate recoveries are outside of control limits. Data validation is not affected since results for this compound in this sample are "not detected", and recovery bias is on the high side.

Analyte & Samples(s) Qualified:**Bromomethane**

B391256-MS1, B391256-MSD1

Chloromethane

B391256-MS1, B391256-MSD1

MS-24

Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.

Analyte & Samples(s) Qualified:**1,2,3-Trichlorobenzene**

B391256-MS1

R-06

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

Analyte & Samples(s) Qualified:**Naphthalene**

B391256-MS1, B391256-MSD1

V-05

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

Analyte & Samples(s) Qualified:**Naphthalene**

24J4052-01[EPA-MW-9A], 24J4052-02[EPA-MW-11D], 24J4052-03[EPA-MW-21R], 24J4052-04[EPA-MW-23], 24J4052-05[EPA-MW-26], 24J4052-06[EPA-MW-27], 24J4052-07[STA-MW-11], 24J4052-08[STA-MW-12], 24J4052-09[STA-MW-13], 24J4052-10[STA-MW-14], 24J4052-11[STA-MW-15], 24J4052-12[STA-MW-16], 24J4052-13[STA-MW-17], 24J4052-14[STA-MW-18], 24J4052-15[STA-MW-19], 24J4052-16[STA-MW-20], 24J4052-17[MW-100], 24J4052-18[TB-1], B391256-BLK1, B391256-BS1, B391256-BSD1, B391256-MS1, B391256-MSD1, S113325-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:**Chloromethane**

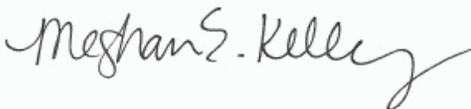
B391256-BS1, B391256-BSD1, B391256-MS1, B391256-MSD1, S113325-CCV1

Methyl Acetate

B391256-BS1, B391256-BSD1, B391256-MS1, B391256-MSD1, S113325-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

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: EPA-MW-9A

Sampled: 10/23/2024 07:20

Sample ID: 24J4052-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
Carbon Disulfide	ND	5.0	µg/L	1	L-04	SW-846 8260D	11/4/24	11/4/24 11:39	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	11/4/24	11/4/24 11:39	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: EPA-MW-9A

Sampled: 10/23/2024 07:20

Sample ID: 24J4052-01

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	11/4/24	11/4/24 11:39	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:39	EEH
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		102	70-130					11/4/24 11:39	
Toluene-d8		98.6	70-130					11/4/24 11:39	
4-Bromofluorobenzene		86.9	70-130					11/4/24 11:39	

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: EPA-MW-9A

Sampled: 10/23/2024 07:20

Sample ID: 24J4052-01

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)	10	4.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:00	AB
Perfluoropentanoic acid (PFPeA)	23	2.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:00	AB
Perfluorohexanoic acid (PFHxA)	21	1.0	ng/L	1	S-29	Draft Method 1633	11/8/24	11/12/24 16:00	AB
Perfluoroheptanoic acid (PFHpA)	16	1.0	ng/L	1	S-29	Draft Method 1633	11/8/24	11/12/24 16:00	AB
Perfluorooctanoic acid (PFOA)	54	1.0	ng/L	1	S-29	Draft Method 1633	11/8/24	11/12/24 16:00	AB
Perfluorononanoic acid (PFNA)	11	1.0	ng/L	1	S-29	Draft Method 1633	11/8/24	11/12/24 16:00	AB
Perfluorodecanoic acid (PFDA)	2.9	1.0	ng/L	1	S-29	Draft Method 1633	11/8/24	11/12/24 16:00	AB
Perfluoroundecanoic acid (PFUnA)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:00	AB
Perfluorododecanoic acid (PFDoA)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:00	AB
Perfluorotridecanoic acid (PFTrDA)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:00	AB
Perfluorotetradecanoic acid (PFTeDA)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:00	AB
Perfluorobutanesulfonic acid (PFBS)	5.1	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:00	AB
Perfluoropentanesulfonic acid (PFPeS)	ND	1.0	ng/L	1	S-29	Draft Method 1633	11/8/24	11/12/24 16:00	AB
Perfluorohexanesulfonic acid (PFHxS)	12	1.0	ng/L	1	S-29	Draft Method 1633	11/8/24	11/12/24 16:00	AB
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:00	AB
Perfluorooctanesulfonic acid (PFOS)	44	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:00	AB
Perfluorononanesulfonic acid (PFNS)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:00	AB
Perfluorodecanesulfonic acid (PFDS)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:00	AB
Perfluorododecanesulfonic acid (PFDoS)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:00	AB
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	4.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:00	AB
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	4.0	ng/L	1	S-29	Draft Method 1633	11/8/24	11/12/24 16:00	AB
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	4.0	ng/L	1	S-29	Draft Method 1633	11/8/24	11/12/24 16:00	AB
Perfluorooctanesulfonamide (PFOSA)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:00	AB
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:00	AB
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:00	AB
N-MeFOSAA (NMeFOSAA)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:00	AB
N-EtFOSAA (NEtFOSAA)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:00	AB
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	10	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:00	AB
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	10	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:00	AB
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	4.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:00	AB
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	ND	4.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:00	AB
9Cl-PF3ONS (F53B Minor)	ND	4.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:00	AB
11Cl-PF3OUdS (F53B Major)	ND	4.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:00	AB
3-Perfluoropropyl propanoic acid (FPPrPA) (3:3FTCA)	ND	10	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:00	AB
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	50	ng/L	1	S-29	Draft Method 1633	11/8/24	11/12/24 16:00	AB
3-Perfluoroheptyl propanoic acid (FHPrPA) (7:3FTCA)	ND	50	ng/L	1	S-29	Draft Method 1633	11/8/24	11/12/24 16:00	AB
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.0	ng/L	1	S-29	Draft Method 1633	11/8/24	11/12/24 16:00	AB
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	2.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:00	AB

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: EPA-MW-9A

Sampled: 10/23/2024 07:20

Sample ID: 24J4052-01

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	2.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:00	AB
Nonfluoro-3,6-dioxiheptanoic acid (NFDHA)	ND	2.0	ng/L	1	S-29	Draft Method 1633	11/8/24	11/12/24 16:00	AB
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
13C4-PFBA	56.9		10-130					11/12/24 16:00	
13C5-PFPeA	50.5		35-150					11/12/24 16:00	
13C5-PFHxA	50.6 *		55-150		S-29			11/12/24 16:00	
13C4-PFHpA	50.1 *		55-150		S-29			11/12/24 16:00	
13C8-PFOA	50.6 *		60-140		S-29			11/12/24 16:00	
13C9-PFNA	48.6 *		55-140		S-29			11/12/24 16:00	
13C6-PFDA	49.4 *		50-140		S-29			11/12/24 16:00	
13C7-PFUnA	50.0		30-140					11/12/24 16:00	
13C2-PFD _o A	50.6		10-150					11/12/24 16:00	
13C2-PFTeDA	48.5		10-130					11/12/24 16:00	
13C3-PFBS	57.1		55-150					11/12/24 16:00	
13C3-PFHxS	50.9 *		55-150		S-29			11/12/24 16:00	
13C8-PFOS	49.2		45-140					11/12/24 16:00	
13C2-4:2FTS	71.8		60-200					11/12/24 16:00	
13C2-6:2FTS	52.6 *		60-200		S-29			11/12/24 16:00	
13C2-8:2FTS	49.2 *		50-200		S-29			11/12/24 16:00	
13C8-PFOA	49.9		30-130					11/12/24 16:00	
D3-NMeFOSA	45.1		15-130					11/12/24 16:00	
D5-NEtFOSA	47.0		10-130					11/12/24 16:00	
D3-NMeFOSAA	57.0		45-200					11/12/24 16:00	
D5-NEtFOSAA	54.4		10-200					11/12/24 16:00	
D7-NMeFOSE	54.7		10-150					11/12/24 16:00	
D9-NEtFOSE	54.7		10-150					11/12/24 16:00	
13C3-HFPO-DA	59.3		25-160					11/12/24 16:00	

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: EPA-MW-9A

Sampled: 10/23/2024 07:20

Sample ID: 24J4052-01

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	2200	10	mg/L	1	H-01	Draft Method 1633	11/4/24	11/4/24 13:50	LL

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: EPA-MW-11D

Sampled: 10/23/2024 06:25

Sample ID: 24J4052-02

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	11/4/24	11/4/24 12:06	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
Carbon Disulfide	ND	5.0	µg/L	1	L-04	SW-846 8260D	11/4/24	11/4/24 12:06	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	11/4/24	11/4/24 12:06	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: EPA-MW-11D

Sampled: 10/23/2024 06:25

Sample ID: 24J4052-02

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	11/4/24	11/4/24 12:06	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:06	EEH
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		101	70-130					11/4/24 12:06	
Toluene-d8		98.9	70-130					11/4/24 12:06	
4-Bromofluorobenzene		89.6	70-130					11/4/24 12:06	

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: EPA-MW-11D

Sampled: 10/23/2024 06:25

Sample ID: 24J4052-02

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)	6.6	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:16	AB
Perfluoropentanoic acid (PFPeA)	12	1.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:16	AB
Perfluorohexanoic acid (PFHxA)	13	0.97	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:16	AB
Perfluoroheptanoic acid (PFHpA)	5.7	0.97	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:16	AB
Perfluorooctanoic acid (PFOA)	19	0.97	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:16	AB
Perfluorononanoic acid (PFNA)	ND	0.97	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:16	AB
Perfluorodecanoic acid (PFDA)	ND	0.97	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:16	AB
Perfluoroundecanoic acid (PFUnA)	ND	0.97	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:16	AB
Perfluorododecanoic acid (PFDoA)	ND	0.97	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:16	AB
Perfluorotridecanoic acid (PFTrDA)	ND	0.97	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:16	AB
Perfluorotetradecanoic acid (PFTeDA)	ND	0.97	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:16	AB
Perfluorobutanesulfonic acid (PFBS)	5.2	0.97	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:16	AB
Perfluoropentanesulfonic acid (PFPeS)	ND	0.97	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:16	AB
Perfluorohexanesulfonic acid (PFHxS)	4.2	0.97	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:16	AB
Perfluoroheptanesulfonic acid (PFHpS)	ND	0.97	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:16	AB
Perfluorooctanesulfonic acid (PFOS)	5.9	0.97	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:16	AB
Perfluorononanesulfonic acid (PFNS)	ND	0.97	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:16	AB
Perfluorodecanesulfonic acid (PFDS)	ND	0.97	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:16	AB
Perfluorododecanesulfonic acid (PFDoS)	ND	0.97	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:16	AB
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:16	AB
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:16	AB
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:16	AB
Perfluorooctanesulfonamide (PFOSA)	ND	0.97	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:16	AB
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	0.97	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:16	AB
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	0.97	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:16	AB
N-MeFOSAA (NMeFOSAA)	ND	0.97	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:16	AB
N-EtFOSAA (NEtFOSAA)	ND	0.97	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:16	AB
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	9.7	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:16	AB
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	9.7	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:16	AB
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:16	AB
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:16	AB
9Cl-PF3ONS (F53B Minor)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:16	AB
11Cl-PF3OUdS (F53B Major)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:16	AB
3-Perfluoropropyl propanoic acid (FPPrPA) (3:3FTCA)	ND	9.7	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:16	AB
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	48	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:16	AB
3-Perfluoroheptyl propanoic acid (FHPrPA) (7:3FTCA)	ND	48	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:16	AB
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:16	AB
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	1.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:16	AB

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: EPA-MW-11D

Sampled: 10/23/2024 06:25

Sample ID: 24J4052-02

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	1.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:16	AB
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:16	AB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
13C4-PFBA	77.7	10-130						11/12/24 16:16	
13C5-PFPeA	70.6	35-150						11/12/24 16:16	
13C5-PFHxA	69.6	55-150						11/12/24 16:16	
13C4-PFHpA	73.1	55-150						11/12/24 16:16	
13C8-PFOA	79.6	60-140						11/12/24 16:16	
13C9-PFNA	73.9	55-140						11/12/24 16:16	
13C6-PFDA	74.6	50-140						11/12/24 16:16	
13C7-PFUnA	73.7	30-140						11/12/24 16:16	
13C2-PFD _o A	72.4	10-150						11/12/24 16:16	
13C2-PFTeDA	64.8	10-130						11/12/24 16:16	
13C3-PFBS	87.3	55-150						11/12/24 16:16	
13C3-PFHxS	74.6	55-150						11/12/24 16:16	
13C8-PFOS	78.2	45-140						11/12/24 16:16	
13C2-4:2FTS	102	60-200						11/12/24 16:16	
13C2-6:2FTS	80.0	60-200						11/12/24 16:16	
13C2-8:2FTS	71.0	50-200						11/12/24 16:16	
13C8-PFOA	68.6	30-130						11/12/24 16:16	
D3-NMeFOSA	64.7	15-130						11/12/24 16:16	
D5-NEtFOSA	66.8	10-130						11/12/24 16:16	
D3-NMeFOSAA	79.2	45-200						11/12/24 16:16	
D5-NEtFOSAA	77.7	10-200						11/12/24 16:16	
D7-NMeFOSE	70.7	10-150						11/12/24 16:16	
D9-NEtFOSE	69.2	10-150						11/12/24 16:16	
13C3-HFPO-DA	82.5	25-160						11/12/24 16:16	

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: EPA-MW-11D

Sampled: 10/23/2024 06:25

Sample ID: 24J4052-02

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	H-01	Draft Method 1633	11/4/24	11/4/24 13:50	LL

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: EPA-MW-21R

Sampled: 10/23/2024 11:14

Sample ID: 24J4052-03

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	11/4/24	11/4/24 12:32	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
Carbon Disulfide	ND	5.0	µg/L	1	L-04	SW-846 8260D	11/4/24	11/4/24 12:32	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	11/4/24	11/4/24 12:32	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: EPA-MW-21R

Sampled: 10/23/2024 11:14

Sample ID: 24J4052-03

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	11/4/24	11/4/24 12:32	EEH
Tetrachloroethylene	16	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:32	EEH
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		98.2	70-130					11/4/24 12:32	
Toluene-d8		95.2	70-130					11/4/24 12:32	
4-Bromofluorobenzene		90.1	70-130					11/4/24 12:32	

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: EPA-MW-21R

Sampled: 10/23/2024 11:14

Sample ID: 24J4052-03

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	5.0	4.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:32	AB
Perfluoropentanoic acid (PFPeA)	8.3	2.0	ng/L	1	PF-22	Draft Method 1633	11/8/24	11/12/24 16:32	AB
Perfluorohexanoic acid (PFHxA)	5.1	0.99	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:32	AB
Perfluoroheptanoic acid (PFHpA)	3.9	0.99	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:32	AB
Perfluorooctanoic acid (PFOA)	20	0.99	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:32	AB
Perfluorononanoic acid (PFNA)	2.8	0.99	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:32	AB
Perfluorodecanoic acid (PFDA)	ND	0.99	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:32	AB
Perfluoroundecanoic acid (PFUnA)	ND	0.99	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:32	AB
Perfluorododecanoic acid (PFDoA)	ND	0.99	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:32	AB
Perfluorotridecanoic acid (PFTrDA)	ND	0.99	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:32	AB
Perfluorotetradecanoic acid (PFTeDA)	ND	0.99	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:32	AB
Perfluorobutanesulfonic acid (PFBS)	8.0	0.99	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:32	AB
Perfluoropentanesulfonic acid (PFPeS)	ND	0.99	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:32	AB
Perfluorohexanesulfonic acid (PFHxS)	18	0.99	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:32	AB
Perfluoroheptanesulfonic acid (PFHpS)	1.2	0.99	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:32	AB
Perfluorooctanesulfonic acid (PFOS)	16	0.99	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:32	AB
Perfluorononanesulfonic acid (PFNS)	ND	0.99	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:32	AB
Perfluorodecanesulfonic acid (PFDS)	ND	0.99	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:32	AB
Perfluorododecanesulfonic acid (PFDoS)	ND	0.99	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:32	AB
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	4.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:32	AB
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	4.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:32	AB
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	4.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:32	AB
Perfluorooctanesulfonamide (PFOSA)	ND	0.99	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:32	AB
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	0.99	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:32	AB
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	0.99	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:32	AB
N-MeFOSAA (NMeFOSAA)	ND	0.99	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:32	AB
N-EtFOSAA (NEtFOSAA)	ND	0.99	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:32	AB
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	9.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:32	AB
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	9.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:32	AB
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	4.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:32	AB
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	ND	4.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:32	AB
9Cl-PF3ONS (F53B Minor)	ND	4.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:32	AB
11Cl-PF3OUdS (F53B Major)	ND	4.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:32	AB
3-Perfluoropropyl propanoic acid (FPPrPA) (3:3FTCA)	ND	9.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:32	AB
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	50	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:32	AB
3-Perfluoroheptyl propanoic acid (FHPrPA) (7:3FTCA)	ND	50	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:32	AB
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:32	AB
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	2.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:32	AB

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: EPA-MW-21R

Sampled: 10/23/2024 11:14

Sample ID: 24J4052-03

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	2.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:32	AB
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:32	AB
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
13C4-PFBA	63.7		10-130				11/12/24 16:32		
13C5-PFPeA	59.1		35-150				11/12/24 16:32		
13C5-PFHxA	65.1		55-150				11/12/24 16:32		
13C4-PFHpA	66.3		55-150				11/12/24 16:32		
13C8-PFOA	64.2		60-140				11/12/24 16:32		
13C9-PFNA	62.6		55-140				11/12/24 16:32		
13C6-PFDA	66.1		50-140				11/12/24 16:32		
13C7-PFUnA	67.7		30-140				11/12/24 16:32		
13C2-PFDoA	61.3		10-150				11/12/24 16:32		
13C2-PFTeDA	51.5		10-130				11/12/24 16:32		
13C3-PFBS	70.7		55-150				11/12/24 16:32		
13C3-PFHxS	66.7		55-150				11/12/24 16:32		
13C8-PFOS	64.7		45-140				11/12/24 16:32		
13C2-4:2FTS	177		60-200				11/12/24 16:32		
13C2-6:2FTS	138		60-200				11/12/24 16:32		
13C2-8:2FTS	98.4		50-200				11/12/24 16:32		
13C8-PFOSA	60.0		30-130				11/12/24 16:32		
D3-NMeFOSA	53.3		15-130				11/12/24 16:32		
D5-NEtFOSA	52.0		10-130				11/12/24 16:32		
D3-NMeFOSAA	74.4		45-200				11/12/24 16:32		
D5-NEtFOSAA	74.0		10-200				11/12/24 16:32		
D7-NMeFOSE	52.0		10-150				11/12/24 16:32		
D9-NEtFOSE	46.9		10-150				11/12/24 16:32		
13C3-HFPO-DA	66.8		25-160				11/12/24 16:32		

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: EPA-MW-21R

Sampled: 10/23/2024 11:14

Sample ID: 24J4052-03

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	68	10	mg/L	1	H-01	Draft Method 1633	11/4/24	11/4/24 13:50	LL

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Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: EPA-MW-23

Sampled: 10/23/2024 09:51

Sample ID: 24J4052-04

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	11/4/24	11/4/24 12:59	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
Carbon Disulfide	ND	5.0	µg/L	1	L-04	SW-846 8260D	11/4/24	11/4/24 12:59	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	11/4/24	11/4/24 12:59	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH

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Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: EPA-MW-23

Sampled: 10/23/2024 09:51

Sample ID: 24J4052-04

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	11/4/24	11/4/24 12:59	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 12:59	EEH
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		103		70-130				11/4/24 12:59	
Toluene-d8		96.7		70-130				11/4/24 12:59	
4-Bromofluorobenzene		86.2		70-130				11/4/24 12:59	

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Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: EPA-MW-23

Sampled: 10/23/2024 09:51

Sample ID: 24J4052-04

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)	12	3.8	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:47	AB
Perfluoropentanoic acid (PFPeA)	27	1.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:47	AB
Perfluorohexanoic acid (PFHxA)	17	0.94	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:47	AB
Perfluoroheptanoic acid (PFHpA)	9.6	0.94	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:47	AB
Perfluorooctanoic acid (PFOA)	21	0.94	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:47	AB
Perfluorononanoic acid (PFNA)	9.4	0.94	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:47	AB
Perfluorodecanoic acid (PFDA)	ND	0.94	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:47	AB
Perfluoroundecanoic acid (PFUnA)	ND	0.94	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:47	AB
Perfluorododecanoic acid (PFDoA)	ND	0.94	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:47	AB
Perfluorotridecanoic acid (PFTrDA)	ND	0.94	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:47	AB
Perfluorotetradecanoic acid (PFTeDA)	ND	0.94	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:47	AB
Perfluorobutanesulfonic acid (PFBS)	5.7	0.94	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:47	AB
Perfluoropentanesulfonic acid (PFPeS)	ND	0.94	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:47	AB
Perfluorohexanesulfonic acid (PFHxS)	7.4	0.94	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:47	AB
Perfluoroheptanesulfonic acid (PFHpS)	ND	0.94	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:47	AB
Perfluorooctanesulfonic acid (PFOS)	54	0.94	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:47	AB
Perfluorononanesulfonic acid (PFNS)	ND	0.94	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:47	AB
Perfluorodecanesulfonic acid (PFDS)	ND	0.94	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:47	AB
Perfluorododecanesulfonic acid (PFDoS)	ND	0.94	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:47	AB
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	3.8	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:47	AB
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	3.8	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:47	AB
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	3.8	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:47	AB
Perfluorooctanesulfonamide (PFOSA)	ND	0.94	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:47	AB
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	0.94	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:47	AB
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	0.94	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:47	AB
N-MeFOSAA (NMeFOSAA)	ND	0.94	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:47	AB
N-EtFOSAA (NEtFOSAA)	ND	0.94	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:47	AB
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	9.4	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:47	AB
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	9.4	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:47	AB
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	3.8	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:47	AB
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	ND	3.8	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:47	AB
9Cl-PF3ONS (F53B Minor)	ND	3.8	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:47	AB
11Cl-PF3OUdS (F53B Major)	ND	3.8	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:47	AB
3-Perfluoropropyl propanoic acid (FPPrPA) (3:3FTCA)	ND	9.4	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:47	AB
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	47	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:47	AB
3-Perfluoroheptyl propanoic acid (FHPrPA) (7:3FTCA)	ND	47	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:47	AB
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:47	AB
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	1.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:47	AB

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: EPA-MW-23

Sampled: 10/23/2024 09:51

Sample ID: 24J4052-04

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	11/8/24	11/12/24 16:47	AB
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 16:47	AB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
13C4-PFBA	75.7	10-130						11/12/24 16:47	
13C5-PFPeA	61.6	35-150						11/12/24 16:47	
13C5-PFHxA	62.3	55-150						11/12/24 16:47	
13C4-PFHpA	62.3	55-150						11/12/24 16:47	
13C8-PFOA	70.3	60-140						11/12/24 16:47	
13C9-PFNA	62.1	55-140						11/12/24 16:47	
13C6-PFDA	63.0	50-140						11/12/24 16:47	
13C7-PFUnA	58.7	30-140						11/12/24 16:47	
13C2-PFD _o A	59.6	10-150						11/12/24 16:47	
13C2-PFTeDA	51.5	10-130						11/12/24 16:47	
13C3-PFBS	75.0	55-150						11/12/24 16:47	
13C3-PFHxS	67.8	55-150						11/12/24 16:47	
13C8-PFOS	69.4	45-140						11/12/24 16:47	
13C2-4:2FTS	110	60-200						11/12/24 16:47	
13C2-6:2FTS	72.5	60-200						11/12/24 16:47	
13C2-8:2FTS	55.8	50-200						11/12/24 16:47	
13C8-PFOSA	62.4	30-130						11/12/24 16:47	
D3-NMeFOSA	55.2	15-130						11/12/24 16:47	
D5-NEtFOSA	58.8	10-130						11/12/24 16:47	
D3-NMeFOSAA	71.2	45-200						11/12/24 16:47	
D5-NEtFOSAA	65.6	10-200						11/12/24 16:47	
D7-NMeFOSE	58.2	10-150						11/12/24 16:47	
D9-NEtFOSE	56.8	10-150						11/12/24 16:47	
13C3-HFPO-DA	68.7	25-160						11/12/24 16:47	

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: EPA-MW-23

Sampled: 10/23/2024 09:51

Sample ID: 24J4052-04

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	70	10	mg/L	1	H-01	Draft Method 1633	11/4/24	11/4/24 13:50	LL

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: EPA-MW-26

Sampled: 10/23/2024 10:28

Sample ID: 24J4052-05

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	11/4/24	11/4/24 13:26	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
Carbon Disulfide	ND	5.0	µg/L	1	L-04	SW-846 8260D	11/4/24	11/4/24 13:26	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	11/4/24	11/4/24 13:26	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: EPA-MW-26

Sampled: 10/23/2024 10:28

Sample ID: 24J4052-05

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	11/4/24	11/4/24 13:26	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:26	EEH
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		103		70-130				11/4/24 13:26	
Toluene-d8		95.3		70-130				11/4/24 13:26	
4-Bromofluorobenzene		84.5		70-130				11/4/24 13:26	

