SESI
CONSULTING ENGINEERS

FINAL PERIODIC REVIEW REPORT
for

April 28, 2022 – April 28, 2023
Reporting Period

14 LE COUNT STANDARD PRINTING
NEW ROCHELLE, WESTCHESTER COUNTY, NEW YORK

NYSDEC Site # C360176

Prepared for:

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LIST OF ACRONYMS

Acronym	Definition
1,1-DCE	1,1-dichloroethene
AST	Aboveground Storage Tank
AWQS	Ambient Water Quality Standards
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
bgs	Below ground surface
Cis-1,2-DCE	cis-1,2-dichloroethene
COC	Certificate of Completion
CVOC	Chlorinated Volatile Organic Compound
1,1-DCE	1,1 Dichloroethene
DER	Division of Environmental Remediation
DER-10	NYSDEC Technical Guidance for Site Investigation & Remediation
ECs	Engineering Controls
EE	Environmental Easement
ICs	Institutional Controls
MW	Monitoring Well
ND	Non Detect
NRFD	New Rochelle Fire Department
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
ORC	Oxygen Reducing Compound
PAH	Polynuclear Aromatic Hydrocarbons
PCB	Polychlorinated Biphenyls
PCE	Tetrachloroethene
PFAS	Per and Polyfluoroalkyl Substances
PHC	Petroleum Hydrocarbon
PRR	Periodic Review Report
RA	Remedial Action
RAWP	Remedial Action Work Plan
RI	Remedial Investigation

Acronym	Definition
RIR	Remedial Investigation Report
RIWP	Remedial Investigation Work Plan
RRSCO	Restricted Residential Soil Cleanup Objectives
SCG	Standards, Criteria, and Guidance
SCO	Soil Cleanup Objectives
SESI	SESI Consulting Engineers, PC
SMP	Site Management Plan
SV	Soil Vapor
SVOCs	Semi-Volatile Organic Compounds
TAL	Target Analyte List
TOGS	Technical and Operations Guidance Series
TCE	Trichloroethene
USCO	Unrestricted Use Soil Cleanup Objectives
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
VOCs	Volatile Organic Compounds

1.0 INTRODUCTION

1.1 SUMMARY

SESI Consulting Engineers DPC (SESI) prepared this Final Periodic Review Report (Final PRR) for the period April 28, 2022 to April 28, 2023 for the 14 Le Count Standard Printing New York State Brownfield Cleanup Program (BCP), Site No. C360176 located in New Rochelle, New York (hereinafter referred to as the "Site"). SESI prepared this Final PRR per the email from NYSDEC Project Manager Gerald Pratt on October 21, 2022, which states that no further groundwater monitoring is required, and the email from October 26, 2022 which request a Final PRR be submitted to the department to proceed with the Site Close-out. In addition, in a July 8, 2022 SMP PRR response letter the department the concurred with SESI recommendation to halt the soil-sub-slab vapor, indoor and outdoor air monitoring. Therefore, the Site has achieved unconditional Track 1 for soil, soil vapor, and groundwater.

SESI prepared this final PRR on behalf of 14 Le Count Place LLC and WBLM 14 Le Count Owner LLC, who entered into a Brownfield Cleanup Agreement (BCA) as Volunteers in September 2018 with the New York State Department of Environmental Conservation (NYSDEC) to remediate the Site.

Historically, the Site has been used for commercial/residential uses. Notable commercial uses include a former printing shop operated by the Evening Standard Newspaper (209 North Avenue), a photo-engraving shop (207 North Avenue), and an undertaker/funeral home (14 LeCount Place). When the NYSDEC admitted the Site into the BCP, seven (7) buildings, reportedly constructed between 1903 and 1931, occupied the Site. These have now been demolished. Several environmental concerns identified during previous studies include out-of-service or abandoned underground storage tanks (USTs) and soil contamination from the historic printing operations.

The Site received a conditional Track 1 Certificate of Completion on December 27, 2019. The only Site Management obligations are groundwater monitoring and vapor intrusion investigation. A conditional Institutional Control, an Environmental Easement (EE), has been recorded with the Westchester County Clerk, and requires compliance with a Site Management Plan (SMP) that contains the above monitoring and

investigation requirements. A Site Location Map is provided in Figure 1.1 of the SMP. All SMP figures are included in **Appendix A** of this report.

This Final PRR reports the required inspection and monitoring activities that were conducted during the reporting period of April 28, 2022 to October 21, 2023. The inspection and monitoring were conducted to ensure compliance with the EE and as stated in the SMP as approved by the NYSDEC.

Paragraph 9 of the Environmental Easement provides that the Department extinguish it under such circumstances and that the extinguishment be filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law. Volunteer thus requests pursuant to Paragraph 9 of the Environmental Easement that the Department provide Volunteer with a "TERMINATION AND RELEASE OF ENVIRONMENTAL EASEMENT " for extinguishing the Environmental Easement recorded on the Site.

1.2 EFFECTIVENESS OF REMEDIAL PROGRAM

In order to monitor the effectiveness of the contaminant removal and the Site natural attenuation, an on-Site and off-Site monitoring well network was sampled in June 2022. Monitoring wells MW-1, MW-5, MW-7, MW-9, GW-2, MW-201, MW-202, and MW-203 were sampled for volatile organic compounds (VOCs) and per- and polyfluoroalkyl substances (PFAS) as described in Section 3. As presented in Section 5, groundwater contaminant concentrations in all wells have been reduced to below the NYSDEC Technical and Operational Guidance Series,1.1.1 (TOGS) Class GA Ambient Water Quality Standards and Guidance Values (AWQS) or have reached asymptotic levels.

1.3 COMPLIANCE

The sampling activities complied with the required sampling protocols in the SMP. SESI completed the annual sampling of the groundwater wells in June 2022.

1.4 CONCLUSIONS AND RECOMMENDATIONS

SESI has verified that the Site is in compliance with the conditional EE and the SMP.

- The contaminant levels in groundwater have achieved the AWQS and/or reached asymptotic dissolved VOC concentrations. Per the email from NYSDEC Project

Manager Gerald Pratt on October 21, 2022, no further groundwater monitoring is required.

- The sub-slab VOC concentrations have decreased and are not causing a vapor intrusion condition. In a July 8, 2022 SMP PRR response letter the department the concurred with SESI recommendation to halt the soil-sub-slab vapor, indoor and outdoor air monitoring.

Therefore the Site meets the standard for an unconditional Track 1 Remedy, and the Department should authorize termination of the EE and SMP.

2.0 SITE OVERVIEW

2.1 SITE LOCATION AND DESCRIPTION

The Site is located in New Rochelle, Westchester County, New York, and is identified as Section 1 Block 228 Lot 0100 and a portion of Section 1 Block 228 Lot 0200 on the New Rochelle Tax Map. A United States Geological Survey topographical quadrangle map, SMP Figure 1.1 shows the Site location. The Site is an approximately 0.92-acre area and is bounded by commercial buildings to the north, Main Street to the south, Le Count Place to the east, and North Avenue to the west. A boundary map is attached to the amended BCA as required by Environmental Conservation Law Title 14 Section 27-1419 and is shown on SMP Figure 1.2 in **Appendix A**.

2.2 SITE HISTORY

Historically, the Site has been used for commercial/residential uses. Notable commercial uses include a former printing shop operated by the Evening Standard Newspaper (209 North Avenue), a photo-engraving shop (207 North Avenue), and an undertaker/funeral home (14 LeCount Place). When the NYSDEC admitted the Site into the BCP, seven (7) buildings, reportedly constructed between 1903 and 1931, occupied the Site. These have now been demolished. Several environmental concerns identified during previous studies include out-of-service or abandoned USTs and soil contamination from the historic printing operations.

2.2.1 REMEDIAL INVESTIGATION (RI) CONDUCTED AT THE SITE

The Remedial Investigation Report (RIR) (June 2019) was prepared by SESI and details the results of prior investigations and the Remedial Investigation (RI) performed on the Site. The RI was conducted in accordance with the Remedial Investigation/Interim Remedial Measures Workplan (RI/IRMWP) for the Site, which was last revised January 28, 2019 and subsequently approved by the NYSDEC on February 1, 2019, and adheres to the NYSDEC's Technical Guidance for Site Investigation and Remediation (DER-10).

A total of 116 soil samples were collected from 37 soil borings. One hundred and thirteen (113) of the samples were collected from 34 of the borings (SESI-SB-1 through SESI-SB-34) that were advanced in January and February 2019 as part of the approved

RIWP/IRM. Three (3) additional borings (SESI-SB-35, SESI-SB-36, and SESI-SB-37) and soil samples were collected in May 2019 per the NYSDEC comment letter of May 24, 2019.

Additionally, 21 soil samples were collected in August 2019 from six (6) soil borings (SESI-SB1, SESI-SB-4, SESI-SB-6, SESI-SB-9, SESI-SB-16, and SESI-SB-19) per the NYSDEC email of August 20, 2019 for emerging contaminants sampling including PFAS and 1,4 dioxane sampling.

Seven (7) groundwater monitoring wells (MW-1 through MW-7) were installed and six (6) piezometers (GW-1 through GW-6) were sampled to investigate groundwater. Five (5) of the wells (MW-2, MW-3, MW-4, MW-5, and MW-6) and the six (6) piezometers were installed in January and February 2019. MW-1 and MW-7 were installed in May 2019. In addition, a new monitoring well, MW-8, located on the southwestern (upgradient) portion of the property was installed and sampled in September 2019. The soil and groundwater samples were analyzed for TCL/TAL +30 including metals (USEPA Methods 6010/7471), semi-VOCs (SVOCs - USEPA Method 8270), VOCs (USEPA Method 8270), polychlorinated biphenyls (PCBs) and pesticides (USEPA Methods 8081/8082). Monitoring wells MW-2 and MW-4 were analyzed for PFAS in accordance with EPA Method 537 and 1,4 dioxane in accordance with EPA Method 8270 SIM as part of the approved RI/IRMWP. Two (2) additional groundwater samples were collected from recovery well RW-2 and monitoring well MW-5 for PFAS analysis per the NYSDEC email of August 2, 2019. Wells MW-1, MW-3, MW-4, GW-1, GW-2, GW-6, and a new well MW-8 were reinstalled in September and November 2019 for contaminant monitoring.

Seven (7) soil vapor samples were collected (SS-9 through SS-13, and SS-16), and one (1) sub-slab vapor point (SS-15) was collected. Soil vapor samples were analyzed for VOCs by EPA Method TO-15.

Soil

Based on the analytical results, polyaromatic hydrocarbons (PAHs) including benzo[a]anthracene, benzo[b]fluoranthene, benzo[k]fluoranthene, benzo(a)pyrene, chrysene, dibenz(a,h)anthracene, dibenzofuran, fluoranthene, phenanthrene, and ideno (1,2,3-cd) pyrene were identified in eight (8) soil samples from eight (8) soil borings at

concentrations exceeding the unrestricted use soil cleanup objective (USCO) and the restricted residential SCO (RRSCO). Depths of the PAH exceedances ranged from 3 to 8 feet below ground surface (ft-bgs).

Metals including arsenic, barium, copper, lead, mercury, nickel, and zinc were identified in 29 soil samples from 29 soil borings at concentrations exceeding their USCO. The depth of metals impacts ranged from 2 feet to 22 feet across the Site. Lead in soil was detected above the USCO and the RRSCO from the sample collected from one (1) soil boring at 3 ft-bgs.

The pesticide 4,4'-DDT was detected at depths of 2 to 17 ft-bgs above the USCO but below the RRSCO in three (3) samples.

Twelve (12) emerging contaminants were detected in at least one (1) of the soil samples collected at depths ranging from 1 ft-bgs to 19 ft-bgs.

Soil Vapor

SESI collected eight soil vapor (SV) samples (SS-9 through SS-16) across the Site in the footprint of the proposed development in February 2019. The results were compared to the EPA June 2015 target sub-slab soil gas concentration values and the New York State Department of Health (NYSDOH) October 2006 air guideline values. The chlorinated VOC (CVOC) 1,1-dichloroethene (1,1-DCE) was detected at levels that exceed the NYSDOH Decision Matrices Sub-Slab Vapor Lower Threshold Values. Ethylbenzene was detected in two (2) soil vapor samples at concentrations that exceed the EPA sub-slab value. The CVOC trichloroethene (TCE) was detected in five (5) samples at concentrations ranging from 6.6 ug/m^3 to 200 ug/m^3, above both the NYSDOH Matrix A lower threshold criteria of 6 ug/m^3 and the EPA sub-slab value 16 ug/m^3.

Groundwater

Dissolved VOCs including benzene (110 ug/L), ethylbenzene (130 ug/L), isopropyl benzene (20 ug/L), toluene (240 ug/L), and o,m,p-xylenes (720 ug/L) were detected in the groundwater sample collected from monitoring well MW-6 at concentrations exceeding their AWQS of 1 ug/L for benzene and 5 ug/L for the other VOCs. Isopropyl

benzene was also detected in monitoring well MW-1 (8 ug/L) and temporary well GW-6 (9 ug/L), which was installed in May 2019, exceeding the AWQS of 5 ug/L.

The dissolved CVOC cis-1,2-dichloroethene (cis-1,2 DCE) was detected in monitoring wells MW-1 (9.3 ug/L), MW-7 (14 ug/L), and temporary well GW-6 (5.96 ug/L) on the southern edge of the Site at concentrations exceeding its AWQS of 5 ug/L. The cis-1,2 DCE is a breakdown product of tetrachloroethene (PCE) and TCE, which were also detected in these wells, but at concentrations below their AWQSs of 5 ug/L.

SVOCs were detected in wells MW-3, MW-4, and MW-6 at levels that exceeded the Class GA AWQS. The exceeding SVOCs were predominantly PAHs. However, post-remedial groundwater sampling resulted in SVOC concentrations below the GA AWQS.

Metals were detected in all the wells above the Class GA AWQS. However, with the exception of iron, magnesium, manganese, selenium and sodium, all the exceedances were detected only in unfiltered samples, indicating that the exceedances were the result of suspended solids. As for iron, magnesium, manganese, selenium and sodium, these metals are secondary metals and were detected marginally above the GA AWQS and not contaminants of concern and/or may be naturally occurring in groundwater.

2.2.2 DESCRIPTION OF INTERIM REMEDIAL MEASURES

As listed on **Table 2.1** below, a total of four (4) petroleum USTs and two (2) aboveground storage tanks (ASTs) were closed as interim remedial measures (IRMs) per the NYSDEC approved RI/IRMWP report last revised in June 2019. A description of the UST and AST closure activities is provided below.

Table 2.1: Summary of UST/AST Closures

Tank (AST/UST)	Address	No. of Tanks	Location	Capacity	Status
UST	455 Main Street	1	Under Sidewalk	1000-gallons	Abandoned-in-Place 7/2016 (pre BCP)
UST	211 North Avenue	1	Unknown - Not Discovered	1000-gallons	Investigated Feebruary 2019 (Not discovered)
UST	459 Main Street	1	SW Beneath basement Slab	1000-gallons	Removed May 2019
UST	463 Main Street	1	SE Corner of basement (AST w/concrete encasement has removed)	330-gallons	Removed May 2019
AST	455 Main Street	2	Basement	330-gallons	Removed May 2019

455 Main Street AST/UST Closure

SESI observed the removal of two (2) 275-gallon ASTs from the basement level of 455 Main Street. These ASTs were active until the end of April 2019, when the building was vacated. The tanks were cut and cleaned by Northeast Environmental and inspected by the City of New Rochelle Fire Department (NRFD) on May 29, 2019. No visual evidence of leaks has been observed in this area. Soil samples SESI-SB-24 and SESI-SB-37 and a groundwater sample from monitoring well MW-1 were collected during the RIR to investigate these tanks. Results of the groundwater sample collected from MW-1 identified isopropyl-benzene at a concentration of 9 ug/L, exceeding its AWQS of 5 ug/L. Isopropyl-benzene levels have decreased to non-detect (ND) in subsequent sampling events. Results of samples identified total xylenes concentrations of 2.7 mg/kg from SESI-SB-24 and 1.45 mg/kg in SESI-SB-37, exceeding its USCO of 0.26 mg/kg.

The 1,000-gallon UST was closed in place under the sidewalk in July 2016 and was not encountered during remedial excavations of the Site.

211 North Avenue UST Closure

A fuel oil UST was believed to exist beneath the sidewalk in front of the building. According to a Phase I ESA, a survey was performed, and the NRFD records indicated the presence of a 1,000-gallon heating oil UST at the Site. A magnetometer survey indicated a large void beneath the sidewalk in front of the building, consistent with a UST. Exploratory test pits were conducted during October 2018, and no tanks were located. A summary of this investigation was presented to the NYSDEC in the June 2019 RIWP/IRM report.

459 Main Street UST Closure

On May 22, 2019, SESI observed the removal of a 1,000-gallon No. 2 oil UST that was located below the basement slab of the former building at 459 Main Street. The UST was cut open and cleaned prior to the demolition of the building. A total of 60 gallons of residual oil was removed by Northeast.

The UST was left in the ground and removed after the demolition of the building. Northeast pumped 822 gallons of water that had accumulated in the UST during the demolition activities prior to removal. Upon removal of the UST, stained soils and odors

were observed in the resulting excavation. The NYSDEC Spills Hotline was called and Spill Number 1901867 was assigned to the UST. The impacted soil from around and beneath the UST was excavated until the field screening resulted in no visual or olfactory impacts or photoionization detector readings. The extent of the excavation measured approximately 20 feet north to south and 7 feet east to west.

Six (6) sidewall and three (3) bottom samples were collected for laboratory analyses. The results of all the samples were below the USCO for VOCs, SVOCs, PCBs, and pesticides. Based on these results and the field screening, the soil remediation for the UST spill at 459 Main Street is considered completed. Samples SW-N1, BW-1, and BW-3 resulted in nickel exceedances of the USCO. The nickel exceedances were addressed with the Site remedial excavation. A summary of analytical results was presented to the NYSDEC in email communication on May 28, 2019, in the RIR revised in June 2019, and in the Revised Interim Remedial Measures Report June 2019.

Monitoring well MW-7 and piezometer GW-6 were installed and sampled as part of the RIR for delineation of groundwater impacts on the southern property boundary, and confirmation of the spill cleanup at 459 Main Street. Analytical results identified the petroleum VOC isopropyl benzene at a concentration of 9 ug/L exceeding its AWQS of 5 ug/L in GW-6. In addition, benzo (a) anthracene was identified in GW-6 at a concentration of 0.049 ug/L, exceeding its AWQS of 0.002 ug/L. Based on the groundwater contours reported in the RIR, GW-6 was installed upgradient of the UST and MW-7 is located downgradient of the UST. Therefore, the detected impacts in GW-6 are not a result of the UST. Monitoring well MW-8, installed upgradient of GW-6, sampled on October 2 and 30, 2019, identified isopropyl benzene concentrations at 57 ug/L and 7.2 ug/L, indicating a potential upgradient off-Site source. A UST closure report that includes a sample location plan, photo documentation of the UST and excavation, analytical summary table, and laboratory analysis, is presented in Appendix U of the Final Engineering Report.

463 Main Street UST Closure

One (1) 330-gallon concrete-encased UST was removed from the basement level of 463 Main Street. This UST was vaulted above the basement concrete slab and encased in concrete blocks. The tank was vacuumed of the remaining 230 gallons of oil, cut, and

cleaned by Northeast Environmental and inspected by the City of New Rochelle Fire Department. Soil samples collected from borings SESI-SB-27, SESI-SB-33, and SESI-SB-36 in the area of this UST indicated no petroleum impacts. A summary of these results was presented in the RIR.

2.2.3 DESCRIPTION OF REMEDICAL ACTIONS

The Site was remediated in accordance with the remedy selected by the NYSDEC in the RAWP dated September 2019.

The factors considered during the selection of the remedy are those listed in 6NYCRR 375-1.8. The following are the components of the selected remedy:

1. Excavation and off-Site disposal of on-Site soils which exceed USCOs, as defined by 6 NYCRR Part 375-6.8.
2. Removal of two (2) 330 gallon ASTs and one (1) 2,000-gallon UST.
3. Execution and recording of an Environmental Easement to restrict the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH or County DOH;
4. Development and implementation of a Site Management Plan for long-term management of remaining contamination as required by the Environmental Easement, which includes plans for: (1) Institutional and Engineering Controls, (2) monitoring, (3) operation and maintenance and (4) reporting;
5. Periodic certification of the institutional and Engineering controls listed above.

2.2.4 REMOVAL OF CONTAMINATED MATERIALS FROM THE SITE

The contaminated fill and soil were removed from the entire footprint of the Site down to bedrock at varying elevations from 14 to 23 ft-bgs as shown on SMP Figure 2.2 in **Appendix A**. In total approximately 37,140 cubic yards (49,977 tons) of soil was removed from the Site.

2.2.5 VOLUNTARY REMEDIATION OF OFF-SITE SOURCES

Post certificate of completion (COC), two (2) USTs were discovered and remediated as follows:

- On February 10, 2021, one (1) 1,000-gallon UST was discovered under the sidewalk in front of 207 North Avenue (outside of the BCP Site) during underground excavation activities for installation of underground utilities related to the development at 14 Le Count Place. SESI notified the NYSDEC Spills hotline (Spill No. 2009330) as this tank is suspected to have impacted the BCP Site groundwater (exceedances of petroleum hydrocarbons [PHC] in MW-9). In addition, the NRFD was notified of the tank discovery. According to NRFD records, this UST was closed in place on October 8, 1997 and filled with foam. The field observations (pinholes) and the analytical data of the soil directly beneath the tank indicate the possibility of historic spills from the UST.

- On October 5, 2021, one (1) 1,000-gallon UST was discovered under the sidewalk in front of 211 North Avenue (outside of the BCP Site) during underground excavation activities for installation of underground utilities related to the development at 14 Le Count Place. The UST was found to have some residual product and potential leaks were observed and SESI notified the NYSDEC Spills hotline (Spill No. 2106341) as this tank is suspected to have impacted the BCP Site groundwater (exceedances of petroleum hydrocarbons in MW-9). In addition, the NRFD was notified of the tank discovery. According to the NRFD, this UST was installed on September 18, 1931, and was reportedly closed in place with cement slurry. Approximately 246 tons of impacted soil was excavated from above, around, and below the UST after the tank removal. In addition, prior to backfilling the excavation, 551 pounds of Oxygen Releasing Compound (ORC) was applied to the excavation. This UST is located upgradient and acted as a source of groundwater contamination to the northern side of the Site. The UST was the likely source of the PHC-VOCs detected in wells MW-9, MW-5, and GW-2.

2.2.6 ON-SITE AND OFF-SITE TREATMENT SYSTEMS

No long-term treatment systems were required to be installed as part of the Site remedy.

2.2.7 DESCRIPTION OF RESIDUAL CONTAMINATION

Described in Section 3 of this report.

2.2.8 CONDITIONAL TRACK 1 ENVIRONMENTAL EASEMENT AND SITE MANAGEMENT PLAN REQUIREMENTS

The remedy for the Site did not require the construction of any engineering controls. The conditional Track 1 SMP identifies the need only for periodic groundwater monitoring and vapor intrusion investigation until the Department determines that the Site meets unconditional Track 1 standards.

A conditional Track 1 SMP (December 2019) was prepared by SESI and approved by the NYSDEC as required by the conditional Track 1 EE.

3.0 REMEDY PERFORMANCE, EFFECTIVENESS, PROTECTIVENESS

The goal of the SMP is to monitor and evaluate the low level residual contamination at the Site until the Department determines that the conditional Track 1 designation can be changed to an unconditional Track 1. At present, SESI is conducting monitoring/inspection of the ICs on the Site in accordance with the SMP dated December 2019. However, inspections are no longer required per the email from Gerald Pratt of October 21, 2022.

The overall Site remedy was designed to monitor the low levels of dissolved groundwater contamination remaining demonstrate that (a) the groundwater standards have been achieved, or (b) asymptotic levels that are acceptable by the NYSDEC and NYSDOH have been reached.

3.1 GROUNDWATER MONITORING

In order to monitor the effectiveness of the contaminant removal and the Site natural attenuation, an on-Site monitoring well network was sampled quarterly. Monitoring wells MW-1, MW-5, MW-7, MW-8, MW-9 and GW-2 were sampled for VOCs by EPA Method 8260 in accordance with the SMP, and for PFAS in accordance with the request from the NYSDEC in an email from NYSDEC Project Manager Matthew King on January 21, 2020. Prior to sampling, the wells were gauged for depth to water and depth to bottom using a water/product interface tape. The general groundwater flow direction across Site is west to east based on the June 2022 gauging measurements. The groundwater contour maps for June 2022 is as depicted on **Figure 2.1.**

The groundwater sampling and purging logs are presented in **Appendix B**. **Table 3.1** presents the groundwater analytical result summary compared to the AWQS. **Table 3.2** below presents a summary of PHC VOCs in groundwater during this monitoring period. **Table 3.3** below presents a summary of CVOCs exceedances in groundwater during this monitoring period. The laboratory data of the sampling events for this monitoring period are presented in **Appendix C**. The monitoring well locations and AWQS exceedances are depicted in **Figures 2.2A and Figure 2.2B**.

SESI has completed a comprehensive review of dissolved groundwater concentrations for the contaminants exceeding the AWQS including benzene, ethyl benzene, isopropyl

benzene, naphthalene, toluene, 1,2,4,5-Tetramethylbenzene, xylenes, chloroform, PCE, TCE, cis-1,2 DCE, and vinyl chloride. The summary presented below includes graphs showing the change in groundwater contamination concentrations over time since the completion of the remedial action in November 2019 post issuance of COC compared to pre-COC data.

The summary presented below includes graphs showing the change in groundwater contamination concentrations over time since the completion of the remedial action in November 2019 post issuance of the COC compared to pre-COC data. The trend of each of these compounds is plotted in the graphs presented in **Appendix D** and explained in the following paragraphs. Two (2) graphs are presented per each compound: the graphs to the right have all the same y-axis range (1-100 ppb) except for xylenes (range 1-200 ppb) and the graphs to the left have y-axis ranges that varied depending on the detected concentration range of each compound.

The groundwater sampling results presented below show that VOCs in groundwater are either at or below the AWQS or have reached asymptotic levels very close to the AWQS in on-Site wells. This is especially so since the discovery and voluntary remediation of several adjacent off-Site petroleum USTs in the past two (2) years.

3.1.1 PETROLEUM HYDROCARBON VOCs

The off-Site well MW-203, which is adjacent to the UST removed beneath the sidewalk in October 2021, resulted in benzene at a concentration of 3.2 ug/L in March 2022 and further reduced to 0.75 ug/L in the June 2022 sampling round. In addition, the benzene concentrations in MW-9 are showing a decreasing trend from 23 ug/L in March 2022 down to 4.1 ug/L in June 2022. This indicates that the ORC applied to the UST excavation is degrading the dissolved VOCs and that no further monitoring or remediation is warranted.

Ethylbenzene was detected post-COC in monitoring well MW-9 during the January 2020 sampling event at a concentration of 20 ug/L, exceeding its AWQS of 5 ug/L. As illustrated on the ethyl-benzene graph and **Figure 2.2A**, the ethylbenzene concentrations have decreased from 79 ug/L in March 2022 down to 33 ug/L in June 2022. Ethylbenzene concentrations in GW-2 have fluctuated slightly from 12 ug/L in

December 2021 and March 2022 to 17 ug/L in June 2022 and have reached asymptotic levels and no further monitoring or remediation is warranted.

Total xylenes were detected post-COC in monitoring wells GW-2, MW-5, and MW-9 at concentrations exceeding the AWQS of 5 ug/L. As illustrated on the xylenes graph and **Figure 2.2A**, total xylene concentrations in GW-2 have increased from 95 ug/L in March 2022 to 170 ug/L in the June 2022 sampling event. However, there are no on-Site sources of PHC VOCs, and these concentrations will naturally degrade. Total xylene concentrations in MW-9 have fluctuated slightly and reached asymptotic levels of 5.2 ug/L in March 2022 and 6 ug/L in June 2022. Concentrations of total xylenes in MW-5 have stabilized at non-detect in the March and June 2022 sampling events and no further monitoring or remediation is warranted.

The detected PHC-VOCs are located in the northern side of the Site (wells MW-9 and GW-2) as shown in **Figure 2.2A**, where the removed UST was hydraulically upgradient and was a source of PHC-VOCs. Post removal and remediation of the UST, the PHC-VOCs are expected to further drop to below the AWQS. The detected levels of the PHC-VOCs are residual concentrations attributable to absorbed contamination in off-Site soils from the removed USTs, and no further remediation is necessary or practical.

Table 3.2 Summary of PHCs in Groundwater

LOCATION			GW-2		GW-2		GW-2		GW-2		GW-2	
SAMPLING DATE			6/8/2021		9/13/2021		12/7/2021		3/2/2022		6/24/2022	
LAB SAMPLE ID			L2130744-01		L2149097-01		L2167200-01		L2211048-01		L2233907-02	
SAMPLE TYPE			WATER		WATER		WATER		WATER		WATER	
SAMPLE DEPTH (ft.)												
	NY-AWQS	Units	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Benzene	1	ug/l	2	U	0.5	U	0.21	J	0.2	J	0.23	J
Toluene	5	ug/l	**13**		**25**		**18**		**20**		**5.9**	
Ethylbenzene	5	ug/l	**6.1**	**J**	**8.9**		**12**		**12**		**17**	
Methyl tert butyl ether	10	ug/l	10	U	2.5	U	2.5	U	2.5	U	2.5	U
p/m-Xylene	5	ug/l	**27**		**42**		**62**		**66**		**110**	
o-Xylene	5	ug/l	**14**		**18**		**29**		**29**		**60**	
2-Butanone	50	ug/l	13	J	5	U	5	U	5	U	2.3	J
Isopropylbenzene	5	ug/l	10	U	2.5	U	2.5	U	2.5	U	2.5	U
Naphthalene	10	ug/l	10	U	0.85	J	1.4	J	2.5	U	2.5	U
n-Propylbenzene	5	ug/l	10	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trimethylbenzene	5	ug/l	10	U	2.5	U	2.5	U	2.5	U	0.88	J
1,2,4,5-Tetramethylbenzene	5	ug/l	8	U	2	U	2	U	2	U	2	U
n-Propylbenzene	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trimethylbenzene	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4,5-Tetramethylbenzene	5	ug/l	2	U	2	U	2	U	2	U	2	U

LOCATION			MW-9		MW-9		MW-9		MW-9		MW-9	
SAMPLING DATE			6/8/2021		9/14/2021		12/7/2021		3/2/2022		6/24/2022	
LAB SAMPLE ID			L2130744-06		L2149496-04		L2167200-03		L2211048-04		L2233907-03	
SAMPLE TYPE			WATER		WATER		WATER		WATER		WATER	
SAMPLE DEPTH (ft.)												
	NY-AWQS	Units	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Benzene	1	ug/l	**11**		**14**		**17**		**23**		**4.1**	
Toluene	5	ug/l	2.5	U	2.5	U	2.5	U	0.75	J	2.5	U
Ethylbenzene	5	ug/l	**38**		**20**		**33**		**79**		**33**	
Methyl tert butyl ether	10	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
p/m-Xylene	5	ug/l	**65**		**5.3**		0.74	J	3.5		3.4	
o-Xylene	5	ug/l	**6.6**		2.2	J	0.7	J	1.7	J	2.6	
2-Butanone	50	ug/l	**33**		**5.1**		5	U	5	U	5	U
Isopropylbenzene	5	ug/l	2.6		3.2		4.4		**7.8**		**4.6**	
Naphthalene	10	ug/l	**21**		6.7		**11**		**11**		**6.5**	
n-Propylbenzene	5	ug/l	2.2	J	3.1		4.4		**7.5**		**5.2**	
1,2,4-Trimethylbenzene	5	ug/l	**17**		**15**		**20**		**28**		**14**	
1,2,4,5-Tetramethylbenzene	5	ug/l	1.7	J	3.1		4.6		**5.3**		**3.7**	

LOCATION			MW-201		MW-201		MW-201		MW-201		MW-201	
SAMPLING DATE			6/9/2021		9/13/2021		12/6/2021		3/1/2022		6/23/2022	
LAB SAMPLE ID			L2131117-02		L2149097-02		L2166863-06		L2210753-02		L2233608-03	
SAMPLE TYPE			WATER		WATER		WATER		WATER		WATER	
SAMPLE DEPTH (ft.)												
	NY-AWQS	Units	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Benzene	1	ug/l	0.5	U	0.5	U	1.2	U	0.5	U	0.5	U
Toluene	5	ug/l	2.5	U	2.5	U	6.2	U	2.5	U	2.5	U
Ethylbenzene	5	ug/l	2.5	U	2.5	U	6.2	U	2.5	U	2.5	U
Methyl tert butyl ether	10	ug/l	2.5	U	2.5	U	6.2	U	2.5	U	2.5	U
p/m-Xylene	5	ug/l	2.5	U	2.5	U	6.2	U	2.5	U	2.5	U
o-Xylene	5	ug/l	2.5	U	2.5	U	6.2	U	2.5	U	2.5	U
2-Butanone	50	ug/l	5	U	5	U	12	U	5	U	5	U
Isopropylbenzene	5	ug/l	2.7		1.3	J	6.2	U	2.5	U	1.1	J
Naphthalene	10	ug/l	**42**		**41**		**30**		**12**		**15**	
n-Propylbenzene	5	ug/l	3.9		1.9	J	6.2	U	2.5	U	1.4	J
1,2,4-Trimethylbenzene	5	ug/l	3.1		2.1	J	1.8	J	0.97	J	1.1	J
1,2,4,5-Tetramethylbenzene	5	ug/l	**26**		**17**		**13**		**11**		**11**	

LOCATION			MW-203		MW-203		MW-203		MW-203		MW-203	
SAMPLING DATE			6/9/2021		9/13/2021		12/6/2021		3/1/2022		6/26/2022	
LAB SAMPLE ID			L2131117-04		L2149097-05		L2166863-04		L2210753-04		L2210753-04	
SAMPLE TYPE			WATER		WATER		WATER		WATER		WATER	
SAMPLE DEPTH (ft.)												
	NY-AWQS	Units	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Benzene	1	ug/l	0.5	U	0.5	U	**20**		**3.2**		0.75	
Toluene	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Ethylbenzene	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Methyl tert butyl ether	10	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
p/m-Xylene	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	5	ug/l	2.5	U	2.5	U	1.2	J	2.1	J	2.5	U
2-Butanone	50	ug/l	5	U	5	U	5	U	5	U	5	U
Isopropylbenzene	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Naphthalene	10	ug/l	2.5	U	0.9	J	0.86	J	2.9		2.5	U
n-Propylbenzene	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trimethylbenzene	5	ug/l	2.5	U	1.4	J	2.5	U	1.2	J	2.5	U
1,2,4,5-Tetramethylbenzene	5	ug/l	2	U	2	U	2	U	0.58	J	2	U

Notes:

1. Results are shown in micrograms per liter (ug/L)
2. Bold = denotes exceedances of NYSDEC AWQS
3. Q = Qualifier
4. U = Compound Not Detected
5. J = concentration estimated

3.1.2 CHLORINATED VOCs (CVOCs)

As shown on **Table 3.3** below, the CVOCs in groundwater are at very low concentrations, only marginally exceeding the AWQS, and have reached asymptotic levels as shown in **Figure 2.2B**. Cis 1,2, DCE and vinyl chloride are the only CVOCs detected in monitoring wells on the Site and only slightly above the AWQS in MW-1, MW-5 and MW-7. The data collected from the June sampling did not result in any significant changes in the concentration ranges of the of cis 1,2 DCE. All the other CVOCs that previously resulted in exceedances are below their respective AWQS in the latest sampling rounds. As all potential CVOC sources were removed from the Site and remaining CVOC concentrations in GW are at or near the AWQS, and because there is no use of groundwater due to existing statutory restrictions and no risk of vapor intrusion, these data support cessation of groundwater monitoring.