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: EPA-MW-26

Sampled: 10/23/2024 10:28

Sample ID: 24J4052-05

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)	45	4.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:03	AB
Perfluoropentanoic acid (PFPeA)	160	2.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:03	AB
Perfluorohexanoic acid (PFHxA)	100	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:03	AB
Perfluoroheptanoic acid (PFHpA)	55	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:03	AB
Perfluorooctanoic acid (PFOA)	38	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:03	AB
Perfluorononanoic acid (PFNA)	18	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:03	AB
Perfluorodecanoic acid (PFDA)	1.6	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:03	AB
Perfluoroundecanoic acid (PFUnA)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:03	AB
Perfluorododecanoic acid (PFDoA)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:03	AB
Perfluorotridecanoic acid (PFTrDA)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:03	AB
Perfluorotetradecanoic acid (PFTeDA)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:03	AB
Perfluorobutanesulfonic acid (PFBS)	8.4	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:03	AB
Perfluoropentanesulfonic acid (PFPeS)	1.9	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:03	AB
Perfluorohexanesulfonic acid (PFHxS)	26	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:03	AB
Perfluoroheptanesulfonic acid (PFHpS)	1.4	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:03	AB
Perfluorooctanesulfonic acid (PFOS)	170	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:03	AB
Perfluorononanesulfonic acid (PFNS)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:03	AB
Perfluorodecanesulfonic acid (PFDS)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:03	AB
Perfluorododecanesulfonic acid (PFDoS)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:03	AB
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	4.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:03	AB
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	4.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:03	AB
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	4.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:03	AB
Perfluorooctanesulfonamide (PFOSA)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:03	AB
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:03	AB
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:03	AB
N-MeFOSAA (NMeFOSAA)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:03	AB
N-EtFOSAA (NEtFOSAA)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:03	AB
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	10	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:03	AB
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	10	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:03	AB
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	4.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:03	AB
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	ND	4.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:03	AB
9Cl-PF3ONS (F53B Minor)	ND	4.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:03	AB
11Cl-PF3OUdS (F53B Major)	ND	4.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:03	AB
3-Perfluoropropyl propanoic acid (FPPrPA) (3:3FTCA)	ND	10	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:03	AB
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	51	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:03	AB
3-Perfluoroheptyl propanoic acid (FHPrPA) (7:3FTCA)	ND	51	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:03	AB
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:03	AB
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	2.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:03	AB

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: EPA-MW-26

Sampled: 10/23/2024 10:28

Sample ID: 24J4052-05

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	2.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:03	AB
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:03	AB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
13C4-PFBA	68.3	10-130			11/12/24 17:03				
13C5-PFPeA	62.3	35-150			11/12/24 17:03				
13C5-PFHxA	63.8	55-150			11/12/24 17:03				
13C4-PFHpA	64.7	55-150			11/12/24 17:03				
13C8-PFOA	67.7	60-140			11/12/24 17:03				
13C9-PFNA	66.9	55-140			11/12/24 17:03				
13C6-PFDA	67.8	50-140			11/12/24 17:03				
13C7-PFUnA	68.0	30-140			11/12/24 17:03				
13C2-PFDoA	64.8	10-150			11/12/24 17:03				
13C2-PFTeDA	59.3	10-130			11/12/24 17:03				
13C3-PFBS	73.5	55-150			11/12/24 17:03				
13C3-PFHxS	66.0	55-150			11/12/24 17:03				
13C8-PFOS	65.8	45-140			11/12/24 17:03				
13C2-4:2FTS	104	60-200			11/12/24 17:03				
13C2-6:2FTS	76.8	60-200			11/12/24 17:03				
13C2-8:2FTS	62.3	50-200			11/12/24 17:03				
13C8-PFOA	61.5	30-130			11/12/24 17:03				
D3-NMeFOSA	59.9	15-130			11/12/24 17:03				
D5-NEtFOSA	61.1	10-130			11/12/24 17:03				
D3-NMeFOSAA	77.7	45-200			11/12/24 17:03				
D5-NEtFOSAA	74.9	10-200			11/12/24 17:03				
D7-NMeFOSE	64.1	10-150			11/12/24 17:03				
D9-NEtFOSE	62.2	10-150			11/12/24 17:03				
13C3-HFPO-DA	76.8	25-160			11/12/24 17:03				

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: EPA-MW-26

Sampled: 10/23/2024 10:28

Sample ID: 24J4052-05

Sample Matrix: Ground Water

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Total Suspended Solids	260	10	mg/L	1	H-01	Draft Method 1633	11/4/24	11/4/24 13:50	LL

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: EPA-MW-27

Sampled: 10/23/2024 10:57

Sample ID: 24J4052-06

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	11/4/24	11/4/24 13:53	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
Carbon Disulfide	ND	5.0	µg/L	1	L-04	SW-846 8260D	11/4/24	11/4/24 13:53	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	11/4/24	11/4/24 13:53	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: EPA-MW-27

Sampled: 10/23/2024 10:57

Sample ID: 24J4052-06

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	11/4/24	11/4/24 13:53	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 13:53	EEH
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		99.6		70-130				11/4/24 13:53	
Toluene-d8		94.4		70-130				11/4/24 13:53	
4-Bromofluorobenzene		87.9		70-130				11/4/24 13:53	

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Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: EPA-MW-27

Sampled: 10/23/2024 10:57

Sample ID: 24J4052-06

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)	7.3	3.7	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:19	AB
Perfluoropentanoic acid (PFPeA)	16	1.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:19	AB
Perfluorohexanoic acid (PFHxA)	18	0.93	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:19	AB
Perfluoroheptanoic acid (PFHpA)	7.3	0.93	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:19	AB
Perfluorooctanoic acid (PFOA)	20	0.93	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:19	AB
Perfluorononanoic acid (PFNA)	ND	0.93	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:19	AB
Perfluorodecanoic acid (PFDA)	ND	0.93	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:19	AB
Perfluoroundecanoic acid (PFUnA)	ND	0.93	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:19	AB
Perfluorododecanoic acid (PFDoA)	ND	0.93	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:19	AB
Perfluorotridecanoic acid (PFTrDA)	ND	0.93	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:19	AB
Perfluorotetradecanoic acid (PFTeDA)	ND	0.93	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:19	AB
Perfluorobutanesulfonic acid (PFBS)	4.9	0.93	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:19	AB
Perfluoropentanesulfonic acid (PFPeS)	ND	0.93	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:19	AB
Perfluorohexanesulfonic acid (PFHxS)	3.9	0.93	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:19	AB
Perfluoroheptanesulfonic acid (PFHpS)	ND	0.93	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:19	AB
Perfluorooctanesulfonic acid (PFOS)	6.5	0.93	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:19	AB
Perfluorononanesulfonic acid (PFNS)	ND	0.93	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:19	AB
Perfluorodecanesulfonic acid (PFDS)	ND	0.93	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:19	AB
Perfluorododecanesulfonic acid (PFDoS)	ND	0.93	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:19	AB
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	3.7	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:19	AB
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	3.7	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:19	AB
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	3.7	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:19	AB
Perfluorooctanesulfonamide (PFOSA)	ND	0.93	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:19	AB
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	0.93	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:19	AB
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	0.93	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:19	AB
N-MeFOSAA (NMeFOSAA)	ND	0.93	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:19	AB
N-EtFOSAA (NEtFOSAA)	ND	0.93	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:19	AB
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	9.3	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:19	AB
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	9.3	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:19	AB
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	3.7	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:19	AB
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	ND	3.7	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:19	AB
9Cl-PF3ONS (F53B Minor)	ND	3.7	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:19	AB
11Cl-PF3OUdS (F53B Major)	ND	3.7	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:19	AB
3-Perfluoropropyl propanoic acid (FPPrPA) (3:3FTCA)	ND	9.3	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:19	AB
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	46	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:19	AB
3-Perfluoroheptyl propanoic acid (FHPrPA) (7:3FTCA)	ND	46	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:19	AB
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:19	AB
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	1.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:19	AB

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: EPA-MW-27

Sampled: 10/23/2024 10:57

Sample ID: 24J4052-06

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	1.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:19	AB
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:19	AB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
13C4-PFBA	72.8	10-130			11/12/24 17:19				
13C5-PFPeA	64.9	35-150			11/12/24 17:19				
13C5-PFHxA	65.5	55-150			11/12/24 17:19				
13C4-PFHpA	63.3	55-150			11/12/24 17:19				
13C8-PFOA	69.2	60-140			11/12/24 17:19				
13C9-PFNA	64.8	55-140			11/12/24 17:19				
13C6-PFDA	64.9	50-140			11/12/24 17:19				
13C7-PFUnA	63.4	30-140			11/12/24 17:19				
13C2-PFDoA	61.5	10-150			11/12/24 17:19				
13C2-PFTeDA	56.4	10-130			11/12/24 17:19				
13C3-PFBS	78.0	55-150			11/12/24 17:19				
13C3-PFHxS	68.6	55-150			11/12/24 17:19				
13C8-PFOS	64.3	45-140			11/12/24 17:19				
13C2-4:2FTS	84.1	60-200			11/12/24 17:19				
13C2-6:2FTS	69.3	60-200			11/12/24 17:19				
13C2-8:2FTS	63.2	50-200			11/12/24 17:19				
13C8-PFOA	57.9	30-130			11/12/24 17:19				
D3-NMeFOSA	53.7	15-130			11/12/24 17:19				
D5-NEtFOSA	55.1	10-130			11/12/24 17:19				
D3-NMeFOSAA	70.6	45-200			11/12/24 17:19				
D5-NEtFOSAA	66.0	10-200			11/12/24 17:19				
D7-NMeFOSE	56.8	10-150			11/12/24 17:19				
D9-NEtFOSE	55.4	10-150			11/12/24 17:19				
13C3-HFPO-DA	71.7	25-160			11/12/24 17:19				

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: EPA-MW-27

Sampled: 10/23/2024 10:57

Sample ID: 24J4052-06

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	48	10	mg/L	1	H-01	Draft Method 1633	11/4/24	11/4/24 13:50	LL

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-11

Sampled: 10/23/2024 06:45

Sample ID: 24J4052-07

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	11/4/24	11/4/24 14:19	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
Carbon Disulfide	ND	5.0	µg/L	1	L-04	SW-846 8260D	11/4/24	11/4/24 14:19	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	11/4/24	11/4/24 14:19	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-11

Sampled: 10/23/2024 06:45

Sample ID: 24J4052-07

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	11/4/24	11/4/24 14:19	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:19	EEH
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		97.5		70-130				11/4/24 14:19	
Toluene-d8		87.2		70-130				11/4/24 14:19	
4-Bromofluorobenzene		83.1		70-130				11/4/24 14:19	

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Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-11

Sampled: 10/23/2024 06:45

Sample ID: 24J4052-07

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)	12	4.1	ng/L	1		Draft Method 1633	11/14/24	11/18/24 13:44	AMS
Perfluoropentanoic acid (PFPeA)	29	2.1	ng/L	1		Draft Method 1633	11/14/24	11/18/24 13:44	AMS
Perfluorohexanoic acid (PFHxA)	19	1.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 13:44	AMS
Perfluoroheptanoic acid (PFHpA)	5.9	1.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 13:44	AMS
Perfluorooctanoic acid (PFOA)	12	1.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 13:44	AMS
Perfluorononanoic acid (PFNA)	1.6	1.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 13:44	AMS
Perfluorodecanoic acid (PFDA)	ND	1.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 13:44	AMS
Perfluoroundecanoic acid (PFUnA)	ND	1.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 13:44	AMS
Perfluorododecanoic acid (PFDoA)	ND	1.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 13:44	AMS
Perfluorotridecanoic acid (PFTrDA)	ND	1.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 13:44	AMS
Perfluorotetradecanoic acid (PFTeDA)	ND	1.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 13:44	AMS
Perfluorobutanesulfonic acid (PFBS)	5.5	1.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 13:44	AMS
Perfluoropentanesulfonic acid (PFPeS)	ND	1.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 13:44	AMS
Perfluorohexanesulfonic acid (PFHxS)	2.4	1.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 13:44	AMS
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 13:44	AMS
Perfluorooctanesulfonic acid (PFOS)	14	1.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 13:44	AMS
Perfluorononanesulfonic acid (PFNS)	ND	1.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 13:44	AMS
Perfluorodecanesulfonic acid (PFDS)	ND	1.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 13:44	AMS
Perfluorododecanesulfonic acid (PFDoS)	ND	1.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 13:44	AMS
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	4.1	ng/L	1	PF-18	Draft Method 1633	11/14/24	11/18/24 13:44	AMS
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	4.1	ng/L	1	PF-18	Draft Method 1633	11/14/24	11/18/24 13:44	AMS
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	4.1	ng/L	1	PF-18	Draft Method 1633	11/14/24	11/18/24 13:44	AMS
Perfluorooctanesulfonamide (PFOSA)	ND	1.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 13:44	AMS
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	1.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 13:44	AMS
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	1.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 13:44	AMS
N-MeFOSAA (NMeFOSAA)	ND	1.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 13:44	AMS
N-EtFOSAA (NEtFOSAA)	ND	1.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 13:44	AMS
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	10	ng/L	1		Draft Method 1633	11/14/24	11/18/24 13:44	AMS
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	10	ng/L	1		Draft Method 1633	11/14/24	11/18/24 13:44	AMS
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	4.1	ng/L	1		Draft Method 1633	11/14/24	11/18/24 13:44	AMS
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	4.1	ng/L	1		Draft Method 1633	11/14/24	11/18/24 13:44	AMS
9Cl-PF3ONS (F53B Minor)	ND	4.1	ng/L	1		Draft Method 1633	11/14/24	11/18/24 13:44	AMS
11Cl-PF3OUdS (F53B Major)	ND	4.1	ng/L	1		Draft Method 1633	11/14/24	11/18/24 13:44	AMS
3-Perfluoropropyl propanoic acid (FPPrPA) (3:3FTCA)	ND	10	ng/L	1		Draft Method 1633	11/14/24	11/18/24 13:44	AMS
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	51	ng/L	1		Draft Method 1633	11/14/24	11/18/24 13:44	AMS
3-Perfluoroheptyl propanoic acid (FHPrPA) (7:3FTCA)	ND	51	ng/L	1		Draft Method 1633	11/14/24	11/18/24 13:44	AMS
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.1	ng/L	1		Draft Method 1633	11/14/24	11/18/24 13:44	AMS
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	2.1	ng/L	1		Draft Method 1633	11/14/24	11/18/24 13:44	AMS

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-11

Sampled: 10/23/2024 06:45

Sample ID: 24J4052-07

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	2.1	ng/L	1		Draft Method 1633	11/14/24	11/18/24 13:44	AMS
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.1	ng/L	1		Draft Method 1633	11/14/24	11/18/24 13:44	AMS
Surrogates	% Recovery	Recovery Limits			Flag/Qual				
13C4-PFBA	75.1	10-130						11/18/24 13:44	
13C5-PFPeA	74.6	35-150						11/18/24 13:44	
13C5-PFHxA	69.9	55-150						11/18/24 13:44	
13C4-PFHpA	72.2	55-150						11/18/24 13:44	
13C8-PFOA	71.6	60-140						11/18/24 13:44	
13C9-PFNA	73.9	55-140						11/18/24 13:44	
13C6-PFDA	72.4	50-140						11/18/24 13:44	
13C7-PFUnA	63.4	30-140						11/18/24 13:44	
13C2-PFDoA	59.6	10-150						11/18/24 13:44	
13C2-PFTeDA	50.3	10-130						11/18/24 13:44	
13C3-PFBS	80.9	55-150						11/18/24 13:44	
13C3-PFHxS	73.9	55-150						11/18/24 13:44	
13C8-PFOS	75.1	45-140						11/18/24 13:44	
13C2-4:2FTS	57.8	*	60-200			PF-18		11/18/24 13:44	
13C2-6:2FTS	52.8	*	60-200			PF-18		11/18/24 13:44	
13C2-8:2FTS	43.9	*	50-200			PF-18		11/18/24 13:44	
13C8-PFOSA	69.7	30-130						11/18/24 13:44	
D3-NMeFOSA	62.6	15-130						11/18/24 13:44	
D5-NEtFOSA	60.6	10-130						11/18/24 13:44	
D3-NMeFOSAA	88.6	45-200						11/18/24 13:44	
D5-NEtFOSAA	78.7	10-200						11/18/24 13:44	
D7-NMeFOSE	70.5	10-150						11/18/24 13:44	
D9-NEtFOSE	67.1	10-150						11/18/24 13:44	
13C3-HFPO-DA	80.8	25-160						11/18/24 13:44	

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-11

Sampled: 10/23/2024 06:45

Sample ID: 24J4052-07

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	3400	20	mg/L	1	H-01	Draft Method 1633	11/4/24	11/4/24 13:50	LL

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-12

Sampled: 10/23/2024 08:30

Sample ID: 24J4052-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
Bromodichloromethane	0.61	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
Carbon Disulfide	ND	5.0	µg/L	1	L-04	SW-846 8260D	11/4/24	11/4/24 14:46	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
Chlorodibromomethane	0.80	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	11/4/24	11/4/24 14:46	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-12

Sampled: 10/23/2024 08:30

Sample ID: 24J4052-08

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	11/4/24	11/4/24 14:46	EEH
Tetrachloroethylene	1.9	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 14:46	EEH
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		96.8	70-130					11/4/24 14:46	
Toluene-d8		92.3	70-130					11/4/24 14:46	
4-Bromofluorobenzene		87.0	70-130					11/4/24 14:46	

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Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-12

Sampled: 10/23/2024 08:30

Sample ID: 24J4052-08

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	4.9	4.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:50	AB
Perfluoropentanoic acid (PFPeA)	6.7	2.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:50	AB
Perfluorohexanoic acid (PFHxA)	7.7	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:50	AB
Perfluoroheptanoic acid (PFHpA)	6.5	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:50	AB
Perfluorooctanoic acid (PFOA)	16	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:50	AB
Perfluorononanoic acid (PFNA)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:50	AB
Perfluorodecanoic acid (PFDA)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:50	AB
Perfluoroundecanoic acid (PFUnA)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:50	AB
Perfluorododecanoic acid (PFDoA)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:50	AB
Perfluorotridecanoic acid (PFTrDA)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:50	AB
Perfluorotetradecanoic acid (PFTeDA)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:50	AB
Perfluorobutanesulfonic acid (PFBS)	3.1	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:50	AB
Perfluoropentanesulfonic acid (PFPeS)	1.1	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:50	AB
Perfluorohexanesulfonic acid (PFHxS)	4.7	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:50	AB
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:50	AB
Perfluorooctanesulfonic acid (PFOS)	5.3	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:50	AB
Perfluorononanesulfonic acid (PFNS)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:50	AB
Perfluorodecanesulfonic acid (PFDS)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:50	AB
Perfluorododecanesulfonic acid (PFDoS)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:50	AB
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	4.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:50	AB
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	4.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:50	AB
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	4.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:50	AB
Perfluorooctanesulfonamide (PFOSA)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:50	AB
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:50	AB
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:50	AB
N-MeFOSAA (NMeFOSAA)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:50	AB
N-EtFOSAA (NEtFOSAA)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:50	AB
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	10	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:50	AB
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	10	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:50	AB
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	4.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:50	AB
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	ND	4.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:50	AB
9Cl-PF3ONS (F53B Minor)	ND	4.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:50	AB
11Cl-PF3OUdS (F53B Major)	ND	4.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:50	AB
3-Perfluoropropyl propanoic acid (FPPrPA) (3:3FTCA)	ND	10	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:50	AB
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	50	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:50	AB
3-Perfluoroheptyl propanoic acid (FHPrPA) (7:3FTCA)	ND	50	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:50	AB
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:50	AB
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	2.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:50	AB

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-12

Sampled: 10/23/2024 08:30

Sample ID: 24J4052-08

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	2.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:50	AB
Nonfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 17:50	AB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
13C4-PFBA	78.8	10-130			11/12/24 17:50				
13C5-PFPeA	66.6	35-150			11/12/24 17:50				
13C5-PFHxA	65.7	55-150			11/12/24 17:50				
13C4-PFHpA	65.1	55-150			11/12/24 17:50				
13C8-PFOA	73.2	60-140			11/12/24 17:50				
13C9-PFNA	68.6	55-140			11/12/24 17:50				
13C6-PFDA	73.5	50-140			11/12/24 17:50				
13C7-PFUnA	70.1	30-140			11/12/24 17:50				
13C2-PFDoA	74.1	10-150			11/12/24 17:50				
13C2-PFTeDA	67.0	10-130			11/12/24 17:50				
13C3-PFBS	78.2	55-150			11/12/24 17:50				
13C3-PFHxS	66.2	55-150			11/12/24 17:50				
13C8-PFOS	66.3	45-140			11/12/24 17:50				
13C2-4:2FTS	96.1	60-200			11/12/24 17:50				
13C2-6:2FTS	76.1	60-200			11/12/24 17:50				
13C2-8:2FTS	64.7	50-200			11/12/24 17:50				
13C8-PFOSA	62.0	30-130			11/12/24 17:50				
D3-NMeFOSA	59.0	15-130			11/12/24 17:50				
D5-NEtFOSA	60.2	10-130			11/12/24 17:50				
D3-NMeFOSAA	74.3	45-200			11/12/24 17:50				
D5-NEtFOSAA	73.2	10-200			11/12/24 17:50				
D7-NMeFOSE	64.0	10-150			11/12/24 17:50				
D9-NEtFOSE	63.4	10-150			11/12/24 17:50				
13C3-HFPO-DA	76.4	25-160			11/12/24 17:50				

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Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-12

Sampled: 10/23/2024 08:30

Sample ID: 24J4052-08

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	2400	17	mg/L	1	H-01	Draft Method 1633	11/4/24	11/4/24 13:50	LL

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Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-13

Sampled: 10/23/2024 09:32

Sample ID: 24J4052-09

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	11/4/24	11/4/24 15:13	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
Carbon Disulfide	ND	5.0	µg/L	1	L-04	SW-846 8260D	11/4/24	11/4/24 15:13	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	11/4/24	11/4/24 15:13	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-13

Sampled: 10/23/2024 09:32

Sample ID: 24J4052-09

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	11/4/24	11/4/24 15:13	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:13	EEH
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		93.7	70-130					11/4/24 15:13	
Toluene-d8		97.7	70-130					11/4/24 15:13	
4-Bromofluorobenzene		80.4	70-130					11/4/24 15:13	

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Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-13

Sampled: 10/23/2024 09:32

Sample ID: 24J4052-09

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)	6.5	4.2	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:06	AB
Perfluoropentanoic acid (PFPeA)	13	2.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:06	AB
Perfluorohexanoic acid (PFHxA)	11	1.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:06	AB
Perfluoroheptanoic acid (PFHpA)	4.6	1.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:06	AB
Perfluorooctanoic acid (PFOA)	15	1.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:06	AB
Perfluorononanoic acid (PFNA)	ND	1.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:06	AB
Perfluorodecanoic acid (PFDA)	ND	1.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:06	AB
Perfluoroundecanoic acid (PFUnA)	ND	1.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:06	AB
Perfluorododecanoic acid (PFDoA)	ND	1.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:06	AB
Perfluorotridecanoic acid (PFTrDA)	ND	1.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:06	AB
Perfluorotetradecanoic acid (PFTeDA)	ND	1.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:06	AB
Perfluorobutanesulfonic acid (PFBS)	6.0	1.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:06	AB
Perfluoropentanesulfonic acid (PFPeS)	ND	1.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:06	AB
Perfluorohexanesulfonic acid (PFHxS)	3.4	1.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:06	AB
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:06	AB
Perfluorooctanesulfonic acid (PFOS)	ND	1.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:06	AB
Perfluorononanesulfonic acid (PFNS)	ND	1.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:06	AB
Perfluorodecanesulfonic acid (PFDS)	ND	1.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:06	AB
Perfluorododecanesulfonic acid (PFDoS)	ND	1.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:06	AB
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	4.2	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:06	AB
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	4.2	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:06	AB
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	4.2	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:06	AB
Perfluorooctanesulfonamide (PFOSA)	ND	1.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:06	AB
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	1.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:06	AB
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	1.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:06	AB
N-MeFOSAA (NMeFOSAA)	ND	1.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:06	AB
N-EtFOSAA (NEtFOSAA)	ND	1.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:06	AB
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	11	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:06	AB
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	11	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:06	AB
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	4.2	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:06	AB
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	ND	4.2	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:06	AB
9Cl-PF3ONS (F53B Minor)	ND	4.2	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:06	AB
11Cl-PF3OUdS (F53B Major)	ND	4.2	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:06	AB
3-Perfluoropropyl propanoic acid (FPPrPA) (3:3FTCA)	ND	11	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:06	AB
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	53	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:06	AB
3-Perfluoroheptyl propanoic acid (FHPrPA) (7:3FTCA)	ND	53	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:06	AB
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:06	AB
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	2.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:06	AB

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-13

Sampled: 10/23/2024 09:32

Sample ID: 24J4052-09

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	2.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:06	AB
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:06	AB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
13C4-PFBA	82.6	10-130			11/12/24 18:06				
13C5-PFPeA	71.1	35-150			11/12/24 18:06				
13C5-PFHxA	71.2	55-150			11/12/24 18:06				
13C4-PFHpA	71.7	55-150			11/12/24 18:06				
13C8-PFOA	74.1	60-140			11/12/24 18:06				
13C9-PFNA	72.0	55-140			11/12/24 18:06				
13C6-PFDA	68.5	50-140			11/12/24 18:06				
13C7-PFUnA	60.9	30-140			11/12/24 18:06				
13C2-PFDoA	58.6	10-150			11/12/24 18:06				
13C2-PFTeDA	48.1	10-130			11/12/24 18:06				
13C3-PFBS	86.1	55-150			11/12/24 18:06				
13C3-PFHxS	76.6	55-150			11/12/24 18:06				
13C8-PFOS	69.0	45-140			11/12/24 18:06				
13C2-4:2FTS	93.6	60-200			11/12/24 18:06				
13C2-6:2FTS	84.0	60-200			11/12/24 18:06				
13C2-8:2FTS	67.4	50-200			11/12/24 18:06				
13C8-PFOA	62.2	30-130			11/12/24 18:06				
D3-NMeFOSA	53.2	15-130			11/12/24 18:06				
D5-NEtFOSA	52.8	10-130			11/12/24 18:06				
D3-NMeFOSAA	69.6	45-200			11/12/24 18:06				
D5-NEtFOSAA	66.1	10-200			11/12/24 18:06				
D7-NMeFOSE	52.6	10-150			11/12/24 18:06				
D9-NEtFOSE	51.1	10-150			11/12/24 18:06				
13C3-HFPO-DA	82.8	25-160			11/12/24 18:06				

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Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-13

Sampled: 10/23/2024 09:32

Sample ID: 24J4052-09

Sample Matrix: Ground Water

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

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Total Suspended Solids	3100	14	mg/L	1	H-01	Draft Method 1633	11/4/24	11/4/24 13:50	LL

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-14

Sampled: 10/23/2024 10:48

Sample ID: 24J4052-10

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	11/4/24	11/4/24 15:39	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
Carbon Disulfide	ND	5.0	µg/L	1	L-04	SW-846 8260D	11/4/24	11/4/24 15:39	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
1,1-Dichloroethylene	1.6	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	11/4/24	11/4/24 15:39	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-14

Sampled: 10/23/2024 10:48

Sample ID: 24J4052-10

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	11/4/24	11/4/24 15:39	EEH
Tetrachloroethylene	1.2	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 15:39	EEH
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		103	70-130					11/4/24 15:39	
Toluene-d8		95.7	70-130					11/4/24 15:39	
4-Bromofluorobenzene		86.7	70-130					11/4/24 15:39	

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-14

Sampled: 10/23/2024 10:48

Sample ID: 24J4052-10

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	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:21	AB
Perfluoropentanoic acid (PFPeA)	7.3	2.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:21	AB
Perfluorohexanoic acid (PFHxA)	5.7	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:21	AB
Perfluoroheptanoic acid (PFHpA)	3.8	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:21	AB
Perfluorooctanoic acid (PFOA)	8.2	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:21	AB
Perfluorononanoic acid (PFNA)	ND	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:21	AB
Perfluorodecanoic acid (PFDA)	ND	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:21	AB
Perfluoroundecanoic acid (PFUnA)	ND	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:21	AB
Perfluorododecanoic acid (PFDoA)	ND	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:21	AB
Perfluorotridecanoic acid (PFTrDA)	ND	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:21	AB
Perfluorotetradecanoic acid (PFTeDA)	ND	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:21	AB
Perfluorobutanesulfonic acid (PFBS)	1.7	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:21	AB
Perfluoropentanesulfonic acid (PFPeS)	ND	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:21	AB
Perfluorohexanesulfonic acid (PFHxS)	3.2	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:21	AB
Perfluoroheptanesulfonic acid (PFHpS)	ND	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:21	AB
Perfluorooctanesulfonic acid (PFOS)	3.4	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:21	AB
Perfluorononanesulfonic acid (PFNS)	ND	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:21	AB
Perfluorodecanesulfonic acid (PFDS)	ND	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:21	AB
Perfluorododecanesulfonic acid (PFDoS)	ND	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:21	AB
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:21	AB
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:21	AB
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:21	AB
Perfluorooctanesulfonamide (PFOSA)	ND	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:21	AB
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:21	AB
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:21	AB
N-MeFOSAA (NMeFOSAA)	ND	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:21	AB
N-EtFOSAA (NEtFOSAA)	ND	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:21	AB
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	9.8	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:21	AB
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	9.8	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:21	AB
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:21	AB
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:21	AB
9Cl-PF3ONS (F53B Minor)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:21	AB
11Cl-PF3OUdS (F53B Major)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:21	AB
3-Perfluoropropyl propanoic acid (FPPrPA) (3:3FTCA)	ND	9.8	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:21	AB
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	49	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:21	AB
3-Perfluoroheptyl propanoic acid (FHPrPA) (7:3FTCA)	ND	49	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:21	AB
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:21	AB
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	2.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:21	AB

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Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-14

Sampled: 10/23/2024 10:48

Sample ID: 24J4052-10

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	2.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:21	AB
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 18:21	AB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
13C4-PFBA	67.8	10-130			11/12/24 18:21				
13C5-PFPeA	60.8	35-150			11/12/24 18:21				
13C5-PFHxA	59.6	55-150			11/12/24 18:21				
13C4-PFHpA	60.1	55-150			11/12/24 18:21				
13C8-PFOA	64.2	60-140			11/12/24 18:21				
13C9-PFNA	60.7	55-140			11/12/24 18:21				
13C6-PFDA	59.2	50-140			11/12/24 18:21				
13C7-PFUnA	55.3	30-140			11/12/24 18:21				
13C2-PFD _o A	59.7	10-150			11/12/24 18:21				
13C2-PFTeDA	50.2	10-130			11/12/24 18:21				
13C3-PFBS	69.9	55-150			11/12/24 18:21				
13C3-PFHxS	61.8	55-150			11/12/24 18:21				
13C8-PFOS	62.4	45-140			11/12/24 18:21				
13C2-4:2FTS	72.6	60-200			11/12/24 18:21				
13C2-6:2FTS	63.8	60-200			11/12/24 18:21				
13C2-8:2FTS	54.8	50-200			11/12/24 18:21				
13C8-PFOA	57.6	30-130			11/12/24 18:21				
D3-NMeFOSA	53.7	15-130			11/12/24 18:21				
D5-NEtFOSA	53.7	10-130			11/12/24 18:21				
D3-NMeFOSAA	67.3	45-200			11/12/24 18:21				
D5-NEtFOSAA	62.9	10-200			11/12/24 18:21				
D7-NMeFOSE	53.4	10-150			11/12/24 18:21				
D9-NEtFOSE	52.4	10-150			11/12/24 18:21				
13C3-HFPO-DA	71.2	25-160			11/12/24 18:21				

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Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-14

Sampled: 10/23/2024 10:48

Sample ID: 24J4052-10

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	1900	14	mg/L	1	H-01	Draft Method 1633	11/4/24	11/4/24 13:50	LL

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Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-15

Sampled: 10/23/2024 09:11

Sample ID: 24J4052-11

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
Carbon Disulfide	ND	5.0	µg/L	1	L-04	SW-846 8260D	11/4/24	11/4/24 16:06	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	11/4/24	11/4/24 16:06	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-15

Sampled: 10/23/2024 09:11

Sample ID: 24J4052-11

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	11/4/24	11/4/24 16:06	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:06	EEH
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		102	70-130					11/4/24 16:06	
Toluene-d8		96.0	70-130					11/4/24 16:06	
4-Bromofluorobenzene		81.8	70-130					11/4/24 16:06	

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Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-15

Sampled: 10/23/2024 09:11

Sample ID: 24J4052-11

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)	7.8	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:08	AB
Perfluoropentanoic acid (PFPeA)	21	2.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:08	AB
Perfluorohexanoic acid (PFHxA)	12	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:08	AB
Perfluoroheptanoic acid (PFHpA)	16	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:08	AB
Perfluorooctanoic acid (PFOA)	7.8	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:08	AB
Perfluorononanoic acid (PFNA)	1.3	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:08	AB
Perfluorodecanoic acid (PFDA)	ND	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:08	AB
Perfluoroundecanoic acid (PFUnA)	ND	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:08	AB
Perfluorododecanoic acid (PFDoA)	ND	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:08	AB
Perfluorotridecanoic acid (PFTrDA)	ND	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:08	AB
Perfluorotetradecanoic acid (PFTeDA)	ND	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:08	AB
Perfluorobutanesulfonic acid (PFBS)	1.6	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:08	AB
Perfluoropentanesulfonic acid (PFPeS)	ND	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:08	AB
Perfluorohexanesulfonic acid (PFHxS)	2.0	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:08	AB
Perfluoroheptanesulfonic acid (PFHpS)	ND	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:08	AB
Perfluorooctanesulfonic acid (PFOS)	1.3	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:08	AB
Perfluorononanesulfonic acid (PFNS)	ND	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:08	AB
Perfluorodecanesulfonic acid (PFDS)	ND	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:08	AB
Perfluorododecanesulfonic acid (PFDoS)	ND	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:08	AB
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:08	AB
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:08	AB
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:08	AB
Perfluorooctanesulfonamide (PFOSA)	ND	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:08	AB
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:08	AB
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:08	AB
N-MeFOSAA (NMeFOSAA)	ND	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:08	AB
N-EtFOSAA (NEtFOSAA)	ND	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:08	AB
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	9.8	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:08	AB
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	9.8	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:08	AB
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:08	AB
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:08	AB
9Cl-PF3ONS (F53B Minor)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:08	AB
11Cl-PF3OUdS (F53B Major)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:08	AB
3-Perfluoropropyl propanoic acid (FPPrPA) (3:3FTCA)	ND	9.8	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:08	AB
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	49	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:08	AB
3-Perfluoroheptyl propanoic acid (FHPrPA) (7:3FTCA)	ND	49	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:08	AB
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:08	AB
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	2.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:08	AB

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-15

Sampled: 10/23/2024 09:11

Sample ID: 24J4052-11

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	2.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:08	AB
Nonfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:08	AB
Surrogates	% Recovery	Recovery Limits			Flag/Qual				
13C4-PFBA	71.3	10-130						11/12/24 19:08	
13C5-PFPeA	62.1	35-150						11/12/24 19:08	
13C5-PFHxA	64.6	55-150						11/12/24 19:08	
13C4-PFHpA	64.5	55-150						11/12/24 19:08	
13C8-PFOA	67.3	60-140						11/12/24 19:08	
13C9-PFNA	64.0	55-140						11/12/24 19:08	
13C6-PFDA	66.2	50-140						11/12/24 19:08	
13C7-PFUnA	65.4	30-140						11/12/24 19:08	
13C2-PFD _o A	60.8	10-150						11/12/24 19:08	
13C2-PFTeDA	55.1	10-130						11/12/24 19:08	
13C3-PFBS	76.6	55-150						11/12/24 19:08	
13C3-PFHxS	71.1	55-150						11/12/24 19:08	
13C8-PFOS	64.7	45-140						11/12/24 19:08	
13C2-4:2FTS	123	60-200						11/12/24 19:08	
13C2-6:2FTS	96.5	60-200						11/12/24 19:08	
13C2-8:2FTS	64.2	50-200						11/12/24 19:08	
13C8-PFOSA	56.1	30-130						11/12/24 19:08	
D3-NMeFOSA	47.8	15-130						11/12/24 19:08	
D5-NEtFOSA	48.0	10-130						11/12/24 19:08	
D3-NMeFOSAA	69.9	45-200						11/12/24 19:08	
D5-NEtFOSAA	68.8	10-200						11/12/24 19:08	
D7-NMeFOSE	50.1	10-150						11/12/24 19:08	
D9-NEtFOSE	48.5	10-150						11/12/24 19:08	
13C3-HFPO-DA	67.9	25-160						11/12/24 19:08	

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Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-15

Sampled: 10/23/2024 09:11

Sample ID: 24J4052-11

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	180	10	mg/L	1	H-01	Draft Method 1633	11/4/24	11/4/24 13:50	LL

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Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-16

Sampled: 10/23/2024 10:09

Sample ID: 24J4052-12

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	ND	50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
Carbon Disulfide	ND	5.0	µg/L	1	L-04	SW-846 8260D	11/4/24	11/4/24 16:33	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
Naphthalene	ND	2.0	µg/L	1	MS-09, V-05	SW-846 8260D	11/4/24	11/4/24 16:33	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH

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Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-16

Sampled: 10/23/2024 10:09

Sample ID: 24J4052-12

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	11/4/24	11/4/24 16:33	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	MS-09	SW-846 8260D	11/4/24	11/4/24 16:33	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 16:33	EEH
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		105	70-130					11/4/24 16:33	
Toluene-d8		95.7	70-130					11/4/24 16:33	
4-Bromofluorobenzene		82.3	70-130					11/4/24 16:33	

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Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-16

Sampled: 10/23/2024 10:09

Sample ID: 24J4052-12

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)	7.3	4.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:24	AB
Perfluoropentanoic acid (PFPeA)	18	2.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:24	AB
Perfluorohexanoic acid (PFHxA)	13	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:24	AB
Perfluoroheptanoic acid (PFHpA)	7.4	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:24	AB
Perfluorooctanoic acid (PFOA)	20	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:24	AB
Perfluorononanoic acid (PFNA)	2.8	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:24	AB
Perfluorodecanoic acid (PFDA)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:24	AB
Perfluoroundecanoic acid (PFUnA)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:24	AB
Perfluorododecanoic acid (PFDoA)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:24	AB
Perfluorotridecanoic acid (PFTrDA)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:24	AB
Perfluorotetradecanoic acid (PFTeDA)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:24	AB
Perfluorobutanesulfonic acid (PFBS)	4.8	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:24	AB
Perfluoropentanesulfonic acid (PFPeS)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:24	AB
Perfluorohexanesulfonic acid (PFHxS)	6.3	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:24	AB
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:24	AB
Perfluorooctanesulfonic acid (PFOS)	25	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:24	AB
Perfluorononanesulfonic acid (PFNS)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:24	AB
Perfluorodecanesulfonic acid (PFDS)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:24	AB
Perfluorododecanesulfonic acid (PFDoS)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:24	AB
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	4.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:24	AB
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	4.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:24	AB
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	4.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:24	AB
Perfluorooctanesulfonamide (PFOSA)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:24	AB
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:24	AB
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:24	AB
N-MeFOSAA (NMeFOSAA)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:24	AB
N-EtFOSAA (NEtFOSAA)	ND	1.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:24	AB
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	10	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:24	AB
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	10	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:24	AB
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	4.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:24	AB
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	ND	4.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:24	AB
9Cl-PF3ONS (F53B Minor)	ND	4.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:24	AB
11Cl-PF3OUdS (F53B Major)	ND	4.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:24	AB
3-Perfluoropropyl propanoic acid (FPPrPA) (3:3FTCA)	ND	10	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:24	AB
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	50	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:24	AB
3-Perfluoroheptyl propanoic acid (FHPrPA) (7:3FTCA)	ND	50	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:24	AB
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:24	AB
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	2.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:24	AB

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Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-16

Sampled: 10/23/2024 10:09

Sample ID: 24J4052-12

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	2.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:24	AB
Nonfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:24	AB
Surrogates	% Recovery	Recovery Limits			Flag/Qual				
13C4-PFBA	64.1	10-130						11/12/24 19:24	
13C5-PFPeA	60.2	35-150						11/12/24 19:24	
13C5-PFHxA	64.6	55-150						11/12/24 19:24	
13C4-PFHpA	65.4	55-150						11/12/24 19:24	
13C8-PFOA	66.9	60-140						11/12/24 19:24	
13C9-PFNA	62.5	55-140						11/12/24 19:24	
13C6-PFDA	69.2	50-140						11/12/24 19:24	
13C7-PFUnA	63.6	30-140						11/12/24 19:24	
13C2-PFD _o A	61.8	10-150						11/12/24 19:24	
13C2-PFTeDA	56.4	10-130						11/12/24 19:24	
13C3-PFBS	74.1	55-150						11/12/24 19:24	
13C3-PFHxS	64.7	55-150						11/12/24 19:24	
13C8-PFOS	66.1	45-140						11/12/24 19:24	
13C2-4:2FTS	147	60-200						11/12/24 19:24	
13C2-6:2FTS	93.8	60-200						11/12/24 19:24	
13C2-8:2FTS	64.3	50-200						11/12/24 19:24	
13C8-PFOSA	55.7	30-130						11/12/24 19:24	
D3-NMeFOSA	49.2	15-130						11/12/24 19:24	
D5-NEtFOSA	49.4	10-130						11/12/24 19:24	
D3-NMeFOSAA	69.9	45-200						11/12/24 19:24	
D5-NEtFOSAA	64.7	10-200						11/12/24 19:24	
D7-NMeFOSE	52.3	10-150						11/12/24 19:24	
D9-NEtFOSE	50.3	10-150						11/12/24 19:24	
13C3-HFPO-DA	66.7	25-160						11/12/24 19:24	

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-16

Sampled: 10/23/2024 10:09

Sample ID: 24J4052-12

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	1500	10	mg/L	1	H-01	Draft Method 1633	11/4/24	11/4/24 13:50	LL

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Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-17

Sampled: 10/23/2024 08:12

Sample ID: 24J4052-13

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	11/4/24	11/4/24 17:00	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
Carbon Disulfide	ND	5.0	µg/L	1	L-04	SW-846 8260D	11/4/24	11/4/24 17:00	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	11/4/24	11/4/24 17:00	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH

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Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-17

Sampled: 10/23/2024 08:12

Sample ID: 24J4052-13

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	11/4/24	11/4/24 17:00	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:00	EEH
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		107		70-130				11/4/24 17:00	
Toluene-d8		93.8		70-130				11/4/24 17:00	
4-Bromofluorobenzene		82.4		70-130				11/4/24 17:00	

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Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-17

Sampled: 10/23/2024 08:12

Sample ID: 24J4052-13

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)	7.0	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:40	AB
Perfluoropentanoic acid (PFPeA)	11	2.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:40	AB
Perfluorohexanoic acid (PFHxA)	9.1	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:40	AB
Perfluoroheptanoic acid (PFHpA)	7.1	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:40	AB
Perfluorooctanoic acid (PFOA)	22	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:40	AB
Perfluorononanoic acid (PFNA)	0.99	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:40	AB
Perfluorodecanoic acid (PFDA)	ND	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:40	AB
Perfluoroundecanoic acid (PFUnA)	ND	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:40	AB
Perfluorododecanoic acid (PFDoA)	ND	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:40	AB
Perfluorotridecanoic acid (PFTrDA)	ND	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:40	AB
Perfluorotetradecanoic acid (PFTeDA)	ND	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:40	AB
Perfluorobutanesulfonic acid (PFBS)	4.8	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:40	AB
Perfluoropentanesulfonic acid (PFPeS)	ND	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:40	AB
Perfluorohexanesulfonic acid (PFHxS)	4.0	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:40	AB
Perfluoroheptanesulfonic acid (PFHpS)	ND	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:40	AB
Perfluorooctanesulfonic acid (PFOS)	13	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:40	AB
Perfluorononanesulfonic acid (PFNS)	ND	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:40	AB
Perfluorodecanesulfonic acid (PFDS)	ND	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:40	AB
Perfluorododecanesulfonic acid (PFDoS)	ND	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:40	AB
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:40	AB
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:40	AB
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:40	AB
Perfluorooctanesulfonamide (PFOSA)	ND	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:40	AB
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:40	AB
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:40	AB
N-MeFOSAA (NMeFOSAA)	ND	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:40	AB
N-EtFOSAA (NEtFOSAA)	ND	0.98	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:40	AB
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	9.8	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:40	AB
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	9.8	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:40	AB
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:40	AB
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:40	AB
9Cl-PF3ONS (F53B Minor)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:40	AB
11Cl-PF3OUdS (F53B Major)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:40	AB
3-Perfluoropropyl propanoic acid (FPPrPA) (3:3FTCA)	ND	9.8	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:40	AB
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	49	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:40	AB
3-Perfluoroheptyl propanoic acid (FHPrPA) (7:3FTCA)	ND	49	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:40	AB
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:40	AB
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	2.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:40	AB

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Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-17

Sampled: 10/23/2024 08:12

Sample ID: 24J4052-13

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	2.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:40	AB
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:40	AB
Surrogates	% Recovery	Recovery Limits			Flag/Qual				
13C4-PFBA	70.4	10-130						11/12/24 19:40	
13C5-PFPeA	64.5	35-150						11/12/24 19:40	
13C5-PFHxA	65.5	55-150						11/12/24 19:40	
13C4-PFHpA	64.5	55-150						11/12/24 19:40	
13C8-PFOA	72.5	60-140						11/12/24 19:40	
13C9-PFNA	66.5	55-140						11/12/24 19:40	
13C6-PFDA	68.6	50-140						11/12/24 19:40	
13C7-PFUnA	68.6	30-140						11/12/24 19:40	
13C2-PFDoA	63.3	10-150						11/12/24 19:40	
13C2-PFTeDA	54.8	10-130						11/12/24 19:40	
13C3-PFBS	79.6	55-150						11/12/24 19:40	
13C3-PFHxS	74.8	55-150						11/12/24 19:40	
13C8-PFOS	66.5	45-140						11/12/24 19:40	
13C2-4:2FTS	92.6	60-200						11/12/24 19:40	
13C2-6:2FTS	70.7	60-200						11/12/24 19:40	
13C2-8:2FTS	64.8	50-200						11/12/24 19:40	
13C8-PFOSA	62.8	30-130						11/12/24 19:40	
D3-NMeFOSA	55.9	15-130						11/12/24 19:40	
D5-NEtFOSA	53.6	10-130						11/12/24 19:40	
D3-NMeFOSAA	76.4	45-200						11/12/24 19:40	
D5-NEtFOSAA	68.6	10-200						11/12/24 19:40	
D7-NMeFOSE	60.2	10-150						11/12/24 19:40	
D9-NEtFOSE	58.0	10-150						11/12/24 19:40	
13C3-HFPO-DA	74.1	25-160						11/12/24 19:40	

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Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-17

Sampled: 10/23/2024 08:12

Sample ID: 24J4052-13

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	620	10	mg/L	1	H-01	Draft Method 1633	11/4/24	11/4/24 13:50	LL

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-18

Sampled: 10/23/2024 08:49

Sample ID: 24J4052-14

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	ND	50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
Carbon Disulfide	ND	5.0	µg/L	1	L-04	SW-846 8260D	11/4/24	11/4/24 17:26	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	11/4/24	11/4/24 17:26	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-18

Sampled: 10/23/2024 08:49

Sample ID: 24J4052-14

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	11/4/24	11/4/24 17:26	EEH
Tetrachloroethylene	12	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:26	EEH
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		106	70-130					11/4/24 17:26	
Toluene-d8		97.8	70-130					11/4/24 17:26	
4-Bromofluorobenzene		82.7	70-130					11/4/24 17:26	

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Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-18

Sampled: 10/23/2024 08:49

Sample ID: 24J4052-14

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)	5.1	3.8	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:55	AB
Perfluoropentanoic acid (PFPeA)	14	1.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:55	AB
Perfluorohexanoic acid (PFHxA)	9.7	0.95	ng/L	1	S-29	Draft Method 1633	11/8/24	11/12/24 19:55	AB
Perfluoroheptanoic acid (PFHpA)	7.1	0.95	ng/L	1	S-29	Draft Method 1633	11/8/24	11/12/24 19:55	AB
Perfluorooctanoic acid (PFOA)	15	0.95	ng/L	1	S-29	Draft Method 1633	11/8/24	11/12/24 19:55	AB
Perfluorononanoic acid (PFNA)	1.7	0.95	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:55	AB
Perfluorodecanoic acid (PFDA)	1.7	0.95	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:55	AB
Perfluoroundecanoic acid (PFUnA)	ND	0.95	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:55	AB
Perfluorododecanoic acid (PFDoA)	ND	0.95	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:55	AB
Perfluorotridecanoic acid (PFTrDA)	ND	0.95	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:55	AB
Perfluorotetradecanoic acid (PFTeDA)	ND	0.95	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:55	AB
Perfluorobutanesulfonic acid (PFBS)	2.2	0.95	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:55	AB
Perfluoropentanesulfonic acid (PFPeS)	1.0	0.95	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:55	AB
Perfluorohexanesulfonic acid (PFHxS)	3.9	0.95	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:55	AB
Perfluoroheptanesulfonic acid (PFHpS)	ND	0.95	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:55	AB
Perfluorooctanesulfonic acid (PFOS)	9.2	0.95	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:55	AB
Perfluorononanesulfonic acid (PFNS)	ND	0.95	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:55	AB
Perfluorodecanesulfonic acid (PFDS)	ND	0.95	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:55	AB
Perfluorododecanesulfonic acid (PFDoS)	ND	0.95	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:55	AB
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	3.8	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:55	AB
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	3.8	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:55	AB
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	3.8	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:55	AB
Perfluorooctanesulfonamide (PFOSA)	ND	0.95	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:55	AB
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	0.95	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:55	AB
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	0.95	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:55	AB
N-MeFOSAA (NMeFOSAA)	ND	0.95	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:55	AB
N-EtFOSAA (NEtFOSAA)	ND	0.95	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:55	AB
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	9.5	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:55	AB
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	9.5	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:55	AB
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	3.8	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:55	AB
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	ND	3.8	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:55	AB
9Cl-PF3ONS (F53B Minor)	ND	3.8	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:55	AB
11Cl-PF3OUdS (F53B Major)	ND	3.8	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:55	AB
3-Perfluoropropyl propanoic acid (FPPrPA) (3:3FTCA)	ND	9.5	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:55	AB
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	48	ng/L	1	S-29	Draft Method 1633	11/8/24	11/12/24 19:55	AB
3-Perfluoroheptyl propanoic acid (FHPrPA) (7:3FTCA)	ND	48	ng/L	1	S-29	Draft Method 1633	11/8/24	11/12/24 19:55	AB
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:55	AB
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	1.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 19:55	AB

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-18

Sampled: 10/23/2024 08:49

Sample ID: 24J4052-14

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	11/8/24	11/12/24 19:55	AB
Nonfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	ng/L	1	S-29	Draft Method 1633	11/8/24	11/12/24 19:55	AB
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
13C4-PFBA	63.3		10-130					11/12/24 19:55	
13C5-PFPeA	53.3		35-150					11/12/24 19:55	
13C5-PFHxA	52.1	*	55-150		S-29			11/12/24 19:55	
13C4-PFHpA	53.6	*	55-150		S-29			11/12/24 19:55	
13C8-PFOA	56.9	*	60-140		S-29			11/12/24 19:55	
13C9-PFNA	56.4		55-140					11/12/24 19:55	
13C6-PFDA	55.6		50-140					11/12/24 19:55	
13C7-PFUnA	49.9		30-140					11/12/24 19:55	
13C2-PFD _o A	48.7		10-150					11/12/24 19:55	
13C2-PFTE _o DA	40.1		10-130					11/12/24 19:55	
13C3-PFBS	66.3		55-150					11/12/24 19:55	
13C3-PFHxS	57.2		55-150					11/12/24 19:55	
13C8-PFOS	53.3		45-140					11/12/24 19:55	
13C2-4:2FTS	70.8		60-200					11/12/24 19:55	
13C2-6:2FTS	63.2		60-200					11/12/24 19:55	
13C2-8:2FTS	51.3		50-200					11/12/24 19:55	
13C8-PFOA	48.4		30-130					11/12/24 19:55	
D3-NMeFOSA	38.1		15-130					11/12/24 19:55	
D5-NEtFOSA	36.9		10-130					11/12/24 19:55	
D3-NMeFOSAA	54.8		45-200					11/12/24 19:55	
D5-NEtFOSAA	50.5		10-200					11/12/24 19:55	
D7-NMeFOSE	43.8		10-150					11/12/24 19:55	
D9-NEtFOSE	42.8		10-150					11/12/24 19:55	
13C3-HFPO-DA	61.1		25-160					11/12/24 19:55	

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Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-18

Sampled: 10/23/2024 08:49

Sample ID: 24J4052-14

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	1900	12	mg/L	1	H-01	Draft Method 1633	11/4/24	11/4/24 13:50	LL

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Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-19

Sampled: 10/23/2024 07:40

Sample ID: 24J4052-15

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	ND	50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
Carbon Disulfide	ND	5.0	µg/L	1	L-04	SW-846 8260D	11/4/24	11/4/24 17:53	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	11/4/24	11/4/24 17:53	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-19