Table 3.3 Summary of CVOCs in Groundwater

LOCATION			MW-1		MW-1		MW-1		MW-1		MW-1	
SAMPLING DATE			6/8/2021		9/14/2021		12/6/2021		3/1/2022		6/23/2022	
LAB SAMPLE ID			L2130744-02		L2149496-01		L2166863-01		L2210753-01		L2233608-01	
SAMPLE TYPE			WATER		WATER		WATER		WATER		WATER	
SAMPLE DEPTH (ft.)												
	NY-AWQS	Units	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
cis-1,2-Dichloroethene	5	ug/l	**15**		**11**		**10**		**8.4**		**7.8**	

LOCATION			MW-5		MW-5		MW-5		MW-5		MW-5	
SAMPLING DATE			6/8/2021		9/14/2021		12/7/2021		3/2/2022		6/24/2022	
LAB SAMPLE ID			L2130744-03		L2149496-02		L2167200-02		L2211048-02		L2233907-01	
SAMPLE TYPE			WATER		WATER		WATER		WATER		WATER	
SAMPLE DEPTH (ft.)												
	NY-AWQS	Units	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
cis-1,2-Dichloroethene	5	ug/l	**12**		**11**		**5**		**12**		**9.1**	

LOCATION			MW-7		MW-7		MW-7		MW-7		MW-7		MW-8	
SAMPLING DATE			6/9/2021		9/14/2021		12/6/2021		3/2/2022		6/23/2022		6/8/2021	
LAB SAMPLE ID			L2131117-01		L2149496-03		L2166863-03		L2211048-03		L2233608-02		L2130744-05	
SAMPLE TYPE			WATER		WATER		WATER		WATER		WATER		WATER	
SAMPLE DEPTH (ft.)														
	NY-AWQS	Units	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Vinyl chloride	2	ug/l	**2.4**		**2**		**3.5**		**4**		**4.5**		0.49	J
cis-1,2-Dichloroethene	5	ug/l	**8**		4.8		3.9		4.8		0.5	U	**10**	

Notes:
1. Results are shown in micrograms per liter (ug/L)
2. Bold = denotes exceedances of NYSDEC AWQS
3. Q = Qualifier
4. U = Compound Not Detected
5. J = concentration estimated

3.1.3 SUMMARY OF GROUNDWATER FINDINGS

The dissolved contaminants in the groundwater have varied within a narrow concentration range including the results of the June 2022. The sources that have impacted groundwater, including two (2) off-Site USTs, have been removed and remediated. The data confirm that there has been bulk reduction in groundwater contaminants and that the VOC concentrations in groundwater have reached the AWQS and/or asymptotic levels. Chapter 873, Article VII of the Laws of Westchester County prohibits potable use of groundwater, which prevents ingestion of groundwater at or around the Site. For these reasons, groundwater treatment here is not practical and further monitoring is no longer warranted. Per the email from Gerald Pratt of NYSDEC of October, 21, 2022, groundwater monitoring is no longer required. Accordingly, the Site meets the standard for an unrestricted Track 1.

4.0 IC/EC PLAN COMPLIANCE

4.1 IC/EC REQUIREMENTS AND COMPLIANCE

Institutional and Engineering Controls

The Site remedy required that an EE be placed on the Site monitor groundwater and soil vapor post COC. A SMP (December 2019) was prepared by SESI and approved by the NYSDEC for the short-term management and monitoring of the EE requirements. However, based on the results of this PRR, the EE will be removed from the Site and SMP will no longer be required.

Criteria for Completion of Remediation/Termination of Remedial Systems

Generally, remedial processes are considered completed when monitoring indicates that the remedy has achieved the remedial action objectives identified by the decision document. The framework for determining when remedial processes are complete is provided in Section 6.4 of NYSDEC Division of Environmental Remediation (DER-10) Technical Guidance for Site Investigation and Remediation (May 3, 2010).

Monitoring Wells Associated with Monitored Natural Attenuation

Groundwater monitoring activities to assess natural attenuation will continue as determined by the NYSDEC, with consultation with NYSDOH, until residual groundwater concentrations are found to be below ambient water quality standards, the Site standards, criteria, and guidance (SCGs), or have become asymptotic at an acceptable level over an extended period. In the event that monitoring data indicates that monitoring for natural attenuation may no longer be required, a proposal to discontinue monitoring will be submitted by the remedial party. Monitoring will be halted post this PRR based on the permission that was granted by the NYSDEC to discontinue monitoring.

Soil Vapor Intrusion Evaluation

A soil vapor intrusion evaluation must be performed upon a change in use of the property that will result in occupancy of a previously unoccupied building or initial occupancy of a new building. In a July 8, 2022 SMP PRR response letter the department the concurred with SESI recommendation to halt the soil-sub-slab vapor, indoor and outdoor air monitoring.

4.2 IC/EC CERTIFICATION

The NYSDEC Institutional and Engineering Controls Certification Form has been completed and is included in **Appendix E**.

5.0 MONITORING PLAN COMPLIANCE

Monitoring Completed During Current Reporting Period

Table 5.1: SMP Monitoring Program Frequency

Monitoring Program	Frequency	Matrix	Analysis
Groundwater	Annual	Water	VOCs

Groundwater Monitoring

Groundwater samples were collected from MW-1, GW-2, MW-5, MW-8, and MW-9 quarterly in accordance with the SMP. Groundwater samples were analyzed for VOCs and PFAS as described in Section 3.

Comparison with Remedial Objectives

Groundwater

The sources that have impacted groundwater, including two (2) off-Site USTs, have been removed and remediated. The data confirm that there has been bulk reduction in groundwater contaminants and that the VOC concentrations in groundwater have reached the AWQS and/or asymptotic levels. Chapter 873, Article VII of the Laws of Westchester County prohibits potable use of groundwater, which prevents ingestion of groundwater at or around the Site. For these reasons, groundwater treatment here is not practical and further monitoring is no longer warranted. Per the email from Gerald Pratt of NYSDEC on October, 21, 2022, groundwater monitoring is no longer required. Accordingly, the Site meets the standard for an unrestricted Track 1 Remedy and the Department should allow the Volunteer to terminate the conditional EE.

Monitoring Deficiencies

All aspects of the monitoring plan were in accordance with NYSDEC applicable regulations.

6.0 OPERATION AND MAINTENANCE PLAN COMPLIANCE

The Site remedy does not rely on any mechanical systems, such as sub-slab depressurization systems or air sparge/soil vapor extraction systems, to protect public health and the environment. Therefore, the operation and maintenance of such components is not applicable.

7.0 CONCLUSIONS AND RECOMMENDATIONS

Compliance with the SMP

All aspects of the SMP, including IC/EC and monitoring, have met the requirements. The O&M is no longer required at the Site.

There are no new exposure pathways resulting in an unacceptable risk.

Performance and Effectiveness of the Remedy

The sampling of the monitoring well network is determining the effectiveness of the Site's ability to naturally degrade the contaminants of concern in groundwater.

Future PRR Submittals

No future PRR are required for the Site.

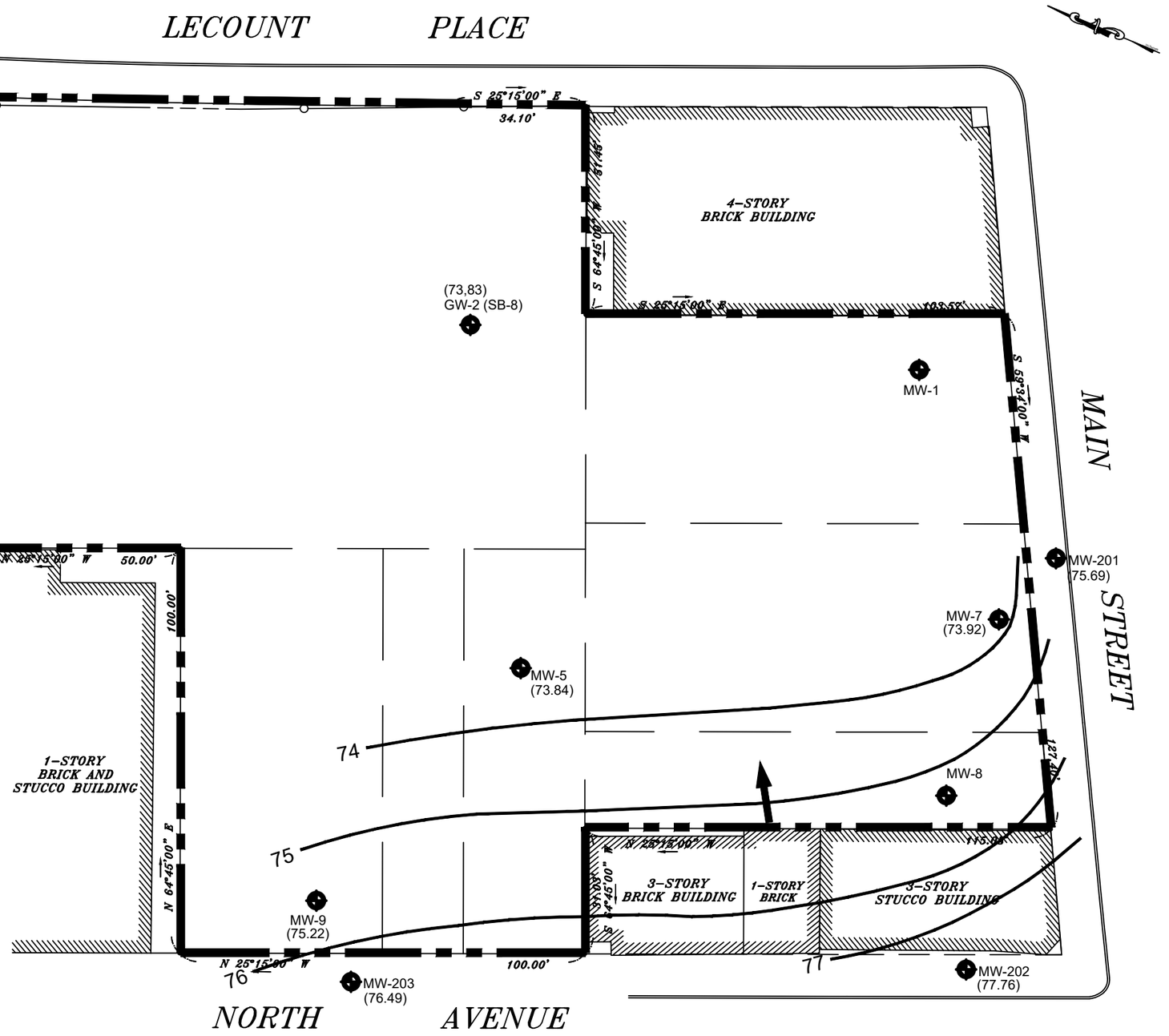
Conclusions and Recommendations

All aspects of the remedial program meet the Site remedy design goal.

We recommend the following for the next reporting period:

- The contaminant levels in groundwater have achieved the AWQS and/or reached asymptotic dissolved VOC concentrations. Per the email from Gerald Pratt of NYSDEC of October, 21, 2022, groundwater monitoring is no longer required.
- Accordingly, the Site meets the standard for an unrestricted Track 1 Remedy and the Volunteer will terminate the EE and the SMP requirements.
- Volunteer hereby requests pursuant to Paragraph 9 of the Environmental Easement that the Department extinguish the Environmental Easement and provide Volunteer with a "TERMINATION AND RELEASE OF ENVIRONMENTAL EASEMENT " for recording on the Site.

Figures



Well No.	Elevation Top of Casing (ft-msl) *	Depth to Water (ft) From Top of Casing	Groundwater Elevation (ft-msl)
GW-2	73.83	0	73.83
MW-5	74.94	1.1	73.84
MW-7	88.14	14.22	73.92
MW-9	75.86	0.64	75.22
MW-201	87.64	11.95	75.69
MW-202	88.6	10.84	77.76
MW-203	87.51	11.02	76.49

LEGEND:

- MW-202 — EXISTING MONITORING WELL NUMBER & APPROX. LOCATION
- (77.41) — GROUND WATER ELEVATION (FEET)
- GROUND WATER ELEVATION CONTOUR (FEET) DASHED WHERE INFERRED
- GROUND WATER ELEVATION DIRECTION

NOTES:
1. THIS PLAN IS FOR LOCATING GROUNDWATER SAMPLES & THEIR GROUNDWATER ELEVATIONS ONLY.

SCALE: 1"=30'

0 30 60

REFERENCE
EXIST CONDITIONS & BOUNDARY ARE TAKEN FROM "WORKSHEET" PREPARED BY CONTRACTORS' LINE & GRADE SOUTH, LLC. DATED JANUARY 27, 2020.

SESI CONSULTING ENGINEERS
SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL
12A MAPLE AVE. PINE BROOK, N.J. 07058 PH: 973-808-9050

dwg by: AW
chk by: SG
scale: AS NOTED
date: 08/04/2022

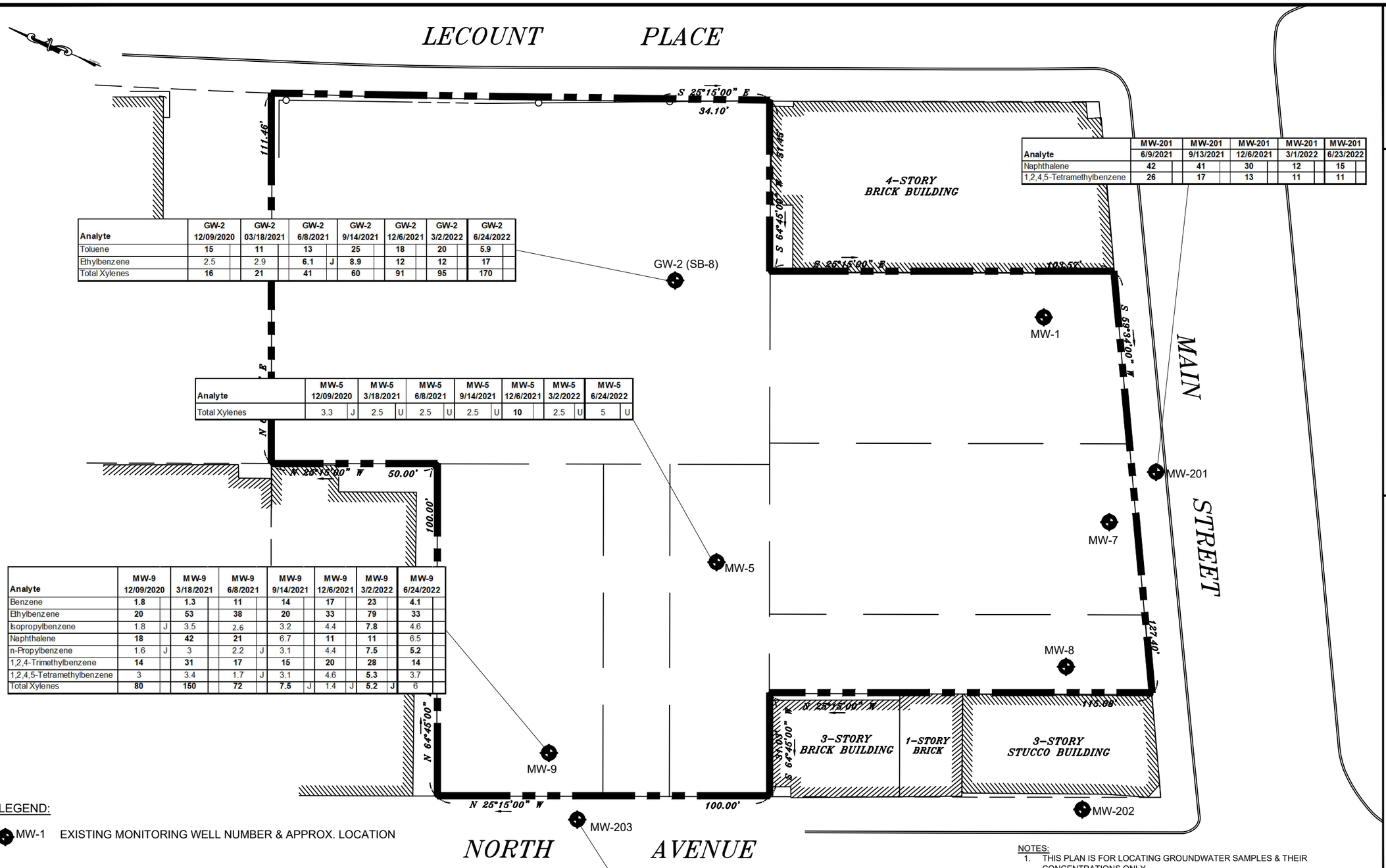
project: 14 LECOUNT STANDARD PRINTING (BCP C360176) NEW ROCHELLE, N.Y.

drawing title: SMP GROUNDWATER CONTOUR MAP (JUNE 2022)

job no: 11744
drawing no:

FIG-2.1

N: \ACAD\11744\CAD\11744 – SMP–1 – GWCONS_(06–22).DWG 08/04/22 02:18:38PM, alan.ward, LAYOUT:GW CONS 6–22



Analyte	GW-2 12/09/2020		GW-2 03/18/2021		GW-2 6/8/2021		GW-2 9/14/2021		GW-2 12/6/2021		GW-2 3/2/2022		GW-2 6/24/2022	
Toluene	15		11		13		25		18		20		5.9	
Ethylbenzene	2.5		2.9		6.1	J	8.9		12		12		17	
Total Xylenes	16		21		41		60		91		95		170	

Analyte	MW-201 6/9/2021		MW-201 9/13/2021		MW-201 12/6/2021		MW-201 3/1/2022		MW-201 6/23/2022	
Naphthalene	42		41		30		12		15	
1,2,4,5-Tetramethylbenzene	26		17		13		11		11	

Analyte	MW-5 12/09/2020		MW-5 3/18/2021		MW-5 6/8/2021		MW-5 9/14/2021		MW-5 12/6/2021		MW-5 3/2/2022		MW-5 6/24/2022	
Total Xylenes	3.3	J	2.5	U	2.5	U	2.5	U	10		2.5	U	5	U

Analyte	MW-9 12/09/2020		MW-9 3/18/2021		MW-9 6/8/2021		MW-9 9/14/2021		MW-9 12/6/2021		MW-9 3/2/2022		MW-9 6/24/2022	
Benzene	1.8		1.3		11		14		17		23		4.1	
Ethylbenzene	20		53		38		20		33		79		33	
Isopropylbenzene	1.8	J	3.5		2.6		3.2		4.4		7.8		4.6	
Naphthalene	18		42		21		6.7		11		11		6.5	
n-Propylbenzene	1.6	J	3		2.2	J	3.1		4.4		7.5		5.2	
1,2,4-Trimethylbenzene	14		31		17		15		20		28		14	
1,2,4,5-Tetramethylbenzene	3		3.4		1.7	J	3.1		4.6		5.3		3.7	
Total Xylenes	80		150		72		7.5	J	1.4	J	5.2	J	6	

Analyte	MW-203 6/9/2021		MW-203 9/13/2021		MW-203 12/6/2021		MW-203 3/1/2022		MW-203 6/23/2022	
Benzene	0.5	U	0.5	U	20		3.2		0.75	

LEGEND:

MW-1 EXISTING MONITORING WELL NUMBER & APPROX. LOCATION

NOTES:
1. THIS PLAN IS FOR LOCATING GROUNDWATER SAMPLES & THEIR CONCENTRATIONS ONLY.
2. CONCENTRATIONS SHOWN IN BOLD TYPE FACE EXCEED NYSAWQS.
3. J: RESULT IS LESS THAN THE RL BUT GREATER THAN OR EQUAL TO THE MDL AND THE CONCENTRATION IS AN APPROXIMATE VALUE.
4. U: INDICATES THE ANALYTE WAS ANALYZED FOR BUT NOT DETECTED.

SCALE: 1"=30'

0 30 60

REFERENCE
EXIST CONDITIONS & BOUNDARY ARE TAKEN FROM "WORKSHEET" PREPARED BY CONTRACTORS' LINE & GRADE SOUTH, LLC. DATED JANUARY 27, 2020.

dwg by: AW
chk by: SG
scale: AS NOTED
date: 08/04/2022

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SITE DESIGN
ENVIRONMENTAL
12A MAPLE AVE. PINE BROOK, N.J. 07058 PH: 973-808-9050

project: 14 LECOUNT STANDARD PRINTING (BCP C360176) NEW ROCHELLE, N.Y.

drawing title: SMP GROUNDWATER PHC SAMPLING RESULTS PLAN

job no: 11744
drawing no:

FIG 2.2A

N:\ACAD\11744\CAD\11744 – SMP–2A – SMP GROUNDWATER PHC SAMPLING RESULTS PLAN.DWG 08/04/22 02:23:55PM, alan.ward, LAYOUT:PHC

LECOUNT PLACE

Analyte	MW-1 12/09/2020	MW-1 3/18/2021	MW-1 6/8/2021	MW-1 9/14/2021	MW-1 12/6/2021	MW-1 3/1/2022	MW-1 6/23/2022
cis-1,2-Dichloroethene	11	12	15	11	10	8.4	7.8

S 25°15'00" E 34.10'

111.46'

S 64°45'00" W 61.46'

4-STORY BRICK BUILDING

GW-2 (SB-8)

MW-1

S 25°15'00" E 139.52'

S 69°37'00" W 127.40'

MAIN STREET

Analyte	MW-5 12/09/2020		MW-5 3/18/2021		MW-5 6/8/2021		MW-5 9/14/2021		MW-5 12/6/2021		MW-5 3/2/2022		MW-5 6/24/2022	
Chloroform	14		2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	2.5	U	12		12		11		5		12		9.1	

N 64°45'00" E

N 25°15'00" W 50.00'

100.00'

Analyte	MW-7 12/09/2020		MW-7 3/18/2021		MW-7 6/8/2021	MW-7 9/14/2021		MW-7 12/6/2021	MW-7 3/2/2022		MW-7 6/23/2022
cis-1,2-Dichloroethene	4.9		8.9		8	4.8		3.9	4.8		5.6
Vinyl chloride	0.28	J	1.3		2.4	2		3.5	4		4.5

MW-201

MW-7

MW-5

Analyte	MW-8 12/09/2020		MW-8 3/18/2021	MW-8 6/8/2021	MW-8 9/14/2021	MW-8 12/6/2021	MW-8 3/2/2022
cis-1,2-Dichloroethene	0.5	U	12	10	-	-	-

MW-8

1-STORY BRICK AND STUCCO BUILDING

N 64°45'00" E

N 25°15'00" W 115.88'

S 64°45'00" E 37.00'

3-STORY BRICK BUILDING

1-STORY BRICK

3-STORY STUCCO B

Analyte	MW-202 6/9/2021		MW-202 9/13/2021		MW-202 12/6/2021		MW-202 6/23/2022	
Trichloroethene	0.5	U	0.3	J	0.32	J	0.5	U
Tetrachloroethene	0.34	J	0.32	J	0.32	J	0.5	U

MW-9

MW-202

N 25°15'00" W 100.00'

MW-203

NORTH AVENUE

LEGEND:

MW-1 EXISTING MONITORING WELL NUMBER & APPROX. LOCATION

NOTES:
1. THIS PLAN IS FOR LOCATING GROUNDWATER SAMPLES & THEIR CONCENTRATIONS ONLY.
2. CONCENTRATIONS SHOWN IN BOLD TYPE FACE EXCEED NYSAWQS.
3. J: RESULT IS LESS THAN THE RL BUT GREATER THAN OR EQUAL TO THE MDL AND THE CONCENTRATION IS AN APPROXIMATE VALUE.
4. U: INDICATES THE ANALYTE WAS ANALYZED FOR BUT NOT DETECTED.

SCALE: 1"=30'

0 30 60

REFERENCE
EXIST CONDITIONS & BOUNDARY ARE TAKEN FROM "WORKSHEET" PREPARED BY CONTRACTORS' LINE & GRADE SOUTH, LLC. DATED JANUARY 27, 2020.

SESI CONSULTING ENGINEERS
SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL
12A MAPLE AVE. PINE BROOK, N.J. 07058 PH: 973-808-9050

dwg by: AW
chk by: SG
scale: AS NOTED
date: 08/04/2022

project: 14 LECOUNT STANDARD PRINTING (BCP C360176) NEW ROCHELLE, N.Y.

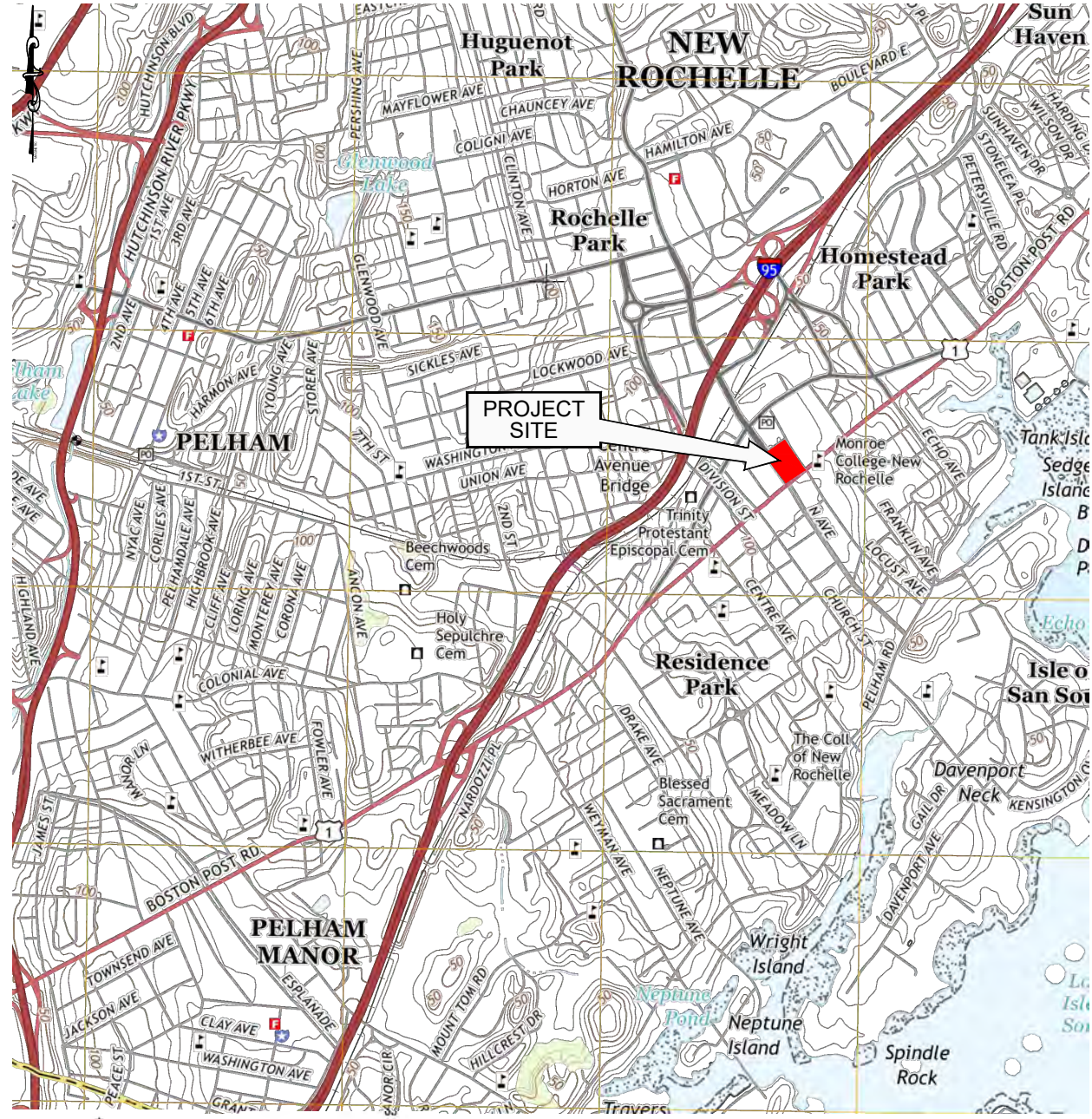
drawing title: SMP GROUNDWATER CVOC SAMPLING RESULTS PLAN

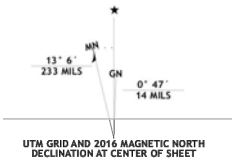
job no: 11744
drawing no:

FIG 2.2B

N:\ACAD\11744\CAD\11744 - SMP-2B - SMP GROUNDWATER CVOC SAMPLING RESULTS PLAN.DWG 08/04/22 01:32:10PM, alan.ward, LAYOUT: CVOC

Appendix A:
Site Management Plan Figures





UTM GRID AND 2016 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

QUADRANGLE LOCATION

U.S. National Grid
100,000-m Square ID
WL XL
Grid Zone Designation 18T

1	2	3
4		5
6	7	8

1 Nyack
2 White Plains
3 Glenville
4 Yonkers
5 Mamaroneck
6 Central Park
7 Flushing
8 Sea Cliff

ADJOINING QUADRANGLES

FIG-1.1

LECOUNT PLACE
NEW ROCHELLE, N.Y.

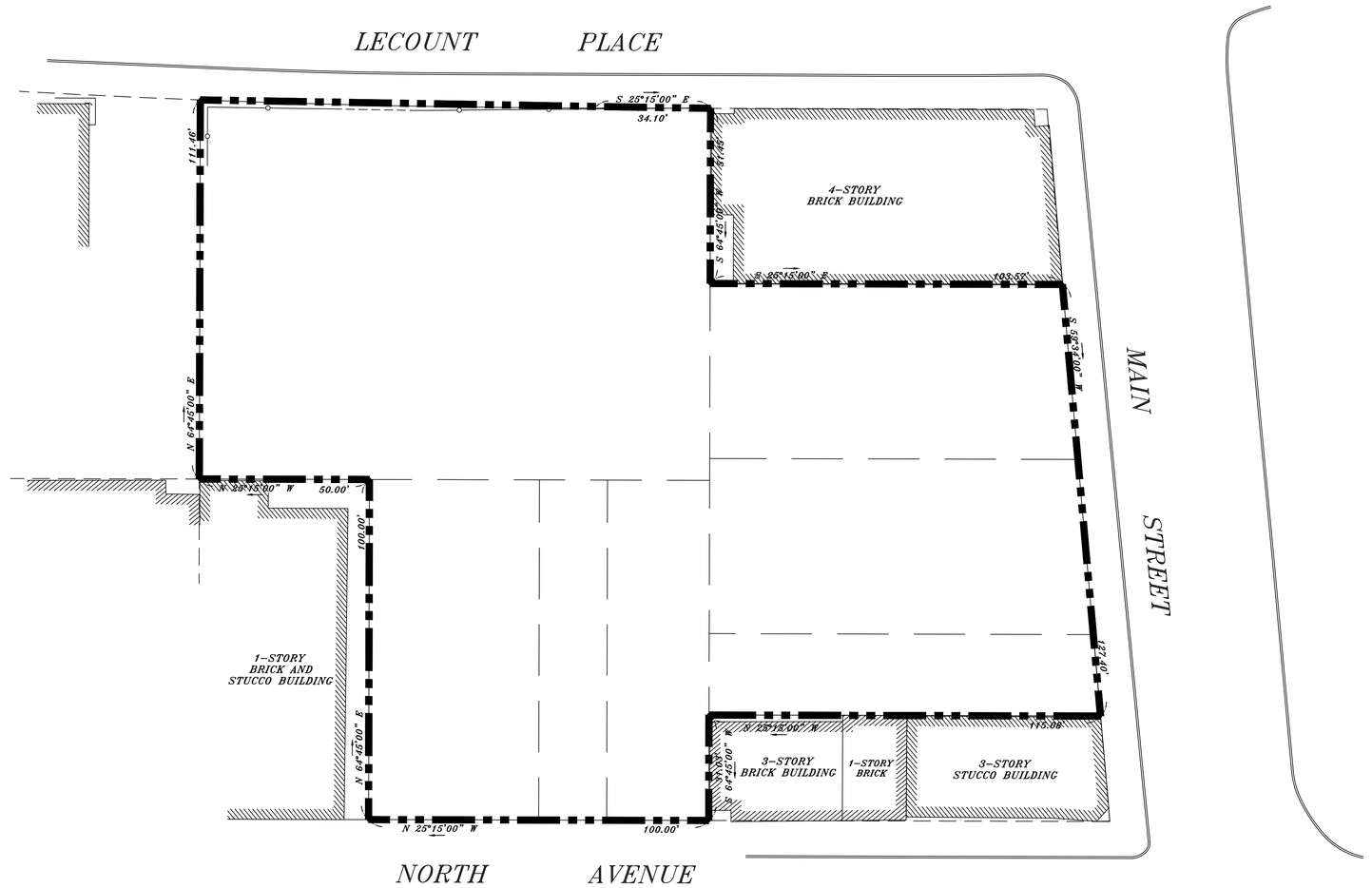
SITE LOCATION MAP

SESI
CONSULTING
ENGINEERS D.P.C.

SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL

12A MAPLE AVE. PINE BROOK, N.J. 07058 PH: 973-808-9050

DRAWN BY: yy
CHECKED BY: SG
SCALE: N.T.S.
DATE: 03/20/19
JOB NO.: 10100



NYS Education Law
Unauthorized alterations or additions to this plan are a violation of section 7209 (2) of the New York State Education Law. Copies of this map not having the seal of the engineer shall not be valid.

REFERENCE
EXIST CONDITIONS & BOUNDARY ARE TAKEN FROM "WORKSHEET" PREPARED BY CONTRACTORS' LINE & GRADE SOUTH, LLC. DATED MARCH 19, 2019.

NOTE:
THIS PLAN IS FOR REFERENCE ONLY. OTHER SITE WORK SHOWN HERE IS NOT INTENDED FOR CONSTRUCTION.

LEGEND:
- PROPERTY LINE

Scale: 1"= 20'
0 10 20 40 60 80

rev	date	description	by

dwg by: yy
chk by: CH
scale: 1" = 20'
date: 12/06/19

SESI CONSULTING ENGINEERS D.P.C.
SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL
12A MAPLE AVE., PINE BROOK, NJ. 07058 PH: 973-808-9050

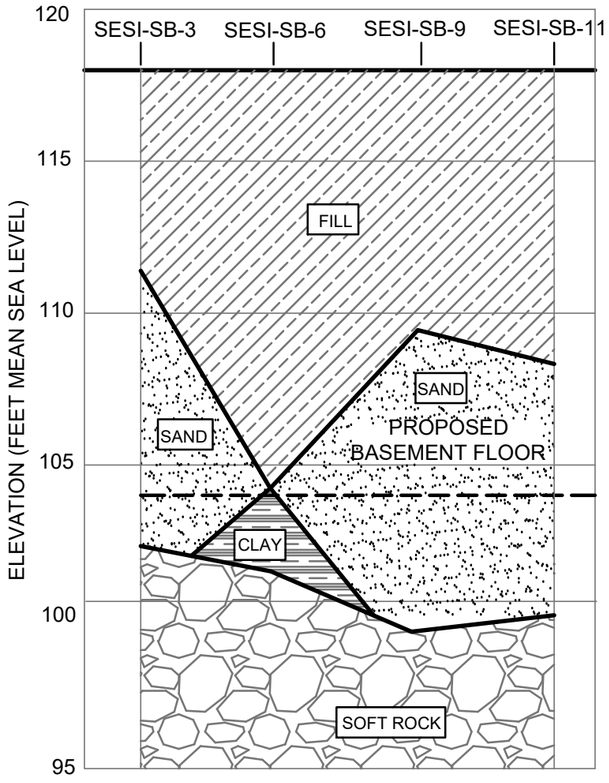
FUAD DAHAN, P.E.
PROFESSIONAL ENGINEER
N.Y. LIC. NO. 090531

14 LECOUNT STANDARD PRINTING (BCP C360176)
NEW ROCHELLE, N.Y.

drawing title:
SITE MANAGEMENT PLAN
SITE LAYOUT MAP

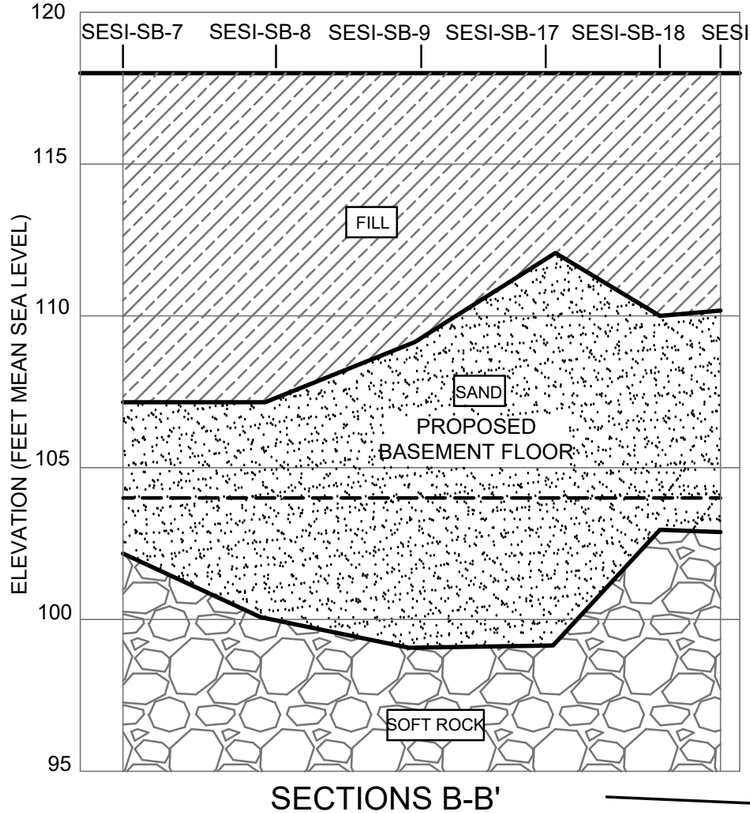
job no. 10100
drawing no.
FIG-1.2

N:\CAD\10100\CAD\PERM\10100 FIG-1.2 SITE LAYOUT MAP.DWG 12/20/19 10:22:53AM jerry LAYOUT:FIG-1.2



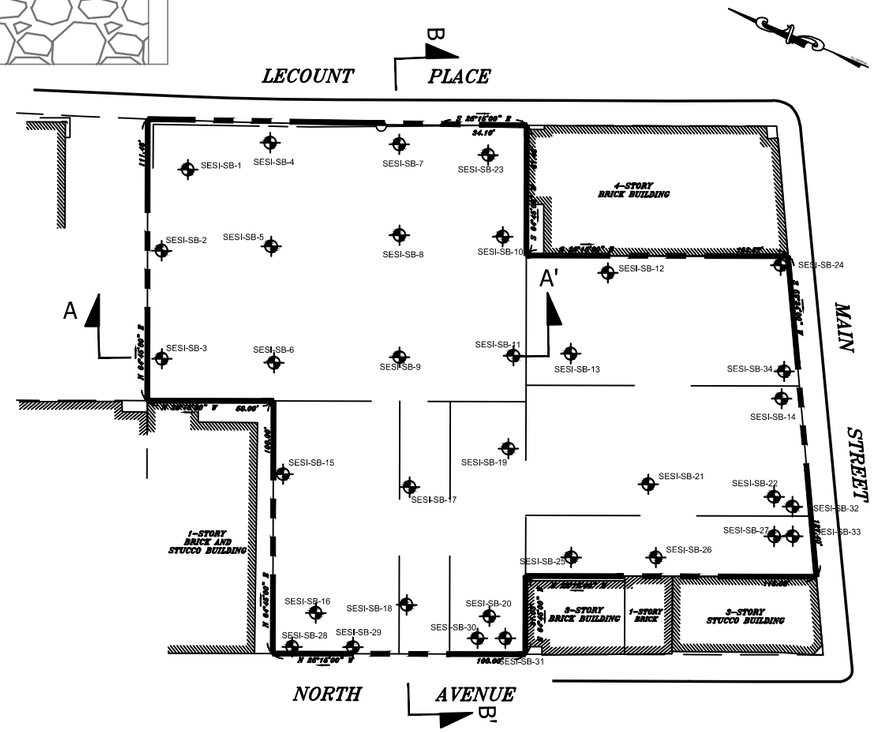
SECTIONS A-A'

SCALE: H: 1" = 50', V: 1" = 5'



SECTIONS B-B'

SCALE: H: 1" = 50', V: 1" = 5'



PLAN

SCALE: 1" = 60'

SESI-SB-1 - SOIL BORING NUMBER & APPROX. LOCATION

REFERENCE
EXIST CONDITIONS & BOUNDARY ARE TAKEN FROM "WORKSHEET" PREPARED BY CONTRACTORS' LINE & GRADE SOUTH, LLC. DATED MARCH 19, 2019.

dwg by: yy
chk by: CH
scale: AS NOTED
date: 12/06/19

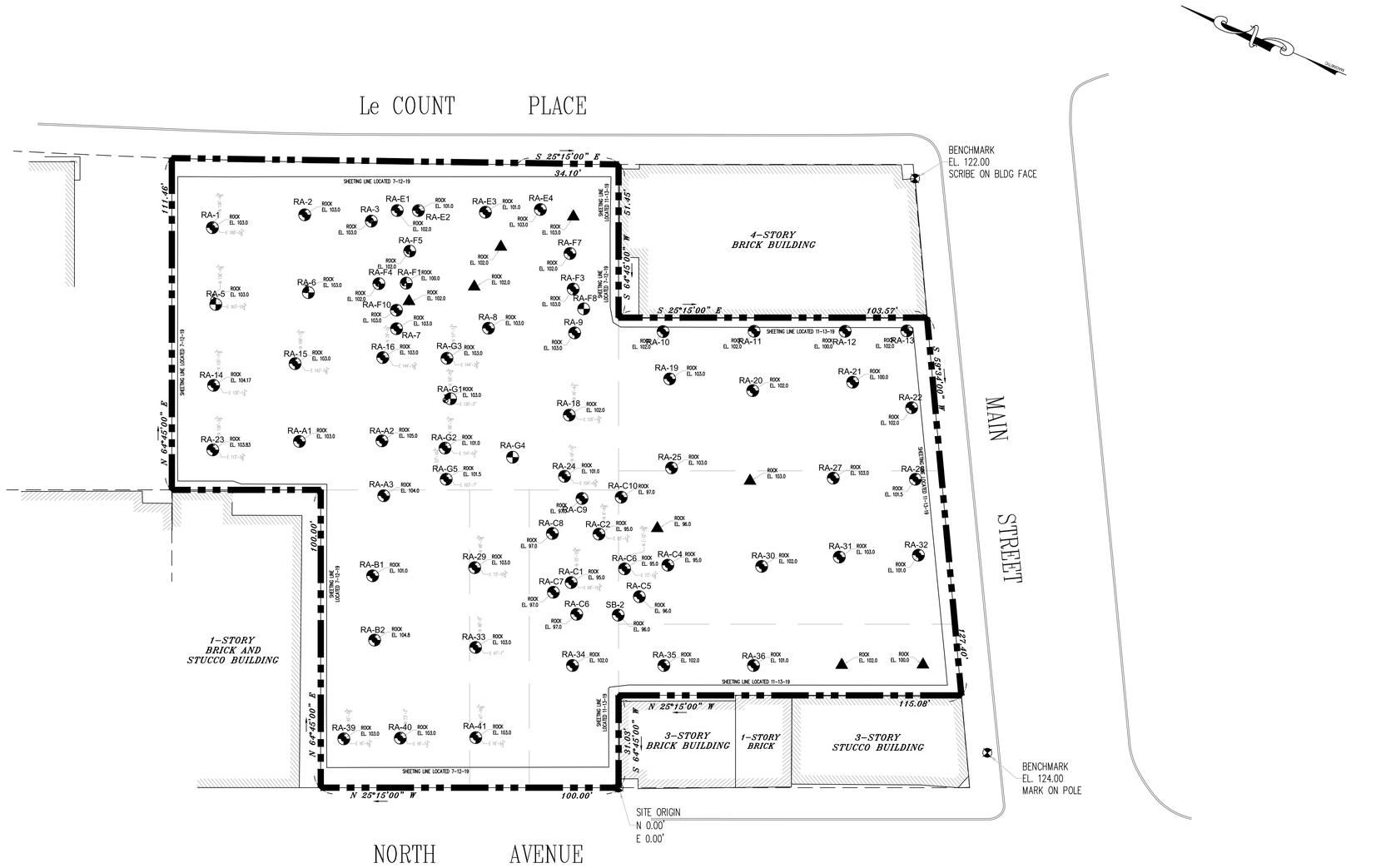
SESI CONSULTING ENGINEERS D.P.C.
SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL
12A MAPLE AVE. PINE BROOK, N.J. 07058 PH: 973-808-9050

project: LECOUNT PLACE
NEW ROCHELLE, N.Y.

drawing title: SITE MANAGEMENT PLAN
GEOLOGIC CROSS SECTION

job no: 10100
drawing no:

FIG-2.1



LEGEND

RA-28

- LOCATION OF COLLECTED SAMPLE
- BEDROCK ELEVATION POINT
- ROCK EL 101.0 - BEDROCK ELEVATION
- SOE AS-BUILT LOCATION
- BCP BOUNDARY/PROPERTY LINE

Scale: 1"= 20'

0 10 20 40 60 80

NOTE:
1. THIS PLAN IS FOR LOCATING SAMPLES ONLY. OTHER SITE WORK SHOWN HERE IS NOT INTENDED FOR CONSTRUCTION.
2. ALL SAMPLED LOCATIONS HAVE BEEN EXCAVATED TO ROCK

N:\VCA\10100\CAD\VEBA\10100 FIG-2-2 FINAL EXCAVATION SURVEY.DWG 12/06/19 10:28:24AM, jerry, LAYOUT:FIG 2-2

rev	date	description	by

dwg by: AAS
chk by: FL
scale: AS NOTED
date: 12/06/19

SESI CONSULTING ENGINEERS D.P.C.
SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL
12A MAPLE AVE. PINE BROOK, NJ. 07058 PH: 973-808-9050

14 LECOUNT STANDARD PRINTING (BCP C360176)
NEW ROCHELLE, N.Y.

title: SITE MANAGEMENT PLAN
FINAL EXCAVATION SURVEY

job no. 10100
drawing no. FIG 2-2

Analyte	Units	NYSDEC AWQS	GW-2 2/11/2019	GW-2R 9/30/2019	GW-2R 11/1/2019	GW-2R 11/27/2019
VOCs (8260)						
cis-1,2-Dichloroethene	ug/L	5	0.22 U	0.22 U	**8.0**	**10**
SVOC (8270)						
Benzo[a]pyrene	ug/L	ND	**0.057**	0.022 U	0.022 U	NS
Benzo[a]anthracene	ug/L	0.002	**0.090**	**0.037 J**	0.016 U	NS
Benzo[b]fluoranthene	ug/L	0.002	**0.10**	0.024 U	0.024 U	NS
Benzo[k]fluoranthene	ug/L	0.002	**0.035 J**	0.028 U	0.028 U	NS
Indeno[1,2,3-cd]pyrene	ug/L	0.002	**0.086**	0.036 U	0.036 U	NS
PESTICIDES (8081B)						
Heptachlor	ug/L	0.04	**0.074**	NA	NA	NS

Analyte	Units	NYSDEC AWQS	MW-4 2/25/2019	MW-4R 9/30/2019	MW-4R 11/1/2019
SVOCs (8270)					
Benzo[a]pyrene	ug/L	ND	**0.023 J**	0.022 U	0.022 U
Benzo[a]anthracene	ug/L	0.002	**0.027 J**	**0.027 J**	0.016 U
Benzo[b]fluoranthene	ug/L	0.002	**0.037 J**	0.024 U	0.024 U

Analyte	Units	NYSDEC AWQS	MW-1 5/30/2019	MW-1R 9/30/2019	MW-1R 10/30/2019	MW-1R 11/27/2019
VOCs (8260)						
Benzene	ug/L	1	**0.95 J**	0.20 U	**5.4**	**0.2 U**
cis-1,2-Dichloroethene	ug/L	5	**9.3**	**11**	**4.0**	**17**
Isopropylbenzene	ug/L	5	**8.0**	**5.2**	**0.39 J**	**0.34 U**

Analyte	Units	NYSDEC AWQS	MW-3 2/25/2019	MW-3R 9/30/2019	MW-3R 10/31/2019
SVOCs (8270)					
Benzo[a]anthracene	ug/L	0.002	**0.043 J**	0.016 U	0.016 U
Benzo[b]fluoranthene	ug/L	0.002	**0.039 J**	0.024 U	0.024 U

Analyte	Units	NYSDEC AWQS	GW-1 2/13/2019	GW-1R 9/30/2019	GW-1R 11/1/2019
SVOC (8270)					
Benzo[a]pyrene	ug/L	ND	**0.37**	0.022 U	0.022 U
Benzo[a]anthracene	ug/L	0.002	**0.25**	0.016 U	0.016 U
Benzo[b]fluoranthene	ug/L	0.002	**0.66**	0.024 U	0.024 U
Benzo[k]fluoranthene	ug/L	0.002	**0.26**	0.028 U	0.028 U
Indeno[1,2,3-cd]pyrene	ug/L	0.002	**0.28**	0.036 U	0.036 U

Analyte	Units	NYSDEC AWQS	GW-6 5/29/2019	GW-6R 10/2/2019	GW-6R 10/30/2019
VOCs (8260)					
cis-1,2-Dichloroethene	ug/L	5	**5.9**	0.22 U	**1.2**
Isopropylbenzene	ug/L	5	**9.0**	3.2	2.4
SVOC (8270)					
Benzo[a]anthracene	ug/L	0.002	**0.049 J**	**0.025 J**	0.016 U

Analyte	Units	NYSDEC AWQS	MW-8 10/2/2019	MW-8 10/30/2019	MW-8 11/27/2019
VOCs (8260)					
Isopropylbenzene	ug/L	5	**57**	**7.2**	0.34U
cis-1,2-Dichloroethene		5	0.22 U	**1.8**	**5.8**
SVOC (8270)					
Pyrene	ug/L	50	**880 J**	1.6 U	NS
Benzo[a]anthracene	ug/L	0.002	**12**	0.016 U	NS
Acenaphthene	ug/L	20	**2400**	**6.1 J** *	NS
Phenanthrene	ug/L	50	**13000**	**10**	NS
Fluorene	ug/L	50	**3200**	**7.8 J**	NS

MW-3
GW-2 (SB-8)
MW-4
MW-1
GW-1 (SB-3)
GW-3 (SB-11)
MW-5
GW-4 (SB-15)
MW-7
GW-6(SB-36)
MW-8
GW-5 (SB-26)
RW-1
MW-6
MW-2

S 25°15'00" E 34.10'
S 64°45'00" W 81.46'
N 64°45'00" E
N 25°15'00" W 50.00'
100.00'
N 25°15'00" W 100.00'
S 64°45'00" E 100.00'
N 25°15'00" W 100.00'
S 64°45'00" E 100.00'
S 25°15'00" E 121.40'
N 25°15'00" W 115.00'
S 59°34'00" W

1-STORY BRICK AND STUCCO BUILDING
4-STORY BRICK
3-STORY BRICK BUILDING
1-STORY BRICK
3-STORY STUCCO BUILDING

MAIN STREET
NORTH AVENUE

LEGEND:

GW-1 TEMPORARY WELL NUMBER & APPROX. LOCATION

MW-1 MONITORING WELL NUMBER & APPROX. LOCATION

REFERENCE
EXIST CONDITIONS & BOUNDARY ARE TAKEN FROM "WORKSHEET" PREPARED BY CONTRACTORS' LINE & GRADE SOUTH, LLC. DATED MARCH 19, 2019.

NOTE:
THIS PLAN IS FOR LOCATING SAMPLES ONLY. OTHER SITE WORK SHOWN HERE IS NOT INTENDED FOR CONSTRUCTION.

SCALE: 1"=30'
0 30 60

dwg by: EW/JK
chk by: SG
scale: 1" = 30'
date: 12/06/19

SESI CONSULTING ENGINEERS D.P.C.
SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL
12A MAPLE AVE. PINE BROOK, N.J. 07058 PH: 973-808-9050

project: 14 LECOUNT STANDARD PRINTING (BCP C360176) NEW ROCHELLE, N.Y.

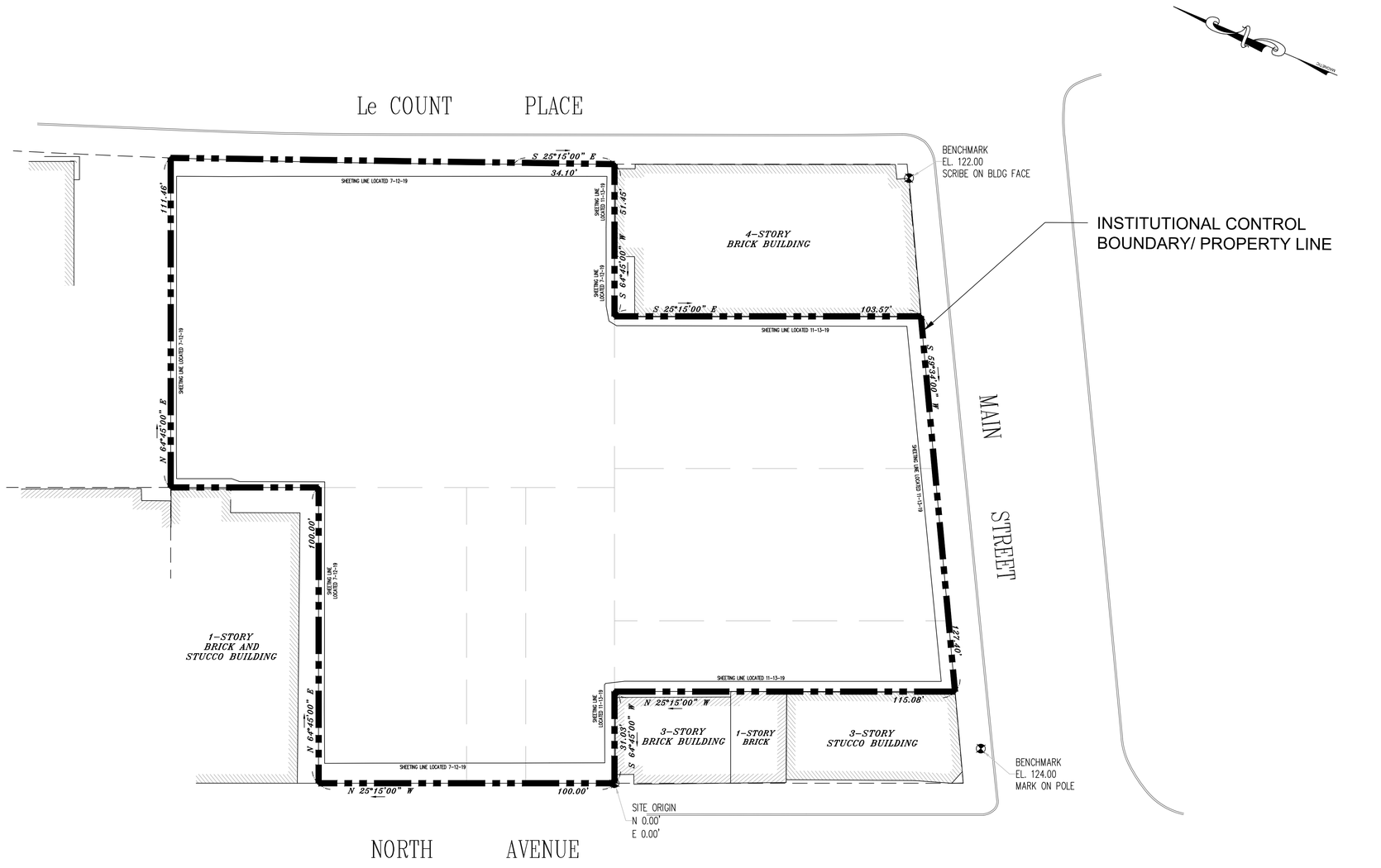
drawing title: SITE MANAGEMENT PLAN GROUNDWATER SAMPLE LOCATION AND RESULTS

job no: 10100
drawing no:

FIG-2.3

N:\ACAD\10100\CAD\FER\10100 FIG-2.3 GW SAMPLE LOCATION.DWG 12/06/19 01:33:21PM, fl, LAYOUT:FIG-2.3

N:\ACAD\10100\CAD\FER\10100 FIG-2.3 GW SAMPLE LOCATION.dwg, FIG-2.3, 12/6/2019 1:33:22 PM, 1:1



LEGEND

- SOE AS-BUILT LOCATION
- INSTITUTIONAL CONTROL BOUNDARY/PROPERTY LINE

Scale: 1"= 20'

0 10 20 40 60 80

N:\ACAD\12000\CAD\VER\12100 FIG-3.1 INSTITUTIONAL CONTROL BOUNDARY.dwg 12/09/19 10:49:47AM jenny LAYOUT:FIG-3.1

rev	date	description	by

dwg by: AAS
chk by: FL
scale: AS NOTED
date: 12/06/19

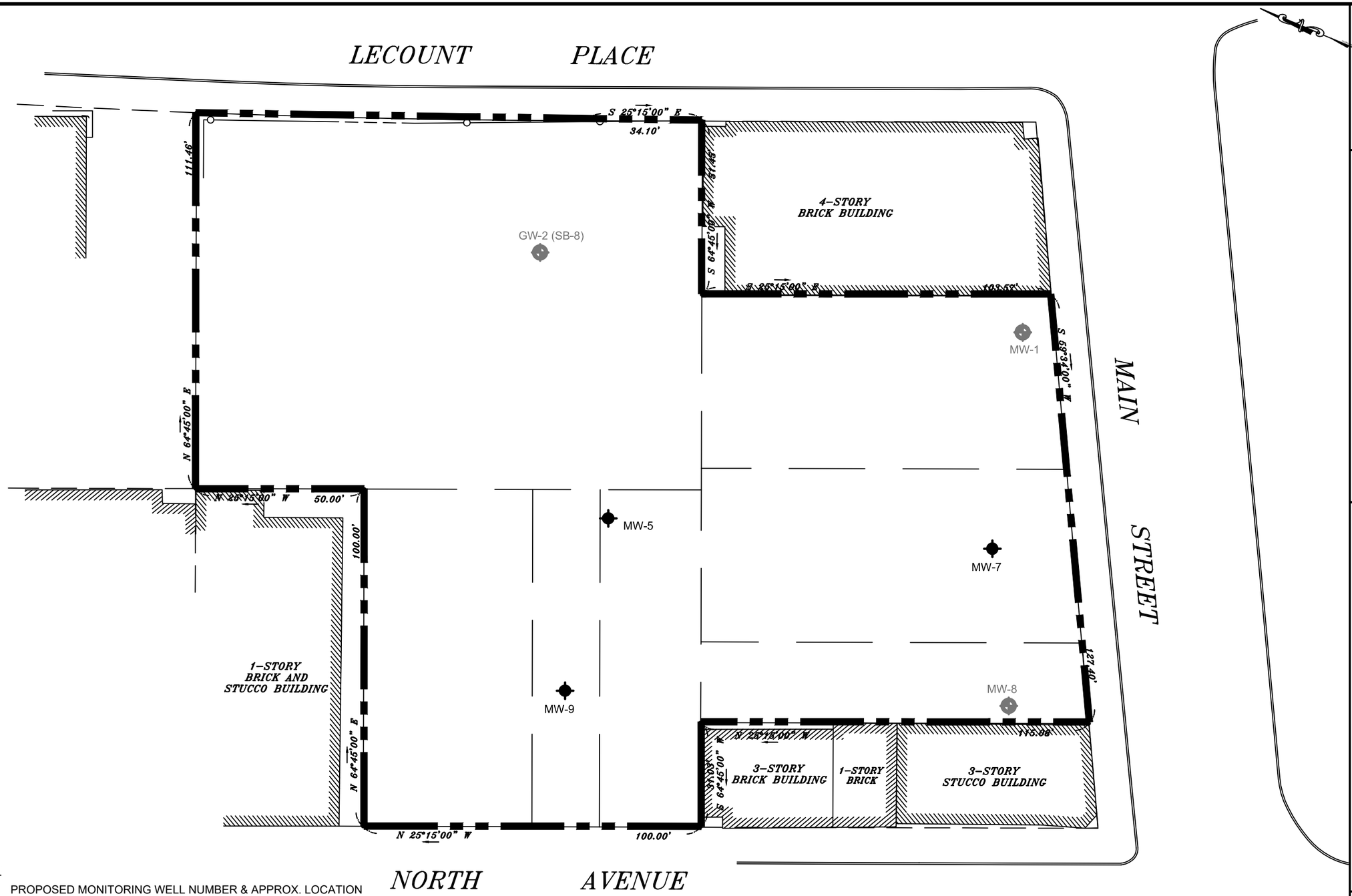
SESI CONSULTING ENGINEERS D.P.C.
SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL
12A MAPLE AVE. PINE BROOK, NJ. 07058 PH: 973-808-9050

14 LECOUNT STANDARD PRINTING (BCP C360176)
NEW ROCHELLE, N.Y.

title:
SITE MANAGEMENT PLAN
INSTITUTIONAL CONTROL BOUNDARIES

job no. 10100
drawing no.

FIG-3.1



LEGEND:

MW-7 PROPOSED MONITORING WELL NUMBER & APPROX. LOCATION

MW-1 EXISTING MONITORING WELL NUMBER & APPROX. LOCATION

REFERENCE
EXIST CONDITIONS & BOUNDARY ARE TAKEN FROM "WORKSHEET" PREPARED BY CONTRACTORS' LINE & GRADE SOUTH, LLC. DATED MARCH 19, 2019.

NOTE:
THIS PLAN IS FOR LOCATING SAMPLES ONLY. OTHER SITE WORK SHOWN HERE IS NOT INTENDED FOR CONSTRUCTION.

SCALE: 1"=30'
0 30 60

dwg by: yy
chk by: SG
scale: 1" = 30'
date: 12/06/19

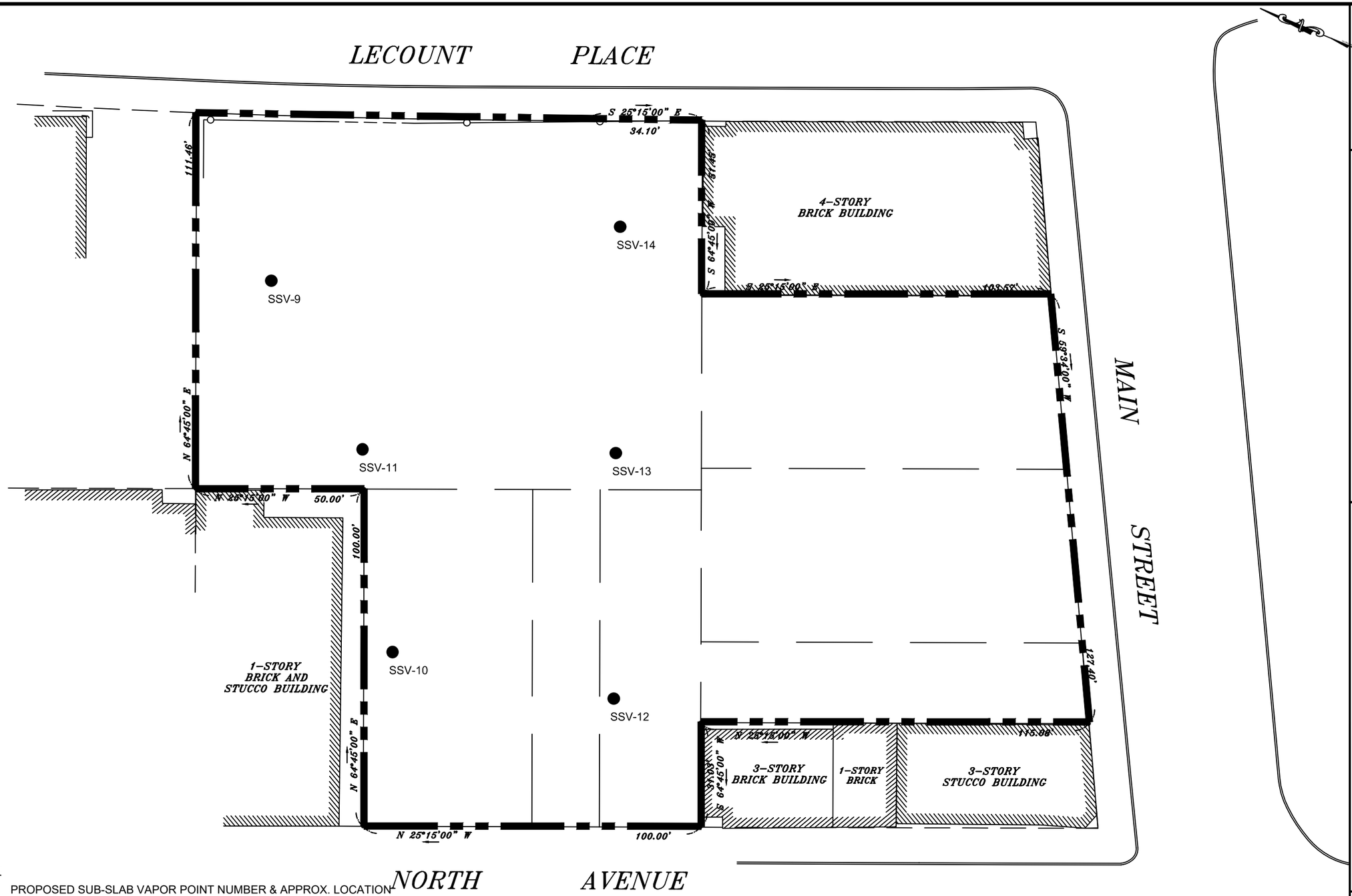
SESI CONSULTING ENGINEERS D.P.C.
SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL
12A MAPLE AVE. PINE BROOK, N.J. 07058 PH: 973-808-9050

project: 14 LECOUNT STANDARD PRINTING (BCP C360176) NEW ROCHELLE, N.Y.

drawing title: SITE MANAGEMENT PLAN PROPOSED MONITORING WELL LOCATION

job no: 10100
drawing no:

FIG-5.1



LEGEND:

● SSV-9 PROPOSED SUB-SLAB VAPOR POINT NUMBER & APPROX. LOCATION

REFERENCE
EXIST CONDITIONS & BOUNDARY ARE TAKEN FROM "WORKSHEET" PREPARED BY CONTRACTORS' LINE & GRADE SOUTH, LLC. DATED MARCH 19, 2019.

NOTE:
THIS PLAN IS FOR LOCATING SAMPLES ONLY. OTHER SITE WORK SHOWN HERE IS NOT INTENDED FOR CONSTRUCTION.

SCALE: 1"=30'
0 30 60

dwg by: yy
chk by: SG
scale: 1" = 30'
date: 12/06/19

SESI CONSULTING ENGINEERS D.P.C.
SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL
12A MAPLE AVE. PINE BROOK, N.J. 07058 PH: 973-808-9050

project: 14 LECOUNT STANDARD PRINTING (BCP C360176) NEW ROCHELLE, N.Y.

drawing title: SITE MANAGEMENT PLAN PROPOSED SUB-SLAB VAPOR LOCATION

job no: 10100
drawing no:

FIG-5.2

N:\ACAD\10100\CAD\FER\10100 FIG 5.2 PROPOSED SUB SLAB VAPOR LOCATION.DWG 12/06/19 10:34:12AM, jenny, LAYOUT:FIG-5.2

Appendix B:
Well Sampling Logs

LOW-FLOW GROUNDWATER SAMPLING LOG

Location:	New Rochelle, NY			Job Number:	11744	WELL I.D. : GW-2			
Personnel:	Briana Stahl			Date:	6/24/2022	SESI CONSULTING ENGINEERS			
				PID:	0				
Stickup? N Distance ground to Stickup Rim/PVC	Distance From Rim to PVC	Total Depth of Well Rim/PVC	Depth to Product Rim/PVC	Depth to Water (Rim/PVC)	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	Well Diameter (inches)	Pump Peristaltic or Bladder
		15.95	NE	0	15.95	7.975	8	1	Peristaltic
Turbidity at collection (NTU):		37	(Less than 5 NTU is desirable)		Duplicate Collected? N			Filtered Sample	N
Stabilization Parameters		+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or within 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<.3 feet drawdown desirable	No Limit

Volume Purged (gallons)	Time (actual Time) 5 minute Intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millivolts	Turbidity NTUs	DTW (feet)	Odors Y/N
	1010	18.29	8.91	730	2.99	50	343	0	N
	1015	18.09	9.56	942	10.42	-34	459	0	Y
	1020	18.04	9.7	1120	10.25	-55	358	0	Y
	1025	18	9.9	1340	10.2	-64	218	0	Y
	1030	18.08	10.12	1470	10.16	-60	117	0	Y
	1035	18.09	10.2	1540	10.7	-59	89.9	0	Y
	1040	18.12	10.82	1630	11.58	-82	68.7	0	Y
	1045	18.15	10.5	1700	10.28	-58	56.4	0	Y
	1050	18.17	10.8	1790	10.15	-62	35.5	0	Y
	1055	18.17	11.09	1840	10.11	-78	52.3	0	Y
	1100	18.14	10.63	1870	10.1	-50	64	0	Y
	1105	18.19	11.05	1960	10.07	-67	16	0	Y
	1110	18.22	10.79	1970	10.06	-47	14	0	Y
	1115	18.12	10.95	2020	10.08	-47	14.1	0	Y
	1120	18.12	10.83	2060	10.03	-46	14.4	0	Y
	1125	18.13	11	2050	9.99	-60	16.4	0	Y
	1130	18.23	11.29	2080	9.98	-69	46.4	0	Y
2.75	1135	18.22	11.25	2070	9.97	-68	37	0	Y

Well Condition Summary

Cover: Y	Bolts: N		Concrete Pad OK: Y	Gripper: N	

Sample Collection Information

Sample Time:	1135	Appearance: Mostly Clear	Filtered Sample Turbidity:	OTHER: Waste odor

Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.

Notes/ Calculations:

Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.