Sampled: 10/23/2024 07:40

Sample ID: 24J4052-15

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	11/4/24	11/4/24 17:53	EEH
Tetrachloroethylene	96	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 17:53	EEH
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		104	70-130					11/4/24 17:53	
Toluene-d8		96.6	70-130					11/4/24 17:53	
4-Bromofluorobenzene		82.1	70-130					11/4/24 17:53	

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Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-19

Sampled: 10/23/2024 07:40

Sample ID: 24J4052-15

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)	6.9	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:11	AB
Perfluoropentanoic acid (PFPeA)	18	1.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:11	AB
Perfluorohexanoic acid (PFHxA)	13	0.97	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:11	AB
Perfluoroheptanoic acid (PFHpA)	10	0.97	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:11	AB
Perfluorooctanoic acid (PFOA)	31	0.97	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:11	AB
Perfluorononanoic acid (PFNA)	4.4	0.97	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:11	AB
Perfluorodecanoic acid (PFDA)	1.5	0.97	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:11	AB
Perfluoroundecanoic acid (PFUnA)	ND	0.97	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:11	AB
Perfluorododecanoic acid (PFDoA)	ND	0.97	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:11	AB
Perfluorotridecanoic acid (PFTrDA)	ND	0.97	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:11	AB
Perfluorotetradecanoic acid (PFTeDA)	ND	0.97	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:11	AB
Perfluorobutanesulfonic acid (PFBS)	4.2	0.97	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:11	AB
Perfluoropentanesulfonic acid (PFPeS)	ND	0.97	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:11	AB
Perfluorohexanesulfonic acid (PFHxS)	4.8	0.97	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:11	AB
Perfluoroheptanesulfonic acid (PFHpS)	ND	0.97	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:11	AB
Perfluorooctanesulfonic acid (PFOS)	20	0.97	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:11	AB
Perfluorononanesulfonic acid (PFNS)	ND	0.97	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:11	AB
Perfluorodecanesulfonic acid (PFDS)	ND	0.97	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:11	AB
Perfluorododecanesulfonic acid (PFDoS)	ND	0.97	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:11	AB
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:11	AB
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:11	AB
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:11	AB
Perfluorooctanesulfonamide (PFOSA)	ND	0.97	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:11	AB
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	0.97	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:11	AB
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	0.97	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:11	AB
N-MeFOSAA (NMeFOSAA)	ND	0.97	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:11	AB
N-EtFOSAA (NEtFOSAA)	ND	0.97	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:11	AB
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	9.7	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:11	AB
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	9.7	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:11	AB
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:11	AB
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:11	AB
9Cl-PF3ONS (F53B Minor)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:11	AB
11Cl-PF3OUdS (F53B Major)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:11	AB
3-Perfluoropropyl propanoic acid (FPPrPA) (3:3FTCA)	ND	9.7	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:11	AB
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	49	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:11	AB
3-Perfluoroheptyl propanoic acid (FHPrPA) (7:3FTCA)	ND	49	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:11	AB
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:11	AB
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	1.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:11	AB

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-19

Sampled: 10/23/2024 07:40

Sample ID: 24J4052-15

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	11/8/24	11/12/24 20:11	AB
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:11	AB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
13C4-PFBA	74.7	10-130			11/12/24 20:11				
13C5-PFPeA	63.3	35-150			11/12/24 20:11				
13C5-PFHxA	65.0	55-150			11/12/24 20:11				
13C4-PFHpA	66.6	55-150			11/12/24 20:11				
13C8-PFOA	69.2	60-140			11/12/24 20:11				
13C9-PFNA	64.9	55-140			11/12/24 20:11				
13C6-PFDA	72.1	50-140			11/12/24 20:11				
13C7-PFUnA	65.3	30-140			11/12/24 20:11				
13C2-PFD _o A	58.9	10-150			11/12/24 20:11				
13C2-PFTeDA	56.9	10-130			11/12/24 20:11				
13C3-PFBS	76.3	55-150			11/12/24 20:11				
13C3-PFHxS	68.0	55-150			11/12/24 20:11				
13C8-PFOS	66.0	45-140			11/12/24 20:11				
13C2-4:2FTS	102	60-200			11/12/24 20:11				
13C2-6:2FTS	77.9	60-200			11/12/24 20:11				
13C2-8:2FTS	60.6	50-200			11/12/24 20:11				
13C8-PFOA	54.8	30-130			11/12/24 20:11				
D3-NMeFOSA	49.6	15-130			11/12/24 20:11				
D5-NEtFOSA	49.0	10-130			11/12/24 20:11				
D3-NMeFOSAA	66.4	45-200			11/12/24 20:11				
D5-NEtFOSAA	59.0	10-200			11/12/24 20:11				
D7-NMeFOSE	50.2	10-150			11/12/24 20:11				
D9-NEtFOSE	48.3	10-150			11/12/24 20:11				
13C3-HFPO-DA	69.2	25-160			11/12/24 20:11				

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Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-19

Sampled: 10/23/2024 07:40

Sample ID: 24J4052-15

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	500	10	mg/L	1	H-01	Draft Method 1633	11/4/24	11/4/24 13:50	LL

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Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-20

Sampled: 10/23/2024 07:56

Sample ID: 24J4052-16

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
Carbon Disulfide	ND	5.0	µg/L	1	L-04	SW-846 8260D	11/4/24	11/4/24 18:20	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	11/4/24	11/4/24 18:20	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH

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Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-20

Sampled: 10/23/2024 07:56

Sample ID: 24J4052-16

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	11/4/24	11/4/24 18:20	EEH
Tetrachloroethylene	6.0	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:20	EEH
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		105	70-130					11/4/24 18:20	
Toluene-d8		95.7	70-130					11/4/24 18:20	
4-Bromofluorobenzene		84.5	70-130					11/4/24 18:20	

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-20

Sampled: 10/23/2024 07:56

Sample ID: 24J4052-16

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)	7.1	4.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 14:00	AMS
Perfluoropentanoic acid (PFPeA)	17	2.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 14:00	AMS
Perfluorohexanoic acid (PFHxA)	12	1.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 14:00	AMS
Perfluoroheptanoic acid (PFHpA)	9.4	1.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 14:00	AMS
Perfluorooctanoic acid (PFOA)	19	1.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 14:00	AMS
Perfluorononanoic acid (PFNA)	1.9	1.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 14:00	AMS
Perfluorodecanoic acid (PFDA)	1.3	1.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 14:00	AMS
Perfluoroundecanoic acid (PFUnA)	ND	1.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 14:00	AMS
Perfluorododecanoic acid (PFDoA)	ND	1.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 14:00	AMS
Perfluorotridecanoic acid (PFTrDA)	ND	1.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 14:00	AMS
Perfluorotetradecanoic acid (PFTeDA)	ND	1.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 14:00	AMS
Perfluorobutanesulfonic acid (PFBS)	2.0	1.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 14:00	AMS
Perfluoropentanesulfonic acid (PFPeS)	1.1	1.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 14:00	AMS
Perfluorohexanesulfonic acid (PFHxS)	4.2	1.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 14:00	AMS
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 14:00	AMS
Perfluorooctanesulfonic acid (PFOS)	11	1.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 14:00	AMS
Perfluorononanesulfonic acid (PFNS)	ND	1.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 14:00	AMS
Perfluorodecanesulfonic acid (PFDS)	ND	1.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 14:00	AMS
Perfluorododecanesulfonic acid (PFDoS)	ND	1.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 14:00	AMS
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	4.0	ng/L	1	PF-17C	Draft Method 1633	11/14/24	11/18/24 14:00	AMS
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	4.0	ng/L	1	PF-17C	Draft Method 1633	11/14/24	11/18/24 14:00	AMS
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	4.0	ng/L	1	PF-17C	Draft Method 1633	11/14/24	11/18/24 14:00	AMS
Perfluorooctanesulfonamide (PFOSA)	ND	1.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 14:00	AMS
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	1.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 14:00	AMS
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	1.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 14:00	AMS
N-MeFOSAA (NMeFOSAA)	ND	1.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 14:00	AMS
N-EtFOSAA (NEtFOSAA)	ND	1.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 14:00	AMS
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	10	ng/L	1		Draft Method 1633	11/14/24	11/18/24 14:00	AMS
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	10	ng/L	1		Draft Method 1633	11/14/24	11/18/24 14:00	AMS
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	4.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 14:00	AMS
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	4.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 14:00	AMS
9Cl-PF3ONS (F53B Minor)	ND	4.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 14:00	AMS
11Cl-PF3OUdS (F53B Major)	ND	4.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 14:00	AMS
3-Perfluoropropyl propanoic acid (FPPrPA) (3:3FTCA)	ND	10	ng/L	1		Draft Method 1633	11/14/24	11/18/24 14:00	AMS
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	50	ng/L	1		Draft Method 1633	11/14/24	11/18/24 14:00	AMS
3-Perfluoroheptyl propanoic acid (FHPrPA) (7:3FTCA)	ND	50	ng/L	1		Draft Method 1633	11/14/24	11/18/24 14:00	AMS
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 14:00	AMS
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	2.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 14:00	AMS

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-20

Sampled: 10/23/2024 07:56

Sample ID: 24J4052-16

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	2.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 14:00	AMS
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0	ng/L	1		Draft Method 1633	11/14/24	11/18/24 14:00	AMS
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
13C4-PFBA	74.8		10-130				11/18/24 14:00		
13C5-PFPeA	75.4		35-150				11/18/24 14:00		
13C5-PFHxA	70.1		55-150				11/18/24 14:00		
13C4-PFHpA	73.9		55-150				11/18/24 14:00		
13C8-PFOA	71.4		60-140				11/18/24 14:00		
13C9-PFNA	71.6		55-140				11/18/24 14:00		
13C6-PFDA	72.9		50-140				11/18/24 14:00		
13C7-PFUnA	60.5		30-140				11/18/24 14:00		
13C2-PFDoA	50.3		10-150				11/18/24 14:00		
13C2-PFTeDA	29.5		10-130				11/18/24 14:00		
13C3-PFBS	76.9		55-150				11/18/24 14:00		
13C3-PFHxS	71.8		55-150				11/18/24 14:00		
13C8-PFOS	68.6		45-140				11/18/24 14:00		
13C2-4:2FTS	57.1	*	60-200		PF-17C		11/18/24 14:00		
13C2-6:2FTS	53.6	*	60-200		PF-17C		11/18/24 14:00		
13C2-8:2FTS	41.6	*	50-200		PF-17C		11/18/24 14:00		
13C8-PFOA	69.1		30-130				11/18/24 14:00		
D3-NMeFOSA	44.7		15-130				11/18/24 14:00		
D5-NEtFOSA	41.6		10-130				11/18/24 14:00		
D3-NMeFOSAA	77.7		45-200				11/18/24 14:00		
D5-NEtFOSAA	64.6		10-200				11/18/24 14:00		
D7-NMeFOSE	59.3		10-150				11/18/24 14:00		
D9-NEtFOSE	53.8		10-150				11/18/24 14:00		
13C3-HFPO-DA	80.7		25-160				11/18/24 14:00		

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Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: STA-MW-20

Sampled: 10/23/2024 07:56

Sample ID: 24J4052-16

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	2700	14	mg/L	1	H-01	Draft Method 1633	11/4/24	11/4/24 13:50	LL

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Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: MW-100

Sampled: 10/23/2024 07:30

Sample ID: 24J4052-17

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	11/4/24	11/4/24 18:47	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
Carbon Disulfide	ND	5.0	µg/L	1	L-04	SW-846 8260D	11/4/24	11/4/24 18:47	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	11/4/24	11/4/24 18:47	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: MW-100

Sampled: 10/23/2024 07:30

Sample ID: 24J4052-17

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	11/4/24	11/4/24 18:47	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 18:47	EEH
Surrogates		% Recovery		Recovery Limits		Flag/Qual			
1,2-Dichloroethane-d4		92.8		70-130				11/4/24 18:47	
Toluene-d8		95.6		70-130				11/4/24 18:47	
4-Bromofluorobenzene		81.1		70-130				11/4/24 18:47	

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: MW-100

Sampled: 10/23/2024 07:30

Sample ID: 24J4052-17

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)	6.7	4.3	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:42	AB
Perfluoropentanoic acid (PFPeA)	13	2.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:42	AB
Perfluorohexanoic acid (PFHxA)	14	1.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:42	AB
Perfluoroheptanoic acid (PFHpA)	5.9	1.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:42	AB
Perfluorooctanoic acid (PFOA)	19	1.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:42	AB
Perfluorononanoic acid (PFNA)	ND	1.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:42	AB
Perfluorodecanoic acid (PFDA)	ND	1.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:42	AB
Perfluoroundecanoic acid (PFUnA)	ND	1.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:42	AB
Perfluorododecanoic acid (PFDoA)	ND	1.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:42	AB
Perfluorotridecanoic acid (PFTrDA)	ND	1.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:42	AB
Perfluorotetradecanoic acid (PFTeDA)	ND	1.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:42	AB
Perfluorobutanesulfonic acid (PFBS)	5.8	1.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:42	AB
Perfluoropentanesulfonic acid (PFPeS)	ND	1.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:42	AB
Perfluorohexanesulfonic acid (PFHxS)	4.4	1.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:42	AB
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:42	AB
Perfluorooctanesulfonic acid (PFOS)	6.4	1.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:42	AB
Perfluorononanesulfonic acid (PFNS)	ND	1.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:42	AB
Perfluorodecanesulfonic acid (PFDS)	ND	1.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:42	AB
Perfluorododecanesulfonic acid (PFDoS)	ND	1.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:42	AB
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	4.3	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:42	AB
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	4.3	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:42	AB
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	4.3	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:42	AB
Perfluorooctanesulfonamide (PFOSA)	ND	1.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:42	AB
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	1.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:42	AB
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	1.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:42	AB
N-MeFOSAA (NMeFOSAA)	ND	1.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:42	AB
N-EtFOSAA (NEtFOSAA)	ND	1.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:42	AB
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	11	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:42	AB
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	11	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:42	AB
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	4.3	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:42	AB
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	ND	4.3	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:42	AB
9Cl-PF3ONS (F53B Minor)	ND	4.3	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:42	AB
11Cl-PF3OUdS (F53B Major)	ND	4.3	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:42	AB
3-Perfluoropropyl propanoic acid (FPPrPA) (3:3FTCA)	ND	11	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:42	AB
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	53	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:42	AB
3-Perfluoroheptyl propanoic acid (FHPrPA) (7:3FTCA)	ND	53	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:42	AB
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:42	AB
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	2.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:42	AB

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: MW-100

Sampled: 10/23/2024 07:30

Sample ID: 24J4052-17

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	2.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:42	AB
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.1	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:42	AB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
13C4-PFBA	79.9	10-130						11/12/24 20:42	
13C5-PFPeA	73.4	35-150						11/12/24 20:42	
13C5-PFHxA	73.9	55-150						11/12/24 20:42	
13C4-PFHpA	73.3	55-150						11/12/24 20:42	
13C8-PFOA	75.6	60-140						11/12/24 20:42	
13C9-PFNA	74.9	55-140						11/12/24 20:42	
13C6-PFDA	74.8	50-140						11/12/24 20:42	
13C7-PFUnA	70.0	30-140						11/12/24 20:42	
13C2-PFD _o A	74.3	10-150						11/12/24 20:42	
13C2-PFTeDA	61.3	10-130						11/12/24 20:42	
13C3-PFBS	82.9	55-150						11/12/24 20:42	
13C3-PFHxS	74.2	55-150						11/12/24 20:42	
13C8-PFOS	72.2	45-140						11/12/24 20:42	
13C2-4:2FTS	96.3	60-200						11/12/24 20:42	
13C2-6:2FTS	74.1	60-200						11/12/24 20:42	
13C2-8:2FTS	65.0	50-200						11/12/24 20:42	
13C8-PFOSA	66.3	30-130						11/12/24 20:42	
D3-NMeFOSA	60.5	15-130						11/12/24 20:42	
D5-NEtFOSA	64.8	10-130						11/12/24 20:42	
D3-NMeFOSAA	79.2	45-200						11/12/24 20:42	
D5-NEtFOSAA	75.0	10-200						11/12/24 20:42	
D7-NMeFOSE	64.4	10-150						11/12/24 20:42	
D9-NEtFOSE	64.9	10-150						11/12/24 20:42	
13C3-HFPO-DA	79.9	25-160						11/12/24 20:42	

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: MW-100

Sampled: 10/23/2024 07:30

Sample ID: 24J4052-17

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	H-01	Draft Method 1633	11/4/24	11/4/24 13:50	LL

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: TB-1

Sampled: 10/23/2024 07:00

Sample ID: 24J4052-18

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	11/4/24	11/4/24 11:12	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
Carbon Disulfide	ND	5.0	µg/L	1	L-04	SW-846 8260D	11/4/24	11/4/24 11:12	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	11/4/24	11/4/24 11:12	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: TB-1

Sampled: 10/23/2024 07:00

Sample ID: 24J4052-18

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	11/4/24	11/4/24 11:12	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	11/4/24	11/4/24 11:12	EEH
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		105	70-130					11/4/24 11:12	
Toluene-d8		96.9	70-130					11/4/24 11:12	
4-Bromofluorobenzene		91.2	70-130					11/4/24 11:12	

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: EB-1

Sampled: 10/23/2024 11:36

Sample ID: 24J4052-19

Sample Matrix: Equipment Blank Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:58	AB
Perfluoropentanoic acid (PFPeA)	ND	1.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:58	AB
Perfluorohexanoic acid (PFHxA)	ND	0.96	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:58	AB
Perfluoroheptanoic acid (PFHpA)	ND	0.96	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:58	AB
Perfluorooctanoic acid (PFOA)	ND	0.96	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:58	AB
Perfluorononanoic acid (PFNA)	ND	0.96	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:58	AB
Perfluorodecanoic acid (PFDA)	ND	0.96	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:58	AB
Perfluoroundecanoic acid (PFUnA)	ND	0.96	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:58	AB
Perfluorododecanoic acid (PFDoA)	ND	0.96	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:58	AB
Perfluorotridecanoic acid (PFTrDA)	ND	0.96	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:58	AB
Perfluorotetradecanoic acid (PFTeDA)	ND	0.96	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:58	AB
Perfluorobutanesulfonic acid (PFBS)	ND	0.96	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:58	AB
Perfluoropentanesulfonic acid (PFPeS)	ND	0.96	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:58	AB
Perfluorohexanesulfonic acid (PFHxS)	ND	0.96	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:58	AB
Perfluoroheptanesulfonic acid (PFHpS)	ND	0.96	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:58	AB
Perfluorooctanesulfonic acid (PFOS)	ND	0.96	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:58	AB
Perfluorononanesulfonic acid (PFNS)	ND	0.96	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:58	AB
Perfluorodecanesulfonic acid (PFDS)	ND	0.96	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:58	AB
Perfluorododecanesulfonic acid (PFDoS)	ND	0.96	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:58	AB
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:58	AB
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:58	AB
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:58	AB
Perfluorooctanesulfonamide (PFOSA)	ND	0.96	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:58	AB
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	0.96	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:58	AB
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	0.96	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:58	AB
N-MeFOSAA (NMeFOSAA)	ND	0.96	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:58	AB
N-EtFOSAA (NEtFOSAA)	ND	0.96	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:58	AB
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	9.6	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:58	AB
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	9.6	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:58	AB
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:58	AB
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:58	AB
9Cl-PF3ONS (F53B Minor)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:58	AB
11Cl-PF3OUdS (F53B Major)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:58	AB
3-Perfluoropropyl propanoic acid (FPPrPA) (3:3FTCA)	ND	9.6	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:58	AB
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	48	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:58	AB
3-Perfluoroheptyl propanoic acid (FHPrPA) (7:3FTCA)	ND	48	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:58	AB
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:58	AB
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	1.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:58	AB

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: EB-1

Sampled: 10/23/2024 11:36

Sample ID: 24J4052-19

Sample Matrix: Equipment Blank Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	1.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:58	AB
Nonfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 20:58	AB
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
13C4-PFBA	67.4		10-130				11/12/24 20:58		
13C5-PFPeA	66.4		35-150				11/12/24 20:58		
13C5-PFHxA	64.4		55-150				11/12/24 20:58		
13C4-PFHpA	65.4		55-150				11/12/24 20:58		
13C8-PFOA	68.2		60-140				11/12/24 20:58		
13C9-PFNA	63.2		55-140				11/12/24 20:58		
13C6-PFDA	65.8		50-140				11/12/24 20:58		
13C7-PFUnA	67.6		30-140				11/12/24 20:58		
13C2-PFD _o A	68.1		10-150				11/12/24 20:58		
13C2-PFTeDA	57.1		10-130				11/12/24 20:58		
13C3-PFBS	76.4		55-150				11/12/24 20:58		
13C3-PFHxS	64.1		55-150				11/12/24 20:58		
13C8-PFOS	61.7		45-140				11/12/24 20:58		
13C2-4:2FTS	72.2		60-200				11/12/24 20:58		
13C2-6:2FTS	65.5		60-200				11/12/24 20:58		
13C2-8:2FTS	62.0		50-200				11/12/24 20:58		
13C8-PFOA	60.1		30-130				11/12/24 20:58		
D3-NMeFOSA	59.0		15-130				11/12/24 20:58		
D5-NEtFOSA	62.0		10-130				11/12/24 20:58		
D3-NMeFOSAA	71.5		45-200				11/12/24 20:58		
D5-NEtFOSAA	70.1		10-200				11/12/24 20:58		
D7-NMeFOSE	62.4		10-150				11/12/24 20:58		
D9-NEtFOSE	59.8		10-150				11/12/24 20:58		
13C3-HFPO-DA	73.7		25-160				11/12/24 20:58		

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

 Field Sample #: **EB-1**

Sampled: 10/23/2024 11:36

 Sample ID: **24J4052-19**

Sample Matrix: Equipment Blank 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	11/1/24	11/1/24 14:01	LL

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: FB-1

Sampled: 10/23/2024 07:38

Sample ID: 24J4052-20

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	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 21:14	AB
Perfluoropentanoic acid (PFPeA)	ND	1.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 21:14	AB
Perfluorohexanoic acid (PFHxA)	ND	0.96	ng/L	1		Draft Method 1633	11/8/24	11/12/24 21:14	AB
Perfluoroheptanoic acid (PFHpA)	ND	0.96	ng/L	1		Draft Method 1633	11/8/24	11/12/24 21:14	AB
Perfluorooctanoic acid (PFOA)	ND	0.96	ng/L	1		Draft Method 1633	11/8/24	11/12/24 21:14	AB
Perfluorononanoic acid (PFNA)	ND	0.96	ng/L	1		Draft Method 1633	11/8/24	11/12/24 21:14	AB
Perfluorodecanoic acid (PFDA)	ND	0.96	ng/L	1		Draft Method 1633	11/8/24	11/12/24 21:14	AB
Perfluoroundecanoic acid (PFUnA)	ND	0.96	ng/L	1		Draft Method 1633	11/8/24	11/12/24 21:14	AB
Perfluorododecanoic acid (PFDoA)	ND	0.96	ng/L	1		Draft Method 1633	11/8/24	11/12/24 21:14	AB
Perfluorotridecanoic acid (PFTrDA)	ND	0.96	ng/L	1		Draft Method 1633	11/8/24	11/12/24 21:14	AB
Perfluorotetradecanoic acid (PFTeDA)	ND	0.96	ng/L	1		Draft Method 1633	11/8/24	11/12/24 21:14	AB
Perfluorobutanesulfonic acid (PFBS)	ND	0.96	ng/L	1		Draft Method 1633	11/8/24	11/12/24 21:14	AB
Perfluoropentanesulfonic acid (PFPeS)	ND	0.96	ng/L	1		Draft Method 1633	11/8/24	11/12/24 21:14	AB
Perfluorohexanesulfonic acid (PFHxS)	ND	0.96	ng/L	1		Draft Method 1633	11/8/24	11/12/24 21:14	AB
Perfluoroheptanesulfonic acid (PFHpS)	ND	0.96	ng/L	1		Draft Method 1633	11/8/24	11/12/24 21:14	AB
Perfluorooctanesulfonic acid (PFOS)	ND	0.96	ng/L	1		Draft Method 1633	11/8/24	11/12/24 21:14	AB
Perfluorononanesulfonic acid (PFNS)	ND	0.96	ng/L	1		Draft Method 1633	11/8/24	11/12/24 21:14	AB
Perfluorodecanesulfonic acid (PFDS)	ND	0.96	ng/L	1		Draft Method 1633	11/8/24	11/12/24 21:14	AB
Perfluorododecanesulfonic acid (PFDoS)	ND	0.96	ng/L	1		Draft Method 1633	11/8/24	11/12/24 21:14	AB
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 21:14	AB
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 21:14	AB
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 21:14	AB
Perfluorooctanesulfonamide (PFOSA)	ND	0.96	ng/L	1		Draft Method 1633	11/8/24	11/12/24 21:14	AB
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	0.96	ng/L	1		Draft Method 1633	11/8/24	11/12/24 21:14	AB
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	0.96	ng/L	1		Draft Method 1633	11/8/24	11/12/24 21:14	AB
N-MeFOSAA (NMeFOSAA)	ND	0.96	ng/L	1		Draft Method 1633	11/8/24	11/12/24 21:14	AB
N-EtFOSAA (NEtFOSAA)	ND	0.96	ng/L	1		Draft Method 1633	11/8/24	11/12/24 21:14	AB
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	9.6	ng/L	1		Draft Method 1633	11/8/24	11/12/24 21:14	AB
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	9.6	ng/L	1		Draft Method 1633	11/8/24	11/12/24 21:14	AB
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 21:14	AB
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 21:14	AB
9Cl-PF3ONS (F53B Minor)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 21:14	AB
11Cl-PF3OUdS (F53B Major)	ND	3.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 21:14	AB
3-Perfluoropropyl propanoic acid (FPPrPA) (3:3FTCA)	ND	9.6	ng/L	1		Draft Method 1633	11/8/24	11/12/24 21:14	AB
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	48	ng/L	1		Draft Method 1633	11/8/24	11/12/24 21:14	AB
3-Perfluoroheptyl propanoic acid (FHPrPA) (7:3FTCA)	ND	48	ng/L	1		Draft Method 1633	11/8/24	11/12/24 21:14	AB
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 21:14	AB
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	1.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 21:14	AB