ABSORBENT SOCK

Sock Length (ft) =		Capacity (Qt.) =		Present:	Y / N	Product Measured (Inches) :	
Sock Installation Date:			Sock Changed :		Y / N		
Sock Depth (Depth to sock mid point):							

LOW-FLOW GROUNDWATER SAMPLING LOG

Location:	**New Rochelle, NY**			**Job Number:**	**11744**	**WELL I.D. : MW-1**			
Personnel:	**Briana Stahl**			**Date:**	**6/23/2022**	SESI CONSULTING ENGINEERS			
				PID:	**10.5**				
Stickup? N / **Distance ground to Stickup Rim/PVC**	**Distance From Rim to PVC**	**Total Depth of Well Rim/PVC**	**Depth to Product Rim/PVC**	**Depth to Water (Rim/PVC)**	**Standing Water Column (feet)**	**Middle of Saturated Zone (feet)**	**Depth to Sample Tube (feet)**	**Well Diameter (inches)**	**Pump Peristaltic or Bladder**
		26.5	**NE**	**13.65**	**12.85**	**20.075**	**20**	**1**	**Peristaltic**
Turbidity at collection (NTU):		**0**	**(Less than 5 NTU is desirable)**		**Duplicate Collected? N**			**Filtered Sample**	**N**
Stabilization Parameters		**+/- 0.5 deg C.**	**+/- 0.1 Unit**	**+/- 10 umhos/cm or within 3% if >300umho**	**1 ppm**	**+/- 10 mV**	**No Limit**	**<.3 feet drawdown desirable**	**No Limit**
Volume Purged (gallons)	**Time (actual Time) 5 minute Intervals**	**TEMP. (Deg. C)**	**pH**	**Specific Conductivity uS/cm**	**Dissolved Oxygen (mg/L)**	**ORP mV millivolts**	**Turbidity NTUs**	**DTW (feet)**	**Odors Y/N**
	1410	**19.18**	**7.21**	**2350**	**7.79**	**-68**	**16**	**13.88**	**N**
	1415	**17.75**	**6.9**	**2430**	**0.51**	**-59**	**0.1**	**13.8**	**N**
	1420	**17.65**	**6.88**	**2440**	**0.14**	**-60**	0	**13.75**	**N**
	1425	**17.51**	**6.87**	**2440**	**0**	**-61**	**0**	**13.8**	**N**
	1430	**17.49**	**6.87**	2430	**0**	**-62**	**0**	**13.7**	**N**
Well Condition Summary									
Cover: Y		**Bolts: Y**		**Concrete Pad OK: Y**		**Gripper: N**			
Sample Collection Information									
Sample Time:	**1430**	**Appearance: Clear**		**Filtered Sample Turbidity:**			**OTHER: Kink in well**		

Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.

Notes/ Calculations:

Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.

ABSORBENT SOCK							
Sock Length (ft) =		**Capacity (Qt.) =**		**Present:**	**Y / N**	**Product Measured (Inches) :**	
Sock Installation Date:			**Sock Changed :**		**Y / N**		
Sock Depth (Depth to sock mid point):							

LOW-FLOW GROUNDWATER SAMPLING LOG

Location:	New Rochelle, NY			Job Number:	11744	WELL I.D. : MW-5			
Personnel:	Briana Stahl			Date:	6/24/2022	SESI CONSULTING ENGINEERS			
				PID:	0.6				
Stickup? N Distance ground to Stickup Rim/PVC	Distance From Rim to PVC	Total Depth of Well Rim/PVC	Depth to Product Rim/PVC	Depth to Water (Rim/PVC)	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	Well Diameter (inches)	Pump Peristaltic or Bladder
		14.75	NE	1.1	13.65	7.925	8	1	Peristaltic
Turbidity at collection (NTU):		15.3	(Less than 5 NTU is desirable)		Duplicate Collected? N			Filtered Sample	N
Stabilization Parameters		+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or within 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<.3 feet drawdown desirable	No Limit
Volume Purged (gallons)	Time (actual Time) 5 minute Intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millivolts	Turbidity NTUs	DTW (feet)	Odors Y/N
	850	17.61	7.14	2770	2.94	149	39.8	1.1	N
	855	17.02	6.64	2830	0.99	166	29	1.18	N
	900	16.92	6.63	2830	0.74	157	25.3	1.2	N
	905	16.85	6.62	2830	0.42	154	25.2	1.16	N
	910	16.81	6.62	2830	0.05	154	24	1.19	N
	915	16.8	6.61	2850	4	155	16.7	1.16	N
	920	16.75	6.61	2850	3.77	157	15.3	1.15	N
2.5	925	16.73	6.61	2850	3.63	159	15.3	1.14	N
Well Condition Summary									
Cover: Y		Bolts: Y		Concrete Pad OK: Y		Gripper: y			
Sample Collection Information									
Sample Time:	925	Appearance: Clear		Filtered Sample Turbidity:			OTHER:		

Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.

Notes/ Calculations:

Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.

ABSORBENT SOCK							
Sock Length (ft) =		Capacity (Qt.) =		Present:	Y / N	Product Measured (Inches) :	
Sock Installation Date:			Sock Changed :		Y / N		
Sock Depth (Depth to sock mid point):							

LOW-FLOW GROUNDWATER SAMPLING LOG

Location:	**New Rochelle, NY**			**Job Number:**	**11744**	**WELL I.D. : MW-7**			
Personnel:	**Briana Stahl**			**Date:**	**6/23/2022**	SESI CONSULTING ENGINEERS			
				PID:	**9**				
Stickup? N / **Distance ground to Stickup Rim/PVC**	**Distance From Rim to PVC**	**Total Depth of Well Rim/PVC**	**Depth to Product Rim/PVC**	**Depth to Water (Rim/PVC)**	**Standing Water Column (feet)**	**Middle of Saturated Zone (feet)**	**Depth to Sample Tube (feet)**	**Well Diameter (inches)**	**Pump Peristaltic or Bladder**
		21.41	**NE**	**14.22**	**7.19**	**17.815**	**17.5**	**1**	**Peristaltic**
Turbidity at collection (NTU):		**78.5**	**(Less than 5 NTU is desirable)**		**Duplicate Collected? N**			**Filtered Sample**	**N**
Stabilization Parameters		**+/- 0.5 deg C.**	**+/- 0.1 Unit**	**+/- 10 umhos/cm or within 3% if >300umho**	**1 ppm**	**+/- 10 mV**	**No Limit**	**<.3 feet drawdown desirable**	**No Limit**

Volume Purged (gallons)	**Time (actual Time) 5 minute Intervals**	**TEMP. (Deg. C)**	**pH**	**Specific Conductivity uS/cm**	**Dissolved Oxygen (mg/L)**	**ORP mV millivolts**	**Turbidity NTUs**	**DTW (feet)**	**Odors Y/N**
	1240	**20.43**	**7.22**	**2560**		**-103**	**134**	**14.23**	**N**
	1245	**19.04**	**7.13**	**6610**	**1.95**	**-108**	**103**	**14.25**	**Y**
	1250	**19.26**	**7.13**	**2610**	**0.23**	**-111**	114	**14.26**	**N**
	1255	**19.6**	**7.14**	**2600**	**0.48**	**-111**	**113**	**14.23**	**N**
	1300	**18.93**	**7.14**	2590	**0**	**-109**	**104**	**14.23**	**N**
	1305	**18.53**	**7.14**	**2660**	**0**	**-109**	**101**	**14.22**	**N**
	1310	**18.53**	**7.15**	**2630**	**0**	**-109**	**42.5**	**14.23**	**N**
1	**1315**	**18.6**	**7.15**	**2650**	**0**	**-109**	**78.5**	**14.23**	**N**

Well Condition Summary

Cover: Y	**Bolts: Y**		**Concrete Pad OK: Y**	**Gripper: Y (broken)**	

Sample Collection Information

Sample Time:	**1315**	**Appearance: Clear with Rainbow Sheen**	**Filtered Sample Turbidity:**	**OTHER:**

Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.

Notes/ Calculations:

Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.

ABSORBENT SOCK

Sock Length (ft) =		**Capacity (Qt.) =**		**Present:**	**Y / N**	**Product Measured (Inches) :**	
Sock Installation Date:			**Sock Changed :**		**Y / N**		
Sock Depth (Depth to sock mid point):							

LOW-FLOW GROUNDWATER SAMPLING LOG

Location:	**New Rochelle, NY**			**Job Number:**	**11744**	**WELL I.D. : MW-9**			
Personnel:	**Briana Stahl**			**Date:**	**6/24/2022**	SESI CONSULTING ENGINEERS			
				PID:	**24**				
Stickup? N / **Distance ground to Stickup Rim/PVC**	**Distance From Rim to PVC**	**Total Depth of Well Rim/PVC**	**Depth to Product Rim/PVC**	**Depth to Water (Rim/PVC)**	**Standing Water Column (feet)**	**Middle of Saturated Zone (feet)**	**Depth to Sample Tube (feet)**	**Well Diameter (inches)**	**Pump Peristaltic or Bladder**
		12.73	**NE**	**0.64**	**12.09**	**6.685**	**6**	**1**	**Peristaltic**
Turbidity at collection (NTU):		**14.1**	**(Less than 5 NTU is desirable)**		**Duplicate Collected? N**			**Filtered Sample**	**N**
Stabilization Parameters		**+/- 0.5 deg C.**	**+/- 0.1 Unit**	**+/- 10 umhos/cm or within 3% if >300umho**	**1 ppm**	**+/- 10 mV**	**No Limit**	**<.3 feet drawdown desirable**	**No Limit**
Volume Purged (gallons)	**Time (actual Time) 5 minute Intervals**	**TEMP. (Deg. C)**	**pH**	**Specific Conductivity uS/cm**	**Dissolved Oxygen (mg/L)**	**ORP mV millivolts**	**Turbidity NTUs**	**DTW (feet)**	**Odors Y/N**
	1220	**19.26**	**9.21**	**2000**	**4.3**	**-133**	**144**	**0.62**	**Y**
	1225	**18.72**	**7.85**	**1770**	**0.38**	**-158**	**34.2**	**2.51**	**Y**
	1230	**18.71**	**7.61**	**18600**	**0.4**	**-157**	**15.1**	**2.45**	**Y**
	1235	**18.54**	**7.54**	**2100**	**0.15**	**-160**	**13.5**	**2.31**	**Y**
	1240	**18.65**	**7.47**	**2040**	**0.83**	**-159**	**14.6**	**2.05**	**Y**
	1245	**18.64**	**7.43**	**2080**	**1.16**	**-159**	**14.2**	**1.89**	**Y**
	1250	**18.62**	**7.39**	**2120**	**0.89**	**-159**	**14.2**	1.89	**Y**
	1255	**18.62**	**7.37**	**2170**	**0.29**	**-157**	**13.8**	**1.85**	**Y**
	1300	**18.62**	**7.36**	**2200**	**0.92**	**-158**	**13.8**	**1.88**	**Y**
	1305	**18.61**	**7.35**	**2210**	**0.99**	**-158**	**14.1**	**1.91**	**Y**
Well Condition Summary									
Cover: N		**Bolts: N**		**Concrete Pad OK: Y**		**Gripper: Y**			
Sample Collection Information									
Sample Time:	**1305**	**Appearance: Clear**		**Filtered Sample Turbidity:**			**OTHER: Waste Odor**		

Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.

Notes/ Calculations:

Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.

ABSORBENT SOCK							
Sock Length (ft) =		**Capacity (Qt.) =**		**Present:**	**Y / N**	**Product Measured (Inches) :**	
Sock Installation Date:			**Sock Changed :**		**Y / N**		
Sock Depth (Depth to sock mid point):							

LOW-FLOW GROUNDWATER SAMPLING LOG

Location:	New Rochelle, NY			Job Number:	11744	WELL I.D. : MW-201			
Personnel:	Briana Stahl			Date:	6/23/2022	SESI CONSULTING ENGINEERS			
				PID:	24.6				
Stickup? N Distance ground to Stickup Rim/PVC	Distance From Rim to PVC	Total Depth of Well Rim/PVC	Depth to Product Rim/PVC	Depth to Water (Rim/PVC)	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	Well Diameter (inches)	Pump Peristaltic or Bladder
		24.44	NE	11.95	12.49	18.195	18.5	1	Peristaltic
Turbidity at collection (NTU):		7	(Less than 5 NTU is desirable)		Duplicate Collected? N			Filtered Sample	N
Stabilization Parameters		+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or within 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<.3 feet drawdown desirable	No Limit
Volume Purged (gallons)	Time (actual Time) 5 minute Intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millivolts	Turbidity NTUs	DTW (feet)	Odors Y/N
	1145	20.68	6.89	6140	5.08	74	49.6	12.1	N
	1150	19.7	8.11	6030	8.07	-1	15.2	12.51	N
	1155	19.82	6.74	5850	7	-4	8.4	12.24	N
	1200	19.85	6.76	5680	6.6	3	4.1	12.3	Y
1	1205	19.91	6.76	5600	6.17	-1	3.4	12.3	Y
Well Condition Summary									
Cover: Y		Bolts: Y		Concrete Pad OK: Y		Gripper: Y			
Sample Collection Information									
Sample Time:	1205	Appearance: Clear with Rainbow Sheen		Filtered Sample Turbidity:		OTHER:			

Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.

Notes/ Calculations:

Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.

ABSORBENT SOCK							
Sock Length (ft) =		Capacity (Qt.) =		Present:	Y / N	Product Measured (Inches) :	
Sock Installation Date:			Sock Changed :		Y / N		
Sock Depth (Depth to sock mid point):							

LOW-FLOW GROUNDWATER SAMPLING LOG

Location:	New Rochelle, NY			Job Number:	11744	WELL I.D. : MW-202			
Personnel:	Briana Stahl			Date:	6/23/2022	SESI CONSULTING ENGINEERS			
				PID:	24.6				
Stickup? N Distance ground to Stickup Rim/PVC	Distance From Rim to PVC	Total Depth of Well Rim/PVC	Depth to Product Rim/PVC	Depth to Water (Rim/PVC)	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	Well Diameter (inches)	Pump Peristaltic or Bladder
		22	NE	10.84	11.16	16.42	17.5	1	Peristaltic
Turbidity at collection (NTU):		7	(Less than 5 NTU is desirable)		Duplicate Collected? N			Filtered Sample	N
Stabilization Parameters		+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or within 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<.3 feet drawdown desirable	No Limit

Volume Purged (gallons)	Time (actual Time) 5 minute Intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millivolts	Turbidity NTUs	DTW (feet)	Odors Y/N
	1040	18.59	7.11	2940	6.66	106	49	10.88	Y
	1045	18.14	7.02	2940	0.75	38	18.3	11.35	N
	1050	18.63	7.02	2740	0.22	9	14.1	10.48	N
	1055	18.29	7.03	2810	0.15	6	15.1	11.24	N
	1100	18.12	7.02	2860	0	2	14.3	11.21	N
	1105	18.02	7.02	2870	0	2	13.3	11.24	N
	1110	18.07	7.02	2840	0	-4	11.8	11.07	N
2.5	1115	18.26	7.02	2850	0	-2	7	11.23	N

Well Condition Summary

Cover: Y	Bolts: Y		Concrete Pad OK: Y	Gripper: Y	

Sample Collection Information

Sample Time:	1115	Appearance: Clear	Filtered Sample Turbidity:	OTHER:

Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.

Notes/ Calculations:

Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.

ABSORBENT SOCK

Sock Length (ft) =		Capacity (Qt.) =		Present:	Y / N	Product Measured (Inches) :	
Sock Installation Date:			Sock Changed :		Y / N		
Sock Depth (Depth to sock mid point):							

LOW-FLOW GROUNDWATER SAMPLING LOG

Location:	New Rochelle, NY			Job Number:	11744	WELL I.D. : MW-203			
Personnel:	Briana Stahl			Date:	6/23/2022	SESI CONSULTING ENGINEERS			
				PID:	8.1				
Stickup? N Distance ground to Stickup Rim/PVC	Distance From Rim to PVC	Total Depth of Well Rim/PVC	Depth to Product Rim/PVC	Depth to Water (Rim/PVC)	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	Well Diameter (inches)	Pump Peristaltic or Bladder
		32.07	NE	11.02	21.05	21.545	25	1	Peristaltic
Turbidity at collection (NTU):		12.6	(Less than 5 NTU is desirable)		Duplicate Collected? Y			Filtered Sample	N
Stabilization Parameters		+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or within 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<.3 feet drawdown desirable	No Limit
Volume Purged (gallons)	Time (actual Time) 5 minute Intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millivolts	Turbidity NTUs	DTW (feet)	Odors Y/N
	920	18.5	7.55	2410	1.52	-8	22.4	11.6	N
	925	18.08	7	2440	1.56	-9	18.4	11.66	N
	930	17.95	6.98	2430	0.34	-12	17.6	11.97	N
	935	17.94	6.97	2410	0.02	-20	15.7	12.05	N
	940	17.91	6.96	2400	0.01	-23	15.2	12.09	N
	945	18.01	6.95	2420	0.04	-22	14	12.94	N
	950	18.07	6.94	2450	0	-17	13.3	11.97	N
2.5	955	18.07	6.93	2470	0	-14	12.6	11.95	N
Well Condition Summary									
Cover: Y		Bolts: Y		Concrete Pad OK: Y		Gripper: Y			
Sample Collection Information									
Sample Time:	955	Appearance: Clear		Filtered Sample Turbidity:			OTHER:		

Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.

Notes/ Calculations:

Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.

ABSORBENT SOCK							
Sock Length (ft) =		Capacity (Qt.) =		Present:	Y / N	Product Measured (Inches) :	
Sock Installation Date:			Sock Changed :		Y / N		
Sock Depth (Depth to sock mid point):							

Appendix C:
Laboratory Analytical Data

ANALYTICAL REPORT

Lab Number:	L2233608
Client:	Soils Engineering Services, Inc. 12A Maple Avenue Pine Brook, NJ 07058
ATTN:	Steven Gustems
Phone:	(973) 808-9050
Project Name:	Not Specified
Project Number:	11744
Report Date:	07/15/22

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

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

Project Name: Not Specified
Project Number: 11744

Lab Number: L2233608
Report Date: 07/15/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2233608-01	MW-1	WATER	14 LECOUNT PL. NEW ROCHELLE, NY	06/23/22 14:30	06/23/22
L2233608-02	MW-7	WATER	14 LECOUNT PL. NEW ROCHELLE, NY	06/23/22 13:15	06/23/22
L2233608-03	MW-201	WATER	14 LECOUNT PL. NEW ROCHELLE, NY	06/23/22 12:05	06/23/22
L2233608-04	MW-202	WATER	14 LECOUNT PL. NEW ROCHELLE, NY	06/23/22 11:15	06/23/22
L2233608-05	MW-203	WATER	14 LECOUNT PL. NEW ROCHELLE, NY	06/23/22 09:55	06/23/22
L2233608-06	DUP-1	WATER	14 LECOUNT PL. NEW ROCHELLE, NY	06/23/22 00:00	06/23/22
L2233608-07	FIELD BLANK	WATER	14 LECOUNT PL. NEW ROCHELLE, NY	06/23/22 10:15	06/23/22
L2233608-08	TRIP BLANK	WATER	14 LECOUNT PL. NEW ROCHELLE, NY	06/23/22 00:00	06/23/22

Project Name:	Not Specified	**Lab Number:**	L2233608
Project Number:	11744	**Report Date:**	07/15/22

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, solids and tissues are reported on a dry 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: Not Specified
Project Number: 11744
Lab Number: L2233608
Report Date: 07/15/22

Case Narrative (continued)

Report Submission

July 15, 2022: This final report includes the results of all requested analyses.

July 08, 2022: This is a preliminary report.

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

Perfluorinated Alkyl Acids by Isotope Dilution

L2233608-01 through -06: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

WG1657044-3 and WG1657044-4: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

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: Cristin Walker

Title: Technical Director/Representative Date: 07/15/22

ORGANICS

VOLATILES

Project Name: Not Specified
Project Number: 11744
Lab Number: L2233608
Report Date: 07/15/22

SAMPLE RESULTS

Lab ID: L2233608-01
Client ID: MW-1
Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY
Date Collected: 06/23/22 14:30
Date Received: 06/23/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/05/22 23:31
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	1.2		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: Not Specified **Lab Number:** L2233608

Project Number: 11744 **Report Date:** 07/15/22

SAMPLE RESULTS

Lab ID: L2233608-01 Date Collected: 06/23/22 14:30

Client ID: MW-1 Date Received: 06/23/22

Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	0.39	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	7.8		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	7.8		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: Not Specified **Lab Number:** L2233608

Project Number: 11744 **Report Date:** 07/15/22

SAMPLE RESULTS

Lab ID: L2233608-01 Date Collected: 06/23/22 14:30

Client ID: MW-1 Date Received: 06/23/22

Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
Total TIC Compounds	2.22	J	ug/l			1
Unknown Aromatic	1.03	J	ug/l			1
Unknown	1.19	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	109		70-130

Project Name: Not Specified
Project Number: 11744
Lab Number: L2233608
Report Date: 07/15/22

SAMPLE RESULTS

Lab ID: L2233608-02
Client ID: MW-7
Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY
Date Collected: 06/23/22 13:15
Date Received: 06/23/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/05/22 23:54
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	4.5		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: Not Specified **Lab Number:** L2233608

Project Number: 11744 **Report Date:** 07/15/22

SAMPLE RESULTS

Lab ID: L2233608-02 Date Collected: 06/23/22 13:15

Client ID: MW-7 Date Received: 06/23/22

Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	0.62		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	5.6		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	5.6		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: Not Specified
Project Number: 11744
Lab Number: L2233608
Report Date: 07/15/22

SAMPLE RESULTS

Lab ID: L2233608-02
Client ID: MW-7
Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY
Date Collected: 06/23/22 13:15
Date Received: 06/23/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	107		70-130

Project Name: Not Specified
Project Number: 11744
Lab Number: L2233608
Report Date: 07/15/22

SAMPLE RESULTS

Lab ID: L2233608-03
Client ID: MW-201
Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY
Date Collected: 06/23/22 12:05
Date Received: 06/23/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/06/22 02:12
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: Not Specified **Lab Number:** L2233608

Project Number: 11744 **Report Date:** 07/15/22

SAMPLE RESULTS

Lab ID: L2233608-03 Date Collected: 06/23/22 12:05

Client ID: MW-201 Date Received: 06/23/22

Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	0.93	J	ug/l	2.5	0.70	1
sec-Butylbenzene	1.6	J	ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	1.1	J	ug/l	2.5	0.70	1
p-Isopropyltoluene	0.72	J	ug/l	2.5	0.70	1
Naphthalene	15		ug/l	2.5	0.70	1

Project Name: Not Specified **Lab Number:** L2233608

Project Number: 11744 **Report Date:** 07/15/22

SAMPLE RESULTS

Lab ID: L2233608-03 Date Collected: 06/23/22 12:05

Client ID: MW-201 Date Received: 06/23/22

Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	1.4	J	ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	1.1	J	ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	1.5	J	ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	11		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Tentatively Identified Compounds				
Total TIC Compounds	184	J	ug/l	1
Unknown Aromatic	12.3	J	ug/l	1
Unknown Benzene	9.94	J	ug/l	1
Unknown Aromatic	13.6	J	ug/l	1
Unknown Aromatic	8.73	J	ug/l	1
Unknown Aromatic	13.0	J	ug/l	1
Unknown	8.21	J	ug/l	1
Unknown Naphthalene	8.94	J	ug/l	1
Unknown Benzene	5.73	J	ug/l	1
Unknown Benzene	5.53	J	ug/l	1
Unknown Aromatic	16.2	J	ug/l	1
Unknown Aromatic	16.7	J	ug/l	1
Unknown Naphthalene	7.31	J	ug/l	1
Unknown Naphthalene	7.98	J	ug/l	1
Unknown Aromatic	16.5	J	ug/l	1
Unknown Aromatic	33.6	J	ug/l	1

Project Name: Not Specified **Lab Number:** L2233608

Project Number: 11744 **Report Date:** 07/15/22

SAMPLE RESULTS

Lab ID: L2233608-03 Date Collected: 06/23/22 12:05

Client ID: MW-201 Date Received: 06/23/22

Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	112		70-130

Project Name: Not Specified **Lab Number:** L2233608

Project Number: 11744 **Report Date:** 07/15/22

SAMPLE RESULTS

Lab ID: L2233608-04 Date Collected: 06/23/22 11:15
Client ID: MW-202 Date Received: 06/23/22
Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/06/22 00:17
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: Not Specified **Lab Number:** L2233608

Project Number: 11744 **Report Date:** 07/15/22

SAMPLE RESULTS

Lab ID: L2233608-04 Date Collected: 06/23/22 11:15

Client ID: MW-202 Date Received: 06/23/22

Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: Not Specified
Project Number: 11744
Lab Number: L2233608
Report Date: 07/15/22

SAMPLE RESULTS

Lab ID: L2233608-04
Client ID: MW-202
Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY
Date Collected: 06/23/22 11:15
Date Received: 06/23/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	107		70-130

Project Name: Not Specified
Project Number: 11744
Lab Number: L2233608
Report Date: 07/15/22

SAMPLE RESULTS

Lab ID: L2233608-05
Client ID: MW-203
Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY
Date Collected: 06/23/22 09:55
Date Received: 06/23/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/06/22 00:40
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.75		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: Not Specified **Lab Number:** L2233608

Project Number: 11744 **Report Date:** 07/15/22

SAMPLE RESULTS

Lab ID: L2233608-05 Date Collected: 06/23/22 09:55

Client ID: MW-203 Date Received: 06/23/22

Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	1.1	J	ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: Not Specified **Lab Number:** L2233608

Project Number: 11744 **Report Date:** 07/15/22

SAMPLE RESULTS

Lab ID: L2233608-05 Date Collected: 06/23/22 09:55

Client ID: MW-203 Date Received: 06/23/22

Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
Total TIC Compounds	39.5	J	ug/l			1
Unknown Aromatic	1.61	J	ug/l			1
Unknown	1.31	J	ug/l			1
Unknown	1.97	J	ug/l			1
Unknown Naphthalene	1.42	J	ug/l			1
Unknown Aromatic	2.70	J	ug/l			1
Unknown Aromatic	5.42	J	ug/l			1
Unknown Aromatic	4.85	J	ug/l			1
Unknown	3.24	J	ug/l			1
Unknown	1.99	J	ug/l			1
Unknown	2.32	J	ug/l			1
Unknown Aromatic	1.77	J	ug/l			1
Unknown Aromatic	1.76	J	ug/l			1
Unknown Benzene	1.61	J	ug/l			1
Unknown Aromatic	6.01	J	ug/l			1
Benzene, 1-ethenyl-4-ethyl-	1.48	NJ	ug/l			1

Project Name: Not Specified **Lab Number:** L2233608

Project Number: 11744 **Report Date:** 07/15/22

SAMPLE RESULTS

Lab ID: L2233608-05 Date Collected: 06/23/22 09:55

Client ID: MW-203 Date Received: 06/23/22

Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	109		70-130

Project Name: Not Specified
Project Number: 11744
Lab Number: L2233608
Report Date: 07/15/22

SAMPLE RESULTS

Lab ID: L2233608-06
Client ID: DUP-1
Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY
Date Collected: 06/23/22 00:00
Date Received: 06/23/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/06/22 01:49
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.66		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: Not Specified **Lab Number:** L2233608

Project Number: 11744 **Report Date:** 07/15/22

SAMPLE RESULTS

Lab ID: L2233608-06 Date Collected: 06/23/22 00:00

Client ID: DUP-1 Date Received: 06/23/22

Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	1.1	J	ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: Not Specified **Lab Number:** L2233608

Project Number: 11744 **Report Date:** 07/15/22

SAMPLE RESULTS

Lab ID: L2233608-06 Date Collected: 06/23/22 00:00

Client ID: DUP-1 Date Received: 06/23/22

Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
Total TIC Compounds	36.1	J	ug/l			1
Unknown Aromatic	1.35	J	ug/l			1
Unknown Aromatic	1.50	J	ug/l			1
Unknown Naphthalene	1.21	J	ug/l			1
Unknown Aromatic	2.60	J	ug/l			1
Unknown Aromatic	5.58	J	ug/l			1
Unknown Aromatic	5.74	J	ug/l			1
Unknown Benzene	1.63	J	ug/l			1
Unknown	2.91	J	ug/l			1
Unknown Aromatic	1.37	J	ug/l			1
Unknown Aromatic	2.05	J	ug/l			1
Unknown Aromatic	4.28	J	ug/l			1
Unknown	1.74	J	ug/l			1
Unknown Benzene	1.71	J	ug/l			1
Unknown Aromatic	1.02	J	ug/l			1
Unknown Aromatic	1.44	J	ug/l			1

Project Name: Not Specified **Lab Number:** L2233608

Project Number: 11744 **Report Date:** 07/15/22

SAMPLE RESULTS

Lab ID: L2233608-06 Date Collected: 06/23/22 00:00

Client ID: DUP-1 Date Received: 06/23/22

Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	108		70-130

Project Name: Not Specified
Project Number: 11744
Lab Number: L2233608
Report Date: 07/15/22

SAMPLE RESULTS

Lab ID: L2233608-07
Client ID: FIELD BLANK
Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY
Date Collected: 06/23/22 10:15
Date Received: 06/23/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/06/22 01:03
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: Not Specified **Lab Number:** L2233608

Project Number: 11744 **Report Date:** 07/15/22

SAMPLE RESULTS

Lab ID: L2233608-07 Date Collected: 06/23/22 10:15

Client ID: FIELD BLANK Date Received: 06/23/22

Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: Not Specified
Project Number: 11744
Lab Number: L2233608
Report Date: 07/15/22

SAMPLE RESULTS

Lab ID: L2233608-07
Client ID: FIELD BLANK
Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY
Date Collected: 06/23/22 10:15
Date Received: 06/23/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	111		70-130

Project Name: Not Specified
Project Number: 11744
Lab Number: L2233608
Report Date: 07/15/22

SAMPLE RESULTS

Lab ID: L2233608-08
Client ID: TRIP BLANK
Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY
Date Collected: 06/23/22 00:00
Date Received: 06/23/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/06/22 01:26
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: Not Specified **Lab Number:** L2233608

Project Number: 11744 **Report Date:** 07/15/22

SAMPLE RESULTS

Lab ID: L2233608-08 Date Collected: 06/23/22 00:00

Client ID: TRIP BLANK Date Received: 06/23/22

Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: Not Specified
Project Number: 11744
Lab Number: L2233608
Report Date: 07/15/22

SAMPLE RESULTS

Lab ID: L2233608-08
Client ID: TRIP BLANK
Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY
Date Collected: 06/23/22 00:00
Date Received: 06/23/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	109		70-130

Project Name: Not Specified
Project Number: 11744
Lab Number: L2233608
Report Date: 07/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/05/22 21:36
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1659293-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: Not Specified
Project Number: 11744
Lab Number: L2233608
Report Date: 07/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/05/22 21:36
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1659293-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: Not Specified
Project Number: 11744

Lab Number: L2233608
Report Date: 07/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/05/22 21:36
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1659293-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: Not Specified
Project Number: 11744
Lab Number: L2233608
Report Date: 07/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/05/22 21:36
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1659293-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	105		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 11744

Lab Number: L2233608

Report Date: 07/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1659293-3 WG1659293-4								
Methylene chloride	110		110		70-130	0		20
1,1-Dichloroethane	100		110		70-130	10		20
Chloroform	100		110		70-130	10		20
Carbon tetrachloride	120		120		63-132	0		20
1,2-Dichloropropane	94		100		70-130	6		20
Dibromochloromethane	98		97		63-130	1		20
1,1,2-Trichloroethane	97		100		70-130	3		20
Tetrachloroethene	100		110		70-130	10		20
Chlorobenzene	110		110		75-130	0		20
Trichlorofluoromethane	71		72		62-150	1		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	120		120		67-130	0		20
Bromodichloromethane	110		110		67-130	0		20
trans-1,3-Dichloropropene	100		110		70-130	10		20
cis-1,3-Dichloropropene	100		100		70-130	0		20
1,1-Dichloropropene	110		120		70-130	9		20
Bromoform	88		91		54-136	3		20
1,1,2,2-Tetrachloroethane	97		110		67-130	13		20
Benzene	100		110		70-130	10		20
Toluene	110		110		70-130	0		20
Ethylbenzene	110		110		70-130	0		20
Chloromethane	91		99		64-130	8		20
Bromomethane	39		40		39-139	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 11744

Lab Number: L2233608

Report Date: 07/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1659293-3 WG1659293-4								
Vinyl chloride	87		89		55-140	2		20
Chloroethane	**54**	Q	59		55-138	9		20
1,1-Dichloroethene	120		120		61-145	0		20
trans-1,2-Dichloroethene	110		120		70-130	9		20
Trichloroethene	97		97		70-130	0		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		110		70-130	10		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	99		100		63-130	1		20
p/m-Xylene	105		110		70-130	5		20
o-Xylene	105		110		70-130	5		20
cis-1,2-Dichloroethene	100		110		70-130	10		20
Dibromomethane	94		96		70-130	2		20
1,2,3-Trichloropropane	96		100		64-130	4		20
Acrylonitrile	78		85		70-130	9		20
Styrene	100		105		70-130	5		20
Dichlorodifluoromethane	97		100		36-147	3		20
Acetone	95		100		58-148	5		20
Carbon disulfide	110		120		51-130	9		20
2-Butanone	73		77		63-138	5		20
Vinyl acetate	**140**	Q	**150**	Q	70-130	7		20
4-Methyl-2-pentanone	72		80		59-130	11		20
2-Hexanone	81		87		57-130	7		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 11744

Lab Number: L2233608

Report Date: 07/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1659293-3 WG1659293-4								
Bromochloromethane	100		110		70-130	10		20
2,2-Dichloropropane	**140**	Q	**150**	Q	63-133	7		20
1,2-Dibromoethane	100		100		70-130	0		20
1,3-Dichloropropane	100		110		70-130	10		20
1,1,1,2-Tetrachloroethane	110		100		64-130	10		20
Bromobenzene	100		110		70-130	10		20
n-Butylbenzene	110		120		53-136	9		20
sec-Butylbenzene	110		120		70-130	9		20
tert-Butylbenzene	110		110		70-130	0		20
o-Chlorotoluene	110		130		70-130	17		20
p-Chlorotoluene	110		120		70-130	9		20
1,2-Dibromo-3-chloropropane	80		75		41-144	6		20
Hexachlorobutadiene	110		110		63-130	0		20
Isopropylbenzene	110		120		70-130	9		20
p-Isopropyltoluene	110		120		70-130	9		20
Naphthalene	85		86		70-130	1		20
n-Propylbenzene	120		120		69-130	0		20
1,2,3-Trichlorobenzene	87		86		70-130	1		20
1,2,4-Trichlorobenzene	94		94		70-130	0		20
1,3,5-Trimethylbenzene	110		120		64-130	9		20
1,2,4-Trimethylbenzene	110		110		70-130	0		20
1,4-Dioxane	64		82		56-162	**25**	Q	20
p-Diethylbenzene	100		110		70-130	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 11744

Lab Number: L2233608

Report Date: 07/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1659293-3 WG1659293-4								
p-Ethyltoluene	110		120		70-130	9		20
1,2,4,5-Tetramethylbenzene	100		100		70-130	0		20
Ethyl ether	**58**	Q	60		59-134	3		20
trans-1,4-Dichloro-2-butene	98		100		70-130	2		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		102		70-130
Toluene-d8	107		106		70-130
4-Bromofluorobenzene	111		115		70-130
Dibromofluoromethane	100		100		70-130

SEMIVOLATILES

Project Name: Not Specified
Project Number: 11744
Lab Number: L2233608
Report Date: 07/15/22

SAMPLE RESULTS

Lab ID: L2233608-01
Client ID: MW-1
Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY

Date Collected: 06/23/22 14:30
Date Received: 06/23/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/30/22 20:35
Analyst: JW

Extraction Method: ALPHA 23528
Extraction Date: 06/29/22 17:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	14.1		ng/l	1.74	0.355	1
Perfluoropentanoic Acid (PFPeA)	33.8		ng/l	1.74	0.345	1
Perfluorobutanesulfonic Acid (PFBS)	13.0		ng/l	1.74	0.207	1
Perfluorohexanoic Acid (PFHxA)	22.6		ng/l	1.74	0.286	1
Perfluoroheptanoic Acid (PFHpA)	10.2		ng/l	1.74	0.196	1
Perfluorohexanesulfonic Acid (PFHxS)	4.98	F	ng/l	1.74	0.327	1
Perfluorooctanoic Acid (PFOA)	19.4		ng/l	1.74	0.206	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.74	1.16	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.74	0.599	1
Perfluorononanoic Acid (PFNA)	3.25		ng/l	1.74	0.272	1
Perfluorooctanesulfonic Acid (PFOS)	25.7		ng/l	1.74	0.439	1
Perfluorodecanoic Acid (PFDA)	1.06	J	ng/l	1.74	0.265	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.74	1.06	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.74	0.564	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.74	0.226	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.74	0.853	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.74	0.505	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.74	0.700	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.74	0.324	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.74	0.285	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.74	0.216	1
PFOA/PFOS, Total	45.1		ng/l	1.74	0.206	1

Project Name: Not Specified **Lab Number:** L2233608

Project Number: 11744 **Report Date:** 07/15/22

SAMPLE RESULTS

Lab ID: L2233608-01 Date Collected: 06/23/22 14:30

Client ID: MW-1 Date Received: 06/23/22

Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	95		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	97		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	92		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	75		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	83		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	93		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	94		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**206**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	92		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	95		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	90		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**168**	Q	10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	72		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	78		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	18		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	80		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	69		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	64		22-136

Project Name: Not Specified
Project Number: 11744
Lab Number: L2233608
Report Date: 07/15/22

SAMPLE RESULTS

Lab ID: L2233608-02
Client ID: MW-7
Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY

Date Collected: 06/23/22 13:15
Date Received: 06/23/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/30/22 21:08
Analyst: JW

Extraction Method: ALPHA 23528
Extraction Date: 06/29/22 17:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	29.4		ng/l	1.79	0.365	1
Perfluoropentanoic Acid (PFPeA)	53.1		ng/l	1.79	0.354	1
Perfluorobutanesulfonic Acid (PFBS)	19.1		ng/l	1.79	0.213	1
Perfluorohexanoic Acid (PFHxA)	58.1		ng/l	1.79	0.293	1
Perfluoroheptanoic Acid (PFHpA)	20.9		ng/l	1.79	0.202	1
Perfluorohexanesulfonic Acid (PFHxS)	8.96		ng/l	1.79	0.336	1
Perfluorooctanoic Acid (PFOA)	54.5		ng/l	1.79	0.211	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	7.68		ng/l	1.79	1.19	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.687	J	ng/l	1.79	0.616	1
Perfluorononanoic Acid (PFNA)	3.92		ng/l	1.79	0.279	1
Perfluorooctanesulfonic Acid (PFOS)	38.7		ng/l	1.79	0.451	1
Perfluorodecanoic Acid (PFDA)	2.01		ng/l	1.79	0.272	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.79	1.08	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.79	0.580	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.79	0.233	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.79	0.877	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.79	0.519	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.79	0.719	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.79	0.333	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.79	0.293	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.79	0.222	1
PFOA/PFOS, Total	93.2		ng/l	1.79	0.211	1

Project Name: Not Specified **Lab Number:** L2233608

Project Number: 11744 **Report Date:** 07/15/22

SAMPLE RESULTS

Lab ID: L2233608-02 Date Collected: 06/23/22 13:15

Client ID: MW-7 Date Received: 06/23/22

Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	89		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	81		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	87		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	65		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	80		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	93		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	86		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**258**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	96		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	92		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	91		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	125		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	114		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	75		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	20		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	58		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	83		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	133		22-136

Project Name: Not Specified
Project Number: 11744
Lab Number: L2233608
Report Date: 07/15/22

SAMPLE RESULTS

Lab ID: L2233608-03
Client ID: MW-201
Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY

Date Collected: 06/23/22 12:05
Date Received: 06/23/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/12/22 16:39
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 06/29/22 17:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	30.9		ng/l	1.79	0.365	1
Perfluoropentanoic Acid (PFPeA)	58.2		ng/l	1.79	0.354	1
Perfluorobutanesulfonic Acid (PFBS)	24.2		ng/l	1.79	0.213	1
Perfluorohexanoic Acid (PFHxA)	46.9		ng/l	1.79	0.293	1
Perfluoroheptanoic Acid (PFHpA)	14.8		ng/l	1.79	0.201	1
Perfluorohexanesulfonic Acid (PFHxS)	4.00		ng/l	1.79	0.336	1
Perfluorooctanoic Acid (PFOA)	17.8		ng/l	1.79	0.211	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	8.85		ng/l	1.79	1.19	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.79	0.616	1
Perfluorononanoic Acid (PFNA)	3.68		ng/l	1.79	0.279	1
Perfluorooctanesulfonic Acid (PFOS)	12.0		ng/l	1.79	0.451	1
Perfluorodecanoic Acid (PFDA)	0.637	J	ng/l	1.79	0.272	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.79	1.08	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.79	0.580	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.79	0.233	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.79	0.877	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.79	0.519	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.79	0.719	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.79	0.333	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.79	0.293	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.79	0.222	1
PFOA/PFOS, Total	29.8		ng/l	1.79	0.211	1

Project Name: Not Specified **Lab Number:** L2233608

Project Number: 11744 **Report Date:** 07/15/22

SAMPLE RESULTS

Lab ID: L2233608-03 Date Collected: 06/23/22 12:05

Client ID: MW-201 Date Received: 06/23/22

Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	87		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	80		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	104		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	77		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	80		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	112		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	85		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**183**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	84		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	101		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	81		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	155		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	54		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	78		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	18		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	52		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	67		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	80		22-136

Project Name: Not Specified
Project Number: 11744
Lab Number: L2233608
Report Date: 07/15/22

SAMPLE RESULTS

Lab ID: L2233608-04
Client ID: MW-202
Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY

Date Collected: 06/23/22 11:15
Date Received: 06/23/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/12/22 16:55
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 06/29/22 17:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	12.3		ng/l	1.72	0.352	1
Perfluoropentanoic Acid (PFPeA)	17.2		ng/l	1.72	0.341	1
Perfluorobutanesulfonic Acid (PFBS)	10.8		ng/l	1.72	0.205	1
Perfluorohexanoic Acid (PFHxA)	16.0		ng/l	1.72	0.283	1
Perfluoroheptanoic Acid (PFHpA)	12.9		ng/l	1.72	0.194	1
Perfluorohexanesulfonic Acid (PFHxS)	4.20		ng/l	1.72	0.324	1
Perfluorooctanoic Acid (PFOA)	27.8		ng/l	1.72	0.203	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.72	1.15	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.72	0.593	1
Perfluorononanoic Acid (PFNA)	2.54		ng/l	1.72	0.269	1
Perfluorooctanesulfonic Acid (PFOS)	25.3		ng/l	1.72	0.434	1
Perfluorodecanoic Acid (PFDA)	3.24		ng/l	1.72	0.262	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.72	1.04	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.72	0.558	1
Perfluoroundecanoic Acid (PFUnA)	0.524	JF	ng/l	1.72	0.224	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.72	0.844	1
Perfluorooctanesulfonamide (FOSA)	0.538	JF	ng/l	1.72	0.500	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	4.33		ng/l	1.72	0.693	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.72	0.320	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.72	0.282	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.72	0.214	1
PFOA/PFOS, Total	53.1		ng/l	1.72	0.203	1

Project Name: Not Specified **Lab Number:** L2233608

Project Number: 11744 **Report Date:** 07/15/22

SAMPLE RESULTS

Lab ID: L2233608-04 Date Collected: 06/23/22 11:15

Client ID: MW-202 Date Received: 06/23/22

Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	91		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	82		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	95		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	72		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	78		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	102		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	85		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**187**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	89		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	99		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	81		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	142		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	56		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	74		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	22		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	51		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	65		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	65		22-136

Project Name: Not Specified
Project Number: 11744
Lab Number: L2233608
Report Date: 07/15/22

SAMPLE RESULTS

Lab ID: L2233608-05
Client ID: MW-203
Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY

Date Collected: 06/23/22 09:55
Date Received: 06/23/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/12/22 17:12
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 06/29/22 17:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	22.6		ng/l	1.78	0.363	1
Perfluoropentanoic Acid (PFPeA)	28.4		ng/l	1.78	0.352	1
Perfluorobutanesulfonic Acid (PFBS)	5.92		ng/l	1.78	0.212	1
Perfluorohexanoic Acid (PFHxA)	34.3		ng/l	1.78	0.292	1
Perfluoroheptanoic Acid (PFHpA)	15.0		ng/l	1.78	0.200	1
Perfluorohexanesulfonic Acid (PFHxS)	4.94		ng/l	1.78	0.334	1
Perfluorooctanoic Acid (PFOA)	42.4		ng/l	1.78	0.210	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	10.7		ng/l	1.78	1.18	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.875	J	ng/l	1.78	0.612	1
Perfluorononanoic Acid (PFNA)	9.96		ng/l	1.78	0.277	1
Perfluorooctanesulfonic Acid (PFOS)	98.4		ng/l	1.78	0.448	1
Perfluorodecanoic Acid (PFDA)	11.6		ng/l	1.78	0.270	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.78	1.08	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.78	0.576	1
Perfluoroundecanoic Acid (PFUnA)	0.854	JF	ng/l	1.78	0.231	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.78	0.871	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.78	0.516	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	5.58	F	ng/l	1.78	0.715	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.78	0.331	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.78	0.291	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.78	0.220	1
PFOA/PFOS, Total	141		ng/l	1.78	0.210	1

Project Name: Not Specified **Lab Number:** L2233608

Project Number: 11744 **Report Date:** 07/15/22

SAMPLE RESULTS

Lab ID: L2233608-05 Date Collected: 06/23/22 09:55

Client ID: MW-203 Date Received: 06/23/22

Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	86		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	73		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	84		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	69		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	79		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	92		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	89		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**265**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	93		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	83		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	81		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**221**	Q	10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	83		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	74		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	32		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	47		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	60		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	56		22-136

Project Name: Not Specified
Project Number: 11744
Lab Number: L2233608
Report Date: 07/15/22

SAMPLE RESULTS

Lab ID: L2233608-06
Client ID: DUP-1
Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY

Date Collected: 06/23/22 00:00
Date Received: 06/23/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/12/22 17:28
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 06/29/22 17:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	19.4		ng/l	1.73	0.354	1
Perfluoropentanoic Acid (PFPeA)	29.3		ng/l	1.73	0.343	1
Perfluorobutanesulfonic Acid (PFBS)	4.60		ng/l	1.73	0.206	1
Perfluorohexanoic Acid (PFHxA)	33.7		ng/l	1.73	0.284	1
Perfluoroheptanoic Acid (PFHpA)	14.3		ng/l	1.73	0.195	1
Perfluorohexanesulfonic Acid (PFHxS)	4.80		ng/l	1.73	0.326	1
Perfluorooctanoic Acid (PFOA)	47.0		ng/l	1.73	0.204	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	8.50		ng/l	1.73	1.15	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.29	J	ng/l	1.73	0.596	1
Perfluorononanoic Acid (PFNA)	9.52		ng/l	1.73	0.270	1
Perfluorooctanesulfonic Acid (PFOS)	98.7		ng/l	1.73	0.437	1
Perfluorodecanoic Acid (PFDA)	11.0		ng/l	1.73	0.264	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.73	1.05	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.73	0.562	1
Perfluoroundecanoic Acid (PFUnA)	0.364	JF	ng/l	1.73	0.225	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.73	0.850	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.73	0.503	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	5.98		ng/l	1.73	0.697	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.73	0.322	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.73	0.284	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.73	0.215	1
PFOA/PFOS, Total	146		ng/l	1.73	0.204	1

Project Name: Not Specified **Lab Number:** L2233608

Project Number: 11744 **Report Date:** 07/15/22

SAMPLE RESULTS

Lab ID: L2233608-06 Date Collected: 06/23/22 00:00

Client ID: DUP-1 Date Received: 06/23/22

Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	90		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	74		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	86		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	66		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	75		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	92		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	83		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**285**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	89		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	83		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	84		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**199**	Q	10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	76		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	75		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	38		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	41		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	61		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	58		22-136

Project Name: Not Specified
Project Number: 11744
Lab Number: L2233608
Report Date: 07/15/22

SAMPLE RESULTS

Lab ID: L2233608-07
Client ID: FIELD BLANK
Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY

Date Collected: 06/23/22 10:15
Date Received: 06/23/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/12/22 17:45
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 06/29/22 17:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.79	0.365	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.79	0.355	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.79	0.213	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.79	0.294	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.79	0.202	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.79	0.337	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.79	0.211	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.79	1.19	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.79	0.616	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.79	0.279	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.79	0.451	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.79	0.272	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.79	1.08	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.79	0.580	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.79	0.233	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.79	0.878	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.79	0.520	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.79	0.720	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.79	0.333	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.79	0.293	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.79	0.222	1
PFOA/PFOS, Total	ND		ng/l	1.79	0.211	1

Project Name: Not Specified **Lab Number:** L2233608

Project Number: 11744 **Report Date:** 07/15/22

SAMPLE RESULTS

Lab ID: L2233608-07 Date Collected: 06/23/22 10:15

Client ID: FIELD BLANK Date Received: 06/23/22

Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	102		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	106		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	105		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	101		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	100		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	107		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	97		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	87		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	97		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	108		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	94		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	102		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	80		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	92		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	46		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	60		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	86		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	85		22-136

Project Name: Not Specified
Project Number: 11744

Lab Number: L2233608
Report Date: 07/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/30/22 19:29
Analyst: JW

Extraction Method: ALPHA 23528
Extraction Date: 06/29/22 15:39

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-07 Batch: WG1657044-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.408
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.396
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.238
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	2.00	0.328
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.225
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.376
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.236
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.00	1.33
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.688
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.312
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.504
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.304
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	1.21
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.648
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.260
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.980
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.804
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.372
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.327
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.248
PFOA/PFOS, Total	ND		ng/l	2.00	0.236

Project Name: Not Specified
Project Number: 11744

Lab Number: L2233608
Report Date: 07/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/30/22 19:29
Analyst: JW

Extraction Method: ALPHA 23528
Extraction Date: 06/29/22 15:39

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-07 Batch: WG1657044-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	93		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	113		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	89		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	90		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	85		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	95		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	88		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	64		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	87		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	98		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	99		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	71		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	65		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	91		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	27		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	73		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	79		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	90		22-136

Lab Control Sample Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 11744

Lab Number: L2233608
Report Date: 07/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-07 Batch: WG1657044-2								
Perfluorobutanoic Acid (PFBA)	103		-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	101		-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	102		-		65-157	-		30
Perfluorohexanoic Acid (PFHxA)	102		-		69-168	-		30
Perfluoroheptanoic Acid (PFHpA)	103		-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	120		-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	106		-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	110		-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	105		-		61-179	-		30
Perfluorononanoic Acid (PFNA)	104		-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	113		-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	102		-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	104		-		56-173	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	102		-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	102		-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	100		-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	100		-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	105		-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	110		-		67-153	-		30
Perfluorotridecanoic Acid (PFTrDA)	112		-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	93		-		59-182	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 11744

Lab Number: L2233608

Report Date: 07/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-07 Batch: WG1657044-2								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	97				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	117				62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	97				70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	97				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	96				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	101				71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	98				62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	73				14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	96				59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	99				69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	101				62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	82				10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	80				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	100				55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	30				10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	78				27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	90				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	100				22-136

Matrix Spike Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 11744

Lab Number: L2233608

Report Date: 07/15/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1657044-3 QC Sample: L2233608-01 Client ID: MW-1												
Perfluorobutanoic Acid (PFBA)	14.1	36.6	51.4	102		-	-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	33.8	36.6	72.1	105		-	-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	13.0	32.5	46.6	103		-	-		65-157	-		30
Perfluorohexanoic Acid (PFHxA)	22.6	36.6	61.9	107		-	-		69-168	-		30
Perfluoroheptanoic Acid (PFHpA)	10.2	36.6	47.6	102		-	-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	4.98F	33.4	45.9	122		-	-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	19.4	36.6	60.8	113		-	-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	34.8	40.2	115		-	-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	34.9	37.1	106		-	-		61-179	-		30
Perfluorononanoic Acid (PFNA)	3.25	36.6	43.2	109		-	-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	25.7	33.9	63.9	113		-	-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	1.06J	36.6	38.8	103		-	-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	35.1	34.7	99		-	-		56-173	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	36.6	41.9	115		-	-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	ND	36.6	39.6	108		-	-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	ND	35.3	34.5	98		-	-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	ND	36.6	37.9	104		-	-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	36.6	44.1	121		-	-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	ND	36.6	42.9	117		-	-		67-153	-		30
Perfluorotridecanoic Acid (PFTrDA)	ND	36.6	46.5	127		-	-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	ND	36.6	36.5	100		-	-		59-182	-		30

Matrix Spike Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 11744

Lab Number: L2233608

Report Date: 07/15/22

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1657044-3 QC Sample: L2233608-01 Client ID: MW-1

Surrogate (Extracted Internal Standard)	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	154				10-162
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**209**	Q			14-147
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	73				27-126
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	75				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	79				55-137
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	89				62-124
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	74				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	83				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	92				71-134
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	70				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	68				22-136
Perfluoro[13C4]Butanoic Acid (MPFBA)	92				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	96				62-163
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	18				10-112
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	92				69-131
Perfluoro[13C8]Octanoic Acid (M8PFOA)	89				62-129
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	88				59-139
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	87				70-131

Lab Duplicate Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 11744

Lab Number: L2233608
Report Date: 07/15/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1657044-4 QC Sample: L2233608-02 Client ID: MW-7						
Perfluorobutanoic Acid (PFBA)	29.4	29.2	ng/l	1		30
Perfluoropentanoic Acid (PFPeA)	53.1	54.3	ng/l	2		30
Perfluorobutanesulfonic Acid (PFBS)	19.1	19.5	ng/l	2		30
Perfluorohexanoic Acid (PFHxA)	58.1	60.9	ng/l	5		30
Perfluoroheptanoic Acid (PFHpA)	20.9	21.8	ng/l	4		30
Perfluorohexanesulfonic Acid (PFHxS)	8.96	9.45F	ng/l	5		30
Perfluorooctanoic Acid (PFOA)	54.5	54.4	ng/l	0		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	7.68	7.59	ng/l	1		30
Perfluoroheptanesulfonic Acid (PFHpS)	0.687J	0.898J	ng/l	NC		30
Perfluorononanoic Acid (PFNA)	3.92	4.18	ng/l	6		30
Perfluorooctanesulfonic Acid (PFOS)	38.7	39.4	ng/l	2		30
Perfluorodecanoic Acid (PFDA)	2.01	1.68J	ng/l	NC		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	ND	ng/l	NC		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	ND	ng/l	NC		30
Perfluoroundecanoic Acid (PFUnA)	ND	ND	ng/l	NC		30
Perfluorodecanesulfonic Acid (PFDS)	ND	ND	ng/l	NC		30
Perfluorooctanesulfonamide (FOSA)	ND	ND	ng/l	NC		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	ND	ng/l	NC		30
Perfluorododecanoic Acid (PFDoA)	ND	ND	ng/l	NC		30
Perfluorotridecanoic Acid (PFTrDA)	ND	ND	ng/l	NC		30

Lab Duplicate Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 11744

Lab Number: L2233608
Report Date: 07/15/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1657044-4 QC Sample: L2233608-02 Client ID: MW-7						
Perfluorotetradecanoic Acid (PFTA)	ND	ND	ng/l	NC		30

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	89		89		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	81		80		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	87		88		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	65		66		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	80		79		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	93		94		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	86		89		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**258**	Q	**256**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	96		97		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	92		90		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	91		93		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	125		116		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	**114**		**161**	Q	24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	75		86		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	20		25		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	58		72		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	83		90		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	**133**		**155**	Q	22-136

Project Name: Not Specified
Project Number: 11744

Lab Number: L2233608
Report Date: 07/15/22

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2233608-01A	Vial HCl preserved	A	NA		2.9	Y	Absent		NYTCL-8260(14)
L2233608-01B	Vial HCl preserved	A	NA		2.9	Y	Absent		NYTCL-8260(14)
L2233608-01C	Vial HCl preserved	A	NA		2.9	Y	Absent		NYTCL-8260(14)
L2233608-01D	Plastic 250ml unpreserved	A	NA		2.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2233608-01E	Plastic 250ml unpreserved	A	NA		2.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2233608-02A	Vial HCl preserved	A	NA		2.9	Y	Absent		NYTCL-8260(14)
L2233608-02B	Vial HCl preserved	A	NA		2.9	Y	Absent		NYTCL-8260(14)
L2233608-02C	Vial HCl preserved	A	NA		2.9	Y	Absent		NYTCL-8260(14)
L2233608-02D	Plastic 250ml unpreserved	A	NA		2.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2233608-02E	Plastic 250ml unpreserved	A	NA		2.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2233608-03A	Vial HCl preserved	A	NA		2.9	Y	Absent		NYTCL-8260(14)
L2233608-03B	Vial HCl preserved	A	NA		2.9	Y	Absent		NYTCL-8260(14)
L2233608-03C	Vial HCl preserved	A	NA		2.9	Y	Absent		NYTCL-8260(14)
L2233608-03D	Plastic 250ml unpreserved	A	NA		2.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2233608-03E	Plastic 250ml unpreserved	A	NA		2.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2233608-04A	Vial HCl preserved	A	NA		2.9	Y	Absent		NYTCL-8260(14)
L2233608-04B	Vial HCl preserved	A	NA		2.9	Y	Absent		NYTCL-8260(14)
L2233608-04C	Vial HCl preserved	A	NA		2.9	Y	Absent		NYTCL-8260(14)
L2233608-04D	Plastic 250ml unpreserved	A	NA		2.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2233608-04E	Plastic 250ml unpreserved	A	NA		2.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2233608-05A	Vial HCl preserved	A	NA		2.9	Y	Absent		NYTCL-8260(14)
L2233608-05B	Vial HCl preserved	A	NA		2.9	Y	Absent		NYTCL-8260(14)
L2233608-05C	Vial HCl preserved	A	NA		2.9	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: Not Specified
Project Number: 11744

Lab Number: L2233608
Report Date: 07/15/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2233608-05D	Plastic 250ml unpreserved	A	NA		2.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2233608-05E	Plastic 250ml unpreserved	A	NA		2.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2233608-06A	Vial HCl preserved	A	NA		2.9	Y	Absent		NYTCL-8260(14)
L2233608-06B	Vial HCl preserved	A	NA		2.9	Y	Absent		NYTCL-8260(14)
L2233608-06C	Vial HCl preserved	A	NA		2.9	Y	Absent		NYTCL-8260(14)
L2233608-06D	Plastic 250ml unpreserved	A	NA		2.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2233608-06E	Plastic 250ml unpreserved	A	NA		2.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2233608-07A	Vial HCl preserved	A	NA		2.9	Y	Absent		NYTCL-8260(14)
L2233608-07B	Vial HCl preserved	A	NA		2.9	Y	Absent		NYTCL-8260(14)
L2233608-07C	Vial HCl preserved	A	NA		2.9	Y	Absent		NYTCL-8260(14)
L2233608-07D	Plastic 250ml unpreserved	A	NA		2.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2233608-08A	Vial HCl preserved	A	NA		2.9	Y	Absent		NYTCL-8260(14)
L2233608-08B	Vial HCl preserved	A	NA		2.9	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: Not Specified
Project Number: 11744

Lab Number: L2233608
Report Date: 07/15/22

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name:	Not Specified	**Lab Number:**	L2233608
Project Number:	11744	**Report Date:**	07/15/22

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	Not Specified	**Lab Number:**	L2233608
Project Number:	11744	**Report Date:**	07/15/22

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	Not Specified	**Lab Number:**	L2233608
Project Number:	11744	**Report Date:**	07/15/22

Data Qualifiers

Identified Compounds (TICs).

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.)

Project Name:	Not Specified	**Lab Number:**	L2233608
Project Number:	11744	**Report Date:**	07/15/22

REFERENCES

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

134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

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 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
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.
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 332: Perchlorate; **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), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, 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.

NEW JERSEY CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193

Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 6/24/22

ALPHA Job #: L2233604

Client Information
Client: SESI
Address: 12A Maple AVE
Pinebrook NJ
Phone: (973)-808-9050
Fax:
Email: SSG@sesi.org

Project Information
Project Name:
Project Location: 14 LeCount Pl., New Rochelle, NY
Project # 11744
(Use Project name as Project #) ☑
Project Manager: Steven Gustems
ALPHAQuote #:

Turn-Around Time
Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ NJ Full / Reduced
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☑ Other ASP-B

Regulatory Requirement
☐ SRS Residential/Non Residential
☐ SRS Impact to Groundwater
☐ NJ Ground Water Quality Standards
☐ NJ IGW SPLP Leachate Criteria
☑ Other NY AWQ

Billing Information
☐ Same as Client Info
PO #

Site Information
Is this site impacted by Petroleum? Yes ☐
Petroleum Product:

These samples have been previously analyzed by Alpha ☐

For EPH, selection is REQUIRED:
☐ Category 1
☐ Category 2

For VOC, selection is REQUIRED:
☐ 1,4-Dioxane
☐ 8011

Other project specific requirements/comments:
Please specify Metals or TAL.

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs + 10	PFAAs	Sample Specific Comments	Total Bottle
33604-01	MW-1	6/23/22	14:30	Water	BS	✓	✓		
-02	MW-7	6/23/22	13:15			✓	✓		
-03	MW-201	6/23/22	12:05			✓	✓		
-04	MW-202	6/23/22	11:15			✓	✓		
-05	MW-203	6/23/22	9:55			✓	✓		
-06	Dup-1	6/23/22	—			✓	✓		
-07	Field Blank	6/23/22	10:15			✓	✓		
-08	Trip Blank	6/22/22				✓	✓		

Container Type: V P
Preservative: B A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Brianna Stahl	6/23/22 17:31	[illegible] AAL 6/23	6/23/22 17:31
[illegible] AAL - 6/23	6/23 1835	AAL	6/23 1930
AAL	6/23	DAVIDSON	6/23 21:45
DAVIDSON	6/24 BOW		6/24/22 0000

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONSTITUTIONS. (See reverse side.)

Form No: 01-14 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2233907
Client:	Soils Engineering Services, Inc. 12A Maple Avenue Pine Brook, NJ 07058
ATTN:	Steven Gustems
Phone:	(973) 808-9050
Project Name:	Not Specified
Project Number:	11744
Report Date:	07/18/22

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

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

Project Name: Not Specified
Project Number: 11744

Lab Number: L2233907
Report Date: 07/18/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2233907-01	MW-5	WATER	14 LECOUNT PL. NEW ROCHELLE, NY	06/24/22 09:25	06/24/22
L2233907-02	GW-2	WATER	14 LECOUNT PL. NEW ROCHELLE, NY	06/24/22 11:35	06/24/22
L2233907-03	MW-9	WATER	14 LECOUNT PL. NEW ROCHELLE, NY	06/24/22 13:05	06/24/22
L2233907-04	FIELD BLANK	WATER	14 LECOUNT PL. NEW ROCHELLE, NY	06/24/22 08:55	06/24/22
L2233907-05	TRIP BLANK	WATER	14 LECOUNT PL. NEW ROCHELLE, NY	06/24/22 00:00	06/24/22

Project Name:	Not Specified	**Lab Number:**	L2233907
Project Number:	11744	**Report Date:**	07/18/22

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, solids and tissues are reported on a dry 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:	Not Specified	**Lab Number:**	L2233907
Project Number:	11744	**Report Date:**	07/18/22

Case Narrative (continued)

Report Submission

July 18, 2022: This final report includes the results of all requested analyses.

July 11, 2022: This is a preliminary report.

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

Perfluorinated Alkyl Acids by Isotope Dilution

L2233907-01, -02, -03R, and WG1657209-2: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

L2233907-01: The MeOH fraction of the extraction is reported for perfluorooctanesulfonamide (fosa) due to better extraction efficiency of the perfluoro[13c8]octanesulfonamide (m8fosa) Extracted Internal Standard.

L2233907-03R: The sample was re-analyzed due to QC failures in the original analysis. The results of the re-analysis are reported.

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: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 07/18/22

ORGANICS

VOLATILES

Project Name: Not Specified
Project Number: 11744
Lab Number: L2233907
Report Date: 07/18/22

SAMPLE RESULTS

Lab ID: L2233907-01
Client ID: MW-5
Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY
Date Collected: 06/24/22 09:25
Date Received: 06/24/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/06/22 18:23
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	2.1		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.08	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: Not Specified **Lab Number:** L2233907

Project Number: 11744 **Report Date:** 07/18/22

SAMPLE RESULTS

Lab ID: L2233907-01 Date Collected: 06/24/22 09:25

Client ID: MW-5 Date Received: 06/24/22

Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	1.5		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	9.1		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	9.1		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: Not Specified **Lab Number:** L2233907

Project Number: 11744 **Report Date:** 07/18/22

SAMPLE RESULTS

Lab ID: L2233907-01 Date Collected: 06/24/22 09:25

Client ID: MW-5 Date Received: 06/24/22

Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	106		70-130

Project Name: Not Specified
Project Number: 11744
Lab Number: L2233907
Report Date: 07/18/22

SAMPLE RESULTS

Lab ID: L2233907-02
Client ID: GW-2
Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY
Date Collected: 06/24/22 11:35
Date Received: 06/24/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/06/22 18:50
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	0.89	J	ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.23	J	ug/l	0.50	0.16	1
Toluene	5.9		ug/l	2.5	0.70	1
Ethylbenzene	17		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	0.71	J	ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: Not Specified **Lab Number:** L2233907

Project Number: 11744 **Report Date:** 07/18/22

SAMPLE RESULTS

Lab ID: L2233907-02 Date Collected: 06/24/22 11:35

Client ID: GW-2 Date Received: 06/24/22

Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	110		ug/l	2.5	0.70	1
o-Xylene	60		ug/l	2.5	0.70	1
Xylenes, Total	170		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	30		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	2.3	J	ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: Not Specified **Lab Number:** L2233907

Project Number: 11744 **Report Date:** 07/18/22

SAMPLE RESULTS

Lab ID: L2233907-02 Date Collected: 06/24/22 11:35

Client ID: GW-2 Date Received: 06/24/22

Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	0.88	J	ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	0.85	J	ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	108		70-130

Project Name: Not Specified
Project Number: 11744
Lab Number: L2233907
Report Date: 07/18/22

SAMPLE RESULTS

Lab ID: L2233907-03
Client ID: MW-9
Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY
Date Collected: 06/24/22 13:05
Date Received: 06/24/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/06/22 19:16
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	4.1		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	33		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: Not Specified **Lab Number:** L2233907

Project Number: 11744 **Report Date:** 07/18/22

SAMPLE RESULTS

Lab ID: L2233907-03 Date Collected: 06/24/22 13:05

Client ID: MW-9 Date Received: 06/24/22

Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	0.30	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	3.4		ug/l	2.5	0.70	1
o-Xylene	2.6		ug/l	2.5	0.70	1
Xylenes, Total	6.0		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	1.8	J	ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	4.6		ug/l	2.5	0.70	1
p-Isopropyltoluene	0.90	J	ug/l	2.5	0.70	1
Naphthalene	6.5		ug/l	2.5	0.70	1

Project Name: Not Specified **Lab Number:** L2233907

Project Number: 11744 **Report Date:** 07/18/22

SAMPLE RESULTS

Lab ID: L2233907-03 Date Collected: 06/24/22 13:05

Client ID: MW-9 Date Received: 06/24/22

Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	5.2		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	14		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	0.91	J	ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	3.7		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Tentatively Identified Compounds				
Total TIC Compounds	94.8	J	ug/l	1
Unknown Naphthalene	4.65	J	ug/l	1
Unknown Aromatic	14.3	J	ug/l	1
Unknown	9.64	J	ug/l	1
Unknown Aromatic	6.40	J	ug/l	1
Unknown Benzene	4.70	J	ug/l	1
Unknown Benzene	5.51	J	ug/l	1
Unknown	5.68	J	ug/l	1
Unknown Aromatic	3.24	J	ug/l	1
Unknown Aromatic	8.48	J	ug/l	1
Unknown Indene	5.30	J	ug/l	1
Unknown Aromatic	2.83	J	ug/l	1
Unknown Aromatic	3.06	J	ug/l	1
Unknown Aromatic	8.64	J	ug/l	1
Unknown Benzene	6.91	J	ug/l	1
Unknown Aromatic	5.48	J	ug/l	1

Project Name: Not Specified **Lab Number:** L2233907

Project Number: 11744 **Report Date:** 07/18/22

SAMPLE RESULTS

Lab ID: L2233907-03 Date Collected: 06/24/22 13:05

Client ID: MW-9 Date Received: 06/24/22

Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	110		70-130

Project Name: Not Specified
Project Number: 11744
Lab Number: L2233907
Report Date: 07/18/22

SAMPLE RESULTS

Lab ID: L2233907-04
Client ID: FIELD BLANK
Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY
Date Collected: 06/24/22 08:55
Date Received: 06/24/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/06/22 17:30
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: Not Specified **Lab Number:** L2233907

Project Number: 11744 **Report Date:** 07/18/22

SAMPLE RESULTS

Lab ID: L2233907-04 Date Collected: 06/24/22 08:55

Client ID: FIELD BLANK Date Received: 06/24/22

Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: Not Specified
Project Number: 11744
Lab Number: L2233907
Report Date: 07/18/22

SAMPLE RESULTS

Lab ID: L2233907-04
Client ID: FIELD BLANK
Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY
Date Collected: 06/24/22 08:55
Date Received: 06/24/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	105		70-130

Project Name: Not Specified
Project Number: 11744
Lab Number: L2233907
Report Date: 07/18/22

SAMPLE RESULTS

Lab ID: L2233907-05
Client ID: TRIP BLANK
Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY
Date Collected: 06/24/22 00:00
Date Received: 06/24/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/06/22 17:56
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: Not Specified **Lab Number:** L2233907

Project Number: 11744 **Report Date:** 07/18/22

SAMPLE RESULTS

Lab ID: L2233907-05 Date Collected: 06/24/22 00:00

Client ID: TRIP BLANK Date Received: 06/24/22

Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: Not Specified **Lab Number:** L2233907

Project Number: 11744 **Report Date:** 07/18/22

SAMPLE RESULTS

Lab ID: L2233907-05 Date Collected: 06/24/22 00:00

Client ID: TRIP BLANK Date Received: 06/24/22

Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	103		70-130

Project Name: Not Specified
Project Number: 11744
Lab Number: L2233907
Report Date: 07/18/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/06/22 11:13
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1659673-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: Not Specified
Project Number: 11744
Lab Number: L2233907
Report Date: 07/18/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/06/22 11:13
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1659673-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: Not Specified
Project Number: 11744
Lab Number: L2233907
Report Date: 07/18/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/06/22 11:13
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1659673-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: Not Specified
Project Number: 11744
Lab Number: L2233907
Report Date: 07/18/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/06/22 11:13
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1659673-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	107		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 11744

Lab Number: L2233907
Report Date: 07/18/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1659673-3 WG1659673-4								
Methylene chloride	90		91		70-130	1		20
1,1-Dichloroethane	96		96		70-130	0		20
Chloroform	95		94		70-130	1		20
Carbon tetrachloride	110		95		63-132	15		20
1,2-Dichloropropane	87		89		70-130	2		20
Dibromochloromethane	89		93		63-130	4		20
1,1,2-Trichloroethane	93		96		70-130	3		20
Tetrachloroethene	98		94		70-130	4		20
Chlorobenzene	91		90		75-130	1		20
Trichlorofluoromethane	95		98		62-150	3		20
1,2-Dichloroethane	98		110		70-130	12		20
1,1,1-Trichloroethane	97		95		67-130	2		20
Bromodichloromethane	91		96		67-130	5		20
trans-1,3-Dichloropropene	88		92		70-130	4		20
cis-1,3-Dichloropropene	88		92		70-130	4		20
1,1-Dichloropropene	97		94		70-130	3		20
Bromoform	82		94		54-136	14		20
1,1,2,2-Tetrachloroethane	95		100		67-130	5		20
Benzene	92		93		70-130	1		20
Toluene	92		91		70-130	1		20
Ethylbenzene	89		90		70-130	1		20
Chloromethane	80		88		64-130	10		20
Bromomethane	67		62		39-139	8		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 11744