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

Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

Field Sample #: FB-1

Sampled: 10/23/2024 07:38

Sample ID: 24J4052-20

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	11/8/24	11/12/24 21:14	AB
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	ng/L	1		Draft Method 1633	11/8/24	11/12/24 21:14	AB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
13C4-PFBA	78.2	10-130						11/12/24 21:14	
13C5-PFPeA	73.4	35-150						11/12/24 21:14	
13C5-PFHxA	72.1	55-150						11/12/24 21:14	
13C4-PFHpA	74.6	55-150						11/12/24 21:14	
13C8-PFOA	77.1	60-140						11/12/24 21:14	
13C9-PFNA	71.2	55-140						11/12/24 21:14	
13C6-PFDA	77.2	50-140						11/12/24 21:14	
13C7-PFUnA	75.2	30-140						11/12/24 21:14	
13C2-PFD _o A	79.7	10-150						11/12/24 21:14	
13C2-PFTeDA	71.0	10-130						11/12/24 21:14	
13C3-PFBS	86.3	55-150						11/12/24 21:14	
13C3-PFHxS	74.7	55-150						11/12/24 21:14	
13C8-PFOS	77.1	45-140						11/12/24 21:14	
13C2-4:2FTS	85.5	60-200						11/12/24 21:14	
13C2-6:2FTS	77.4	60-200						11/12/24 21:14	
13C2-8:2FTS	75.7	50-200						11/12/24 21:14	
13C8-PFOSA	74.0	30-130						11/12/24 21:14	
D3-NMeFOSA	71.5	15-130						11/12/24 21:14	
D5-NEtFOSA	73.7	10-130						11/12/24 21:14	
D3-NMeFOSAA	82.8	45-200						11/12/24 21:14	
D5-NEtFOSAA	82.7	10-200						11/12/24 21:14	
D7-NMeFOSE	73.5	10-150						11/12/24 21:14	
D9-NEtFOSE	72.2	10-150						11/12/24 21:14	
13C3-HFPO-DA	82.8	25-160						11/12/24 21:14	

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Project Location: 110 Cutter Rd, Great Neck, NY

Sample Description:

Work Order: 24J4052

Date Received: 10/25/2024

 Field Sample #: **FB-1**

Sampled: 10/23/2024 07:38

 Sample ID: **24J4052-20**

Sample Matrix: Field Blank

Conventional Chemistry Parameters by EPA/PHA/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	11/1/24	11/1/24 14:01	LL

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Sample Extraction Data
Draft Method 1633

Lab Number [Field ID]	Batch	Initial [mL]	Date
24J4052-01 [EPA-MW-9A]	B391182	50.0	11/04/24
24J4052-02 [EPA-MW-11D]	B391182	50.0	11/04/24
24J4052-03 [EPA-MW-21R]	B391182	50.0	11/04/24
24J4052-04 [EPA-MW-23]	B391182	50.0	11/04/24
24J4052-05 [EPA-MW-26]	B391182	50.0	11/04/24
24J4052-06 [EPA-MW-27]	B391182	50.0	11/04/24
24J4052-07 [STA-MW-11]	B391182	25.0	11/04/24
24J4052-08 [STA-MW-12]	B391182	30.0	11/04/24
24J4052-09 [STA-MW-13]	B391182	35.0	11/04/24
24J4052-10 [STA-MW-14]	B391182	35.0	11/04/24
24J4052-11 [STA-MW-15]	B391182	50.0	11/04/24
24J4052-12 [STA-MW-16]	B391182	50.0	11/04/24
24J4052-13 [STA-MW-17]	B391182	50.0	11/04/24
24J4052-14 [STA-MW-18]	B391182	40.0	11/04/24
24J4052-15 [STA-MW-19]	B391182	50.0	11/04/24
24J4052-16 [STA-MW-20]	B391182	35.0	11/04/24
24J4052-17 [MW-100]	B391182	50.0	11/04/24

Draft Method 1633

Lab Number [Field ID]	Batch	Initial [mL]	Date
24J4052-19 [EB-1]	B391185	50.0	11/01/24
24J4052-20 [FB-1]	B391185	50.0	11/01/24

Prep Method:Draft Method 1633 Analytical Method:Draft Method 1633 Leachates were extracted on 11/4/2024 per NO PREP in Batch B391182

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
24J4052-01 [EPA-MW-9A]	B391313	500	5.00	11/08/24
24J4052-02 [EPA-MW-11D]	B391313	516	5.00	11/08/24
24J4052-03 [EPA-MW-21R]	B391313	503	5.00	11/08/24
24J4052-04 [EPA-MW-23]	B391313	533	5.00	11/08/24
24J4052-05 [EPA-MW-26]	B391313	493	5.00	11/08/24
24J4052-06 [EPA-MW-27]	B391313	538	5.00	11/08/24
24J4052-08 [STA-MW-12]	B391313	499	5.00	11/08/24
24J4052-09 [STA-MW-13]	B391313	474	5.00	11/08/24
24J4052-10 [STA-MW-14]	B391313	512	5.00	11/08/24
24J4052-11 [STA-MW-15]	B391313	509	5.00	11/08/24
24J4052-12 [STA-MW-16]	B391313	502	5.00	11/08/24
24J4052-13 [STA-MW-17]	B391313	508	5.00	11/08/24
24J4052-14 [STA-MW-18]	B391313	524	5.00	11/08/24
24J4052-15 [STA-MW-19]	B391313	515	5.00	11/08/24
24J4052-17 [MW-100]	B391313	469	5.00	11/08/24
24J4052-19 [EB-1]	B391313	518	5.00	11/08/24
24J4052-20 [FB-1]	B391313	519	5.00	11/08/24

Prep Method:Draft Method 1633 Analytical Method:Draft Method 1633 Leachates were extracted on 11/4/2024 per NO PREP in Batch B391182

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
24J4052-07RE1 [STA-MW-11]	B392231	488	5.00	11/14/24
24J4052-16RE1 [STA-MW-20]	B392231	501	5.00	11/14/24

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

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
24J4052-01 [EPA-MW-9A]	B391256	5	5.00	11/04/24
24J4052-02 [EPA-MW-11D]	B391256	5	5.00	11/04/24
24J4052-03 [EPA-MW-21R]	B391256	5	5.00	11/04/24
24J4052-04 [EPA-MW-23]	B391256	5	5.00	11/04/24
24J4052-05 [EPA-MW-26]	B391256	5	5.00	11/04/24
24J4052-06 [EPA-MW-27]	B391256	5	5.00	11/04/24
24J4052-07 [STA-MW-11]	B391256	5	5.00	11/04/24
24J4052-08 [STA-MW-12]	B391256	5	5.00	11/04/24
24J4052-09 [STA-MW-13]	B391256	5	5.00	11/04/24
24J4052-10 [STA-MW-14]	B391256	5	5.00	11/04/24
24J4052-11 [STA-MW-15]	B391256	5	5.00	11/04/24
24J4052-12 [STA-MW-16]	B391256	5	5.00	11/04/24
24J4052-13 [STA-MW-17]	B391256	5	5.00	11/04/24
24J4052-14 [STA-MW-18]	B391256	5	5.00	11/04/24
24J4052-15 [STA-MW-19]	B391256	5	5.00	11/04/24
24J4052-16 [STA-MW-20]	B391256	5	5.00	11/04/24
24J4052-17 [MW-100]	B391256	5	5.00	11/04/24
24J4052-18 [TB-1]	B391256	5	5.00	11/04/24

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

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B391256 - SW-846 5030B										
Blank (B391256-BLK1)										
Prepared & Analyzed: 11/04/24										
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							L-04
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							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 B391256 - SW-846 5030B										
Blank (B391256-BLK1)										
Prepared & Analyzed: 11/04/24										
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	24.8		µg/L	25.00		99.3	70-130			
Surrogate: Toluene-d8	24.6		µg/L	25.00		98.2	70-130			
Surrogate: 4-Bromofluorobenzene	22.7		µg/L	25.00		90.7	70-130			
LCS (B391256-BS1)										
Prepared & Analyzed: 11/04/24										
Acetone	92.2	50	µg/L	100.0		92.2	70-160			†
Benzene	8.97	1.0	µg/L	10.00		89.7	70-130			
Bromochloromethane	10.6	1.0	µg/L	10.00		106	70-130			
Bromodichloromethane	9.39	0.50	µg/L	10.00		93.9	70-130			
Bromoform	7.69	1.0	µg/L	10.00		76.9	70-130			
Bromomethane	8.74	2.0	µg/L	10.00		87.4	40-160			†
2-Butanone (MEK)	99.8	20	µg/L	100.0		99.8	40-160			†
n-Butylbenzene	8.40	1.0	µg/L	10.00		84.0	70-130			
sec-Butylbenzene	8.69	1.0	µg/L	10.00		86.9	70-130			
tert-Butylbenzene	8.57	1.0	µg/L	10.00		85.7	70-130			
Carbon Disulfide	61.7	5.0	µg/L	100.0		61.7 *	70-130			L-04
Carbon Tetrachloride	8.30	5.0	µg/L	10.00		83.0	70-130			
Chlorobenzene	9.53	1.0	µg/L	10.00		95.3	70-130			
Chlorodibromomethane	8.85	0.50	µg/L	10.00		88.5	70-130			
Chloroethane	8.39	2.0	µg/L	10.00		83.9	70-130			
Chloroform	9.06	2.0	µg/L	10.00		90.6	70-130			
Chloromethane	9.24	2.0	µg/L	10.00		92.4	40-160			V-20 †
Cyclohexane	7.63	5.0	µg/L	10.00		76.3	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	7.75	5.0	µg/L	10.00		77.5	70-130			
1,2-Dibromoethane (EDB)	8.81	0.50	µg/L	10.00		88.1	70-130			
1,2-Dichlorobenzene	9.46	1.0	µg/L	10.00		94.6	70-130			
1,3-Dichlorobenzene	9.61	1.0	µg/L	10.00		96.1	70-130			
1,4-Dichlorobenzene	8.86	1.0	µg/L	10.00		88.6	70-130			
Dichlorodifluoromethane (Freon 12)	6.51	2.0	µg/L	10.00		65.1	40-160			†
1,1-Dichloroethane	9.23	1.0	µg/L	10.00		92.3	70-130			
1,2-Dichloroethane	9.62	1.0	µg/L	10.00		96.2	70-130			
1,1-Dichloroethylene	8.26	1.0	µg/L	10.00		82.6	70-130			
cis-1,2-Dichloroethylene	9.46	1.0	µg/L	10.00		94.6	70-130			
trans-1,2-Dichloroethylene	8.39	1.0	µg/L	10.00		83.9	70-130			
1,2-Dichloropropane	9.27	1.0	µg/L	10.00		92.7	70-130			
cis-1,3-Dichloropropene	8.95	0.50	µg/L	10.00		89.5	70-130			
trans-1,3-Dichloropropene	8.67	0.50	µg/L	10.00		86.7	70-130			
Ethylbenzene	8.92	1.0	µg/L	10.00		89.2	70-130			
2-Hexanone (MBK)	87.4	10	µg/L	100.0		87.4	70-160			†
Isopropylbenzene (Cumene)	8.53	1.0	µg/L	10.00		85.3	70-130			
p-Isopropyltoluene (p-Cymene)	8.83	1.0	µg/L	10.00		88.3	70-130			
Methyl Acetate	12.8	1.0	µg/L	10.00		128	70-130			
Methyl tert-Butyl Ether (MTBE)	9.08	1.0	µg/L	10.00		90.8	70-130			V-20

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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 B391256 - SW-846 5030B										
LCS (B391256-BS1)										
Prepared & Analyzed: 11/04/24										
Methyl Cyclohexane	7.93	1.0	µg/L	10.00		79.3	70-130			
Methylene Chloride	8.98	5.0	µg/L	10.00		89.8	70-130			
4-Methyl-2-pentanone (MIBK)	89.1	10	µg/L	100.0		89.1	70-160			†
Naphthalene	5.89	2.0	µg/L	10.00		58.9	40-130		V-05	†
n-Propylbenzene	8.75	1.0	µg/L	10.00		87.5	70-130			
Styrene	8.82	1.0	µg/L	10.00		88.2	70-130			
1,1,2,2-Tetrachloroethane	9.10	0.50	µg/L	10.00		91.0	70-130			
Tetrachloroethylene	9.18	1.0	µg/L	10.00		91.8	70-130			
Toluene	9.27	1.0	µg/L	10.00		92.7	70-130			
1,2,3-Trichlorobenzene	8.95	5.0	µg/L	10.00		89.5	70-130			
1,2,4-Trichlorobenzene	8.12	1.0	µg/L	10.00		81.2	70-130			
1,1,1-Trichloroethane	8.74	1.0	µg/L	10.00		87.4	70-130			
1,1,2-Trichloroethane	9.56	1.0	µg/L	10.00		95.6	70-130			
Trichloroethylene	8.79	1.0	µg/L	10.00		87.9	70-130			
Trichlorofluoromethane (Freon 11)	8.57	2.0	µg/L	10.00		85.7	70-130			
1,2,3-Trichloropropane	10.2	2.0	µg/L	10.00		102	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.69	1.0	µg/L	10.00		86.9	70-130			
1,2,4-Trimethylbenzene	8.57	1.0	µg/L	10.00		85.7	70-130			
1,3,5-Trimethylbenzene	8.64	1.0	µg/L	10.00		86.4	70-130			
Vinyl Chloride	7.48	2.0	µg/L	10.00		74.8	40-160			†
m+p Xylene	17.8	2.0	µg/L	20.00		88.8	70-130			
o-Xylene	8.71	1.0	µg/L	10.00		87.1	70-130			
Xylenes (total)	26.5	1.0	µg/L	30.00		88.2	0-200			
Surrogate: 1,2-Dichloroethane-d4	25.5		µg/L	25.00		102	70-130			
Surrogate: Toluene-d8	25.4		µg/L	25.00		101	70-130			
Surrogate: 4-Bromofluorobenzene	23.9		µg/L	25.00		95.6	70-130			
LCS Dup (B391256-BSD1)										
Prepared & Analyzed: 11/04/24										
Acetone	83.6	50	µg/L	100.0		83.6	70-160	9.82	25	†
Benzene	9.02	1.0	µg/L	10.00		90.2	70-130	0.556	25	
Bromochloromethane	10.6	1.0	µg/L	10.00		106	70-130	0.849	25	
Bromodichloromethane	10.0	0.50	µg/L	10.00		100	70-130	6.39	25	
Bromoform	7.84	1.0	µg/L	10.00		78.4	70-130	1.93	25	
Bromomethane	8.88	2.0	µg/L	10.00		88.8	40-160	1.59	25	†
2-Butanone (MEK)	89.3	20	µg/L	100.0		89.3	40-160	11.0	25	†
n-Butylbenzene	8.72	1.0	µg/L	10.00		87.2	70-130	3.74	25	
sec-Butylbenzene	9.16	1.0	µg/L	10.00		91.6	70-130	5.27	25	
tert-Butylbenzene	8.76	1.0	µg/L	10.00		87.6	70-130	2.19	25	
Carbon Disulfide	60.4	5.0	µg/L	100.0		60.4	* 70-130	2.15	25	L-04
Carbon Tetrachloride	8.70	5.0	µg/L	10.00		87.0	70-130	4.71	25	
Chlorobenzene	10.3	1.0	µg/L	10.00		103	70-130	7.38	25	
Chlorodibromomethane	9.68	0.50	µg/L	10.00		96.8	70-130	8.96	25	
Chloroethane	7.65	2.0	µg/L	10.00		76.5	70-130	9.23	25	
Chloroform	9.64	2.0	µg/L	10.00		96.4	70-130	6.20	25	
Chloromethane	9.03	2.0	µg/L	10.00		90.3	40-160	2.30	25	V-20 †
Cyclohexane	8.39	5.0	µg/L	10.00		83.9	70-130	9.49	25	
1,2-Dibromo-3-chloropropane (DBCP)	7.49	5.0	µg/L	10.00		74.9	70-130	3.41	25	
1,2-Dibromoethane (EDB)	9.33	0.50	µg/L	10.00		93.3	70-130	5.73	25	
1,2-Dichlorobenzene	10.3	1.0	µg/L	10.00		103	70-130	8.89	25	
1,3-Dichlorobenzene	9.89	1.0	µg/L	10.00		98.9	70-130	2.87	25	
1,4-Dichlorobenzene	9.19	1.0	µg/L	10.00		91.9	70-130	3.66	25	
Dichlorodifluoromethane (Freon 12)	6.37	2.0	µg/L	10.00		63.7	40-160	2.17	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 B391256 - SW-846 5030B										
LCS Dup (B391256-BSD1)										
Prepared & Analyzed: 11/04/24										
1,1-Dichloroethane	9.06	1.0	µg/L	10.00		90.6	70-130	1.86	25	
1,2-Dichloroethane	10.1	1.0	µg/L	10.00		101	70-130	5.26	25	
1,1-Dichloroethylene	8.26	1.0	µg/L	10.00		82.6	70-130	0.00	25	
cis-1,2-Dichloroethylene	9.44	1.0	µg/L	10.00		94.4	70-130	0.212	25	
trans-1,2-Dichloroethylene	8.37	1.0	µg/L	10.00		83.7	70-130	0.239	25	
1,2-Dichloropropane	10.2	1.0	µg/L	10.00		102	70-130	9.65	25	
cis-1,3-Dichloropropene	9.55	0.50	µg/L	10.00		95.5	70-130	6.49	25	
trans-1,3-Dichloropropene	8.94	0.50	µg/L	10.00		89.4	70-130	3.07	25	
Ethylbenzene	9.51	1.0	µg/L	10.00		95.1	70-130	6.40	25	
2-Hexanone (MBK)	83.6	10	µg/L	100.0		83.6	70-160	4.41	25	†
Isopropylbenzene (Cumene)	9.17	1.0	µg/L	10.00		91.7	70-130	7.23	25	
p-Isopropyltoluene (p-Cymene)	8.97	1.0	µg/L	10.00		89.7	70-130	1.57	25	
Methyl Acetate	11.6	1.0	µg/L	10.00		116	70-130	9.60	25	V-20
Methyl tert-Butyl Ether (MTBE)	8.50	1.0	µg/L	10.00		85.0	70-130	6.60	25	
Methyl Cyclohexane	8.82	1.0	µg/L	10.00		88.2	70-130	10.6	25	
Methylene Chloride	8.98	5.0	µg/L	10.00		89.8	70-130	0.00	25	
4-Methyl-2-pentanone (MIBK)	88.2	10	µg/L	100.0		88.2	70-160	1.02	25	†
Naphthalene	5.67	2.0	µg/L	10.00		56.7	40-130	3.81	25	V-05 †
n-Propylbenzene	9.32	1.0	µg/L	10.00		93.2	70-130	6.31	25	
Styrene	8.94	1.0	µg/L	10.00		89.4	70-130	1.35	25	
1,1,2,2-Tetrachloroethane	9.40	0.50	µg/L	10.00		94.0	70-130	3.24	25	
Tetrachloroethylene	9.87	1.0	µg/L	10.00		98.7	70-130	7.24	25	
Toluene	9.96	1.0	µg/L	10.00		99.6	70-130	7.18	25	
1,2,3-Trichlorobenzene	8.65	5.0	µg/L	10.00		86.5	70-130	3.41	25	
1,2,4-Trichlorobenzene	8.12	1.0	µg/L	10.00		81.2	70-130	0.00	25	
1,1,1-Trichloroethane	9.37	1.0	µg/L	10.00		93.7	70-130	6.96	25	
1,1,2-Trichloroethane	10.4	1.0	µg/L	10.00		104	70-130	8.90	25	
Trichloroethylene	9.46	1.0	µg/L	10.00		94.6	70-130	7.34	25	
Trichlorofluoromethane (Freon 11)	8.57	2.0	µg/L	10.00		85.7	70-130	0.00	25	
1,2,3-Trichloropropane	10.2	2.0	µg/L	10.00		102	70-130	0.00	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.62	1.0	µg/L	10.00		86.2	70-130	0.809	25	
1,2,4-Trimethylbenzene	9.00	1.0	µg/L	10.00		90.0	70-130	4.89	25	
1,3,5-Trimethylbenzene	9.40	1.0	µg/L	10.00		94.0	70-130	8.43	25	
Vinyl Chloride	7.45	2.0	µg/L	10.00		74.5	40-160	0.402	25	†
m+p Xylene	18.7	2.0	µg/L	20.00		93.6	70-130	5.21	25	
o-Xylene	9.20	1.0	µg/L	10.00		92.0	70-130	5.47	25	
Xylenes (total)	27.9	1.0	µg/L	30.00		93.0	0-200	5.30		
Surrogate: 1,2-Dichloroethane-d4	23.4		µg/L	25.00		93.6	70-130			
Surrogate: Toluene-d8	25.5		µg/L	25.00		102	70-130			
Surrogate: 4-Bromofluorobenzene	24.2		µg/L	25.00		97.0	70-130			
Matrix Spike (B391256-MS1)										
Prepared & Analyzed: 11/04/24										
Acetone	95.8	50	µg/L	100.0	ND	95.8	70-130			
Benzene	11.6	1.0	µg/L	10.00	ND	116	70-130			
Bromochloromethane	12.2	1.0	µg/L	10.00	ND	122	70-130			
Bromodichloromethane	11.0	0.50	µg/L	10.00	ND	110	70-130			
Bromoform	8.23	1.0	µg/L	10.00	ND	82.3	70-130			
Bromomethane	14.0	2.0	µg/L	10.00	ND	140 *	70-130			MS-15
2-Butanone (MEK)	92.9	20	µg/L	100.0	ND	92.9	70-130			
n-Butylbenzene	8.17	1.0	µg/L	10.00	ND	81.7	70-130			
sec-Butylbenzene	9.60	1.0	µg/L	10.00	ND	96.0	70-130			
tert-Butylbenzene	9.52	1.0	µg/L	10.00	ND	95.2	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 B391256 - SW-846 5030B										
Matrix Spike (B391256-MS1)	Source: 24J4052-12			Prepared & Analyzed: 11/04/24						
Carbon Disulfide	116	5.0	µg/L	100.0	ND	116	70-130			L-04
Carbon Tetrachloride	11.4	5.0	µg/L	10.00	ND	114	70-130			
Chlorobenzene	11.6	1.0	µg/L	10.00	ND	116	70-130			
Chlorodibromomethane	9.92	0.50	µg/L	10.00	ND	99.2	70-130			
Chloroethane	12.1	2.0	µg/L	10.00	ND	121	70-130			
Chloroform	11.3	2.0	µg/L	10.00	ND	113	70-130			
Chloromethane	14.2	2.0	µg/L	10.00	ND	142	70-130	*		MS-15, V-20
Cyclohexane	10.8	5.0	µg/L	10.00	ND	108	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	7.43	5.0	µg/L	10.00	ND	74.3	70-130			
1,2-Dibromoethane (EDB)	9.78	0.50	µg/L	10.00	ND	97.8	70-130			
1,2-Dichlorobenzene	10.1	1.0	µg/L	10.00	ND	101	70-130			
1,3-Dichlorobenzene	10.3	1.0	µg/L	10.00	ND	103	70-130			
1,4-Dichlorobenzene	9.18	1.0	µg/L	10.00	ND	91.8	70-130			
Dichlorodifluoromethane (Freon 12)	11.8	2.0	µg/L	10.00	ND	118	70-130			
1,1-Dichloroethane	12.2	1.0	µg/L	10.00	ND	122	70-130			
1,2-Dichloroethane	11.6	1.0	µg/L	10.00	ND	116	70-130			
1,1-Dichloroethylene	12.7	1.0	µg/L	10.00	ND	127	70-130			
cis-1,2-Dichloroethylene	10.8	1.0	µg/L	10.00	ND	108	70-130			
trans-1,2-Dichloroethylene	11.5	1.0	µg/L	10.00	ND	115	70-130			
1,2-Dichloropropane	10.8	1.0	µg/L	10.00	ND	108	70-130			
cis-1,3-Dichloropropene	9.28	0.50	µg/L	10.00	ND	92.8	70-130			
trans-1,3-Dichloropropene	8.46	0.50	µg/L	10.00	ND	84.6	70-130			
Ethylbenzene	10.6	1.0	µg/L	10.00	ND	106	70-130			
2-Hexanone (MBK)	76.5	10	µg/L	100.0	ND	76.5	70-130			
Isopropylbenzene (Cumene)	9.77	1.0	µg/L	10.00	ND	97.7	70-130			
p-Isopropyltoluene (p-Cymene)	9.32	1.0	µg/L	10.00	ND	93.2	70-130			
Methyl Acetate	12.1	1.0	µg/L	10.00	ND	121	70-130			V-20
Methyl tert-Butyl Ether (MTBE)	10.2	1.0	µg/L	10.00	ND	102	70-130			
Methyl Cyclohexane	10.9	1.0	µg/L	10.00	ND	109	70-130			
Methylene Chloride	12.1	5.0	µg/L	10.00	ND	121	70-130			
4-Methyl-2-pentanone (MIBK)	86.6	10	µg/L	100.0	ND	86.6	70-130			
Naphthalene	2.46	2.0	µg/L	10.00	ND	24.6	70-130	*		R-06, V-05, MS-09
n-Propylbenzene	9.73	1.0	µg/L	10.00	ND	97.3	70-130			
Styrene	9.06	1.0	µg/L	10.00	ND	90.6	70-130			
1,1,2,2-Tetrachloroethane	9.77	0.50	µg/L	10.00	ND	97.7	70-130			
Tetrachloroethylene	12.6	1.0	µg/L	10.00	0.710	119	70-130			
Toluene	11.3	1.0	µg/L	10.00	ND	113	70-130			
1,2,3-Trichlorobenzene	5.85	5.0	µg/L	10.00	ND	58.5	70-130	*		MS-24
1,2,4-Trichlorobenzene	5.16	1.0	µg/L	10.00	ND	51.6	70-130	*		MS-09
1,1,1-Trichloroethane	11.4	1.0	µg/L	10.00	ND	114	70-130			
1,1,2-Trichloroethane	10.8	1.0	µg/L	10.00	ND	108	70-130			
Trichloroethylene	11.4	1.0	µg/L	10.00	ND	114	70-130			
Trichlorofluoromethane (Freon 11)	13.0	2.0	µg/L	10.00	ND	130	70-130			
1,2,3-Trichloropropane	8.78	2.0	µg/L	10.00	ND	87.8	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.0	1.0	µg/L	10.00	ND	120	70-130			
1,2,4-Trimethylbenzene	9.64	1.0	µg/L	10.00	ND	96.4	70-130			
1,3,5-Trimethylbenzene	10.0	1.0	µg/L	10.00	ND	100	70-130			
Vinyl Chloride	11.8	2.0	µg/L	10.00	ND	118	70-130			
m+p Xylene	21.1	2.0	µg/L	20.00	ND	105	70-130			
o-Xylene	9.95	1.0	µg/L	10.00	ND	99.5	70-130			
Xylenes (total)	31.0	1.0	µg/L	30.00	ND	103	0-200			