Lab Number: L2233907
Report Date: 07/18/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1659673-3 WG1659673-4								
Vinyl chloride	85		87		55-140	2		20
Chloroethane	89		91		55-138	2		20
1,1-Dichloroethene	88		86		61-145	2		20
trans-1,2-Dichloroethene	90		96		70-130	6		20
Trichloroethene	81		81		70-130	0		20
1,2-Dichlorobenzene	89		95		70-130	7		20
1,3-Dichlorobenzene	92		92		70-130	0		20
1,4-Dichlorobenzene	92		94		70-130	2		20
Methyl tert butyl ether	83		94		63-130	12		20
p/m-Xylene	90		90		70-130	0		20
o-Xylene	90		90		70-130	0		20
cis-1,2-Dichloroethene	93		96		70-130	3		20
Dibromomethane	92		99		70-130	7		20
1,2,3-Trichloropropane	87		99		64-130	13		20
Acrylonitrile	81		96		70-130	17		20
Styrene	90		90		70-130	0		20
Dichlorodifluoromethane	79		79		36-147	0		20
Acetone	80		94		58-148	16		20
Carbon disulfide	88		88		51-130	0		20
2-Butanone	89		100		63-138	12		20
Vinyl acetate	**180**	Q	**190**	Q	70-130	5		20
4-Methyl-2-pentanone	79		92		59-130	15		20
2-Hexanone	82		95		57-130	15		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 11744

Lab Number: L2233907
Report Date: 07/18/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1659673-3 WG1659673-4								
Bromochloromethane	95		98		70-130	3		20
2,2-Dichloropropane	100		100		63-133	0		20
1,2-Dibromoethane	88		100		70-130	13		20
1,3-Dichloropropane	91		99		70-130	8		20
1,1,1,2-Tetrachloroethane	87		90		64-130	3		20
Bromobenzene	91		95		70-130	4		20
n-Butylbenzene	84		77		53-136	9		20
sec-Butylbenzene	86		82		70-130	5		20
tert-Butylbenzene	87		84		70-130	4		20
o-Chlorotoluene	85		88		70-130	3		20
p-Chlorotoluene	84		86		70-130	2		20
1,2-Dibromo-3-chloropropane	79		88		41-144	11		20
Hexachlorobutadiene	82		72		63-130	13		20
Isopropylbenzene	88		88		70-130	0		20
p-Isopropyltoluene	85		79		70-130	7		20
Naphthalene	75		81		70-130	8		20
n-Propylbenzene	87		85		69-130	2		20
1,2,3-Trichlorobenzene	86		92		70-130	7		20
1,2,4-Trichlorobenzene	83		88		70-130	6		20
1,3,5-Trimethylbenzene	86		85		64-130	1		20
1,2,4-Trimethylbenzene	85		82		70-130	4		20
1,4-Dioxane	92		112		56-162	20		20
p-Diethylbenzene	82		77		70-130	6		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 11744

Lab Number: L2233907

Report Date: 07/18/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1659673-3 WG1659673-4								
p-Ethyltoluene	85		84		70-130	1		20
1,2,4,5-Tetramethylbenzene	73		72		70-130	1		20
Ethyl ether	79		83		59-134	5		20
trans-1,4-Dichloro-2-butene	**58**	Q	**60**	Q	70-130	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	110		111		70-130
Toluene-d8	101		99		70-130
4-Bromofluorobenzene	97		95		70-130
Dibromofluoromethane	103		104		70-130

SEMIVOLATILES

Project Name: Not Specified
Project Number: 11744
Lab Number: L2233907
Report Date: 07/18/22

SAMPLE RESULTS

Lab ID: L2233907-01
Client ID: MW-5
Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY

Date Collected: 06/24/22 09:25
Date Received: 06/24/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/10/22 22:21
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 06/30/22 06:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	16.5		ng/l	1.76	0.359	1
Perfluoropentanoic Acid (PFPeA)	18.2		ng/l	1.76	0.349	1
Perfluorobutanesulfonic Acid (PFBS)	9.67		ng/l	1.76	0.210	1
Perfluorohexanoic Acid (PFHxA)	13.8		ng/l	1.76	0.289	1
Perfluoroheptanoic Acid (PFHpA)	10.7		ng/l	1.76	0.198	1
Perfluorohexanesulfonic Acid (PFHxS)	5.16		ng/l	1.76	0.331	1
Perfluorooctanoic Acid (PFOA)	39.7		ng/l	1.76	0.208	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.76	1.17	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.719	JF	ng/l	1.76	0.606	1
Perfluorononanoic Acid (PFNA)	3.70		ng/l	1.76	0.275	1
Perfluorooctanesulfonic Acid (PFOS)	41.1		ng/l	1.76	0.444	1
Perfluorodecanoic Acid (PFDA)	2.26		ng/l	1.76	0.268	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.76	1.07	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.76	0.571	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.76	0.229	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.76	0.863	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.76	0.708	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.76	0.328	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.76	0.288	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.76	0.218	1
PFOA/PFOS, Total	80.8		ng/l	1.76	0.208	1

Project Name: Not Specified **Lab Number:** L2233907

Project Number: 11744 **Report Date:** 07/18/22

SAMPLE RESULTS

Lab ID: L2233907-01 Date Collected: 06/24/22 09:25

Client ID: MW-5 Date Received: 06/24/22

Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	87		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	87		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	97		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	73		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	80		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	94		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	91		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**151**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	104		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	115		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	96		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	129		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	44		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	79		55-137
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	50		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	68		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	85		22-136

Project Name: Not Specified
Project Number: 11744
Lab Number: L2233907
Report Date: 07/18/22

SAMPLE RESULTS

Lab ID: L2233907-01
Client ID: MW-5
Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY

Date Collected: 06/24/22 09:25
Date Received: 06/24/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/17/22 13:29
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 06/30/22 06:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.76	0.511	1

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	102		10-112

Project Name: Not Specified
Project Number: 11744
Lab Number: L2233907
Report Date: 07/18/22

SAMPLE RESULTS

Lab ID: L2233907-02
Client ID: GW-2
Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY

Date Collected: 06/24/22 11:35
Date Received: 06/24/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/10/22 22:54
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 06/30/22 06:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	29.9		ng/l	1.76	0.359	1
Perfluoropentanoic Acid (PFPeA)	30.6		ng/l	1.76	0.348	1
Perfluorobutanesulfonic Acid (PFBS)	8.25		ng/l	1.76	0.209	1
Perfluorohexanoic Acid (PFHxA)	29.4		ng/l	1.76	0.288	1
Perfluoroheptanoic Acid (PFHpA)	14.0		ng/l	1.76	0.198	1
Perfluorohexanesulfonic Acid (PFHxS)	4.55		ng/l	1.76	0.330	1
Perfluorooctanoic Acid (PFOA)	31.1		ng/l	1.76	0.207	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	2.03		ng/l	1.76	1.17	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.01	J	ng/l	1.76	0.605	1
Perfluorononanoic Acid (PFNA)	5.64		ng/l	1.76	0.274	1
Perfluorooctanesulfonic Acid (PFOS)	70.6		ng/l	1.76	0.443	1
Perfluorodecanoic Acid (PFDA)	8.01		ng/l	1.76	0.267	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.76	1.06	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.76	0.570	1
Perfluoroundecanoic Acid (PFUnA)	0.907	J	ng/l	1.76	0.228	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.76	0.861	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.76	0.510	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	1.43	J	ng/l	1.76	0.707	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.76	0.327	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.76	0.288	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.76	0.218	1
PFOA/PFOS, Total	102		ng/l	1.76	0.207	1

Project Name: Not Specified **Lab Number:** L2233907

Project Number: 11744 **Report Date:** 07/18/22

SAMPLE RESULTS

Lab ID: L2233907-02 Date Collected: 06/24/22 11:35

Client ID: GW-2 Date Received: 06/24/22

Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	94		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	81		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	92		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	68		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	79		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	90		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	97		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**264**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	117		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	110		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	102		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**224**	Q	10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	66		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	76		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	35		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	74		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	58		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	68		22-136

Project Name: Not Specified
Project Number: 11744
Lab Number: L2233907
Report Date: 07/18/22

SAMPLE RESULTS

Lab ID: L2233907-03 R
Client ID: MW-9
Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY

Date Collected: 06/24/22 13:05
Date Received: 06/24/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/14/22 05:29
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 06/30/22 06:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	43.3		ng/l	1.76	0.360	1
Perfluoropentanoic Acid (PFPeA)	54.8		ng/l	1.76	0.349	1
Perfluorobutanesulfonic Acid (PFBS)	14.4		ng/l	1.76	0.210	1
Perfluorohexanoic Acid (PFHxA)	59.2		ng/l	1.76	0.289	1
Perfluoroheptanoic Acid (PFHpA)	23.5		ng/l	1.76	0.198	1
Perfluorohexanesulfonic Acid (PFHxS)	4.80	F	ng/l	1.76	0.331	1
Perfluorooctanoic Acid (PFOA)	48.9		ng/l	1.76	0.208	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	35.8		ng/l	1.76	1.17	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.76	0.606	1
Perfluorononanoic Acid (PFNA)	2.39		ng/l	1.76	0.275	1
Perfluorooctanesulfonic Acid (PFOS)	7.32	F	ng/l	1.76	0.444	1
Perfluorodecanoic Acid (PFDA)	0.642	JF	ng/l	1.76	0.268	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	2.40		ng/l	1.76	1.07	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.76	0.571	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.76	0.229	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.76	0.864	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.76	0.511	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.76	0.708	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.76	0.328	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.76	0.288	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.76	0.218	1
PFOA/PFOS, Total	56.2		ng/l	1.76	0.208	1

Project Name: Not Specified **Lab Number:** L2233907

Project Number: 11744 **Report Date:** 07/18/22

SAMPLE RESULTS

Lab ID: L2233907-03 R Date Collected: 06/24/22 13:05

Client ID: MW-9 Date Received: 06/24/22

Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	84		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	70		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	84		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	65		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	79		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	88		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	82		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**329**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	87		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	74		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	76		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**232**	Q	10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	**157**	Q	24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	87		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	38		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	**137**	Q	27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	80		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	60		22-136

Project Name: Not Specified
Project Number: 11744
Lab Number: L2233907
Report Date: 07/18/22

SAMPLE RESULTS

Lab ID: L2233907-04
Client ID: FIELD BLANK
Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY

Date Collected: 06/24/22 08:55
Date Received: 06/24/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/10/22 23:27
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 06/30/22 06:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.78	0.363	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.78	0.352	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.78	0.212	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.78	0.292	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.78	0.200	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.78	0.334	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.78	0.210	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.78	1.18	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.78	0.611	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.78	0.277	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.78	0.448	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.78	0.270	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.78	1.08	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.78	0.576	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.78	0.231	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.78	0.871	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.78	0.515	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.78	0.714	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.78	0.331	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.78	0.291	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.78	0.220	1
PFOA/PFOS, Total	ND		ng/l	1.78	0.210	1

Project Name: Not Specified **Lab Number:** L2233907

Project Number: 11744 **Report Date:** 07/18/22

SAMPLE RESULTS

Lab ID: L2233907-04 Date Collected: 06/24/22 08:55

Client ID: FIELD BLANK Date Received: 06/24/22

Sample Location: 14 LECOUNT PL. NEW ROCHELLE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	95		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	111		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	99		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	95		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	92		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	93		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	101		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	80		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	115		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	112		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	106		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	104		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	57		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	91		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	42		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	61		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	76		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	83		22-136

Project Name: Not Specified
Project Number: 11744

Lab Number: L2233907
Report Date: 07/18/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/05/22 14:01
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 06/30/22 06:30

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-04 Batch: WG1657209-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.408
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.396
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.238
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	2.00	0.328
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.225
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.376
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.236
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.00	1.33
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.688
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.312
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.504
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.304
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	1.21
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.648
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.260
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.980
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.804
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.372
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.327
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.248
PFOA/PFOS, Total	ND		ng/l	2.00	0.236

Project Name: Not Specified
Project Number: 11744
Lab Number: L2233907
Report Date: 07/18/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/05/22 14:01
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 06/30/22 06:30

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-04 Batch: WG1657209-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	102		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	113		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	103		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	98		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	99		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	100		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	106		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	91		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	115		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	121		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	112		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	112		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	70		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	99		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	23		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	65		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	85		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	84		22-136

Project Name: Not Specified
Project Number: 11744

Lab Number: L2233907
Report Date: 07/18/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/12/22 12:22
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 06/30/22 06:30

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-04 Batch: WG1657209-1					
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	111		10-112

Lab Control Sample Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 11744

Lab Number: L2233907
Report Date: 07/18/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-04 Batch: WG1657209-2								
Perfluorobutanoic Acid (PFBA)	107		-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	105		-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	106		-		65-157	-		30
Perfluorohexanoic Acid (PFHxA)	101		-		69-168	-		30
Perfluoroheptanoic Acid (PFHpA)	102		-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	124		-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	102		-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	111		-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	92		-		61-179	-		30
Perfluorononanoic Acid (PFNA)	92		-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	104		-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	95		-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	136		-		56-173	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	126		-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	122		-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	94		-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	99		-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	94		-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	108		-		67-153	-		30
Perfluorotridecanoic Acid (PFTrDA)	106		-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	94		-		59-182	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 11744

Lab Number: L2233907

Report Date: 07/18/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-04 Batch: WG1657209-2								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	101				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	112				62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	99				70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	97				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	97				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	97				71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	104				62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	84				14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	116				59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	116				69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	107				62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	98				10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	64				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	95				55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	28				10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	69				27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	85				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	85				22-136

Lab Control Sample Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 11744

Lab Number: L2233907

Report Date: 07/18/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-04 Batch: WG1657209-2								
Perfluorooctanesulfonamide (FOSA)	124		-		46-170	-		30

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	**114**	Q			10-112

Matrix Spike Analysis
Batch Quality Control

Project Name: Not Specified
Project Number: 11744

Lab Number: L2233907
Report Date: 07/18/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1657209-3 WG1657209-4 QC Sample: L2233392-06 Client ID: MS Sample												
Perfluorobutanoic Acid (PFBA)	3.92	39	45.3	106		43.4	106		67-148	4		30
Perfluoropentanoic Acid (PFPeA)	3.99	39	45.2	106		43.5	106		63-161	4		30
Perfluorobutanesulfonic Acid (PFBS)	1.80J	34.6	40.2	111		38.2	110		65-157	5		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	36.6	44.4	121		40.6	117		37-219	9		30
Perfluorohexanoic Acid (PFHxA)	1.40J	39	42.3	105		41.0	107		69-168	3		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	36.8	44.6	121		44.1	126		52-156	1		30
Perfluoroheptanoic Acid (PFHpA)	1.17JF	39	42.7	106		41.3	108		58-159	3		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	35.7	46.4	130		46.5	137		69-177	0		30
Perfluorooctanoic Acid (PFOA)	1.77J	39	42.5	104		40.7	105		63-159	4		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	37.1	46.5	125		42.4	120		49-187	9		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	37.2	34.5	93		32.0	90		61-179	8		30
Perfluorononanoic Acid (PFNA)	ND	39	37.4	96		34.9	94		68-171	7		30
Perfluorooctanesulfonic Acid (PFOS)	ND	36.2	37.7	104		36.8	107		52-151	2		30
Perfluorodecanoic Acid (PFDA)	ND	39	36.3	93		35.6	96		63-171	2		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	37.4	52.9F	141		50.5F	142		56-173	5		30
Perfluorononanesulfonic Acid (PFNS)	ND	37.5	32.1	86		31.8	89		48-150	1		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	39	45.1	116		46.2	124		60-166	2		30
Perfluoroundecanoic Acid (PFUnA)	ND	39	51.7	133		53.8	145		60-153	4		30
Perfluorodecanesulfonic Acid (PFDS)	ND	37.7	33.0	88		30.0	84		38-156	10		30
Perfluorooctanesulfonamide (FOSA)	ND	39	41.5	106		38.4	103		46-170	8		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	39	38.9	100		38.1	103		45-170	2		30
Perfluorododecanoic Acid (PFDoA)	ND	39	46.5	119		43.7	118		67-153	6		30

Matrix Spike Analysis

Batch Quality Control

Project Name: Not Specified

Project Number: 11744

Lab Number: L2233907

Report Date: 07/18/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1657209-3 WG1657209-4 QC Sample: L2233392-06 Client ID: MS Sample												
Perfluorotridecanoic Acid (PFTrDA)	ND	39	43.5	111		41.6	112		48-158	4		30
Perfluorotetradecanoic Acid (PFTA)	ND	39	38.4	98		34.7	94		59-182	10		30

Surrogate (Extracted Internal Standard)	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	94		113		10-162
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	**152**	Q	**161**	Q	12-142
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	132		141		14-147
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	42		40		27-126
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	43		40		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	70		75		55-137
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	94		102		62-124
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	72		75		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	71		73		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	80		84		71-134
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	59		60		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	64		73		22-136
Perfluoro[13C4]Butanoic Acid (MPFBA)	87		92		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	86		91		62-163
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	13		14		10-112
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	105		118		69-131
Perfluoro[13C8]Octanoic Acid (M8PFOA)	89		95		62-129
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	101		112		59-139
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	87		95		70-131

Project Name: Not Specified
Project Number: 11744

Lab Number: L2233907
Report Date: 07/18/22

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2233907-01A	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)
L2233907-01B	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)
L2233907-01C	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)
L2233907-01D	Plastic 250ml unpreserved	A	NA		3.7	Y	Absent		A2-NY-537-ISOTOPE(14)
L2233907-01E	Plastic 250ml unpreserved	A	NA		3.7	Y	Absent		A2-NY-537-ISOTOPE(14)
L2233907-02A	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)
L2233907-02B	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)
L2233907-02C	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)
L2233907-02D	Plastic 250ml unpreserved	A	NA		3.7	Y	Absent		A2-NY-537-ISOTOPE(14)
L2233907-02E	Plastic 250ml unpreserved	A	NA		3.7	Y	Absent		A2-NY-537-ISOTOPE(14)
L2233907-03A	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)
L2233907-03B	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)
L2233907-03C	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)
L2233907-03D	Plastic 250ml unpreserved	A	NA		3.7	Y	Absent		A2-NY-537-ISOTOPE(14)
L2233907-03E	Plastic 250ml unpreserved	A	NA		3.7	Y	Absent		A2-NY-537-ISOTOPE(14)
L2233907-04A	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)
L2233907-04B	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)
L2233907-04C	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)
L2233907-04D	Plastic 250ml unpreserved	A	NA		3.7	Y	Absent		A2-NY-537-ISOTOPE(14)
L2233907-05A	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)
L2233907-05B	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: Not Specified
Project Number: 11744

Lab Number: L2233907
Report Date: 07/18/22

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name:	Not Specified	**Lab Number:**	L2233907
Project Number:	11744	**Report Date:**	07/18/22

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	Not Specified	**Lab Number:**	L2233907
Project Number:	11744	**Report Date:**	07/18/22

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	Not Specified	**Lab Number:**	L2233907
Project Number:	11744	**Report Date:**	07/18/22

Data Qualifiers

Identified Compounds (TICs).

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.)

Report Format: DU Report with 'J' Qualifiers

Project Name:	Not Specified	**Lab Number:**	L2233907
Project Number:	11744	**Report Date:**	07/18/22

REFERENCES

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

134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

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 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
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.
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 332: Perchlorate; **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), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, 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.

NEW JERSEY CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 6/25/22

ALPHA Job #: L2233907

Client Information

Client: SEST
Address: 12A Maple AVE
Pinebrook NJ
Phone: (973)-808-9050
Fax:
Email: SSG@sesi.org

Project Information

Project Name:
Project Location: 14 LeCount Pl, New Rochelle, NY
Project # 11744
(Use Project name as Project #) ☑
Project Manager: Steven Gustems
ALPHAQuote #:

Turn-Around Time

Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ NJ Full / Reduced
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☑ Other ASP-B

Regulatory Requirement

☐ SRS Residential/Non Residential
☐ SRS Impact to Groundwater
☐ NJ Ground Water Quality Standards
☐ NJ IGW SPLP Leachate Criteria
☑ Other NY AWQ

Billing Information

☐ Same as Client Info
PO #

Site Information

Is this site impacted by Petroleum? Yes ☐
Petroleum Product:

These samples have been previously analyzed by Alpha ☐

For EPH, selection is REQUIRED:
☐ Category 1
☐ Category 2

For VOC, selection is REQUIRED:
☐ 1,4-Dioxane
☐ 8011

Other project specific requirements/comments:
Please specify Metals or TAL.

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOC + 16	PFAS	Total Bottle	Sample Specific Comments
33907-01	MW-5	6/24/22	9:25	Water	BS	✓	✓		
-02	~~MW-5~~ GW-2	6/24/22	11:35			✓	✓		
-03	MW-9	6/24/22	13:05			✓	✓		
-04	Field blank	6/24/22	8:55		⊙	✓	✓		
-05	Trip Blank	6/22/22		⊙					

Container Type: V P
Preservative: B A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Briana Blake	6/24/22 1710		6/24/22 1710
	6/24/22 1755	TEST AAL	6/24 1930
TEST AAL	6/24		6/24 2130
	6/25 00:00		6/25/22 00:00

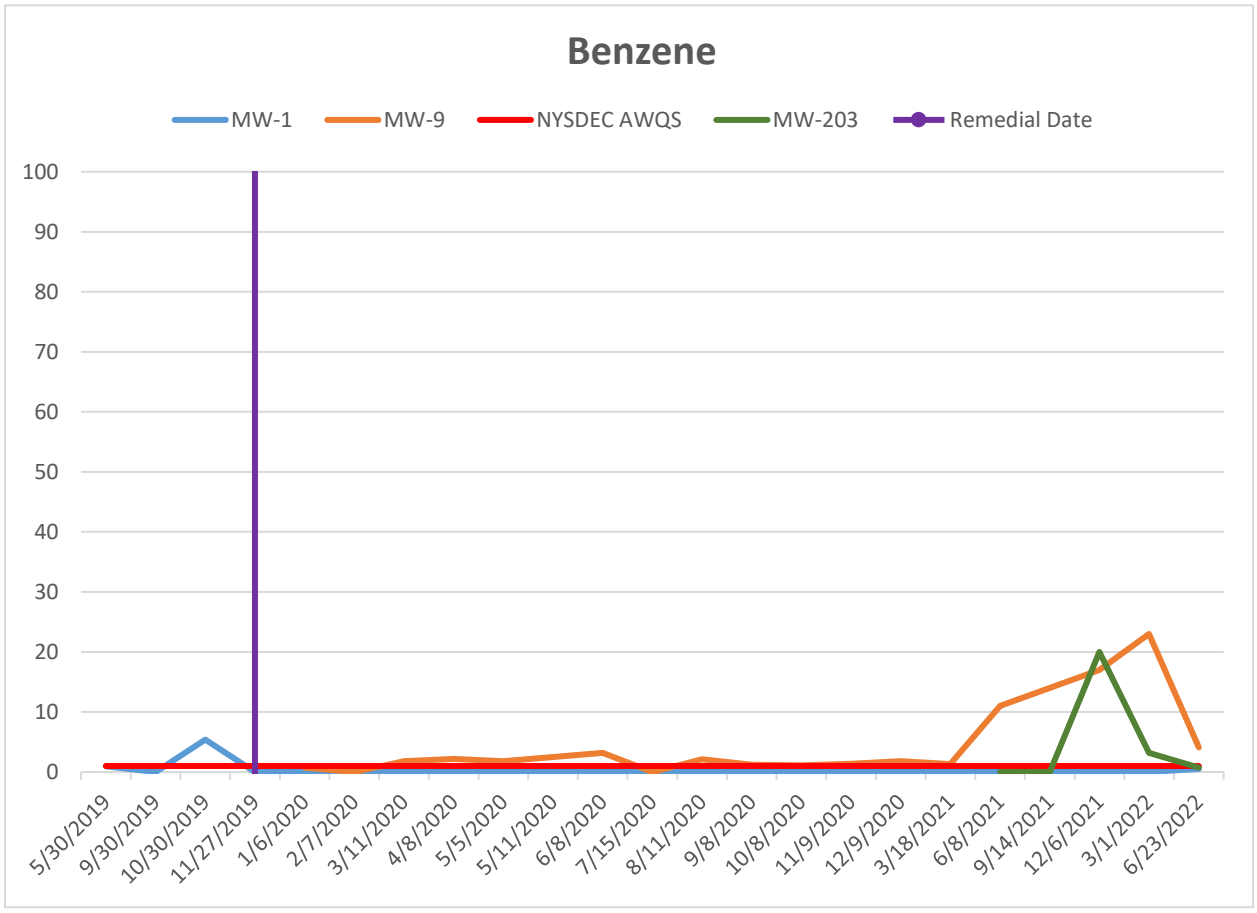
Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-14 HC (rev. 30-Sept-2013)

Appendix D:

Trend Graphs

FULL SCALE



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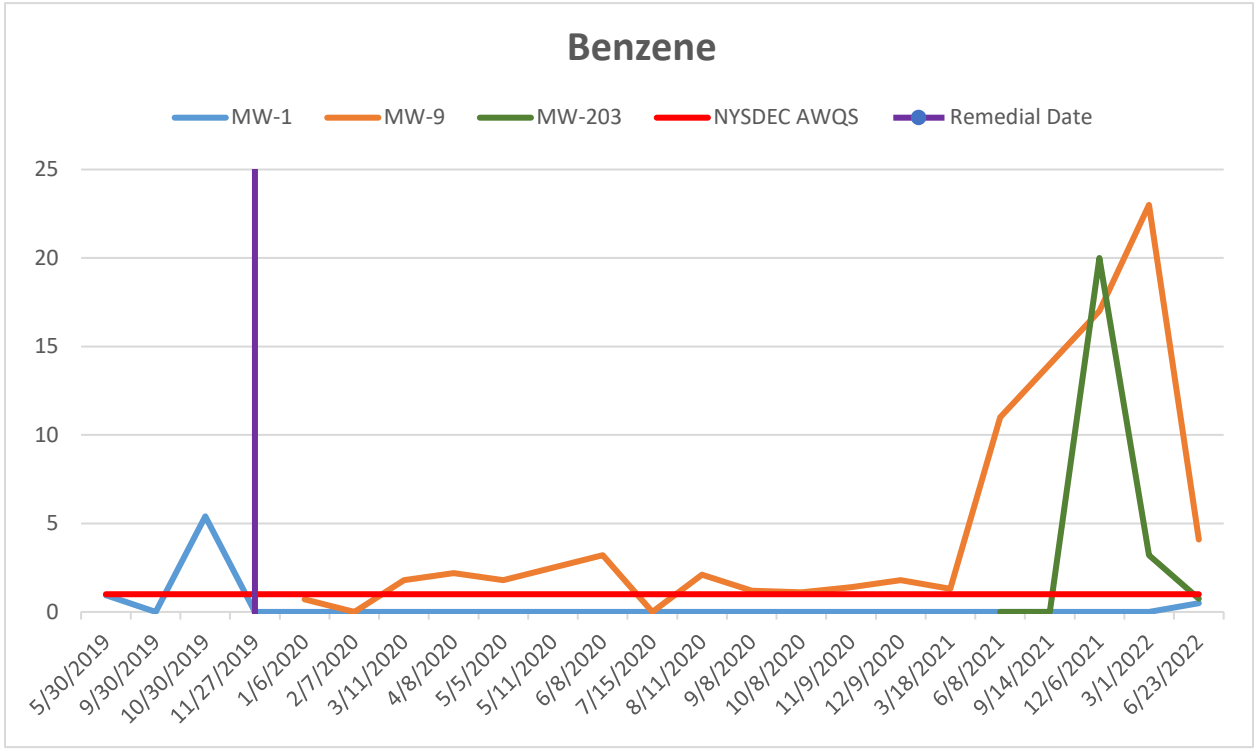

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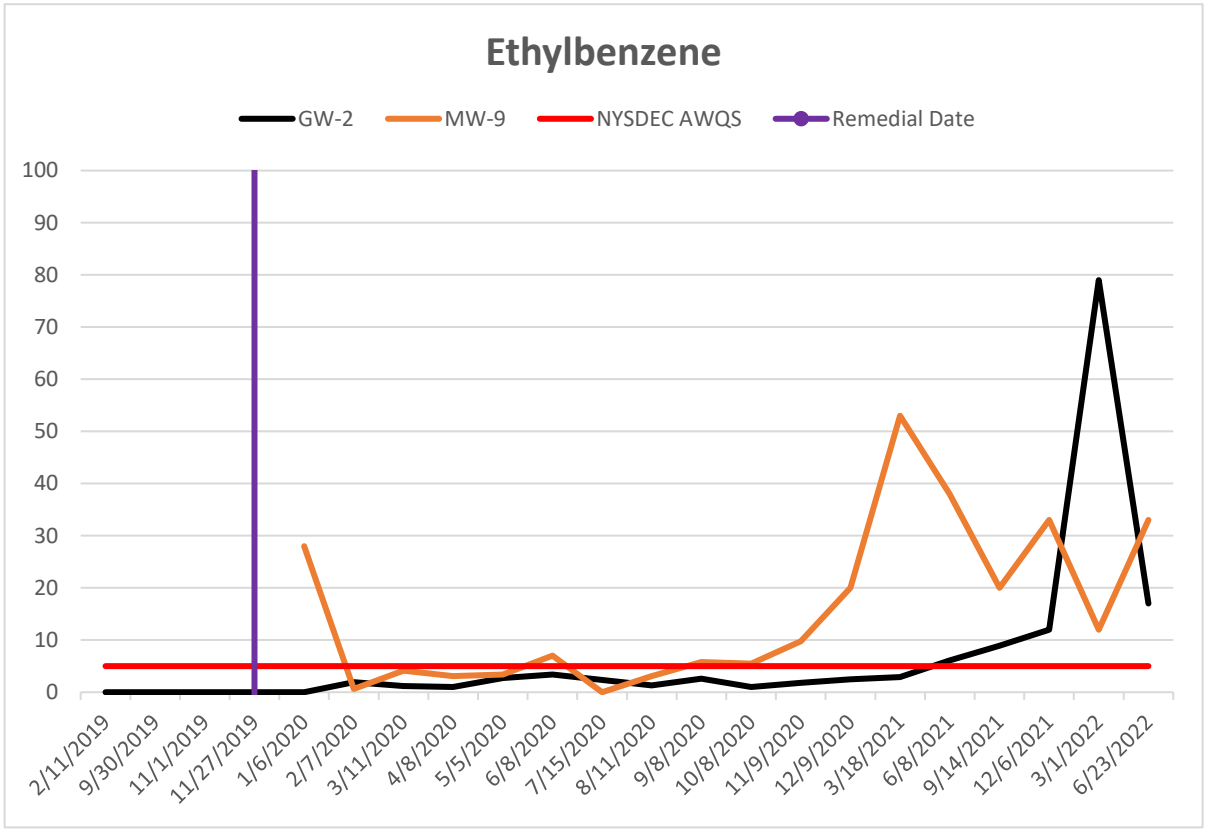

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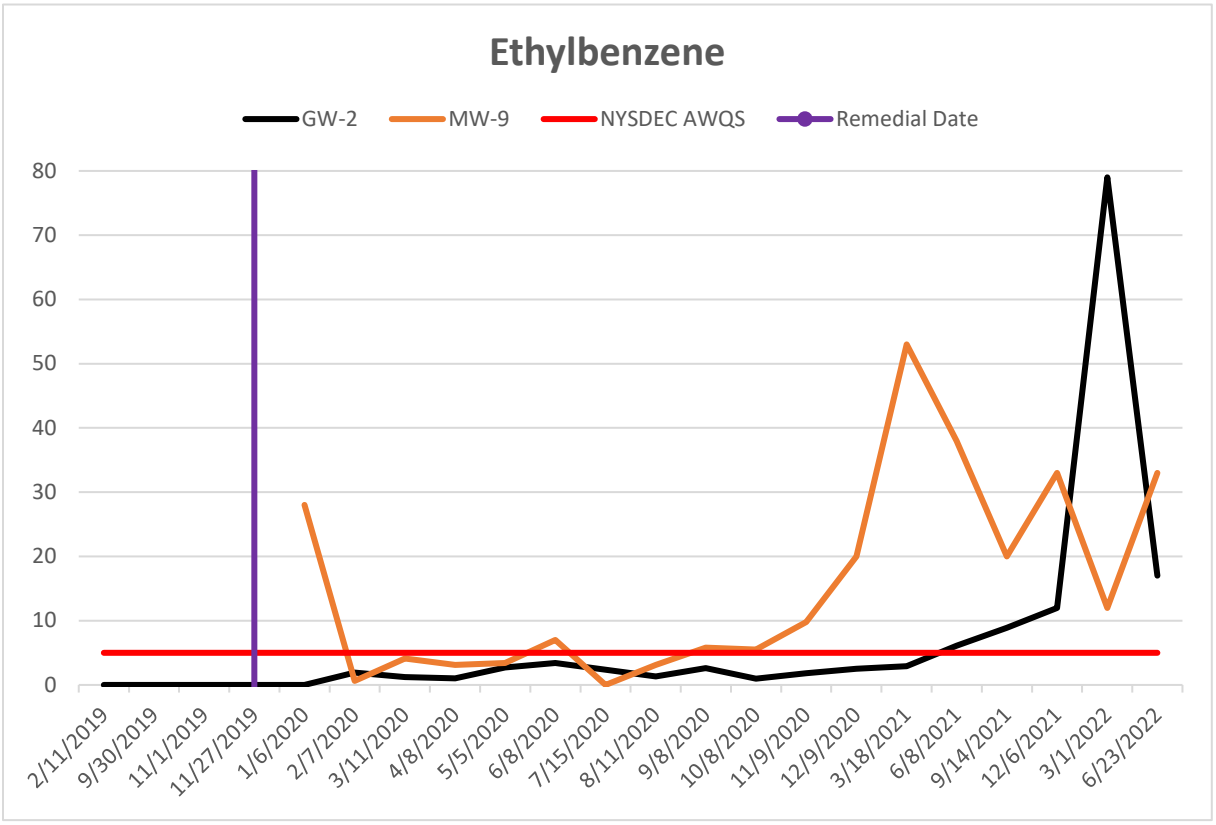

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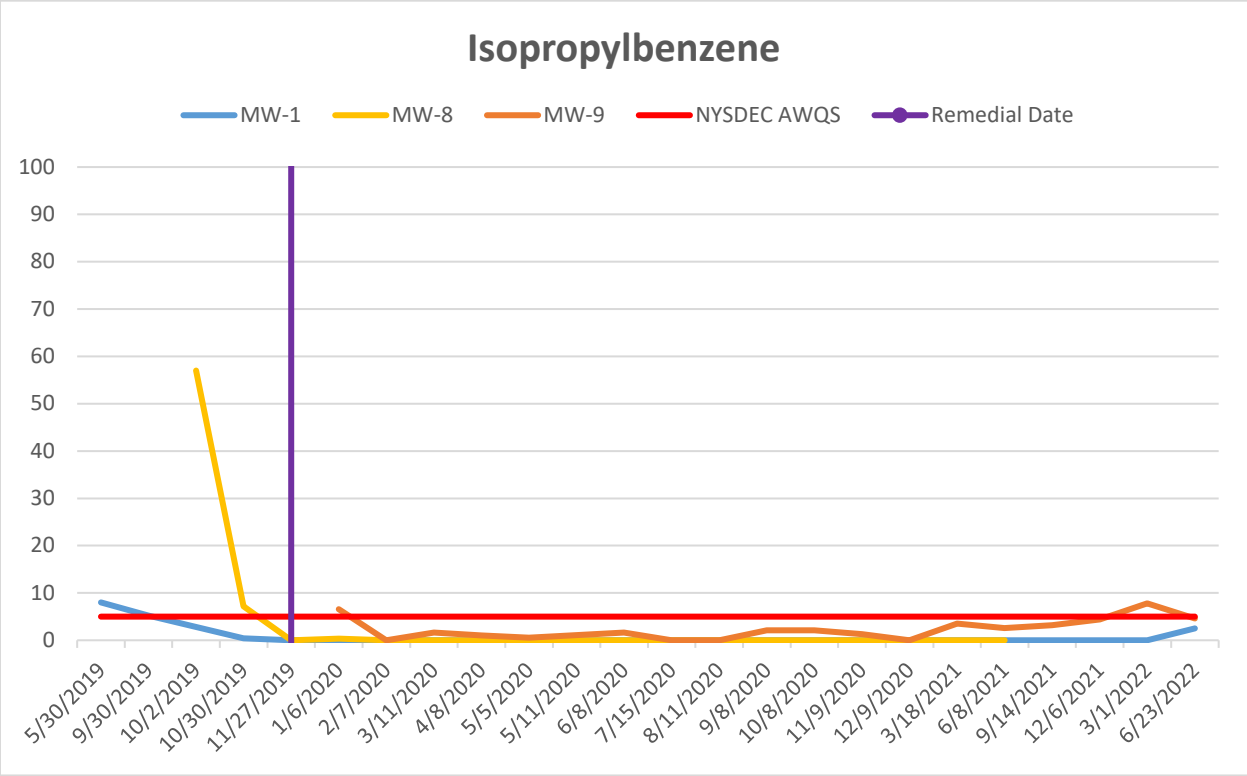

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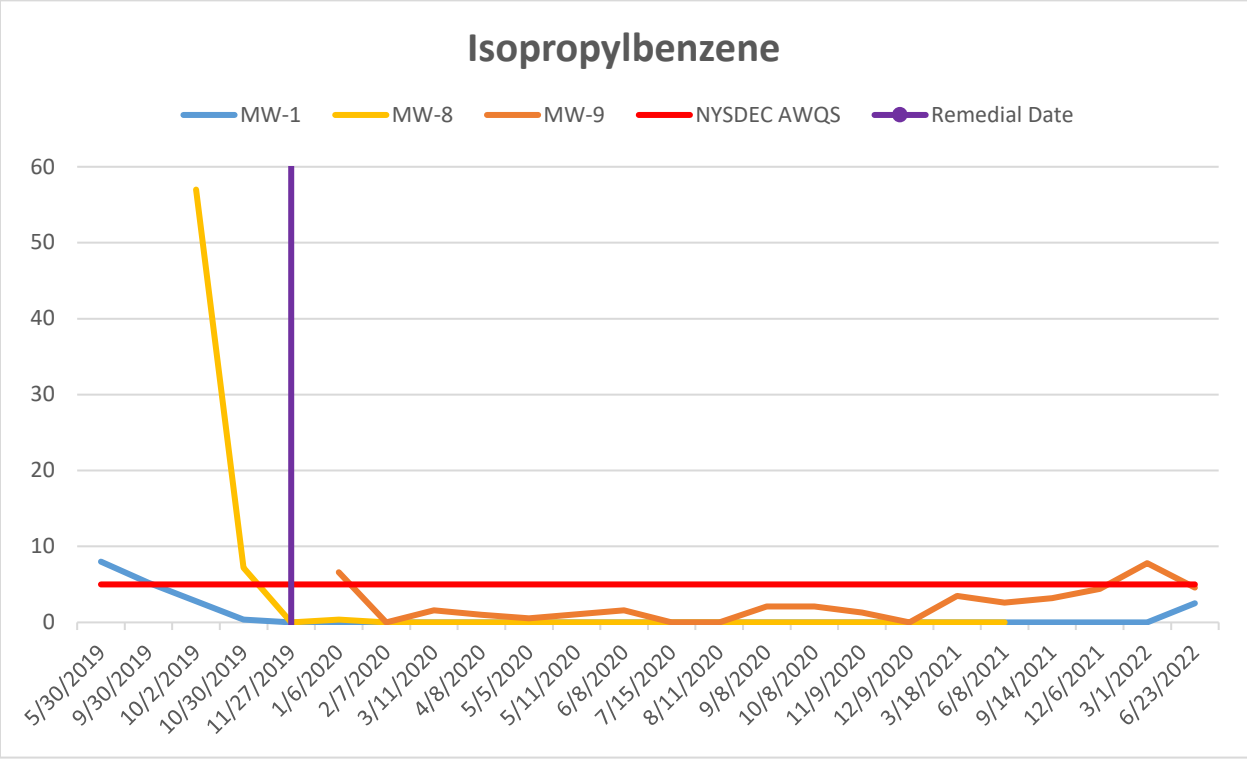

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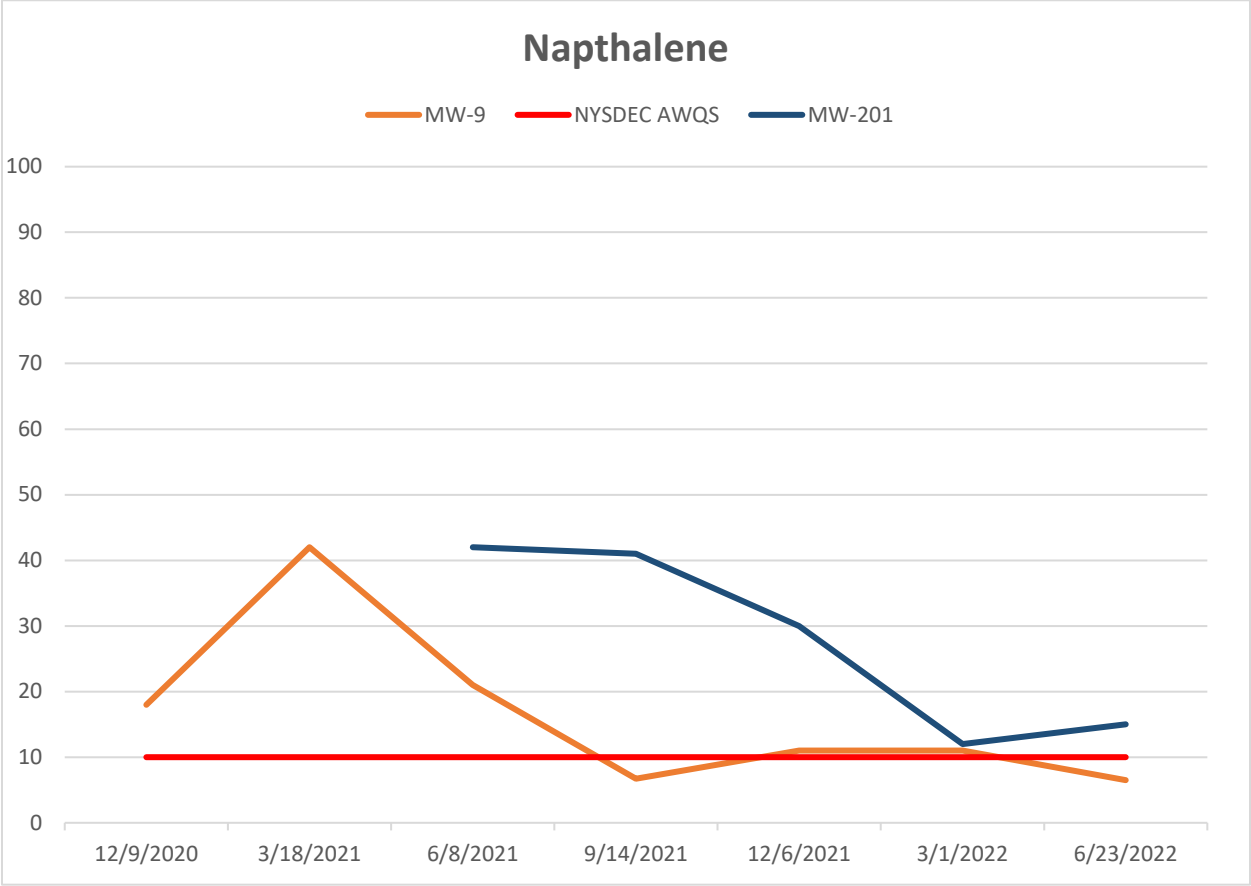

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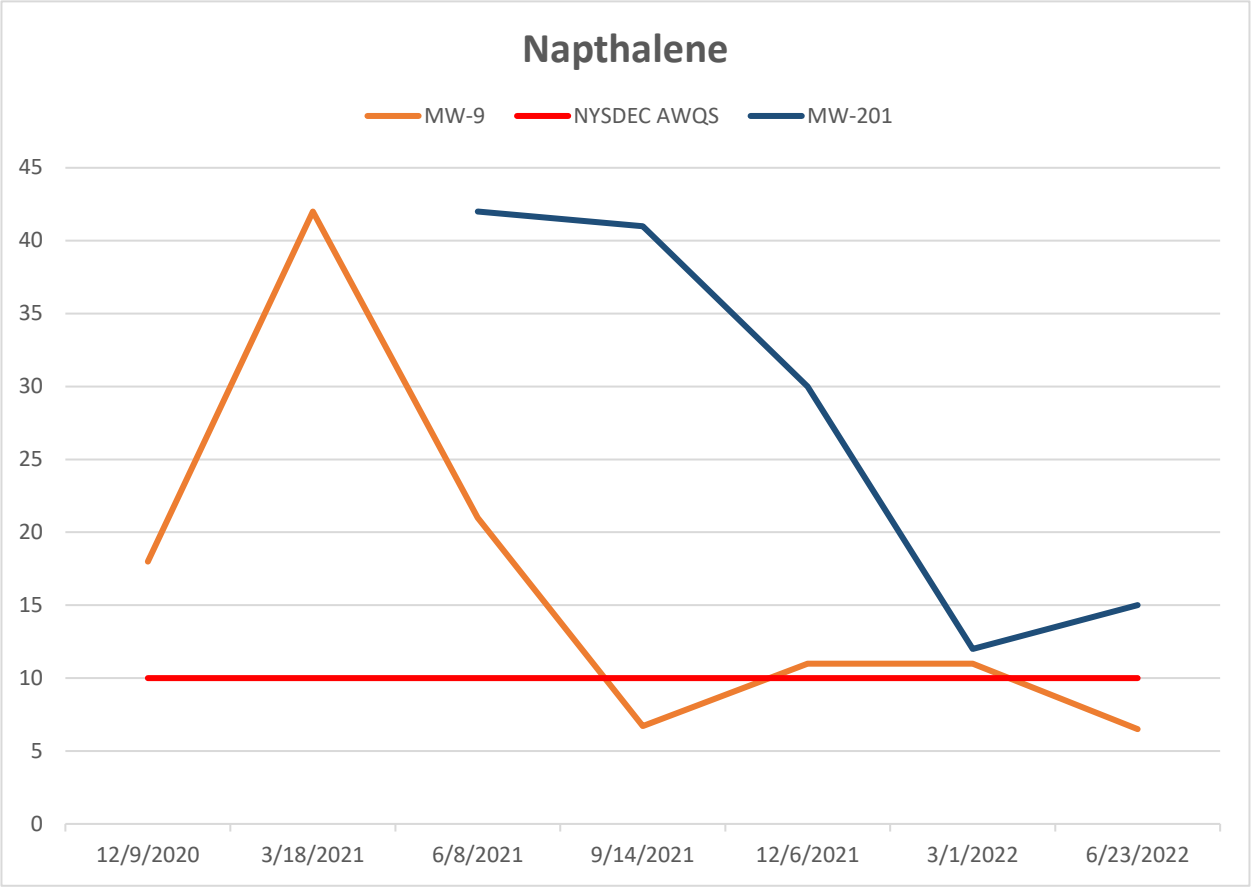

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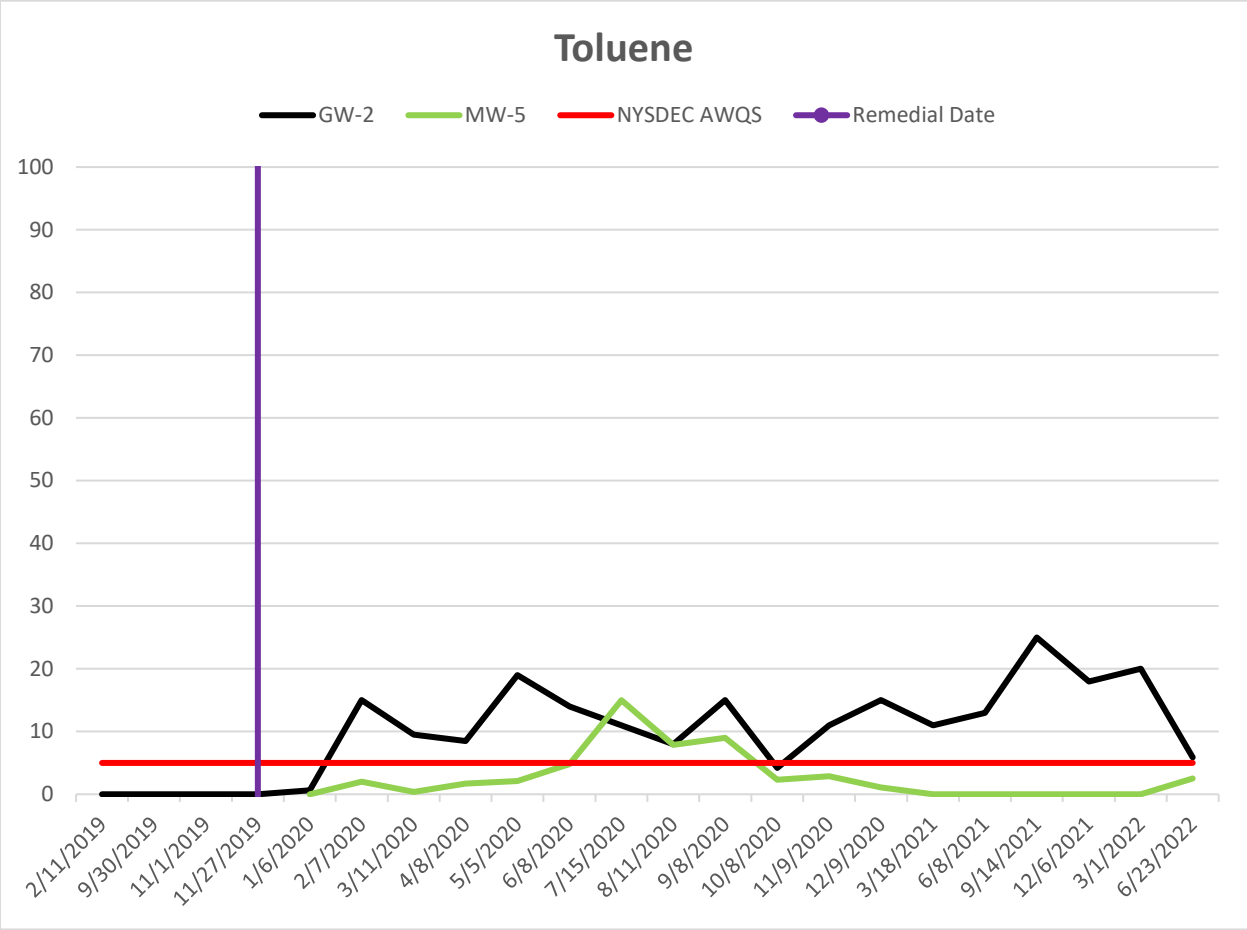

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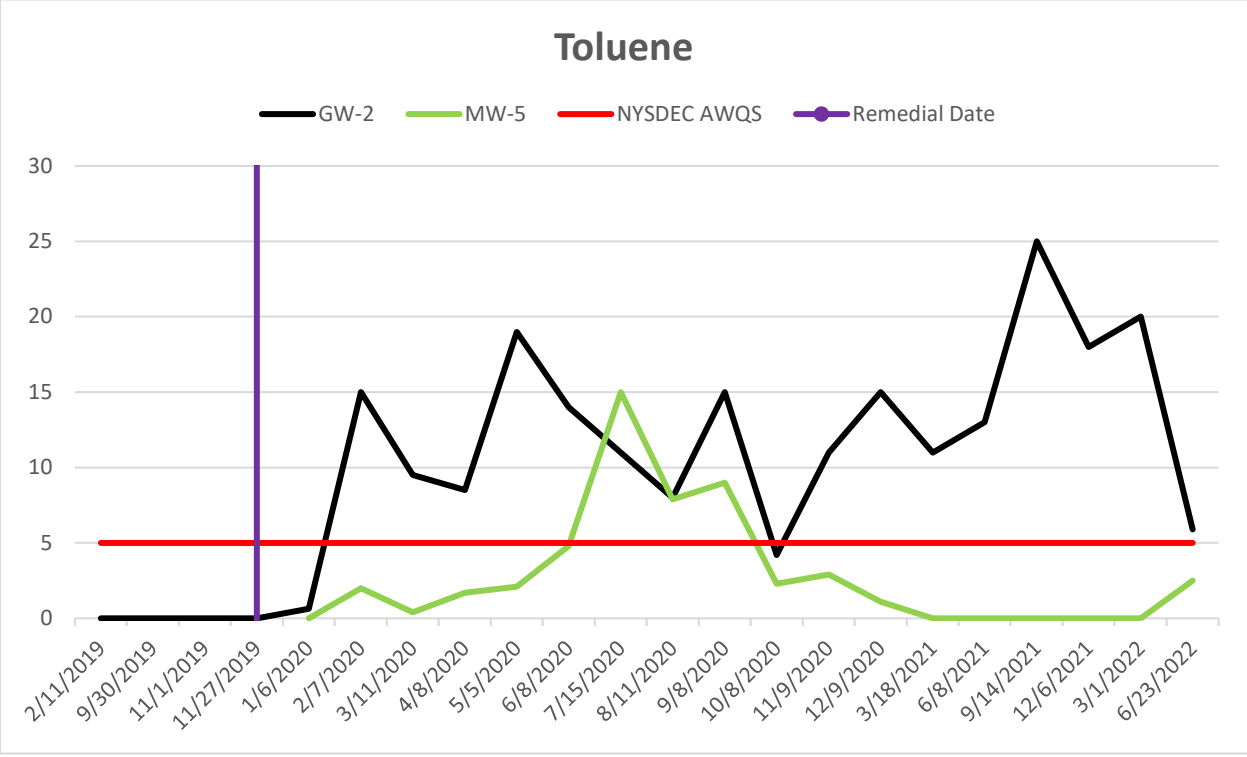

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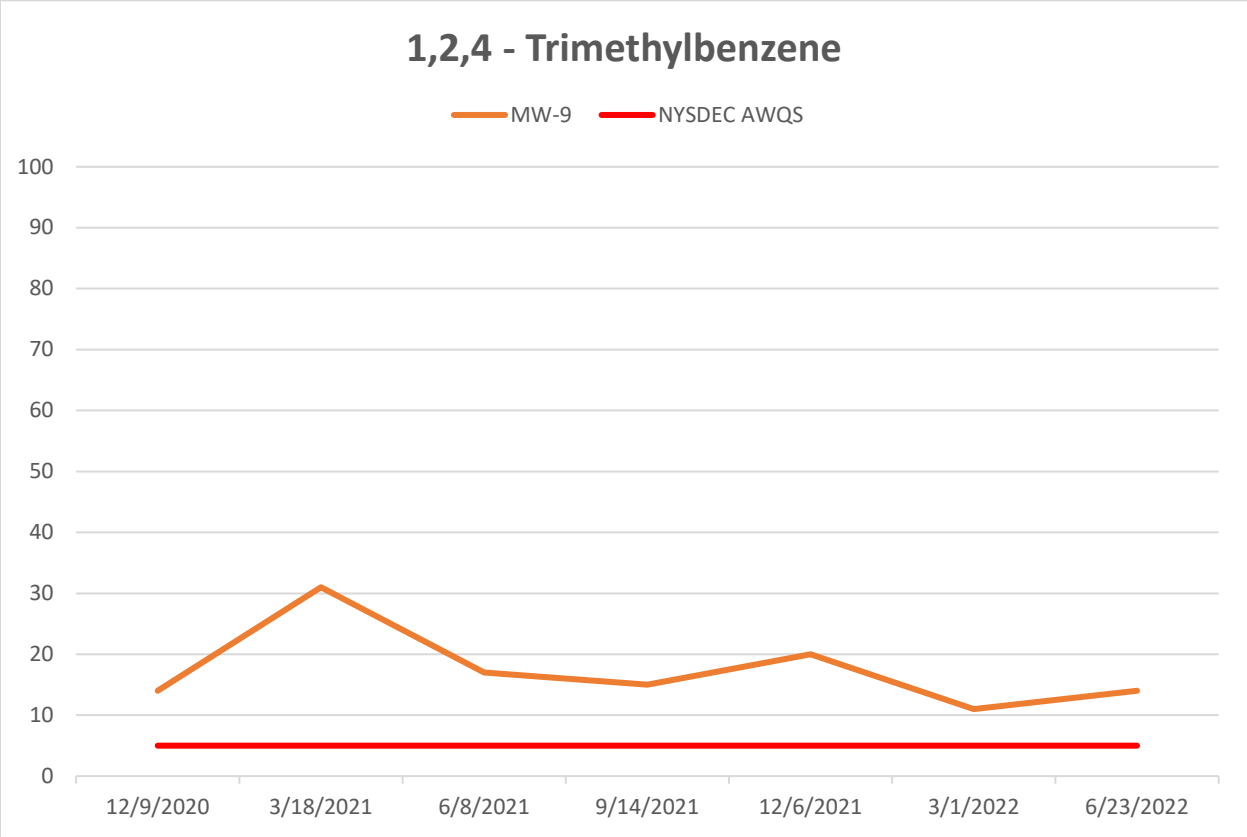

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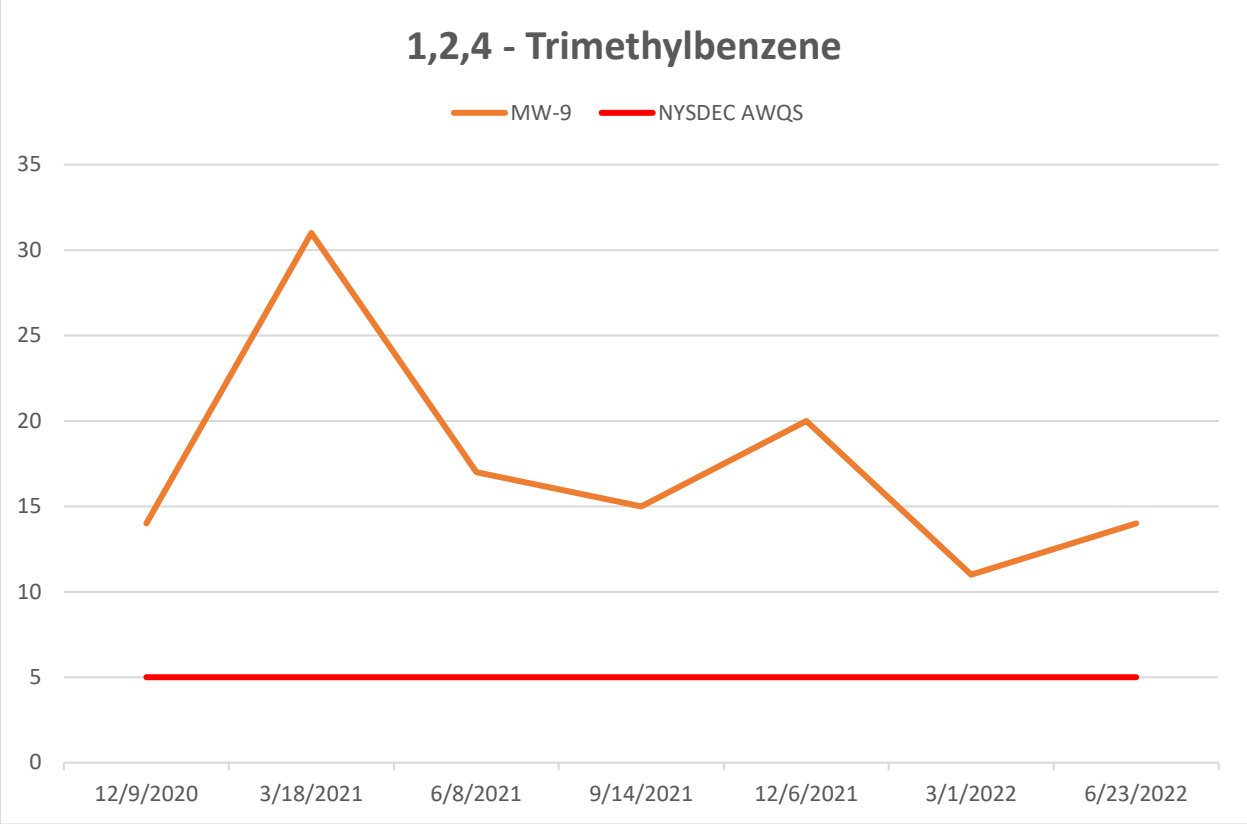

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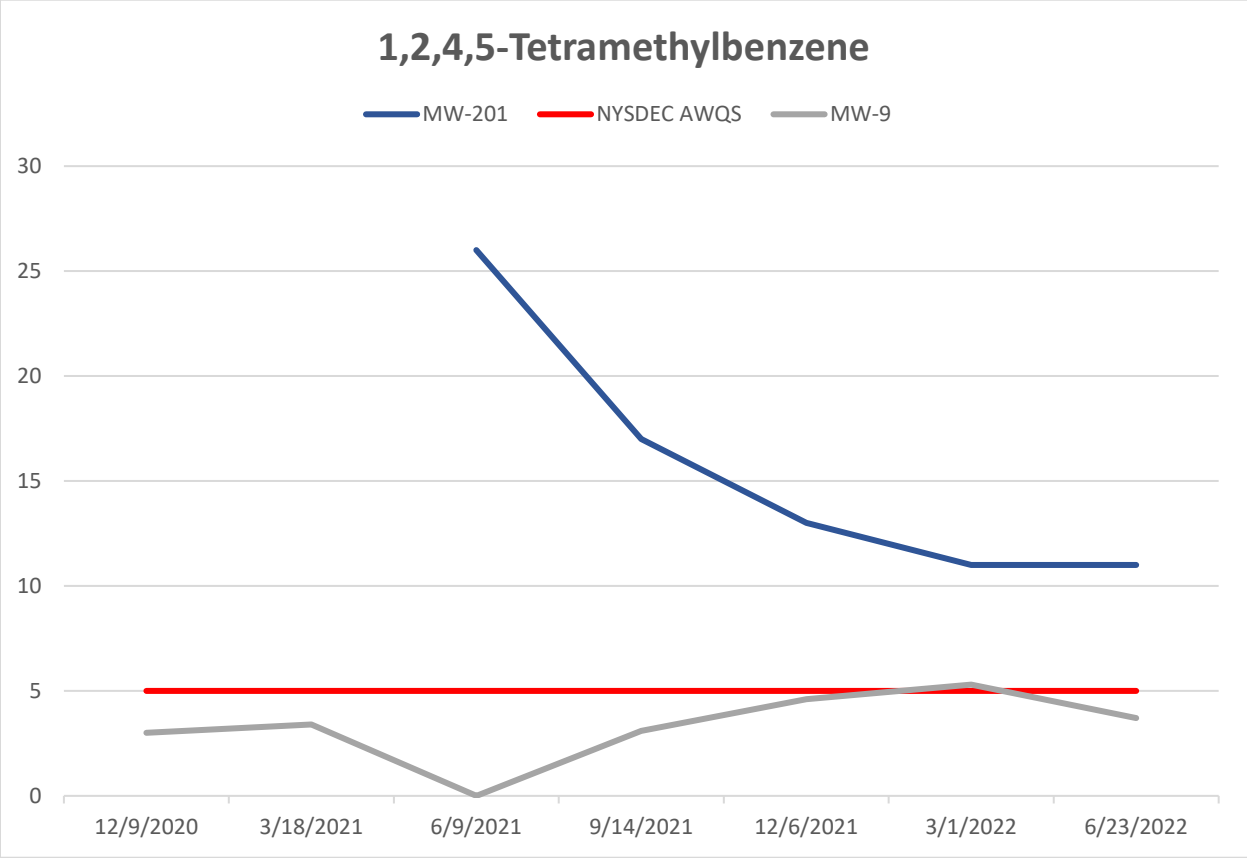

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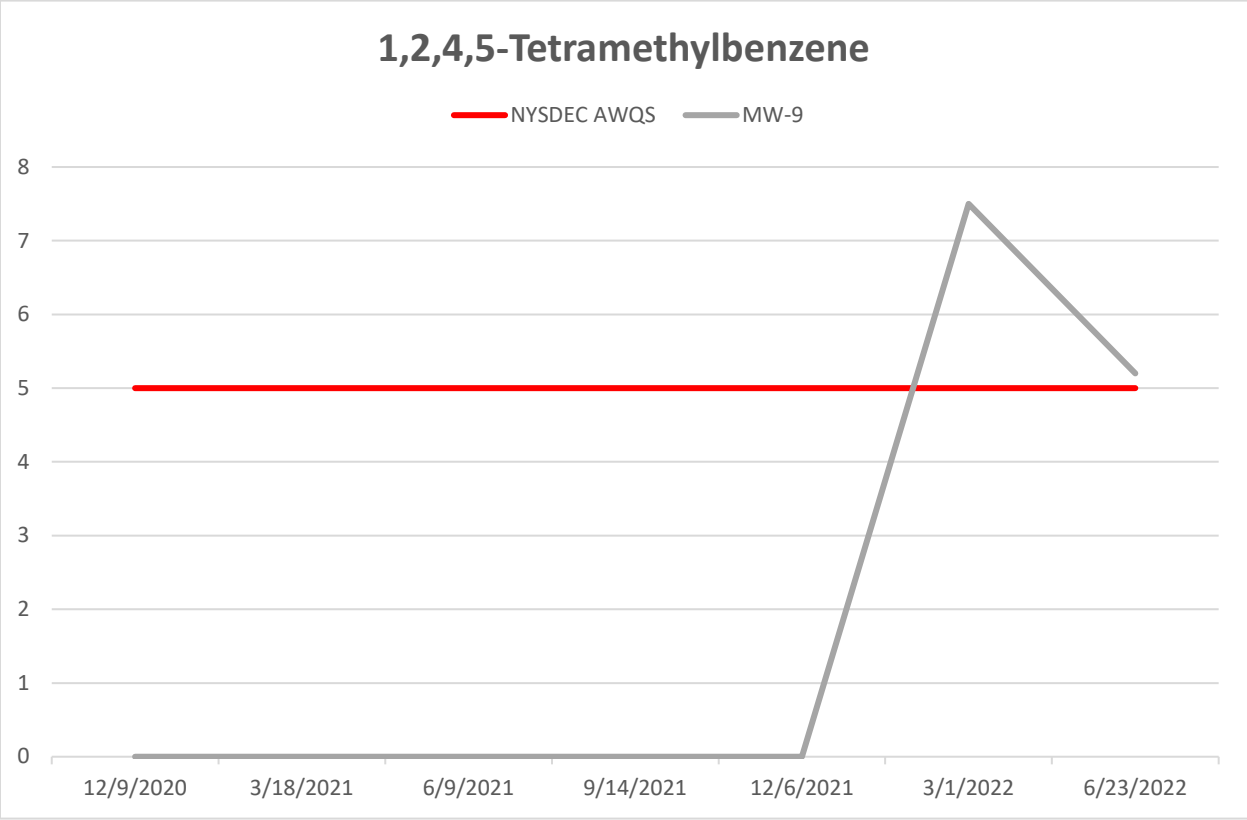

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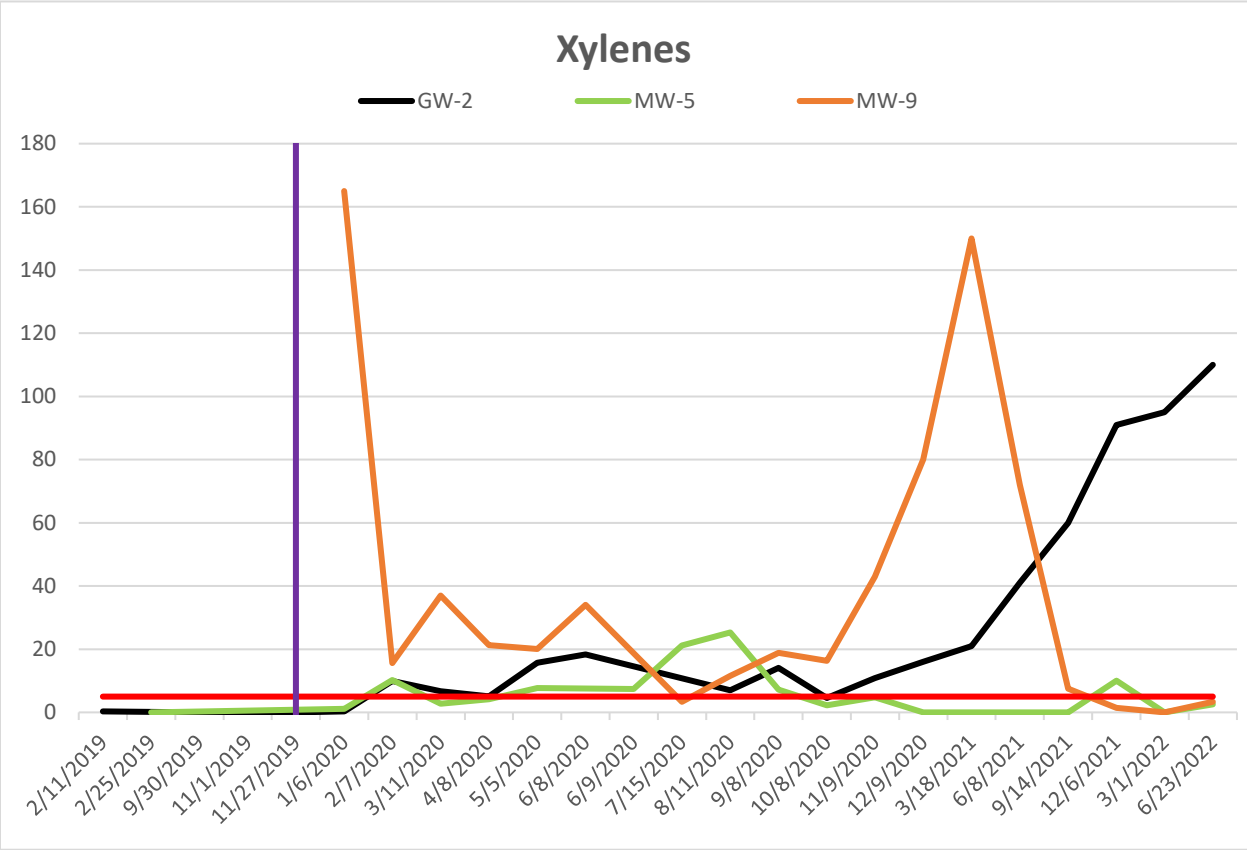