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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 B391256 - SW-846 5030B										
Matrix Spike (B391256-MS1)		Source: 24J4052-12			Prepared & Analyzed: 11/04/24					
Surrogate: 1,2-Dichloroethane-d4	25.4		µg/L	25.00		102	70-130			
Surrogate: Toluene-d8	25.4		µg/L	25.00		101	70-130			
Surrogate: 4-Bromofluorobenzene	23.0		µg/L	25.00		92.2	70-130			
Matrix Spike Dup (B391256-MSD1)		Source: 24J4052-12			Prepared & Analyzed: 11/04/24					
Acetone	99.2	50	µg/L	100.0	ND	99.2	70-130	3.45	30	
Benzene	10.8	1.0	µg/L	10.00	ND	108	70-130	6.69	30	
Bromochloromethane	11.5	1.0	µg/L	10.00	ND	115	70-130	5.91	30	
Bromodichloromethane	10.6	0.50	µg/L	10.00	ND	106	70-130	3.89	30	
Bromoform	8.41	1.0	µg/L	10.00	ND	84.1	70-130	2.16	30	
Bromomethane	14.3	2.0	µg/L	10.00	ND	143	* 70-130	2.33	30	MS-15
2-Butanone (MEK)	95.5	20	µg/L	100.0	ND	95.5	70-130	2.76	30	
n-Butylbenzene	8.41	1.0	µg/L	10.00	ND	84.1	70-130	2.90	30	
sec-Butylbenzene	9.53	1.0	µg/L	10.00	ND	95.3	70-130	0.732	30	
tert-Butylbenzene	9.34	1.0	µg/L	10.00	ND	93.4	70-130	1.91	30	
Carbon Disulfide	112	5.0	µg/L	100.0	ND	112	70-130	3.30	30	L-04
Carbon Tetrachloride	10.8	5.0	µg/L	10.00	ND	108	70-130	4.87	30	
Chlorobenzene	11.0	1.0	µg/L	10.00	ND	110	70-130	4.42	30	
Chlorodibromomethane	10.0	0.50	µg/L	10.00	ND	100	70-130	1.20	30	
Chloroethane	11.5	2.0	µg/L	10.00	ND	115	70-130	5.07	30	
Chloroform	10.8	2.0	µg/L	10.00	ND	108	70-130	4.79	30	
Chloromethane	13.2	2.0	µg/L	10.00	ND	132	* 70-130	6.79	30	MS-15, V-20
Cyclohexane	10.5	5.0	µg/L	10.00	ND	105	70-130	2.35	30	
1,2-Dibromo-3-chloropropane (DBCP)	7.04	5.0	µg/L	10.00	ND	70.4	70-130	5.39	30	
1,2-Dibromoethane (EDB)	9.96	0.50	µg/L	10.00	ND	99.6	70-130	1.82	30	
1,2-Dichlorobenzene	10.4	1.0	µg/L	10.00	ND	104	70-130	2.93	30	
1,3-Dichlorobenzene	10.1	1.0	µg/L	10.00	ND	101	70-130	1.67	30	
1,4-Dichlorobenzene	10.1	1.0	µg/L	10.00	ND	101	70-130	9.74	30	
Dichlorodifluoromethane (Freon 12)	11.1	2.0	µg/L	10.00	ND	111	70-130	6.05	30	
1,1-Dichloroethane	11.6	1.0	µg/L	10.00	ND	116	70-130	5.29	30	
1,2-Dichloroethane	11.1	1.0	µg/L	10.00	ND	111	70-130	4.14	30	
1,1-Dichloroethylene	11.8	1.0	µg/L	10.00	ND	118	70-130	6.93	30	
cis-1,2-Dichloroethylene	10.3	1.0	µg/L	10.00	ND	103	70-130	5.49	30	
trans-1,2-Dichloroethylene	11.3	1.0	µg/L	10.00	ND	113	70-130	1.85	30	
1,2-Dichloropropane	10.2	1.0	µg/L	10.00	ND	102	70-130	4.96	30	
cis-1,3-Dichloropropene	8.99	0.50	µg/L	10.00	ND	89.9	70-130	3.17	30	
trans-1,3-Dichloropropene	8.45	0.50	µg/L	10.00	ND	84.5	70-130	0.118	30	
Ethylbenzene	10.4	1.0	µg/L	10.00	ND	104	70-130	1.05	30	
2-Hexanone (MBK)	78.6	10	µg/L	100.0	ND	78.6	70-130	2.77	30	
Isopropylbenzene (Cumene)	9.93	1.0	µg/L	10.00	ND	99.3	70-130	1.62	30	
p-Isopropyltoluene (p-Cymene)	9.18	1.0	µg/L	10.00	ND	91.8	70-130	1.51	30	
Methyl Acetate	11.9	1.0	µg/L	10.00	ND	119	70-130	1.25	30	V-20
Methyl tert-Butyl Ether (MTBE)	10.2	1.0	µg/L	10.00	ND	102	70-130	0.980	30	
Methyl Cyclohexane	11.0	1.0	µg/L	10.00	ND	110	70-130	0.183	30	
Methylene Chloride	11.5	5.0	µg/L	10.00	ND	115	70-130	5.24	30	
4-Methyl-2-pentanone (MIBK)	88.6	10	µg/L	100.0	ND	88.6	70-130	2.28	30	
Naphthalene	3.38	2.0	µg/L	10.00	ND	33.8	* 70-130	31.5	* 30	MS-09, R-06, V-05
n-Propylbenzene	9.95	1.0	µg/L	10.00	ND	99.5	70-130	2.24	30	
Styrene	8.97	1.0	µg/L	10.00	ND	89.7	70-130	0.998	30	
1,1,2,2-Tetrachloroethane	9.80	0.50	µg/L	10.00	ND	98.0	70-130	0.307	30	
Tetrachloroethylene	12.2	1.0	µg/L	10.00	0.710	115	70-130	3.30	30	
Toluene	11.1	1.0	µg/L	10.00	ND	111	70-130	1.43	30	

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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 B391256 - SW-846 5030B										
Matrix Spike Dup (B391256-MSD1)		Source: 24J4052-12			Prepared & Analyzed: 11/04/24					
1,2,3-Trichlorobenzene	7.24	5.0	µg/L	10.00	ND	72.4	70-130	21.2	30	
1,2,4-Trichlorobenzene	6.41	1.0	µg/L	10.00	ND	64.1 *	70-130	21.6	30	MS-09
1,1,1-Trichloroethane	10.8	1.0	µg/L	10.00	ND	108	70-130	4.95	30	
1,1,2-Trichloroethane	10.5	1.0	µg/L	10.00	ND	105	70-130	2.53	30	
Trichloroethylene	10.9	1.0	µg/L	10.00	ND	109	70-130	4.56	30	
Trichlorofluoromethane (Freon 11)	12.8	2.0	µg/L	10.00	ND	128	70-130	1.86	30	
1,2,3-Trichloropropane	10.4	2.0	µg/L	10.00	ND	104	70-130	16.8	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.5	1.0	µg/L	10.00	ND	115	70-130	4.68	30	
1,2,4-Trimethylbenzene	9.57	1.0	µg/L	10.00	ND	95.7	70-130	0.729	30	
1,3,5-Trimethylbenzene	10.2	1.0	µg/L	10.00	ND	102	70-130	2.17	30	
Vinyl Chloride	11.4	2.0	µg/L	10.00	ND	114	70-130	3.02	30	
m+p Xylene	20.7	2.0	µg/L	20.00	ND	103	70-130	2.06	20	
o-Xylene	9.86	1.0	µg/L	10.00	ND	98.6	70-130	0.909	30	
Xylenes (total)	30.5	1.0	µg/L	30.00	ND	102	0-200	1.69		
Surrogate: 1,2-Dichloroethane-d4	26.0		µg/L	25.00		104	70-130			
Surrogate: Toluene-d8	26.3		µg/L	25.00		105	70-130			
Surrogate: 4-Bromofluorobenzene	23.7		µg/L	25.00		94.9	70-130			

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QUALITY CONTROL

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B391313 - Draft Method 1633										
Blank (B391313-BLK1)										
Prepared: 11/08/24 Analyzed: 11/11/24										
Perfluorobutanoic acid (PFBA)	ND	4.0	ng/L							
Perfluoropentanoic acid (PFPeA)	ND	2.0	ng/L							
Perfluorohexanoic acid (PFHxA)	ND	0.99	ng/L							
Perfluoroheptanoic acid (PFHpA)	ND	0.99	ng/L							
Perfluorooctanoic acid (PFOA)	ND	0.99	ng/L							
Perfluorononanoic acid (PFNA)	ND	0.99	ng/L							
Perfluorodecanoic acid (PFDA)	ND	0.99	ng/L							
Perfluoroundecanoic acid (PFUnA)	ND	0.99	ng/L							
Perfluorododecanoic acid (PFDoA)	ND	0.99	ng/L							
Perfluorotridecanoic acid (PFTrDA)	ND	0.99	ng/L							
Perfluorotetradecanoic acid (PFTeDA)	ND	0.99	ng/L							
Perfluorobutanesulfonic acid (PFBS)	ND	0.99	ng/L							
Perfluoropentanesulfonic acid (PFPeS)	ND	0.99	ng/L							
Perfluorohexanesulfonic acid (PFHxS)	ND	0.99	ng/L							
Perfluoroheptanesulfonic acid (PFHpS)	ND	0.99	ng/L							
Perfluorooctanesulfonic acid (PFOS)	ND	0.99	ng/L							
Perfluorononanesulfonic acid (PFNS)	ND	0.99	ng/L							
Perfluorodecanesulfonic acid (PFDS)	ND	0.99	ng/L							
Perfluorododecanesulfonic acid (PFDoS)	ND	0.99	ng/L							
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	4.0	ng/L							
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	4.0	ng/L							
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	4.0	ng/L							
Perfluorooctanesulfonamide (PFOSA)	ND	0.99	ng/L							
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	0.99	ng/L							
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	0.99	ng/L							
N-MeFOSAA (NMeFOSAA)	ND	0.99	ng/L							
N-EtFOSAA (NEtFOSAA)	ND	0.99	ng/L							
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	9.9	ng/L							
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	9.9	ng/L							
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	4.0	ng/L							
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	4.0	ng/L							
9Cl-PF3ONS (F53B Minor)	ND	4.0	ng/L							
11Cl-PF3OUdS (F53B Major)	ND	4.0	ng/L							
3-Perfluoropropyl propanoic acid (FPPrPA) (3:3FTCA)	ND	9.9	ng/L							
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	49	ng/L							
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	ND	49	ng/L							
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	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	83.1		ng/L	98.98		84.0	10-130			

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QUALITY CONTROL
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B391313 - Draft Method 1633										
Blank (B391313-BLK1)										
Prepared: 11/08/24 Analyzed: 11/11/24										
Surrogate: 13C5-PFPeA	41.9		ng/L	49.49		84.7	35-150			
Surrogate: 13C5-PFHxA	20.7		ng/L	24.74		83.8	55-150			
Surrogate: 13C4-PFHpA	21.0		ng/L	24.74		84.9	55-150			
Surrogate: 13C8-PFOA	21.1		ng/L	24.74		85.2	60-140			
Surrogate: 13C9-PFNA	10.4		ng/L	12.37		84.2	55-140			
Surrogate: 13C6-PFDA	11.4		ng/L	12.37		92.0	50-140			
Surrogate: 13C7-PFUnA	10.6		ng/L	12.37		86.0	30-140			
Surrogate: 13C2-PFDoA	10.3		ng/L	12.37		83.3	10-150			
Surrogate: 13C2-PFTeDA	10.8		ng/L	12.37		87.6	10-130			
Surrogate: 13C3-PFBS	24.3		ng/L	24.74		98.2	55-150			
Surrogate: 13C3-PFHxS	21.2		ng/L	24.74		85.7	55-150			
Surrogate: 13C8-PFOS	20.1		ng/L	24.74		81.4	45-140			
Surrogate: 13C2-4:2FTS	46.7		ng/L	49.49		94.4	60-200			
Surrogate: 13C2-6:2FTS	43.2		ng/L	49.49		87.3	60-200			
Surrogate: 13C2-8:2FTS	41.5		ng/L	49.49		83.9	50-200			
Surrogate: 13C8-PFOA	18.7		ng/L	24.74		75.7	30-130			
Surrogate: D3-NMeFOSA	16.9		ng/L	24.74		68.4	15-130			
Surrogate: D5-NEtFOSA	17.8		ng/L	24.74		71.9	10-130			
Surrogate: D3-NMeFOSAA	42.5		ng/L	49.49		86.0	45-200			
Surrogate: D5-NEtFOSAA	41.7		ng/L	49.49		84.3	10-200			
Surrogate: D7-NMeFOSE	183		ng/L	247.4		74.1	10-150			
Surrogate: D9-NEtFOSE	182		ng/L	247.4		73.4	10-150			
Surrogate: 13C3-HFPO-DA	104		ng/L	98.98		105	25-160			
LCS (B391313-BS1)										
Prepared: 11/08/24 Analyzed: 11/11/24										
Perfluorobutanoic acid (PFBA)	103	3.9	ng/L	94.16		109	58-148			
Perfluoropentanoic acid (PFPeA)	49.4	2.0	ng/L	47.08		105	54-152			
Perfluorohexanoic acid (PFHxA)	25.2	0.98	ng/L	23.54		107	55-152			
Perfluoroheptanoic acid (PFHpA)	25.0	0.98	ng/L	23.54		106	54-154			
Perfluorooctanoic acid (PFOA)	24.7	0.98	ng/L	23.54		105	52-161			
Perfluorononanoic acid (PFNA)	25.3	0.98	ng/L	23.54		107	59-149			
Perfluorodecanoic acid (PFDA)	24.4	0.98	ng/L	23.54		104	52-147			
Perfluoroundecanoic acid (PFUnA)	25.1	0.98	ng/L	23.54		107	48-159			
Perfluorododecanoic acid (PFDoA)	25.5	0.98	ng/L	23.54		108	64-142			
Perfluorotridecanoic acid (PFTrDA)	25.8	0.98	ng/L	23.54		109	49-148			
Perfluorotetradecanoic acid (PFTeDA)	25.9	0.98	ng/L	23.54		110	47-161			
Perfluorobutanesulfonic acid (PFBS)	21.2	0.98	ng/L	20.88		102	62-144			
Perfluoropentanesulfonic acid (PFPeS)	23.6	0.98	ng/L	22.15		107	59-151			
Perfluorohexanesulfonic acid (PFHxS)	22.5	0.98	ng/L	21.52		105	57-146			
Perfluoroheptanesulfonic acid (PFHpS)	23.1	0.98	ng/L	22.43		103	55-152			
Perfluorooctanesulfonic acid (PFOS)	22.3	0.98	ng/L	21.84		102	58-149			
Perfluorononanesulfonic acid (PFNS)	22.5	0.98	ng/L	22.65		99.3	52-148			
Perfluorodecanesulfonic acid (PFDS)	23.3	0.98	ng/L	22.72		103	51-147			
Perfluorododecanesulfonic acid (PFDoS)	22.8	0.98	ng/L	22.83		100	36-145			
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	102	3.9	ng/L	88.27		115	67-146			
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	106	3.9	ng/L	89.45		118	61-151			
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	107	3.9	ng/L	90.39		118	63-152			
Perfluorooctanesulfonamide (PFOSA)	24.8	0.98	ng/L	23.54		105	61-148			
N-methyl perfluorooctanesulfonamide (NMeFOSA)	25.1	0.98	ng/L	23.54		106	63-145			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B391313 - Draft Method 1633										
LCS (B391313-BS1)										
				Prepared: 11/08/24 Analyzed: 11/11/24						
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	24.0	0.98	ng/L	23.54		102	65-139			
N-MeFOSAA (NMeFOSAA)	23.7	0.98	ng/L	23.54		101	58-144			
N-EtFOSAA (NEtFOSAA)	24.7	0.98	ng/L	23.54		105	59-146			
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	257	9.8	ng/L	235.4		109	71-136			
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	259	9.8	ng/L	235.4		110	69-137			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	93.7	3.9	ng/L	94.16		99.6	63-144			
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	73.9	3.9	ng/L	88.98		83.0	68-146			
9Cl-PF3ONS (F53B Minor)	67.7	3.9	ng/L	88.04		76.9	56-156			
11Cl-PF3OUdS (F53B Major)	69.7	3.9	ng/L	88.98		78.3	46-156			
3-Perfluoropropyl propanoic acid (FPPrPA) (3:3FTCA)	282	9.8	ng/L	235.4		120	62-129			
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA) (5:3FTCA)	1320	49	ng/L	1177		112	63-134			
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	1150	49	ng/L	1177		97.7	50-138			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	47.2	2.0	ng/L	41.90		113	56-151			
Perfluoro-3-methoxypropanoic acid (PFMPA)	50.4	2.0	ng/L	47.08		107	51-145			
Perfluoro-4-methoxybutanoic acid (PFMBA)	51.7	2.0	ng/L	47.08		110	55-148			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	57.6	2.0	ng/L	47.08		122	48-161			
Surrogate: 13C4-PFBA	81.4		ng/L	98.08		83.0	10-130			
Surrogate: 13C5-PFPeA	38.9		ng/L	49.04		79.4	35-150			
Surrogate: 13C5-PFHxA	18.9		ng/L	24.52		77.1	55-150			
Surrogate: 13C4-PFHpA	19.1		ng/L	24.52		78.0	55-150			
Surrogate: 13C8-PFOA	20.3		ng/L	24.52		82.7	60-140			
Surrogate: 13C9-PFNA	10.1		ng/L	12.26		82.6	55-140			
Surrogate: 13C6-PFDA	10.3		ng/L	12.26		83.7	50-140			
Surrogate: 13C7-PFUnA	9.90		ng/L	12.26		80.8	30-140			
Surrogate: 13C2-PFDoA	9.18		ng/L	12.26		74.9	10-150			
Surrogate: 13C2-PFTeDA	9.12		ng/L	12.26		74.4	10-130			
Surrogate: 13C3-PFBS	22.0		ng/L	24.52		89.9	55-150			
Surrogate: 13C3-PFHxS	20.4		ng/L	24.52		83.3	55-150			
Surrogate: 13C8-PFOS	21.3		ng/L	24.52		86.7	45-140			
Surrogate: 13C2-4:2FTS	41.9		ng/L	49.04		85.4	60-200			
Surrogate: 13C2-6:2FTS	39.4		ng/L	49.04		80.3	60-200			
Surrogate: 13C2-8:2FTS	37.9		ng/L	49.04		77.2	50-200			
Surrogate: 13C8-PFOSA	17.7		ng/L	24.52		72.3	30-130			
Surrogate: D3-NMeFOSAA	15.7		ng/L	24.52		64.2	15-130			
Surrogate: D5-NEtFOSA	16.6		ng/L	24.52		67.8	10-130			
Surrogate: D3-NMeFOSAA	43.3		ng/L	49.04		88.2	45-200			
Surrogate: D5-NEtFOSAA	42.7		ng/L	49.04		87.1	10-200			
Surrogate: D7-NMeFOSE	173		ng/L	245.2		70.5	10-150			
Surrogate: D9-NEtFOSE	169		ng/L	245.2		68.8	10-150			
Surrogate: 13C3-HFPO-DA	97.1		ng/L	98.08		99.0	25-160			
MRL Check (B391313-MRL1)										
				Prepared: 11/08/24 Analyzed: 11/11/24						
Perfluorobutanoic acid (PFBA)	6.99	4.0	ng/L	7.919		88.3	44-157			
Perfluoropentanoic acid (PFPeA)	3.47	2.0	ng/L	3.959		87.6	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 B391313 - Draft Method 1633										
MRL Check (B391313-MRL1)										
Prepared: 11/08/24 Analyzed: 11/11/24										
Perfluorohexanoic acid (PFHxA)	1.92	0.99	ng/L	1.980		97.2	62-149			
Perfluoroheptanoic acid (PFHpA)	1.73	0.99	ng/L	1.980		87.2	56-150			
Perfluorooctanoic acid (PFOA)	1.78	0.99	ng/L	1.980		89.8	57-161			
Perfluorononanoic acid (PFNA)	1.77	0.99	ng/L	1.980		89.2	53-157			
Perfluorodecanoic acid (PFDA)	1.74	0.99	ng/L	1.980		88.0	43-158			
Perfluoroundecanoic acid (PFUnA)	1.84	0.99	ng/L	1.980		93.2	50-155			
Perfluorododecanoic acid (PFDoA)	1.74	0.99	ng/L	1.980		87.9	60-141			
Perfluorotridecanoic acid (PFTrDA)	1.73	0.99	ng/L	1.980		87.5	52-140			
Perfluorotetradecanoic acid (PFTeDA)	1.81	0.99	ng/L	1.980		91.5	52-156			
Perfluorobutanesulfonic acid (PFBS)	1.54	0.99	ng/L	1.756		87.7	63-145			
Perfluoropentanesulfonic acid (PFPeS)	1.78	0.99	ng/L	1.863		95.4	58-144			
Perfluorohexanesulfonic acid (PFHxS)	1.69	0.99	ng/L	1.809		93.4	44-158			
Perfluoroheptanesulfonic acid (PFHpS)	1.88	0.99	ng/L	1.887		99.5	51-150			
Perfluorooctanesulfonic acid (PFOS)	1.64	0.99	ng/L	1.837		89.2	43-162			
Perfluorononanesulfonic acid (PFNS)	1.70	0.99	ng/L	1.904		89.2	46-151			
Perfluorodecanesulfonic acid (PFDS)	1.71	0.99	ng/L	1.910		89.6	50-144			
Perfluorododecanesulfonic acid (PFDoS)	1.69	0.99	ng/L	1.920		88.2	30-138			
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	7.10	4.0	ng/L	7.424		95.6	52-158			
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	7.61	4.0	ng/L	7.523		101	48-158			
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	7.12	4.0	ng/L	7.602		93.6	46-165			
Perfluorooctanesulfonamide (PFOSA)	1.84	0.99	ng/L	1.980		92.9	47-163			
N-methyl perfluorooctanesulfonamide (NMeFOSA)	1.80	0.99	ng/L	1.980		90.8	54-155			
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	1.72	0.99	ng/L	1.980		86.8	49-156			
N-MeFOSAA (NMeFOSAA)	2.24	0.99	ng/L	1.980		113	32-160			
N-EtFOSAA (NEtFOSAA)	1.96	0.99	ng/L	1.980		99.1	51-154			
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	18.0	9.9	ng/L	19.80		90.8	56-151			
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	18.1	9.9	ng/L	19.80		91.7	60-147			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	7.96	4.0	ng/L	7.919		101	58-154			
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	5.86	4.0	ng/L	7.483		78.3	61-148			
9Cl-PF3ONS (F53B Minor)	5.33	4.0	ng/L	7.404		72.0	44-167			
11Cl-PF3OUdS (F53B Major)	5.49	4.0	ng/L	7.483		73.4	36-158			
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	18.9	9.9	ng/L	19.80		95.7	32-161			
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	81.5	49	ng/L	98.98		82.3	39-156			
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	73.3	49	ng/L	98.98		74.1	36-149			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	3.69	2.0	ng/L	3.524		105	56-144			
Perfluoro-3-methoxypropanoic acid (PFMPA)	4.17	2.0	ng/L	3.959		105	48-150			
Perfluoro-4-methoxybutanoic acid (PFMBA)	4.18	2.0	ng/L	3.959		106	49-154			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	4.82	2.0	ng/L	3.959		122	47-160			
Surrogate: 13C4-PFBA	87.6		ng/L	98.98		88.5	10-130			
Surrogate: 13C5-PFPeA	39.7		ng/L	49.49		80.3	35-150			
Surrogate: 13C5-PFHxA	19.4		ng/L	24.75		78.6	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
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Batch B391313 - Draft Method 1633
MRL Check (B391313-MRL1)

Prepared: 11/08/24 Analyzed: 11/11/24

Surrogate: 13C4-PFHpA	19.6		ng/L	24.75		79.4	55-150			
Surrogate: 13C8-PFOA	20.1		ng/L	24.75		81.0	60-140			
Surrogate: 13C9-PFNA	9.71		ng/L	12.37		78.5	55-140			
Surrogate: 13C6-PFDA	10.3		ng/L	12.37		82.9	50-140			
Surrogate: 13C7-PFUnA	9.75		ng/L	12.37		78.8	30-140			
Surrogate: 13C2-PFDoA	9.59		ng/L	12.37		77.5	10-150			
Surrogate: 13C2-PFTeDA	9.52		ng/L	12.37		76.9	10-130			
Surrogate: 13C3-PFBS	22.0		ng/L	24.75		88.9	55-150			
Surrogate: 13C3-PFHxS	20.3		ng/L	24.75		81.9	55-150			
Surrogate: 13C8-PFOS	19.1		ng/L	24.75		77.3	45-140			
Surrogate: 13C2-4:2FTS	42.1		ng/L	49.49		85.1	60-200			
Surrogate: 13C2-6:2FTS	40.2		ng/L	49.49		81.3	60-200			
Surrogate: 13C2-8:2FTS	39.9		ng/L	49.49		80.6	50-200			
Surrogate: 13C8-PFOA	16.8		ng/L	24.75		67.8	30-130			
Surrogate: D3-NMeFOA	15.7		ng/L	24.75		63.4	15-130			
Surrogate: D5-NEtFOA	16.8		ng/L	24.75		67.9	10-130			
Surrogate: D3-NMeFOA	38.3		ng/L	49.49		77.4	45-200			
Surrogate: D5-NEtFOA	39.0		ng/L	49.49		78.7	10-200			
Surrogate: D7-NMeFOE	172		ng/L	247.5		69.7	10-150			
Surrogate: D9-NEtFOE	166		ng/L	247.5		67.0	10-150			
Surrogate: 13C3-HFPO-DA	95.1		ng/L	98.98		96.1	25-160			