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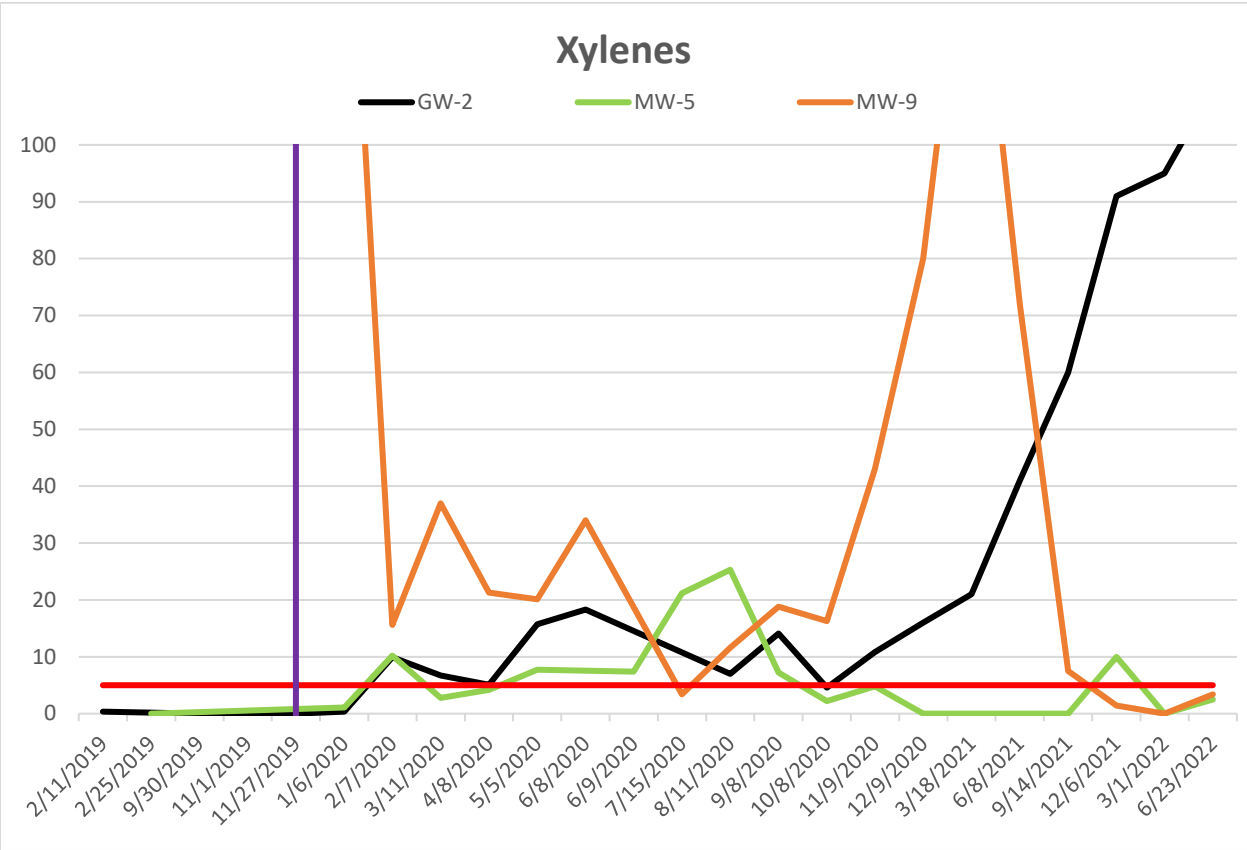

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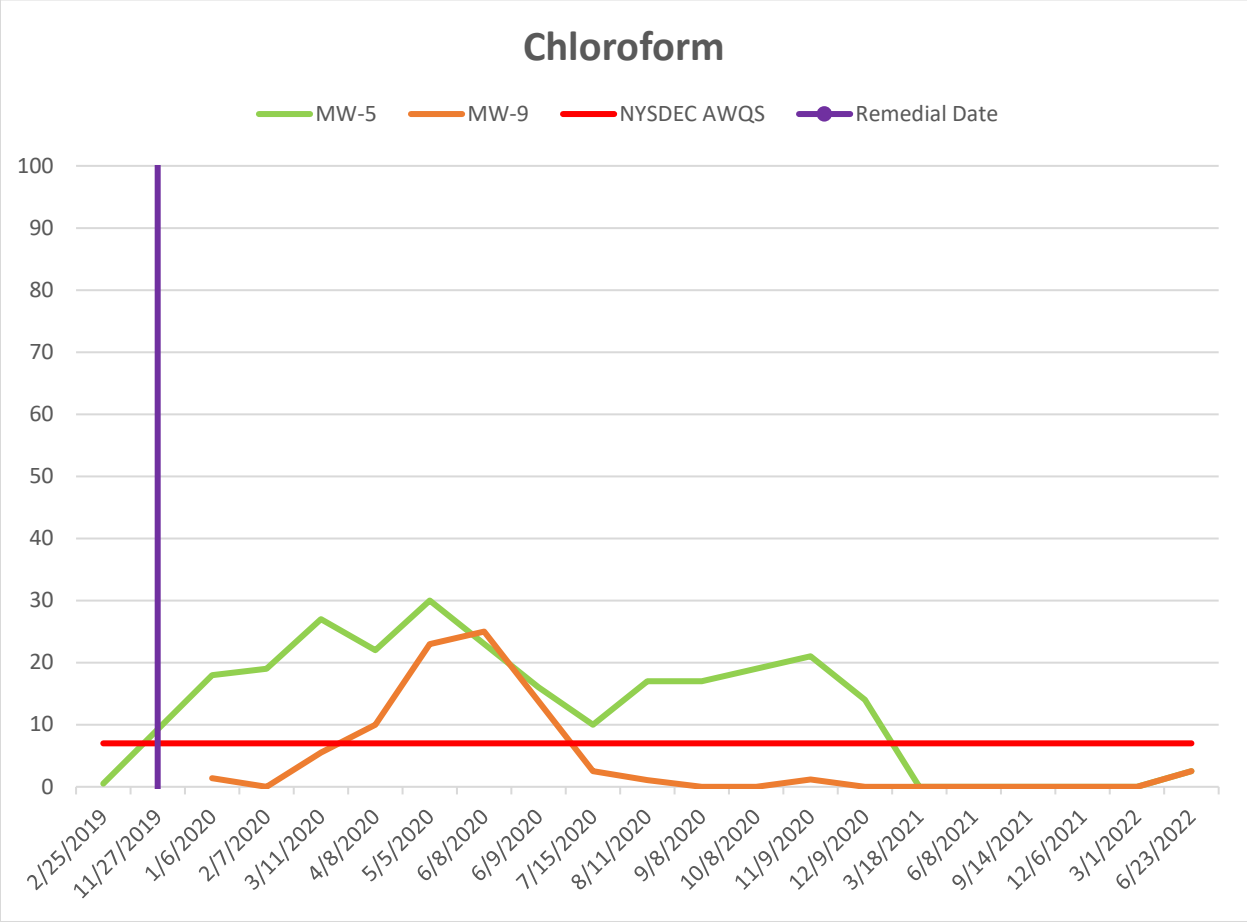

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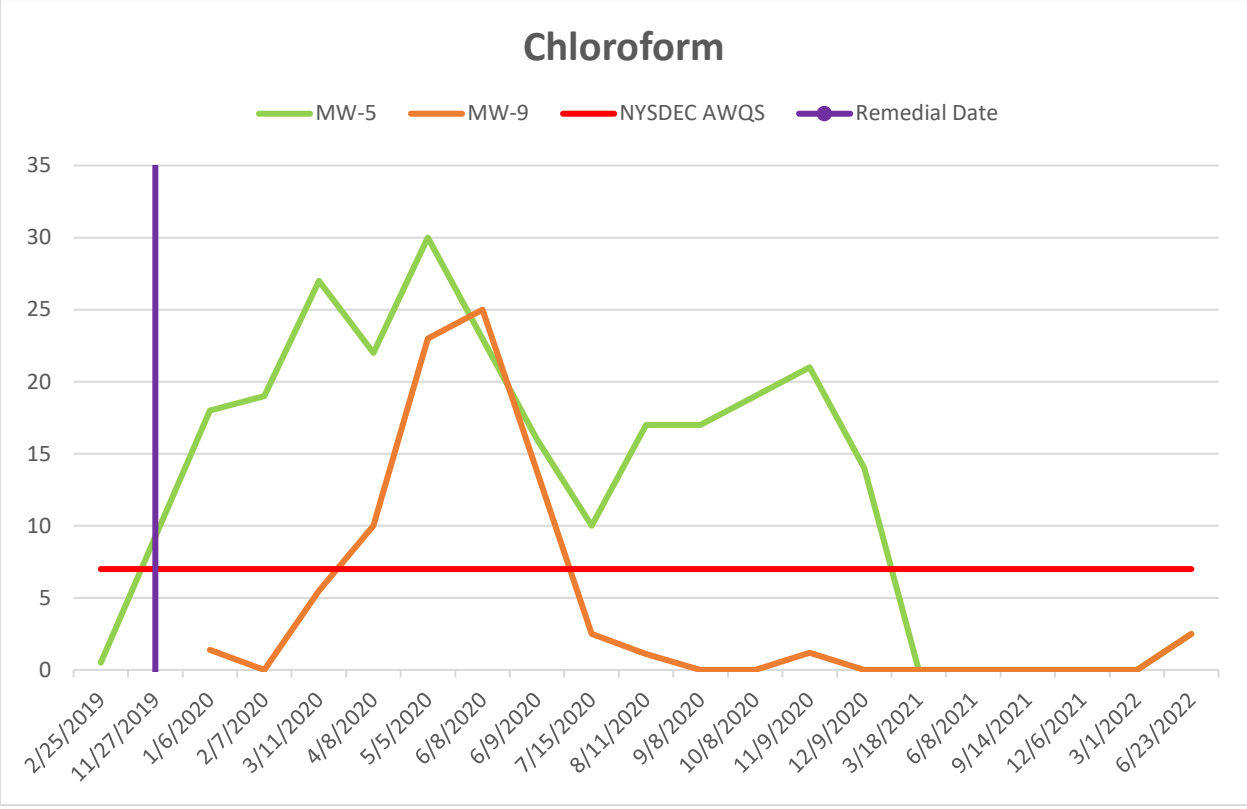

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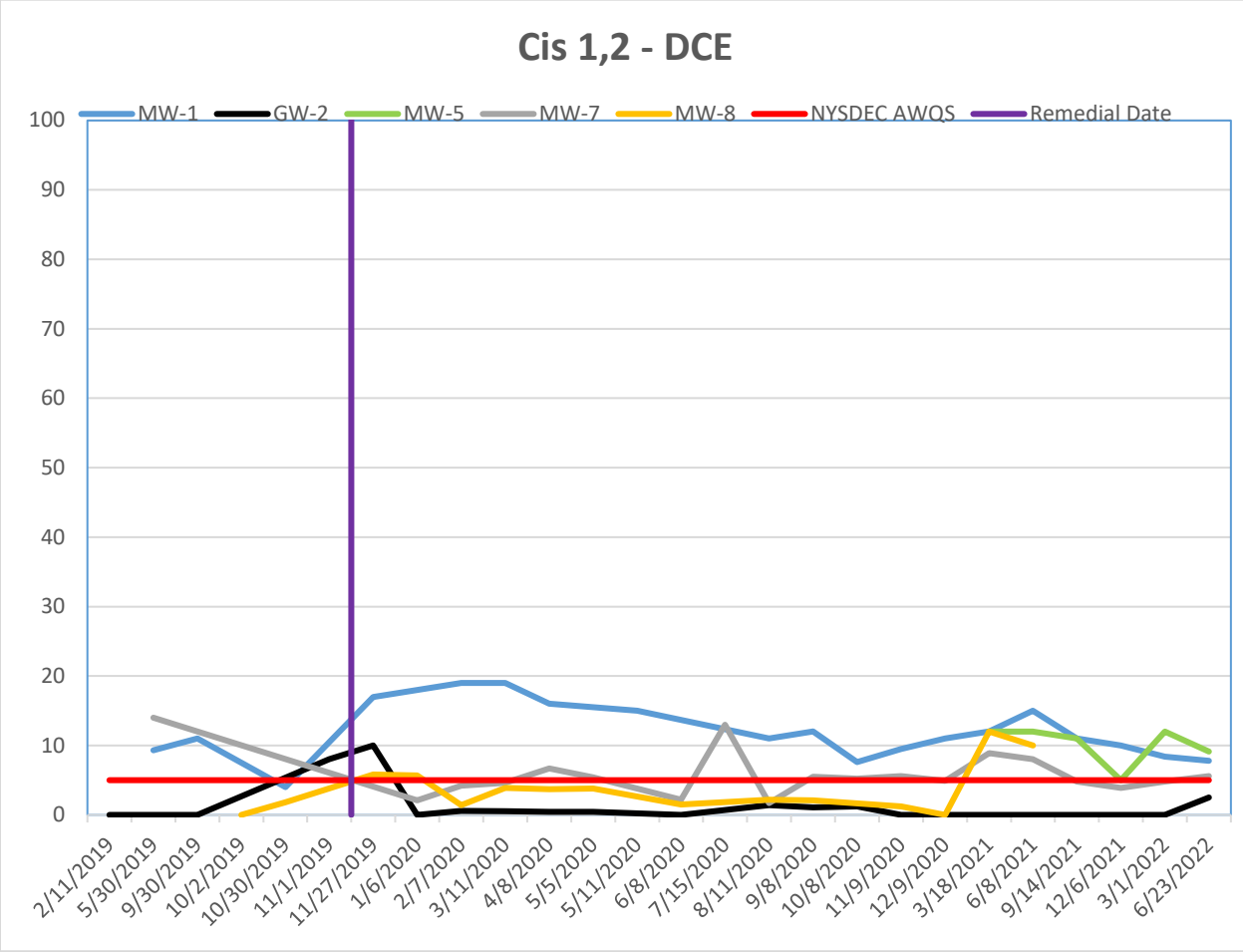

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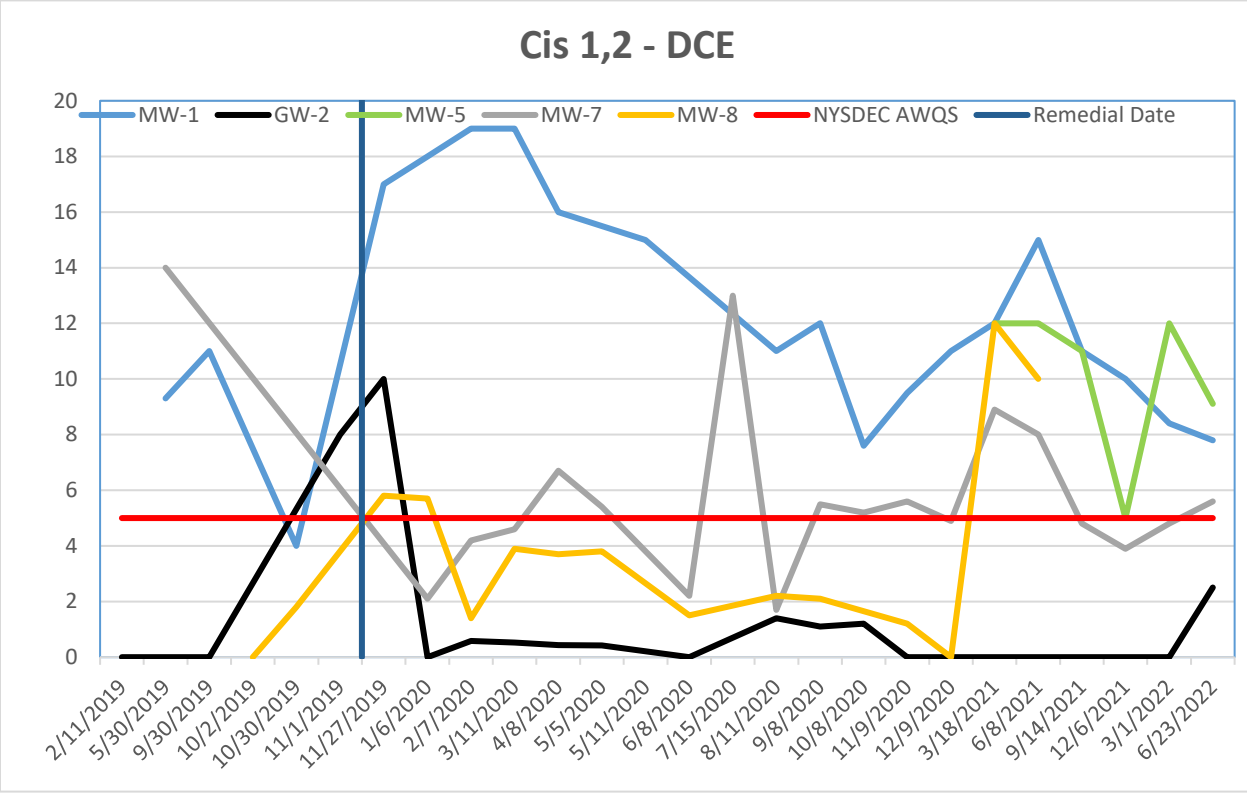

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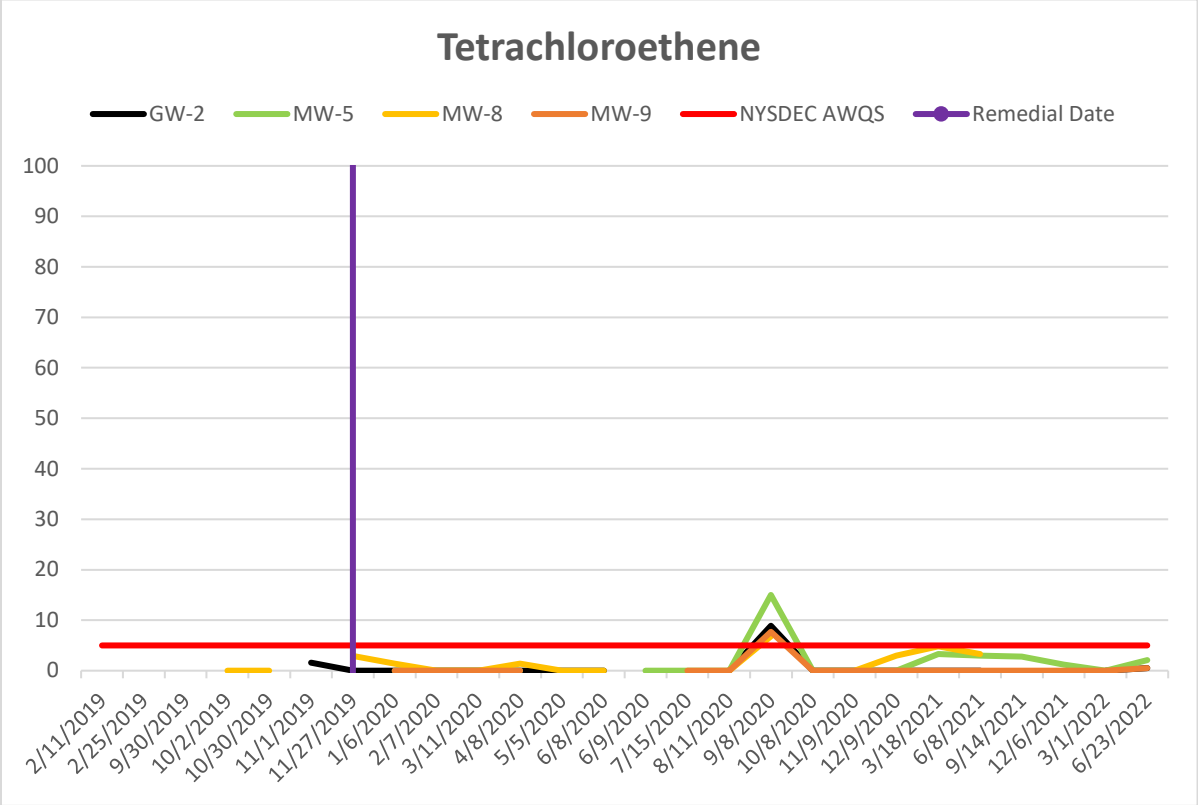

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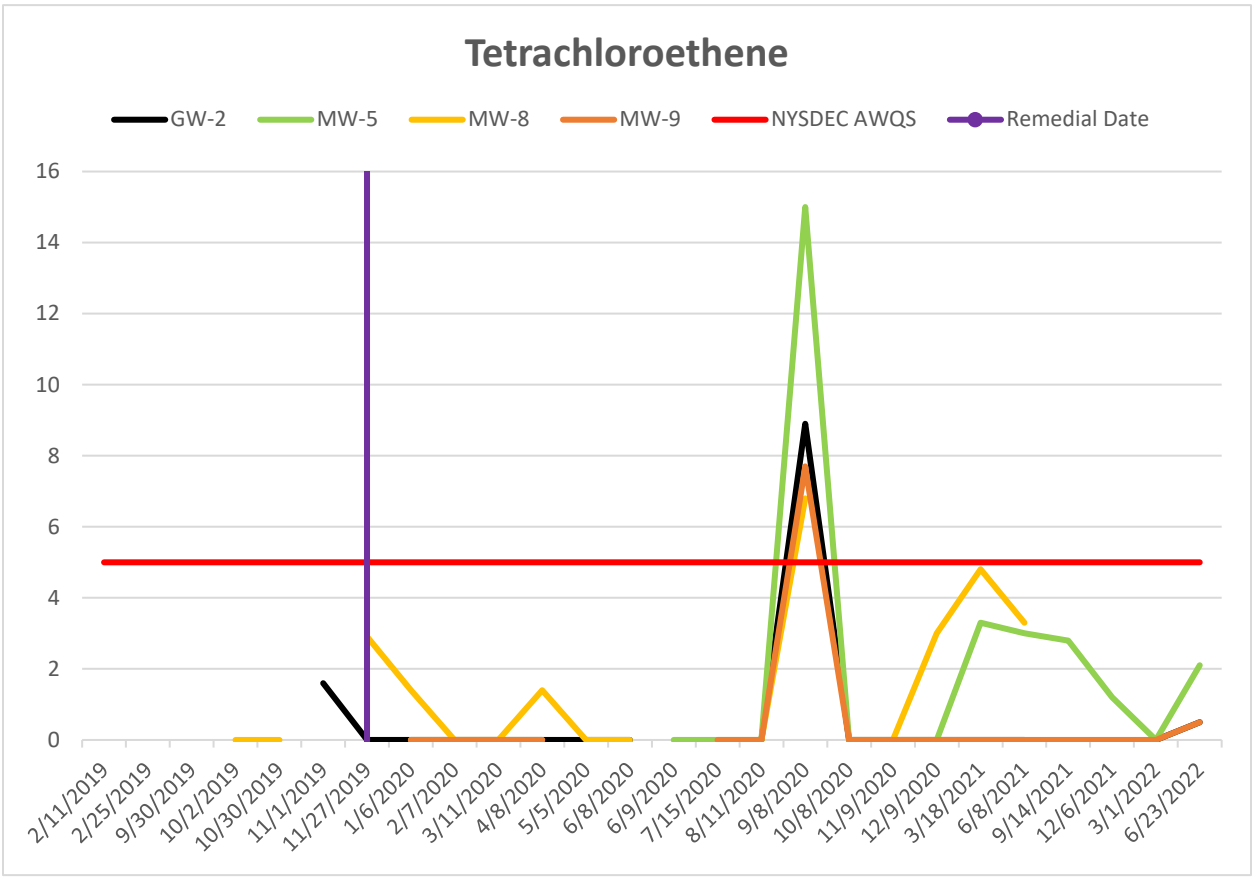

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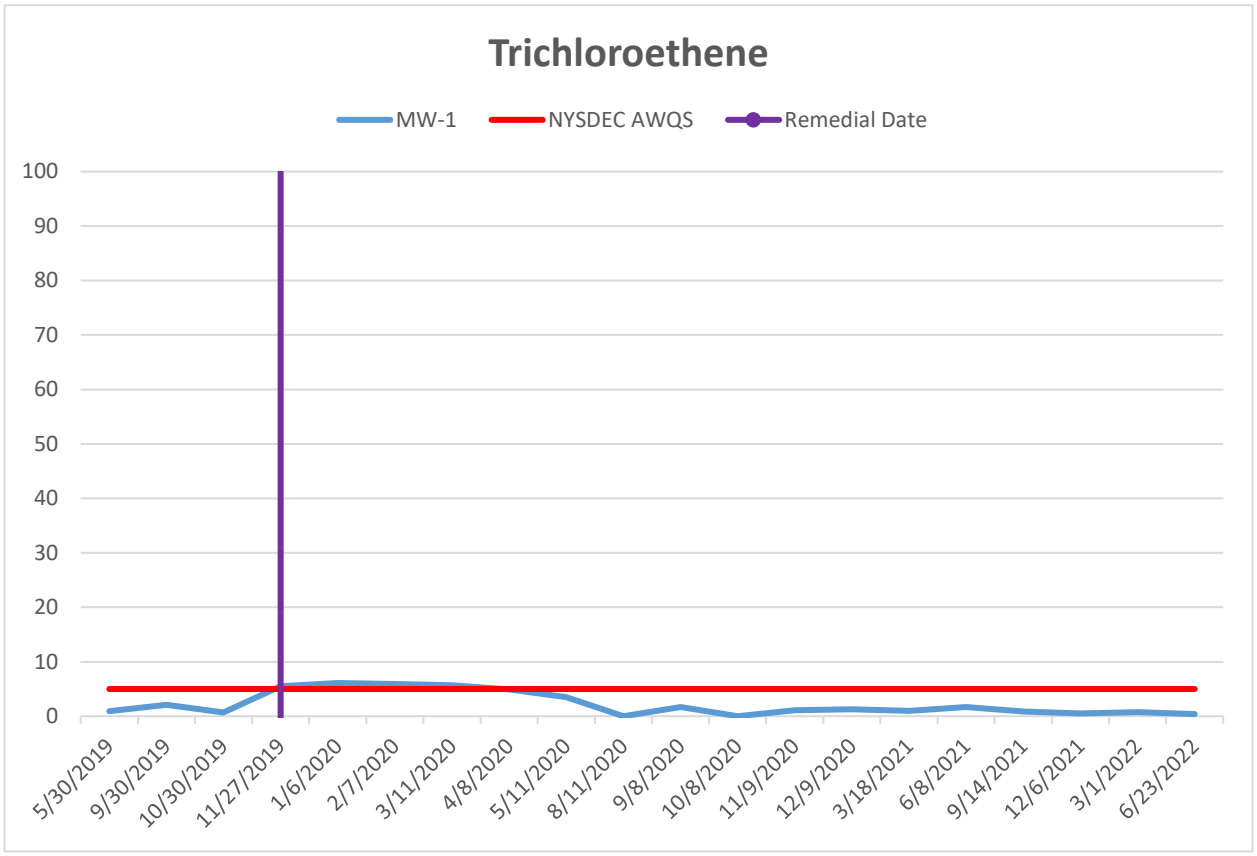

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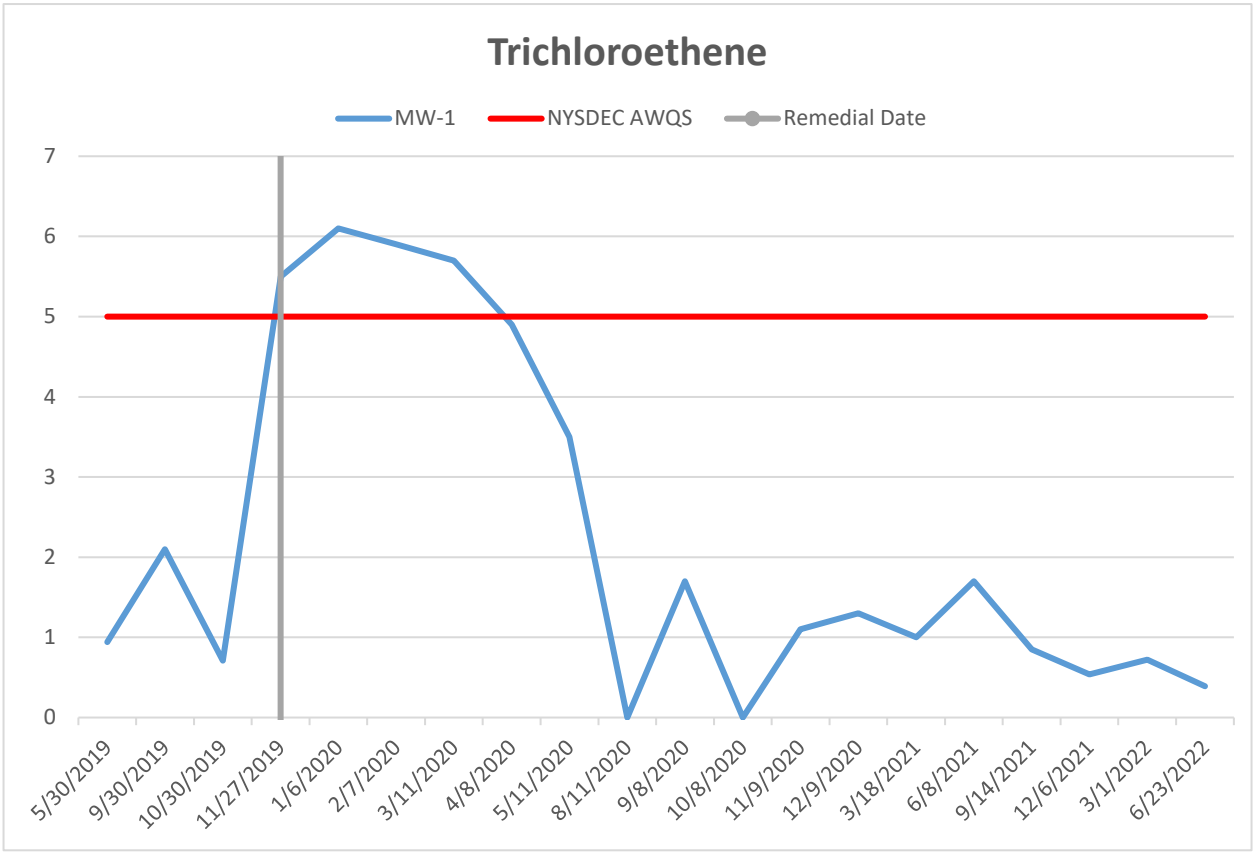

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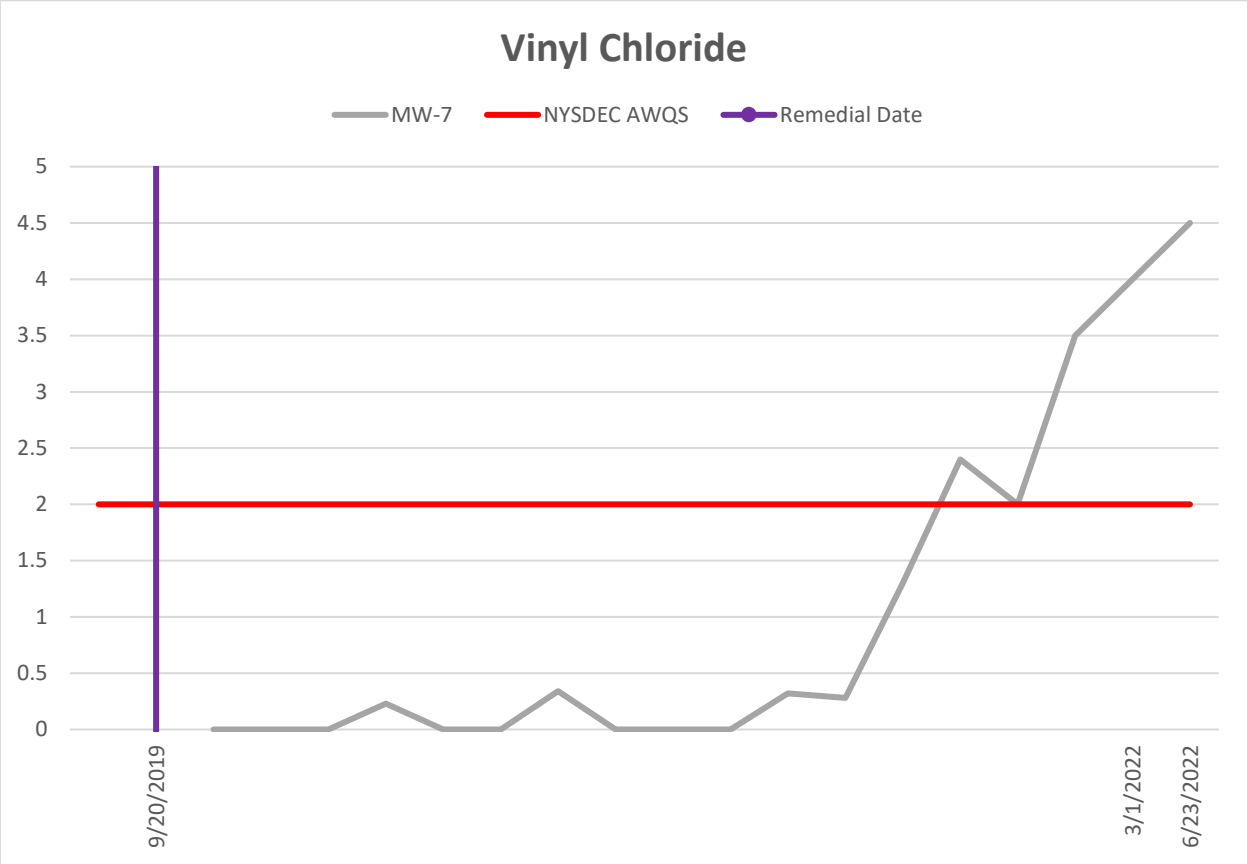

Appendix E:
NYSDEC IC & EC Certification Form

Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. **C360176**

Site Name 14 Le Count Standard Printing

Site Address: 14 Le Count Pl, 455 Main St Zip Code: 10801
City/Town: New Rochelle
County: Westchester
Site Acreage: 0.927

Reporting Period: April 27, 2022 to April 27, 2023

	YES	NO
1. Is the information above correct?	☒	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	☒
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☒
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☒
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☒	☐

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Unrestricted, Residential, Restricted-Residential, Commercial, and Industrial	☒	☐
7. Are all ICs in place and functioning as designed?	☒	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____

SITE NO. C360176 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
1-228-0100	WBLM 14 Le Count Owner LLC	Ground Water Use Restriction Monitoring Plan Site Management Plan IC/EC Plan

Conditional track 1 groundwater sampling plan: groundwater sampling for volatiles and MNA parameters monthly for the first year, quarterly thereafter as outlined in the SMP for five years to certify remedial goals are met for track 1 unrestricted use.

Conditional track 1 sub-slab vapor sampling plan: A soil vapor intrusion evaluation must be performed which will include sampling of soil vapor.

A soil vapor intrusion evaluation must be performed upon change of use of the property that will result in occupancy of a previously unoccupied building or initial occupancy of a new building as determined by NYSDOH and the Department.

1-228-0200	14 Le Count Place LLC	Ground Water Use Restriction Monitoring Plan Site Management Plan IC/EC Plan

Conditional track 1 groundwater sampling plan: groundwater sampling for volatiles and MNA parameters monthly for the first year, quarterly thereafter as outlined in the SMP for five years to certify remedial goals are met for track 1 unrestricted use.

Conditional track 1 sub-slab vapor sampling plan: A soil vapor intrusion evaluation must be performed which will include sampling of soil vapor.

A soil vapor intrusion evaluation must be performed upon change of use of the property that will result in occupancy of a previously unoccupied building or initial occupancy of a new building as determined by NYSDOH and the Department.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
1-228-0100	Monitoring Wells
1-228-0200	Monitoring Wells

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
☒	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

   (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
☒	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. C360176

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I WILLIAM G. BUTLER at 490 BEDFORD ROAD, CHAPPAQUA NY 10514
print name print business address

am certifying as OWNER (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

July 5, 2023
Date

EC CERTIFICATIONS

Box 7

Qualified Environmental Professional Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Fuad Dahan (print name) at 959 Route 46 Parsippany, NJ (print business address),

am certifying as a Qualified Environmental Professional for the Owner (Owner or Remedial Party)

July 5, 2023

Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification	Stamp (Required for PE)	Date