Batch B392231 - Draft Method 1633
Blank (B392231-BLK1)

Prepared: 11/14/24 Analyzed: 11/18/24

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							PF-17C
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	3.9	ng/L							PF-17C
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	3.9	ng/L							PF-17C
Perfluorooctanesulfonamide (PFOSA)	ND	0.98	ng/L							
N-methyl perfluorooctanesulfonamide (NMeFOA)	ND	0.98	ng/L							

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B392231 - Draft Method 1633										
Blank (B392231-BLK1)										
Prepared: 11/14/24 Analyzed: 11/18/24										
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 (FPPrPA) (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 (PFEEESA)	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	76.4		ng/L	98.04		77.9	10-130			
Surrogate: 13C5-PFPeA	38.0		ng/L	49.02		77.6	35-150			
Surrogate: 13C5-PFHxA	18.9		ng/L	24.51		77.2	55-150			
Surrogate: 13C4-PFHpA	18.4		ng/L	24.51		75.0	55-150			
Surrogate: 13C8-PFOA	19.0		ng/L	24.51		77.5	60-140			
Surrogate: 13C9-PFNA	9.84		ng/L	12.25		80.3	55-140			
Surrogate: 13C6-PFDA	8.91		ng/L	12.25		72.7	50-140			
Surrogate: 13C7-PFUnA	8.79		ng/L	12.25		71.7	30-140			
Surrogate: 13C2-PFDoA	8.19		ng/L	12.25		66.8	10-150			
Surrogate: 13C2-PFTeDA	7.30		ng/L	12.25		59.6	10-130			
Surrogate: 13C3-PFBS	20.3		ng/L	24.51		82.7	55-150			
Surrogate: 13C3-PFHxS	19.0		ng/L	24.51		77.5	55-150			
Surrogate: 13C8-PFOS	19.0		ng/L	24.51		77.6	45-140			
Surrogate: 13C2-4:2FTS	24.8		ng/L	49.02		50.7 *	60-200			PF-17C
Surrogate: 13C2-6:2FTS	26.7		ng/L	49.02		54.4 *	60-200			PF-17C
Surrogate: 13C2-8:2FTS	23.9		ng/L	49.02		48.7 *	50-200			PF-17C
Surrogate: 13C8-PFOA	19.0		ng/L	24.51		77.5	30-130			
Surrogate: D3-NMeFOSA	16.2		ng/L	24.51		66.2	15-130			
Surrogate: D5-NEtFOSA	17.3		ng/L	24.51		70.5	10-130			
Surrogate: D3-NMeFOSAA	46.5		ng/L	49.02		94.8	45-200			
Surrogate: D5-NEtFOSAA	40.3		ng/L	49.02		82.2	10-200			
Surrogate: D7-NMeFOSE	202		ng/L	245.1		82.5	10-150			
Surrogate: D9-NEtFOSE	199		ng/L	245.1		81.4	10-150			
Surrogate: 13C3-HFPO-DA	80.6		ng/L	98.04		82.2	25-160			
LCS (B392231-BS1)										
Prepared: 11/14/24 Analyzed: 11/18/24										
Perfluorobutanoic acid (PFBA)	101	4.0	ng/L	94.85		107	58-148			
Perfluoropentanoic acid (PFPeA)	49.9	2.0	ng/L	47.42		105	54-152			

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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 B392231 - Draft Method 1633										
LCS (B392231-BS1)										
				Prepared: 11/14/24 Analyzed: 11/18/24						
Perfluorohexanoic acid (PFHxA)	25.5	0.99	ng/L	23.71		107	55-152			
Perfluoroheptanoic acid (PFHpA)	24.9	0.99	ng/L	23.71		105	54-154			
Perfluorooctanoic acid (PFOA)	25.2	0.99	ng/L	23.71		106	52-161			
Perfluorononanoic acid (PFNA)	25.0	0.99	ng/L	23.71		105	59-149			
Perfluorodecanoic acid (PFDA)	24.8	0.99	ng/L	23.71		105	52-147			
Perfluoroundecanoic acid (PFUnA)	23.5	0.99	ng/L	23.71		99.1	48-159			
Perfluorododecanoic acid (PFDoA)	25.1	0.99	ng/L	23.71		106	64-142			
Perfluorotridecanoic acid (PFTrDA)	22.9	0.99	ng/L	23.71		96.4	49-148			
Perfluorotetradecanoic acid (PFTeDA)	25.5	0.99	ng/L	23.71		108	47-161			
Perfluorobutanesulfonic acid (PFBS)	21.6	0.99	ng/L	21.03		103	62-144			
Perfluoropentanesulfonic acid (PFPeS)	22.4	0.99	ng/L	22.31		100	59-151			
Perfluorohexanesulfonic acid (PFHxS)	21.7	0.99	ng/L	21.67		100	57-146			
Perfluoroheptanesulfonic acid (PFHpS)	24.5	0.99	ng/L	22.60		108	55-152			
Perfluorooctanesulfonic acid (PFOS)	23.2	0.99	ng/L	22.00		106	58-149			
Perfluorononanesulfonic acid (PFNS)	24.2	0.99	ng/L	22.81		106	52-148			
Perfluorodecanesulfonic acid (PFDS)	23.4	0.99	ng/L	22.88		102	51-147			
Perfluorododecanesulfonic acid (PFDoS)	22.0	0.99	ng/L	23.00		95.6	36-145			
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	93.9	4.0	ng/L	88.92		106	67-146			PF-17C
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	90.8	4.0	ng/L	90.11		101	61-151			PF-17C
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	88.8	4.0	ng/L	91.05		97.5	63-152			
Perfluorooctanesulfonamide (PFOSA)	24.9	0.99	ng/L	23.71		105	61-148			
N-methyl perfluorooctanesulfonamide (NMeFOSA)	23.0	0.99	ng/L	23.71		97.2	63-145			
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	22.6	0.99	ng/L	23.71		95.3	65-139			
N-MeFOSAA (NMeFOSAA)	24.4	0.99	ng/L	23.71		103	58-144			
N-EtFOSAA (NEtFOSAA)	24.9	0.99	ng/L	23.71		105	59-146			
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	256	9.9	ng/L	237.1		108	71-136			
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	255	9.9	ng/L	237.1		108	69-137			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	102	4.0	ng/L	94.85		107	63-144			
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	85.6	4.0	ng/L	89.63		95.6	68-146			
9Cl-PF3ONS (F53B Minor)	73.2	4.0	ng/L	88.68		82.5	56-156			
11Cl-PF3OUdS (F53B Major)	71.3	4.0	ng/L	89.63		79.6	46-156			
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	252	9.9	ng/L	237.1		106	62-129			
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	1210	49	ng/L	1186		102	63-134			
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	1040	49	ng/L	1186		88.1	50-138			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	48.1	2.0	ng/L	42.21		114	56-151			
Perfluoro-3-methoxypropanoic acid (PFMPA)	58.8	2.0	ng/L	47.42		124	51-145			
Perfluoro-4-methoxybutanoic acid (PFMBA)	62.6	2.0	ng/L	47.42		132	55-148			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	71.3	2.0	ng/L	47.42		150	48-161			
Surrogate: 13C4-PFBA	76.5		ng/L	98.80		77.4	10-130			
Surrogate: 13C5-PFPeA	38.1		ng/L	49.40		77.2	35-150			
Surrogate: 13C5-PFHxA	18.5		ng/L	24.70		74.8	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
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Batch B392231 - Draft Method 1633
LCS (B392231-BS1)

Prepared: 11/14/24 Analyzed: 11/18/24

Surrogate: 13C4-PFHpA	18.6		ng/L	24.70		75.3	55-150			
Surrogate: 13C8-PFOA	18.3		ng/L	24.70		74.2	60-140			
Surrogate: 13C9-PFNA	9.54		ng/L	12.35		77.2	55-140			
Surrogate: 13C6-PFDA	10.1		ng/L	12.35		81.6	50-140			
Surrogate: 13C7-PFUnA	9.48		ng/L	12.35		76.7	30-140			
Surrogate: 13C2-PFDoA	8.71		ng/L	12.35		70.5	10-150			
Surrogate: 13C2-PFTeDA	7.50		ng/L	12.35		60.8	10-130			
Surrogate: 13C3-PFBS	20.5		ng/L	24.70		83.1	55-150			
Surrogate: 13C3-PFHxS	19.9		ng/L	24.70		80.7	55-150			
Surrogate: 13C8-PFOS	20.1		ng/L	24.70		81.3	45-140			
Surrogate: 13C2-4:2FTS	26.7		ng/L	49.40		54.1 *	60-200			PF-17C
Surrogate: 13C2-6:2FTS	28.5		ng/L	49.40		57.8 *	60-200			PF-17C
Surrogate: 13C2-8:2FTS	26.5		ng/L	49.40		53.7	50-200			
Surrogate: 13C8-PFOA	19.8		ng/L	24.70		80.4	30-130			
Surrogate: D3-NMeFOSA	16.6		ng/L	24.70		67.0	15-130			
Surrogate: D5-NEtFOSA	17.7		ng/L	24.70		71.8	10-130			
Surrogate: D3-NMeFOSAA	51.0		ng/L	49.40		103	45-200			
Surrogate: D5-NEtFOSAA	44.0		ng/L	49.40		89.1	10-200			
Surrogate: D7-NMeFOSE	203		ng/L	247.0		82.0	10-150			
Surrogate: D9-NEtFOSE	197		ng/L	247.0		79.9	10-150			
Surrogate: 13C3-HFPO-DA	83.7		ng/L	98.80		84.7	25-160			

MRL Check (B392231-MRL1)

Prepared: 11/14/24 Analyzed: 11/18/24

Perfluorobutanoic acid (PFBA)	8.27	3.9	ng/L	7.896		105	44-157			
Perfluoropentanoic acid (PFPeA)	3.96	2.0	ng/L	3.948		100	57-148			
Perfluorohexanoic acid (PFHxA)	2.13	0.99	ng/L	1.974		108	62-149			
Perfluoroheptanoic acid (PFHpA)	1.96	0.99	ng/L	1.974		99.3	56-150			
Perfluorooctanoic acid (PFOA)	1.98	0.99	ng/L	1.974		100	57-161			
Perfluorononanoic acid (PFNA)	2.13	0.99	ng/L	1.974		108	53-157			
Perfluorodecanoic acid (PFDA)	2.00	0.99	ng/L	1.974		101	43-158			
Perfluoroundecanoic acid (PFUnA)	2.02	0.99	ng/L	1.974		102	50-155			
Perfluorododecanoic acid (PFDoA)	2.03	0.99	ng/L	1.974		103	60-141			
Perfluorotridecanoic acid (PFTrDA)	1.93	0.99	ng/L	1.974		98.0	52-140			
Perfluorotetradecanoic acid (PFTeDA)	2.05	0.99	ng/L	1.974		104	52-156			
Perfluorobutanesulfonic acid (PFBS)	1.71	0.99	ng/L	1.751		97.8	63-145			
Perfluoropentanesulfonic acid (PFPeS)	1.83	0.99	ng/L	1.858		98.3	58-144			
Perfluorohexanesulfonic acid (PFHxS)	2.01	0.99	ng/L	1.804		112	44-158			
Perfluoroheptanesulfonic acid (PFHpS)	2.00	0.99	ng/L	1.881		106	51-150			
Perfluorooctanesulfonic acid (PFOS)	2.14	0.99	ng/L	1.832		117	43-162			
Perfluorononanesulfonic acid (PFNS)	1.99	0.99	ng/L	1.899		105	46-151			
Perfluorodecanesulfonic acid (PFDS)	1.77	0.99	ng/L	1.905		92.9	50-144			
Perfluorododecanesulfonic acid (PFDoS)	1.80	0.99	ng/L	1.915		94.1	30-138			
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	7.69	3.9	ng/L	7.402		104	52-158			PF-17C
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	7.22	3.9	ng/L	7.501		96.3	48-158			PF-17C
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	7.23	3.9	ng/L	7.580		95.4	46-165			PF-17C
Perfluorooctanesulfonamide (PFOSA)	2.11	0.99	ng/L	1.974		107	47-163			
N-methyl perfluorooctanesulfonamide (NMeFOSA)	1.73	0.99	ng/L	1.974		87.5	54-155			
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	1.77	0.99	ng/L	1.974		89.5	49-156			
N-MeFOSAA (NMeFOSAA)	2.39	0.99	ng/L	1.974		121	32-160			

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

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B392231 - Draft Method 1633										
MRL Check (B392231-MRL1)										
Prepared: 11/14/24 Analyzed: 11/18/24										
N-EtFOSAA (NEtFOSAA)	2.17	0.99	ng/L	1.974		110	51-154			
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	20.1	9.9	ng/L	19.74		102	56-151			
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	20.0	9.9	ng/L	19.74		101	60-147			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	8.31	3.9	ng/L	7.896		105	58-154			
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	6.71	3.9	ng/L	7.462		89.9	61-148			
9Cl-PF3ONS (F53B Minor)	5.79	3.9	ng/L	7.383		78.4	44-167			
11Cl-PF3OUdS (F53B Major)	5.74	3.9	ng/L	7.462		76.9	36-158			
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	20.5	9.9	ng/L	19.74		104	32-161			
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA) (5:3FTCA)	98.3	49	ng/L	98.70		99.6	39-156			
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	83.6	49	ng/L	98.70		84.7	36-149			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	3.91	2.0	ng/L	3.514		111	56-144			
Perfluoro-3-methoxypropanoic acid (PFMPA)	4.85	2.0	ng/L	3.948		123	48-150			
Perfluoro-4-methoxybutanoic acid (PFMBA)	5.04	2.0	ng/L	3.948		128	49-154			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	6.30	2.0	ng/L	3.948		159	47-160			
Surrogate: 13C4-PFBA	71.5		ng/L	98.70		72.4	10-130			
Surrogate: 13C5-PFPeA	35.2		ng/L	49.35		71.4	35-150			
Surrogate: 13C5-PFHxA	17.0		ng/L	24.67		69.1	55-150			
Surrogate: 13C4-PFHpA	17.0		ng/L	24.67		69.0	55-150			
Surrogate: 13C8-PFOA	16.8		ng/L	24.67		68.2	60-140			
Surrogate: 13C9-PFNA	9.09		ng/L	12.34		73.7	55-140			
Surrogate: 13C6-PFDA	9.78		ng/L	12.34		79.2	50-140			
Surrogate: 13C7-PFUnA	8.33		ng/L	12.34		67.5	30-140			
Surrogate: 13C2-PFDoA	7.98		ng/L	12.34		64.7	10-150			
Surrogate: 13C2-PFTeDA	6.99		ng/L	12.34		56.7	10-130			
Surrogate: 13C3-PFBS	18.6		ng/L	24.67		75.2	55-150			
Surrogate: 13C3-PFHxS	17.8		ng/L	24.67		72.2	55-150			
Surrogate: 13C8-PFOS	17.6		ng/L	24.67		71.5	45-140			
Surrogate: 13C2-4:2FTS	22.9		ng/L	49.35		46.5 *	60-200			PF-17C
Surrogate: 13C2-6:2FTS	23.8		ng/L	49.35		48.2 *	60-200			PF-17C
Surrogate: 13C2-8:2FTS	21.3		ng/L	49.35		43.2 *	50-200			PF-17C
Surrogate: 13C8-PFOA	17.4		ng/L	24.67		70.5	30-130			
Surrogate: D3-NMeFOSA	15.2		ng/L	24.67		61.6	15-130			
Surrogate: D5-NEtFOSA	15.9		ng/L	24.67		64.3	10-130			
Surrogate: D3-NMeFOSAA	43.6		ng/L	49.35		88.4	45-200			
Surrogate: D5-NEtFOSAA	38.8		ng/L	49.35		78.7	10-200			
Surrogate: D7-NMeFOSE	184		ng/L	246.7		74.6	10-150			
Surrogate: D9-NEtFOSE	180		ng/L	246.7		73.0	10-150			
Surrogate: 13C3-HFPO-DA	78.0		ng/L	98.70		79.0	25-160			

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

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
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Batch B391182 - Draft Method 1633
Blank (B391182-BLK1)

Prepared & Analyzed: 11/04/24

Total Suspended Solids	ND	5.0	mg/L							
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LCS (B391182-BS1)

Prepared & Analyzed: 11/04/24

Total Suspended Solids	177	5.0	mg/L	200.0		88.5	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-01	Recommended sample holding time was exceeded, but analysis was performed before 2X the allowable holding time.
L-04	Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.
MS-09	Matrix spike recovery and/or matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
MS-15	Matrix spike and matrix spike duplicate recoveries are outside of control limits. Data validation is not affected since results for this compound in this sample are "not detected", and recovery bias is on the high side.
MS-24	Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.
PF-17C	Extracted internal standard is outside of control limits. Analyte is a known difficult compound.
PF-18	Re-analysis confirmed Extracted Internal Standard failure due to matrix effects.
PF-22	Qualifier ion ratio >150% of associated calibration. Detection is suspect.
R-06	Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.
S-29	Extracted Internal Standard is outside of control limits.
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.
V-20	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

CERTIFICATIONS
Certified Analyses included in this Report

Analyte	Certifications
<i>Draft Method 1633 in Water</i>	
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 perfluorooctanesulfonamide (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
<i>SW-846 8260D in Water</i>	
Acetone	CT,ME,NH,VA,NY
Benzene	CT,ME,NH,VA,NY
Bromochloromethane	ME,NH,VA,NY
Bromodichloromethane	CT,ME,NH,VA,NY

CERTIFICATIONS
Certified Analyses included in this Report

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

CERTIFICATIONS

Certified Analyses included in this Report

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



Phone: 413-525-2332
Fax: 413-525-6405

Access COC's and Support Requests

Company Name: **HFP Assoc Inc**
 Address: **197 Scott Swamp Rd Farmington, CT 06032**
 Project Name: **Stanley Cleaners**
 Project Location: **110 Coter Hill Rd Great Neck, NY**
 Project Number: **DEC100304**
 Project Manager: **Derek Roy**
 Pace Quote Name/Number: **NYDEC**
 Invoice Recipient: **DJA.KG**
 Sampled By:

http://www.pacelabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Doc # 381 Rev 5_07/13/2021

Page 1 of 3

ANALYSIS REQUESTED

Requested Turnaround Time: 10-Day
 Due Date: _____
 Rush-Approval Required: 3-Day 4-Day

7-Day PFAS 10-Day (std)
 1-Day 2-Day
 3-Day 4-Day

Field Filtered
 Lab to Filter
 Orthophosphate Samples
 Field Filtered
 Lab to Filter

Format: PDF EXCEL
 Other: EGUITS

CLP Like Data Pkg Required:
 Email To: ED@HFPASSOCIATES.COM

Fax To #: _____

Disolved Metals Samples
 Field Filtered
 Lab to Filter
 Orthophosphate Samples
 Field Filtered
 Lab to Filter

PCB ONLY
 SOXHLET
 NON SOXHLET

MA MCP Required
 MCP Certification Form Required
 CT RCP Required
 RCP Certification Form Required
 MA State DW Required

PWSID # _____

Project Entity
 Government Municipality
 Federal 21 J
 City Brownfield

Pace Work Order #	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Matrix Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE
1	EPA-MW-9A	10/23/14	7:20	GW	4				
2	EPA-MW-11d		6:25				3		
3	EPA-MW-21R		11:14						
4	EPA-MW-23		9:51						
5	EPA-MW-26		10:28						
6	EPA-MW-27		10:57						
7	STA-MW-11		6:45						
8	STA-MW-12		8:30						
9	STA-MW-13		9:32						
10	STA-MW-14		10:48						

Client Comments: Bill directly to NYDEC
NYDEC: PALSAN Long
NYDEC Cat A deliverables

UCC'S 624
PFA 1633
1,4 dioxane 8260 SIM

1 Matrix Codes:
 GW = Ground Water
 WW = Waste Water
 DW = Drinking Water
 A = Air
 S = Soil
 SL = Sludge
 SOL = Solid
 O = Other (please define)

2 Preservation Codes:
 I = Iced
 H = HCL
 M = Methanol
 N = Nitric Acid
 S = Sulfuric Acid
 B = Sodium Bisulfate
 X = Sodium Hydroxide
 T = Sodium Thiosulfate
 O = Other (please define)

Special Requirements

MA MCP Required
 MCP Certification Form Required
 CT RCP Required
 RCP Certification Form Required
 MA State DW Required

PWSID # _____

Project Entity
 Government Municipality
 Federal 21 J
 City Brownfield

Other: _____

Other: Chromatogram
 AHA-LAP, LLC

Relinquished by: (signature) _____ Date/Time: _____
 Received by: (signature) _____ Date/Time: _____
 Relinquished by: (signature) _____ Date/Time: _____
 Received by: (signature) _____ Date/Time: _____
 Relinquished by: (signature) _____ Date/Time: _____
 Received by: (signature) _____ Date/Time: _____
 Relinquished by: (signature) _____ Date/Time: _____
 Received by: (signature) _____ Date/Time: _____

Comments: _____

3 Preservation Code
 Total Number Of:
 VIALS _____
 GLASS _____
 PLASTIC _____
 BACTERIA _____
 ENCORE _____

Glassware in the fridge? Y/N _____
 Glassware in freezer? Y/N _____
 Prepackaged Cooler? Y/N _____

*Pace Analytical is not responsible for missing samples from prepacked coolers

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

MA MCP Required
 MCP Certification Form Required
 CT RCP Required
 RCP Certification Form Required
 MA State DW Required

Project Entity
 Government Municipality
 Federal 21 J
 City Brownfield

Other: _____

Other: Chromatogram
 AHA-LAP, LLC

Relinquished by: (signature) _____ Date/Time: _____
 Received by: (signature) _____ Date/Time: _____
 Relinquished by: (signature) _____ Date/Time: _____
 Received by: (signature) _____ Date/Time: _____

Comments: _____

Disclaimer: Pace Analytical is not responsible for any omitted information on the Chain of Custody. The Chain of Custody is a legal document that must be complete and accurate and is used to determine what analyses the laboratory will perform. Any missing information is not the laboratory's responsibility. Pace Analytical values your partnership on each project and will try to assist with missing information, but will not be held accountable.



ANALYTICAL REPORT

Lab Number:	L2464607
Client:	Pace New England 39 Spruce St. East Longmeadow, MA 01028
ATTN:	Raymond McCarthy
Phone:	(413) 525-2332
Project Name:	24J4052
Project Number:	24J4052
Report Date:	11/19/24

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Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 24J4052
Project Number: 24J4052

Lab Number: L2464607
Report Date: 11/19/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2464607-01	EPA-MW-9A	WATER	Not Specified	10/23/24 07:20	11/05/24
L2464607-02	EPA-MW-11D	WATER	Not Specified	10/23/24 06:25	11/05/24
L2464607-03	EPA-MW-21R	WATER	Not Specified	10/23/24 11:14	11/05/24
L2464607-04	EPA-MW-23	WATER	Not Specified	10/23/24 09:51	11/05/24
L2464607-05	EPA-MW-26	WATER	Not Specified	10/23/24 10:28	11/05/24
L2464607-06	EPA-MW-27	WATER	Not Specified	10/23/24 10:57	11/05/24
L2464607-07	STA-MW-11	WATER	Not Specified	10/23/24 06:45	11/05/24
L2464607-08	STA-MW-12	WATER	Not Specified	10/23/24 08:30	11/05/24
L2464607-09	STA-MW-13	WATER	Not Specified	10/23/24 09:32	11/05/24
L2464607-10	STA-MW-14	WATER	Not Specified	10/23/24 10:48	11/05/24
L2464607-11	STA-MW-15	WATER	Not Specified	10/23/24 09:11	11/05/24
L2464607-12	STA-MW-16	WATER	Not Specified	10/23/24 10:09	11/05/24
L2464607-13	STA-MW-17	WATER	Not Specified	10/23/24 08:12	11/05/24
L2464607-14	STA-MW-18	WATER	Not Specified	10/23/24 08:49	11/05/24
L2464607-15	STA-MW-19	WATER	Not Specified	10/23/24 07:40	11/05/24
L2464607-16	STA-MW-20	WATER	Not Specified	10/23/24 07:56	11/05/24
L2464607-17	MW-100	WATER	Not Specified	10/23/24 07:30	11/05/24
L2464607-18	TB-1	WATER	Not Specified	10/23/24 07:00	11/05/24

Project Name: 24J4052**Lab Number:** L2464607**Project Number:** 24J4052**Report Date:** 11/19/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: 24J4052
Project Number: 24J4052

Lab Number: L2464607
Report Date: 11/19/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Caitlin Walukevich

Title: Technical Director/Representative

Date: 11/19/24

ORGANICS

VOLATILES

Project Name: 24J4052

Lab Number: L2464607

Project Number: 24J4052

Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2464607-01

Date Collected: 10/23/24 07:20

Client ID: EPA-MW-9A

Date Received: 11/05/24

Sample Location: Not Specified

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D-SIM(M)

Analytical Date: 11/06/24 06:38

Analyst: MCM

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-SIM - Westborough Lab						
1,4-Dioxane	ND		ug/l	3.0	1.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
4-Bromofluorobenzene	98		70-130

Project Name: 24J4052
Project Number: 24J4052

Lab Number: L2464607
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2464607-02
 Client ID: EPA-MW-11D
 Sample Location: Not Specified

Date Collected: 10/23/24 06:25
 Date Received: 11/05/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water
 Analytical Method: 1,8260D-SIM(M)
 Analytical Date: 11/06/24 07:32
 Analyst: MCM

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-SIM - Westborough Lab						
1,4-Dioxane	ND		ug/l	3.0	1.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
4-Bromofluorobenzene	97		70-130

Project Name: 24J4052
Project Number: 24J4052

Lab Number: L2464607
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2464607-03
 Client ID: EPA-MW-21R
 Sample Location: Not Specified

Date Collected: 10/23/24 11:14
 Date Received: 11/05/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water
 Analytical Method: 1,8260D-SIM(M)
 Analytical Date: 11/06/24 08:25
 Analyst: MCM

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-SIM - Westborough Lab						
1,4-Dioxane	ND		ug/l	3.0	1.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
4-Bromofluorobenzene	98		70-130

Project Name: 24J4052

Lab Number: L2464607

Project Number: 24J4052

Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2464607-04

Date Collected: 10/23/24 09:51

Client ID: EPA-MW-23

Date Received: 11/05/24

Sample Location: Not Specified

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D-SIM(M)

Analytical Date: 11/06/24 09:17

Analyst: MCM

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-SIM - Westborough Lab						
1,4-Dioxane	ND		ug/l	3.0	1.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
4-Bromofluorobenzene	97		70-130

Project Name: 24J4052

Lab Number: L2464607

Project Number: 24J4052

Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2464607-05

Date Collected: 10/23/24 10:28

Client ID: EPA-MW-26

Date Received: 11/05/24

Sample Location: Not Specified

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D-SIM(M)

Analytical Date: 11/06/24 10:10

Analyst: MCM

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-SIM - Westborough Lab						
1,4-Dioxane	ND		ug/l	3.0	1.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
4-Bromofluorobenzene	98		70-130

Project Name: 24J4052
Project Number: 24J4052

Lab Number: L2464607
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2464607-06
 Client ID: EPA-MW-27
 Sample Location: Not Specified

Date Collected: 10/23/24 10:57
 Date Received: 11/05/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water
 Analytical Method: 1,8260D-SIM(M)
 Analytical Date: 11/06/24 11:04
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-SIM - Westborough Lab						
1,4-Dioxane	ND		ug/l	3.0	1.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
4-Bromofluorobenzene	98		70-130

Project Name: 24J4052

Lab Number: L2464607

Project Number: 24J4052

Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2464607-07

Date Collected: 10/23/24 06:45

Client ID: STA-MW-11

Date Received: 11/05/24

Sample Location: Not Specified

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D-SIM(M)

Analytical Date: 11/06/24 11:57

Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-SIM - Westborough Lab						
1,4-Dioxane	ND		ug/l	3.0	1.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
4-Bromofluorobenzene	98		70-130

Project Name: 24J4052
Project Number: 24J4052

Lab Number: L2464607
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2464607-08
 Client ID: STA-MW-12
 Sample Location: Not Specified

Date Collected: 10/23/24 08:30
 Date Received: 11/05/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water
 Analytical Method: 1,8260D-SIM(M)
 Analytical Date: 11/06/24 12:50
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-SIM - Westborough Lab						
1,4-Dioxane	ND		ug/l	3.0	1.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
4-Bromofluorobenzene	97		70-130

Project Name: 24J4052
Project Number: 24J4052

Lab Number: L2464607
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2464607-09
 Client ID: STA-MW-13
 Sample Location: Not Specified

Date Collected: 10/23/24 09:32
 Date Received: 11/05/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water
 Analytical Method: 1,8260D-SIM(M)
 Analytical Date: 11/06/24 13:43
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-SIM - Westborough Lab						
1,4-Dioxane	ND		ug/l	3.0	1.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
4-Bromofluorobenzene	96		70-130

Project Name: 24J4052
Project Number: 24J4052

Lab Number: L2464607
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2464607-10
 Client ID: STA-MW-14
 Sample Location: Not Specified

Date Collected: 10/23/24 10:48
 Date Received: 11/05/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water
 Analytical Method: 1,8260D-SIM(M)
 Analytical Date: 11/06/24 14:36
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-SIM - Westborough Lab						
1,4-Dioxane	1.4	J	ug/l	3.0	1.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
4-Bromofluorobenzene	97		70-130

Project Name: 24J4052

Lab Number: L2464607

Project Number: 24J4052

Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2464607-11

Date Collected: 10/23/24 09:11

Client ID: STA-MW-15

Date Received: 11/05/24

Sample Location: Not Specified

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D-SIM(M)

Analytical Date: 11/06/24 08:12

Analyst: MCM

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-SIM - Westborough Lab						
1,4-Dioxane	ND		ug/l	3.0	1.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
4-Bromofluorobenzene	97		70-130

Project Name: 24J4052

Lab Number: L2464607

Project Number: 24J4052

Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2464607-12

Date Collected: 10/23/24 10:09

Client ID: STA-MW-16

Date Received: 11/05/24

Sample Location: Not Specified

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D-SIM(M)

Analytical Date: 11/06/24 06:51

Analyst: MCM

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-SIM - Westborough Lab						
1,4-Dioxane	ND		ug/l	3.0	1.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
4-Bromofluorobenzene	97		70-130

Project Name: 24J4052
Project Number: 24J4052

Lab Number: L2464607
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2464607-13
 Client ID: STA-MW-17
 Sample Location: Not Specified

Date Collected: 10/23/24 08:12
 Date Received: 11/05/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water
 Analytical Method: 1,8260D-SIM(M)
 Analytical Date: 11/06/24 09:06
 Analyst: MCM

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-SIM - Westborough Lab						
1,4-Dioxane	ND		ug/l	3.0	1.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
4-Bromofluorobenzene	97		70-130

Project Name: 24J4052
Project Number: 24J4052

Lab Number: L2464607
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2464607-14
 Client ID: STA-MW-18
 Sample Location: Not Specified

Date Collected: 10/23/24 08:49
 Date Received: 11/05/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water
 Analytical Method: 1,8260D-SIM(M)
 Analytical Date: 11/06/24 10:00
 Analyst: MCM

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-SIM - Westborough Lab						
1,4-Dioxane	ND		ug/l	3.0	1.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
4-Bromofluorobenzene	98		70-130

Project Name: 24J4052
Project Number: 24J4052

Lab Number: L2464607
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2464607-15
 Client ID: STA-MW-19
 Sample Location: Not Specified

Date Collected: 10/23/24 07:40
 Date Received: 11/05/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water
 Analytical Method: 1,8260D-SIM(M)
 Analytical Date: 11/06/24 10:54
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-SIM - Westborough Lab						
1,4-Dioxane	ND		ug/l	3.0	1.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
4-Bromofluorobenzene	99		70-130

Project Name: 24J4052
Project Number: 24J4052

Lab Number: L2464607
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2464607-16
 Client ID: STA-MW-20
 Sample Location: Not Specified

Date Collected: 10/23/24 07:56
 Date Received: 11/05/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water
 Analytical Method: 1,8260D-SIM(M)
 Analytical Date: 11/06/24 11:48
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-SIM - Westborough Lab						
1,4-Dioxane	ND		ug/l	3.0	1.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
4-Bromofluorobenzene	98		70-130

Project Name: 24J4052
Project Number: 24J4052

Lab Number: L2464607
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2464607-17
 Client ID: MW-100
 Sample Location: Not Specified

Date Collected: 10/23/24 07:30
 Date Received: 11/05/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water
 Analytical Method: 1,8260D-SIM(M)
 Analytical Date: 11/06/24 12:42
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-SIM - Westborough Lab						
1,4-Dioxane	ND		ug/l	3.0	1.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
4-Bromofluorobenzene	98		70-130

Project Name: 24J4052

Lab Number: L2464607

Project Number: 24J4052

Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2464607-18

Date Collected: 10/23/24 07:00

Client ID: TB-1

Date Received: 11/05/24

Sample Location: Not Specified

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D-SIM(M)

Analytical Date: 11/06/24 06:24

Analyst: MCM

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-SIM - Westborough Lab						
1,4-Dioxane	ND		ug/l	3.0	1.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
4-Bromofluorobenzene	98		70-130

Project Name: 24J4052
Project Number: 24J4052

Lab Number: L2464607
Report Date: 11/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D-SIM(M)
Analytical Date: 11/06/24 05:19
Analyst: MCM

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-10 Batch: WG1994267-5					
1,4-Dioxane	ND		ug/l	3.0	1.1

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
4-Bromofluorobenzene	98		70-130

Project Name: 24J4052
Project Number: 24J4052

Lab Number: L2464607
Report Date: 11/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D-SIM(M)
Analytical Date: 11/06/24 05:57
Analyst: MCM

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 11-18 Batch: WG1994275-5					
1,4-Dioxane	ND		ug/l	3.0	1.1

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
4-Bromofluorobenzene	98		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: 24J4052
Project Number: 24J4052

Lab Number: L2464607
Report Date: 11/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-10 Batch: WG1994267-3 WG1994267-4								
1,4-Dioxane	75		73		70-130	3		25

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		106		70-130
4-Bromofluorobenzene	101		99		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: 24J4052
Project Number: 24J4052

Lab Number: L2464607
Report Date: 11/19/24

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
Volatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 11-18 Batch: WG1994275-3 WG1994275-4								
1,4-Dioxane	97		98		70-130	1		25

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
1,2-Dichloroethane-d4	113		114		70-130
4-Bromofluorobenzene	97		97		70-130

Matrix Spike Analysis Batch Quality Control

Project Name: 24J4052
Project Number: 24J4052

Lab Number: L2464607
Report Date: 11/19/24

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Volatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 11-18 QC Batch ID: WG1994275-6 WG1994275-7 QC Sample: L2464607-12 Client ID: STA-MW-16												
1,4-Dioxane	ND	10	8.8	88		8.7	87		70-130	1		30

<i>Surrogate</i>	<i>MS</i>		<i>MSD</i>		<i>Acceptance Criteria</i>
	<i>% Recovery</i>	<i>Qualifier</i>	<i>% Recovery</i>	<i>Qualifier</i>	
1,2-Dichloroethane-d4	115		115		70-130
4-Bromofluorobenzene	98		98		70-130

Project Name: 24J4052

Project Number: 24J4052

Sample Receipt and Container Information

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2464607-01A	Vial HCl preserved	A	NA		5.3	Y	Absent		8260-SIM(14)
L2464607-01B	Vial HCl preserved	A	NA		5.3	Y	Absent		8260-SIM(14)
L2464607-02A	Vial HCl preserved	A	NA		5.3	Y	Absent		8260-SIM(14)
L2464607-02B	Vial HCl preserved	A	NA		5.3	Y	Absent		8260-SIM(14)
L2464607-03A	Vial HCl preserved	A	NA		5.3	Y	Absent		8260-SIM(14)
L2464607-03B	Vial HCl preserved	A	NA		5.3	Y	Absent		8260-SIM(14)
L2464607-04A	Vial HCl preserved	A	NA		5.3	Y	Absent		8260-SIM(14)
L2464607-04B	Vial HCl preserved	A	NA		5.3	Y	Absent		8260-SIM(14)
L2464607-05A	Vial HCl preserved	A	NA		5.3	Y	Absent		8260-SIM(14)
L2464607-05B	Vial HCl preserved	A	NA		5.3	Y	Absent		8260-SIM(14)
L2464607-06A	Vial HCl preserved	A	NA		5.3	Y	Absent		8260-SIM(14)
L2464607-06B	Vial HCl preserved	A	NA		5.3	Y	Absent		8260-SIM(14)
L2464607-07A	Vial HCl preserved	A	NA		5.3	Y	Absent		8260-SIM(14)
L2464607-07B	Vial HCl preserved	A	NA		5.3	Y	Absent		8260-SIM(14)
L2464607-08A	Vial HCl preserved	A	NA		5.3	Y	Absent		8260-SIM(14)
L2464607-08B	Vial HCl preserved	A	NA		5.3	Y	Absent		8260-SIM(14)
L2464607-09A	Vial HCl preserved	A	NA		5.3	Y	Absent		8260-SIM(14)
L2464607-09B	Vial HCl preserved	A	NA		5.3	Y	Absent		8260-SIM(14)
L2464607-10A	Vial HCl preserved	A	NA		5.3	Y	Absent		8260-SIM(14)
L2464607-10B	Vial HCl preserved	A	NA		5.3	Y	Absent		8260-SIM(14)
L2464607-11A	Vial HCl preserved	A	NA		5.3	Y	Absent		8260-SIM(14)
L2464607-11B	Vial HCl preserved	A	NA		5.3	Y	Absent		8260-SIM(14)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2464607-12A	Vial HCl preserved	A	NA		5.3	Y	Absent		8260-SIM(14)
L2464607-12A1	Vial HCl preserved	A	NA		5.3	Y	Absent		8260-SIM(14)
L2464607-12A2	Vial HCl preserved	A	NA		5.3	Y	Absent		8260-SIM(14)
L2464607-13A	Vial HCl preserved	A	NA		5.3	Y	Absent		8260-SIM(14)
L2464607-13B	Vial HCl preserved	A	NA		5.3	Y	Absent		8260-SIM(14)
L2464607-14A	Vial HCl preserved	A	NA		5.3	Y	Absent		8260-SIM(14)
L2464607-14B	Vial HCl preserved	A	NA		5.3	Y	Absent		8260-SIM(14)
L2464607-15A	Vial HCl preserved	A	NA		5.3	Y	Absent		8260-SIM(14)
L2464607-15B	Vial HCl preserved	A	NA		5.3	Y	Absent		8260-SIM(14)
L2464607-16A	Vial HCl preserved	A	NA		5.3	Y	Absent		8260-SIM(14)
L2464607-16B	Vial HCl preserved	A	NA		5.3	Y	Absent		8260-SIM(14)
L2464607-17A	Vial HCl preserved	A	NA		5.3	Y	Absent		8260-SIM(14)
L2464607-17B	Vial HCl preserved	A	NA		5.3	Y	Absent		8260-SIM(14)
L2464607-18A	Vial HCl preserved	A	NA		5.3	Y	Absent		8260-SIM(14)
L2464607-18B	Vial HCl preserved	A	NA		5.3	Y	Absent		8260-SIM(14)

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GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

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Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

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Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

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REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625.1: alpha-Terpineol

EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine, 2,6-Dichlorophenol.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility

SM 2540D: TSS.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Nonpotable Water: EPA RSK-175 Dissolved Gases

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.**

EPA 522, EPA 537.1.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

SUBCONTRACT CHAIN OF CUSTODY

Pace New England

24J4052

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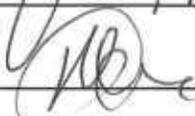
SENDING LABORATORY:

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

RECEIVING LABORATORY:

Alpha Analytical Laboratory
8 Walkup Drive
Westborough, MA 01581
Phone : (508) 898-9220
Fax: (508) 898-9193

Analysis	Sample Name	Due	Expires	Comments
Sample ID: 24J4052-01	EPA-MW-9A	Water	Sampled: 10/23/24 07:20	CAT A
S-8260 Dioxane (SIM)		11/18/24 14:00	11/06/24 07:20	
<i>Containers Supplied:</i>				
VOA vial + HCl (E)	VOA vial + HCl (F)			
Sample ID: 24J4052-02	EPA-MW-11D	Water	Sampled: 10/23/24 06:25	CAT A
S-8260 Dioxane (SIM)		11/18/24 14:00	11/06/24 06:25	
<i>Containers Supplied:</i>				
VOA vial + HCl (E)	VOA vial + HCl (G)			
Sample ID: 24J4052-03	EPA-MW-21R	Water	Sampled: 10/23/24 11:14	CAT A
S-8260 Dioxane (SIM)		11/18/24 14:00	11/06/24 11:14	
<i>Containers Supplied:</i>				
VOA vial + HCl (E)	VOA vial + HCl (G)			
Sample ID: 24J4052-04	EPA-MW-23	Water	Sampled: 10/23/24 09:51	CAT A
S-8260 Dioxane (SIM)		11/18/24 14:00	11/06/24 09:51	
<i>Containers Supplied:</i>				
VOA vial + HCl (E)	VOA vial + HCl (F)			
Sample ID: 24J4052-05	EPA-MW-26	Water	Sampled: 10/23/24 10:28	CAT A
S-8260 Dioxane (SIM)		11/18/24 14:00	11/06/24 10:28	
<i>Containers Supplied:</i>				
VOA vial + HCl (F)	VOA vial + HCl (G)			
Sample ID: 24J4052-06	EPA-MW-27	Water	Sampled: 10/23/24 10:57	CAT A
S-8260 Dioxane (SIM)		11/18/24 14:00	11/06/24 10:57	
<i>Containers Supplied:</i>				
VOA vial + HCl (F)	VOA vial + HCl (G)			

Released By 	Date 11/5/24 1555	Received By 	Date 11-05-24 1555
Released By 	Date 11-05-24 1750	Received By 	Date 11/05/24 1750

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Analysis	Sample Name	Due	Expires	Comments
Sample ID: 24J4052-07	STA-MW-11	Water	Sampled: 10/23/24 06:45	CAT A
S-8260 Dioxane (SIM)		11/18/24 14:00	11/06/24 06:45	
<i>Containers Supplied:</i>				
VOA vial + HCl (F)	VOA vial + HCl (G)			
Sample ID: 24J4052-08	STA-MW-12	Water	Sampled: 10/23/24 08:30	CAT A
S-8260 Dioxane (SIM)		11/18/24 14:00	11/06/24 08:30	
<i>Containers Supplied:</i>				
VOA vial + HCl (F)	VOA vial + HCl (G)			
Sample ID: 24J4052-09	STA-MW-13	Water	Sampled: 10/23/24 09:32	CAT A
S-8260 Dioxane (SIM)		11/18/24 14:00	11/06/24 09:32	
<i>Containers Supplied:</i>				
VOA vial + HCl (F)	VOA vial + HCl (G)			
Sample ID: 24J4052-10	STA-MW-14	Water	Sampled: 10/23/24 10:48	CAT A
S-8260 Dioxane (SIM)		11/18/24 14:00	11/06/24 10:48	
<i>Containers Supplied:</i>				
VOA vial + HCl (F)	VOA vial + HCl (G)			
Sample ID: 24J4052-11	STA-MW-15	Water	Sampled: 10/23/24 09:11	CAT A
S-8260 Dioxane (SIM)		11/18/24 14:00	11/06/24 09:11	
<i>Containers Supplied:</i>				
VOA vial + HCl (F)	VOA vial + HCl (G)			
Sample ID: 24J4052-12	STA-MW-16	Water	Sampled: 10/23/24 10:09	CAT A MS/MSD
S-8260 Dioxane (SIM)		11/18/24 14:00	11/06/24 10:09	MS/MSD
<i>Containers Supplied:</i>				
VOA vial + HCl (I)	VOA vial + HCl (J)	VOA vial + HCl (K)		
Sample ID: 24J4052-13	STA-MW-17	Water	Sampled: 10/23/24 08:12	CAT A
S-8260 Dioxane (SIM)		11/18/24 14:00	11/06/24 08:12	
<i>Containers Supplied:</i>				
VOA vial + HCl (F)	VOA vial + HCl (G)			
Sample ID: 24J4052-14	STA-MW-18	Water	Sampled: 10/23/24 08:49	CAT A
S-8260 Dioxane (SIM)		11/18/24 14:00	11/06/24 08:49	
<i>Containers Supplied:</i>				
VOA vial + HCl (F)	VOA vial + HCl (G)			

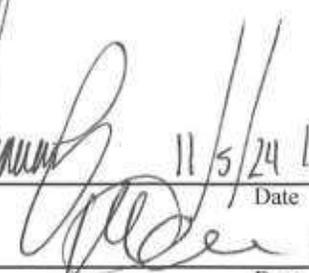
Released By	Date 11/5/24 1555	Received By	Date 11-05-24 1555
Released By	Date 11-05-24 1750	Received By	Date 11/05/24 1750

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Analysis	Sample Name	Due	Expires	Comments
Sample ID: 24J4052-15	STA-MW-19	Water	Sampled: 10/23/24 07:40	CAT A
S-8260 Dioxane (SIM)		11/18/24 14:00	11/06/24 07:40	
<i>Containers Supplied:</i>				
VOA vial + HCl (F)	VOA vial + HCl (G)			
Sample ID: 24J4052-16	STA-MW-20	Water	Sampled: 10/23/24 07:56	CAT A
S-8260 Dioxane (SIM)		11/18/24 14:00	11/06/24 07:56	
<i>Containers Supplied:</i>				
VOA vial + HCl (F)	VOA vial + HCl (G)			
Sample ID: 24J4052-17	MW-100	Water	Sampled: 10/23/24 07:30	CAT A
S-8260 Dioxane (SIM)		11/18/24 14:00	11/06/24 07:30	
<i>Containers Supplied:</i>				
VOA vial + HCl (F)	VOA vial + HCl (G)			
Sample ID: 24J4052-18	TB-1	Water	Sampled: 10/23/24 07:00	CAT A
S-8260 Dioxane (SIM)		11/18/24 14:00	11/06/24 07:00	
<i>Containers Supplied:</i>				
VOA vial + HCl (C)	VOA vial + HCl (D)			

	11/5/24 1555		
Released By	Date	Received By	Date
	11-05-24 1750		11/5/24 1750
Released By	Date	Received By	Date

APPENDIX D

Groundwater Sampling Logs

Site Name: NYDEC Stanton Cleaners

Address: 110 Cutter Mill Rd, Great Neck, NY

Job #: DEC1003.OM

On-Site: 6:20

Weather: P. Sunny, 60oF

Off-Site: 12:00

Date: 10/23/2024

Purpose of Visit: GWM

Field Team: DJA, KG

Well ID	DTW (ft)	DTB (ft)	Time	From	Screen Length (ft)	PDB set Depth (foot)	Sample Time	Notes
EPA-MW-9a	60.11	103.00	7:20	2" pvc HW	20	93.00	7:23	
EPA-MW-11d	54.62	135.71	6:25	4" pvc HW	10	130.71	6:33	no bolts, Dupe = MW-100
EPA-M-21r	63.82	86.38	11:14	2" pvc HW	10	81.38	11:19	1 bolt tab broken, bolt holes stripped
EPA-MW-23	62.05	95.45	9:51	2" pvc HW	10	90.45	9:58	bolt holes stripped
EPA-MW-26	57.38	95.44	10:28	2" pvc HW	10	90.44	10:33	no bolts
EPA-MW-27	48.71	127.15	10:57	2" pvc HW	10	122.15	11:07	no bolts
STA-MW-11	55.78	83.06	6:45	2" pvc HW	10	78.06	6:51	no bolts
STA-MW-12	67.91	86.00	8:30	2" pvc HW	15	78.50	8:37	no bolts
STA-MW-13	84.19	101.81	9:32	2" pvc HW	15	94.31	9:40	no bolts
STA-MW-14	49.79	200.00	10:48	2" pvc HW	15	192.50	11:56	1 bolt tab broken
STA-MW-15	70.89	86.58	9:11	2" pvc HW	10	81.58	9:20	no bolts
STA-MW-16	53.87	69.21	10:09	2" pvc HW	15	61.71	10:16	no bolts, bolt tabs broken - Lab QA/QC sample for VOC 624
STA-MW-17	66.87	141.10	8:12	2" pvc HW	20	131.10	8:20	no bolts
STA-MW-18	64.46	203.00	8:49	2" pvc HW	20	193.00	8:56	
STA-MW-19	62.46	89.62	7:40	2" pvc HW	15	82.12	7:48	no bolts
STA-MW-20	63.05	215.20	7:56	2" pvc HW	15	207.7	8:02	no bolts

Notes:

trip blank = TB-1 sampled @ 7:00
 Field Blank for PFAs = FB-1 @ 7:38 near STA-MW-19
 Equipment Blank (hydrasleeve) for PFAs = EB-1 @ 11:36
 VOC and 1,4 dioxane collected from HDPE PDB already in well
 PFAs collected using HDPE Hydrasleeve



APPENDIX E

Fire Safety Reports

Fire Safety Inspection Log
 Stanton Dry Cleaners Site
 NYSDEC Site No. 130072
 110 Cutter Mill Road, Great Neck, NY

Monthly Fire Safety Inspection Items			
Item	Description	Result	
		1	Exit signs internally or externally illuminated
2	Smoke alarms tested and functioning	<input checked="" type="radio"/> Yes	<input type="radio"/> No
3	Water leaks/water damage observed inside building	<input type="radio"/> Yes	<input checked="" type="radio"/> No
4	Fire extinguishers within expiration or inspected annually	<input checked="" type="radio"/> Yes	<input type="radio"/> No
5	All fire extinguishers present	<input checked="" type="radio"/> Yes	<input type="radio"/> No
6	Electrical Breaker Panel Issues	<input type="radio"/> Yes	<input checked="" type="radio"/> No
7	Covers present on all junction boxes, electrical switches, and outlets	<input checked="" type="radio"/> Yes	<input type="radio"/> No
8	Any evidence of pests present inside building (rodents, insects, etc.)	<input type="radio"/> Yes	<input checked="" type="radio"/> No
9	Emergency lighting tested and functioning	<input checked="" type="radio"/> Yes	<input type="radio"/> No

Periodic System Testing and Inspection				
Item	Description	Frequency	Date Last Performed	
			Date Last Performed	Date Due
10	Sprinkler system testing	Annual	N/A	
11	Battery powered emergency lighting tested	Annual	12/21/23	12/21/24
12	Fire Extinguishers annual inspection	Annual	5/29/24	5/29/25
13	Emergency Lighting Testing	Monthly	10/23/24	

Inspected By: *KG*

Inspection Date: *10/23/24*

Other Items Noted:

Fire Safety Inspection Log
 Stanton Dry Cleaners Site
 NYSDEC Site No. 130072
 110 Cutter Mill Road, Great Neck, NY

Monthly Fire Safety Inspection Items			
Item	Description	Result	
1	Exit signs internally or externally illuminated	Yes	No
2	Smoke alarms tested and functioning	Yes	No
3	Water leaks/water damage observed inside building	Yes	No
4	Fire extinguishers within expiration or inspected annually	Yes	No
5	All fire extinguishers present	Yes	No
6	Electrical Breaker Panel Issues	Yes	No
7	Covers present on all junction boxes, electrical switches, and outlets	Yes	No
8	Any evidence of pests present inside building (rodents, insects, etc.)	Yes	No
9	Emergency lighting tested and functioning	Yes	No

Periodic System Testing and Inspection				
Item	Description	Frequency	Date Last Performed	Date Due
10	Sprinkler system testing	Annual	N/A	
11	Battery powered emergency lighting tested	Annual	12/21/23	12/21/24
12	Fire Extinguishers annual inspection	Annual	5/29/24	5/29/25
13	Emergency Lighting Testing	Monthly	11/20/24	

Inspected By: OJA
 Inspection Date: 11-20-24

Other Items Noted: