Groundwater Monitoring Report (2nd Quarter 2025)
ServAll Laundry Site (152077)
Bay Shore, New York

prepared for

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

NEW YORK STATE | Department of Environmental Conservation

Prepared by

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August 2025
Version: FINAL
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LIST OF ABBREVIATION AND ACRONYMS

1,1-DCA	1,1-Dichloroethane
1,1-DCE	1,1-Dichloroethene
1,2-DCE	1,2-Dichloroethene
µg/L	Microgram(s) per liter
AWQGV	Ambient Water Quality Guidance Value
AWQS	Ambient Water Quality Standard
DER	Division of Environmental Remediation
DO	Dissolved oxygen
EA	EA Engineering and Geology, P.C.
EPA	U.S. Environmental Protection Agency
mg/L	Milligram(s) per liter
ng/L	Nanograms per liter
No.	Number
NTU	Nephelometric turbidity units
NYSDEC	New York State Department of Environmental Conservation
ORP	Oxidation-reduction potential
PCE	Tetrachloroethene
PE	Professional Engineer
PFAS	Per- and polyfluoroalkyl substances
PFOA	Perfluorooctanoic acid
PFOS	Perfluorooctanesulfonic acid
PG	Professional Geologist
Q2	Second quarter
QA	Quality assurance
QC	Quality control
RI	Remedial investigation
ROD	Record of Decision
SCDHS	Suffolk County Department of Health Services
SMP	Site Management Plan
TCE	Trichloroethene
VOC	Volatile organic compound

1. INTRODUCTION

The New York State Department of Environmental Conservation (NYSDEC) tasked EA Engineering and Geology, P.C. (EA) to perform site management activities at the ServAll Laundry Site (NYSDEC Site Number [No.] 152077), which includes long-term groundwater monitoring and maintenance of the groundwater monitoring well network. The site management activities are being conducted under the NYSDEC Division of Environmental Remediation (DER) Contract Work Assignment No. D009806-34.

This report provides a summary of groundwater sampling performed in the second quarter (Q2) of 2025. Groundwater sampling was completed in accordance with the applicable guidelines and requirements of NYSDEC, EA's Generic Field Activities Plan (EA 2023), EA's Generic Health and Safety Plan (EA 2024), and EA's Generic Quality Assurance Project Plan (EA 2020).

1.1 BACKGROUND

The ServAll Laundry Site is in Bay Shore, Suffolk County, New York, **(Figure 1).** The Site is approximately 0.2-acres and is bound by Drayton Avenue to the north, Frederick Avenue to the south, Genesis Specialty Bakery (12 Drayton Avenue) to the east, and 1595 5th Avenue (currently an empty lot) to the west. The owner of the site parcel at the time of issuance of this groundwater report is 8 Drayton Avenue LLC.

The ServAll Uniform Rental, Inc. operated as a commercial laundry from 1969 to 1972 and as a dry cleaner and laundry from 1972 to 1984. During this time, unknown quantities of wash-water overflow containing tetrachloroethene (PCE) and heavy metals were pumped to and occasionally overflowed from on-site cesspools.

In 1978 and 1983, the Suffolk County Department of Health Services (SCDHS) conducted on-site sampling of cesspools and storm drains (SCDHS, 1978, 1983). A state-funded remedial investigation (RI) and feasibility study was completed at the Site in 1991 (E.C. Jordon Co.). Investigation results confirmed the presence of 1,2-Dichloroethene (1,2-DCE), 1,1-Dichloroethane (1,1-DCA), Trichloroethene (TCE), PCE and vinyl chloride in groundwater; delineated the groundwater plume and quantified on-site contamination. The RI concluded the groundwater plume appeared to be moving at approximately 443 to 484 feet per year from 1974 to 1988, and 355 feet per year from 1988 to 1991 (E.C. Jordan Co. 1992). A Record of Decision (ROD) was issued by the NYSDEC for the Site on 31 March 1992.

The remedy presented in the ROD (NYSDEC 1992) was in-situ source soil treatment/source area groundwater extraction. The contaminants of concern (COCs) were identified as PCE and TCE in surface soil; PCE, TCE, 1,1-Dichloroethene (1,1-DCE), toluene and bis(2-ethylhexyl) phthalate in subsurface soil; and PCE, TCE, 1,2-DCE (total), 1,1-DCE, 1,1-dichloroethane and vinyl chloride in groundwater. The remedial goal for groundwater is to reduce the concentrations of COCs to below New York State groundwater standards, to the extent technically feasible.

Per NYSDEC Technical Guidance for Site Investigation and Remediation (DER-10), site closure will be considered when:

- Monitoring results demonstrate contaminant concentrations along the centerline of the plume have sufficiently decreased,
- The contaminant plume length is demonstrated to be stable or shrinking,
- And contaminant levels in the sentinel wells have not exceeded groundwater cleanup levels at any time during the monitoring program.

1.2 OBJECTIVES

Groundwater monitoring is being conducted at the Site, as required by the NYSDEC, in accordance with the Site Management Plan (SMP) (EA 2024) to evaluate the impact of remaining contamination on public health and the environment. The SMP calls for sampling of groundwater every 15 months until concentrations of PCE, TCE, 1,2-DCE (total), 1,1-DCE, 1,1-DCA and vinyl chloride are less than their respective Ambient Water Quality Standards (AWQS). Monitoring well locations are shown on **Figure 2.** The site-wide monitoring well network consists of:

- Three upgradient monitoring wells: MW-2, MW-3A, and MW-3B (located immediately across Drayton Avenue from the Site, on the northern side)
- Five source area monitoring wells: MW-1 (located on-site, behind the building at 8 Drayton Ave.), MW-4, MW-5, MW-6A, and MW-6B (located immediately south of the Site along Frederick Avenue).
- Three downgradient monitoring wells: MW-12, (located along the Southern State Parkway, approximately 3,000 feet south of the Site); MW-11 (located in the Bay Shore Middle School athletic fields); and MW-16 (located on Abrew Street, south of the Middle School).
- Two sentinel wells: MW-23S and MW-23D (located south of Sunrise Highway on Perkal Street, approximately 7,600 feet south of the Site).

At the request of the NYSDEC, EA submitted a workplan to describe abandonment of several wells that consistently meet AWQS for site-related contaminants (EA 2025). The wells proposed for abandonment were not sampled for this report, at the direction of NYSDEC. These wells are MW-1, MW-2, MW-3A, MW-3B, MW-4, MW-5, MW-13, and MW-14.

An auxiliary objective for this groundwater sampling event was to clear a suspected obstruction from MW-16 preventing bladder pumps from being placed at the desired mid-screen depth. The obstruction was found to be tubing, and the obstruction was cleared, which allowed for sampling of the well as part of the March 2025 sampling.

This report presents the results of the Q2 2025 sampling events.

2. FIELD ACTIVITIES

2.1 GROUNDWATER MONITORING

EA conducted groundwater sampling on 19 and 20 March 2025 Following the shipment of coolers to the lab on 20 March 2025, FedEx mishandled the cooler containing volatile organic compound (VOC) samples, and the cooler's final tracking location was shown as lost at the Newark airport ground hub. The remaining coolers containing the Per- and polyfluoroalkyl substances (PFAS) and 1,4-Dioxane samples arrived at the lab successfully. The loss of the cooler containing the VOC samples necessitated a second field event to collect new VOC samples. The second event took place on 21 April 2025. Water levels and water quality parameters were recorded on groundwater sampling purge forms and are presented in **Appendix A**, while daily field reports and equipment calibration forms are provided in **Appendix B**.

Groundwater purging and sampling was conducted using U.S. Environmental Protection Agency (EPA) low-flow sampling techniques. Wells were purged using bladder pump or peristaltic pumps with a flow rate of approximately 0.25 liters per minute. Dedicated high-density polyethylene tubing was used at each monitoring well location.

Water quality parameters, including temperature, pH, conductivity, dissolved oxygen (DO), oxidation-reduction potential (ORP), and turbidity, were monitored at 5-minute intervals throughout purging using a Horiba U-52 water quality meter equipped with a flow-through cell. Sampling instruments were calibrated daily prior to starting sampling activities, and calibration checks were conducted as needed throughout each day of sampling.

Purging was considered complete when the indicator parameters had stabilized over three consecutive readings, indicating formation water was being drawn. Stabilization requirements were as follows:

- pH: ± 0.1 standard unit
- Specific conductivity: ± 3 percent
- DO: ± 10 percent (mg/L) for values greater than 0.5 mg/L or 3 readings less than 0.5 mg/L
- ORP: ± 10 millivolts
- Turbidity: less than 10 nephelometric turbidity units (NTU) or ± 10 percent for readings greater than 5 NTU

Following stabilization of groundwater field parameters, the flow-through cell was disconnected from the dedicated sample tubing. Groundwater samples were collected directly from the tubing into laboratory supplied sample containers containing appropriate preservatives. Quality assurance (QA)/quality control (QC) samples collected for groundwater samples included one matrix spike/matrix spike duplicate, one field duplicate, two field blanks, and two equipment

blanks. Each groundwater sample was collected for laboratory analysis of volatile organic compounds (VOCs) by EPA Method 8260D, PFAS by EPA Method 1633, and 1,4-dioxane by EPA Method 8270 selected ion monitoring.

Samples were placed on ice in sample coolers immediately after collection to ensure proper preservation. Pertinent sample information was recorded on the associated chain-of-custody (**Appendix C**), and samples were shipped overnight, via FedEx, to SGS North America Inc. in Dayton, New Jersey, under secure chain-of-custody protocol. The exception to this is the cooler described above as mishandled and lost by FedEx. Groundwater levels and well depths were recorded at each well following completion of PFAS and 1-4 dioxane sampling on 20 March 2025, using an electronic water level meter and recorded. During the resampling event for VOCs on 21 April 2025, groundwater and well depth measurements were recorded prior to sampling. Measurements were recorded to the nearest hundredth of a foot from a designated measuring point on top of the inner polyvinyl chloride well casing. A groundwater elevation contour map based on the 20 March 2025 well gauging is presented as **Figure 3**.

Purge water generated during sampling activities was pumped through activated carbon and discharged to the ground surface. Expendable materials used during the investigation (i.e., used tubing, nitrile gloves, etc.) were double-bagged and disposed of as general debris.

3. GROUNDWATER ANALYTICAL RESULTS

Analytical results for this sampling event are summarized in **Table 1** and **Table 2** and discussed in the subsections below. Groundwater analytical results were compared against applicable AWQS for VOCs and Ambient Water Quality Guidance Values (AWQGV) for PFAS compounds.

3.1 VOLATILE ORGANIC COMPOUNDS

PCE, TCE, 1,2-DCE (total), 1,1-DCE, 1,1-dichloroethane and vinyl chloride, are the Site COCs; however, the text and figures of this report will focus on PCE, TCE, 1,2-DCE and vinyl chloride, as the other Site COCs have shown very low detections or no exceedances for many years (See **Table 1**).

Various VOCs were detected in groundwater samples collected during the April 2025 sampling event. The following analytes were detected above the AWQS:

- PCE (AWQS is 5 µg/L):
  - MW-6B (130 µg/L)
  - MW-12 (8.2 µg/L)
  - MW-23S (76.2 µg/L)
- TCE (AWQS is 5 µg/L):
  - MW-6B (6.3 µg/L)
  - MW-12 (6 µg/L)
- cis 1,2 DCE (AWQS is 5 µg/L):
  - MW-6B (16.9 µg/L)

A summary of analytical results for VOCs is presented in **Table 1**. VOCs that exceeded the AWQS are depicted on **Figure 4**. This figure also shows available data from the three most recent sampling events for any individual well as a way of providing some context for trend analyses. For a more robust trend analysis, please refer to **Appendix D** for chlorinated VOC trend plots for the wells sampled in the April 2025 sampling event and Section 3.3 below. Gaps in data between 2018 and 2023 were filled from unverified data that were pulled from reports from the previous contractor (AECOM 2021).

3.2 PFAS AND 1,4-DIOXANE

Various PFAS compounds, and 1,4-dioxane were detected in groundwater samples collected during the March 2025 sampling event. These results are as presented in **Table 2** and on **Figure 5**. Of the PFAS compounds, only perfluorooctanesulfonic acid (PFOS) and perfluorooctanoic acid (PFOA) have exceedances of the AWQGV.

- PFOS (AWQGV is 2.7 nanograms per liter ng/L):
  - MW-6A (20.1 ng/L)
  - MW-6B (278 ng/L)
  - MW-11 (17.4 ng/L)
  - MW-12 (20.9 ng/L)
  - MW-23D (19.8 ng/L)
  - MW-23S (6.2 ng/L)
- PFOA (AWQGV is 6.7 ng/L):
  - MW-6A (12.7 ng/L)
  - MW-6B (343 ng/L)
  - MW-11 (15.3ng/L)
  - MW-12 (12.5 ng/L)
  - MW-23D (12.2 ng/L)
  - MW-23S (9.2 ng/L)
- 1,4-dioxane (AWQS is 0.35 µg/L):
  - MW-11 (1.25 µg/L)
  - MW-23D (0.763 µg/L)

3.3 HISTORICAL TRENDS

The results from the April 2025 sampling event indicate continued exceedances of PCE and TCE at the end points of the plume. Some key observations are:

- The persistence of exceedances near the source area, represented in MW-6B. The relatively shallow well, MW-6B, is the screened at 25-35 feet below grade, versus the relatively deeper MW-6A, which is screened from 53-63 feet below grade.
- Exceedances of PCE and TCE at MW-12 are now trending downward, following elevated results witnessed in sampling events of 2021 and 2023. MW-11, MW-16 results have been attenuating steadily and are below or only slightly above the AWQS.
- The persistence of PCE exceedances in the most down-dip, monitored area, represented in MW-23S. The three most recent results for PCE between 2021 and 2025 have been: 89 µg/L,102 µg/L, and 76.2 µg/L. The relatively shallow well, MW-23S, is screened at 66-69 feet below grade, versus the relatively deeper MW-23D, which is screened from 83-88 feet below grade.

The results from the March sampling event indicate stable or declining values of PFAS compounds at all currently sampled locations, except for MW-6B. PFOS results from MW-6B between September 2017 and March 2025 increased from 11.1 ng/L to 278 ng/L, while PFOA results across the same time span increased from 10.1 ng/L to 343 ng/L.

PFOS and PFOA exceedances were observed in 6 of the 7 wells sampled during the March 2025 sampling event. No historical trends can be drawn, due to lack of historical sampling data for PFOS and PFOA at the Site.

Exceedances of 1,4-Dioxane were observed at MW-11 and MW-23D during the March 2025 sampling event. No historical trends can be drawn, due to the lack of historical sampling data of 1,4-dioxane at this Site.

4. CONCLUSION AND RECOMMENDATIONS

The Q2 2025 groundwater analytical results indicate PCE concentrations continue to remain elevated above the AWQS of (5 µg/L) in monitoring wells MW-6B, MW-12, and MW-23S. Concentrations of TCE continue to remain elevated above the AWQS of (5 µg/L) in monitoring well MW-6B and MW-12. In addition, concentrations of PFOS and PFOA are above the AWQGV (2.7 ng/L and 6.7 ng/L, respectively) in six of the seven wells (all except MW-16) sampled in Q2 2025. EA recommends the following:

- Perform well abandonment per the 18 April Well Abandonment Work Plan.
- Preparation of the next Periodic Review Report, which will include a description and analysis of all activities performed between 15 March 2021 and 15 March 2026.
- Continue periodic groundwater sampling for VOCs, PFAS, and 1,4-dioxane.
- Revise the SMP after well abandonment is complete.

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TABLES

Table 1. Historical Analytical Results for VOCs

Location			MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2
Sample Name			SL-MW-1	SL-MW-1	MW-1	SL-MW-1	SL-MW-51 MW-1_20150323	SL-MW-1	MW-1	152077-MW-01-10162023	SL-MW-2	MW-02	SL-MW-2	SL-MW-2	MW2	SL-MW-2
Parent Sample Name																
Sample Date			2/3/2010	8/22/2012	11/12/2013	3/23/2015	3/23/2015	5/10/2016	9/21/2017	10/16/2023	11/14/2008	2/4/2010	5/11/2011	8/22/2012	11/12/2013	3/23/2015
Analyte	NYSDEC AWQS[1]	Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
VOCs (SW8260/SW8260C)																
1,1,1,2-Tetrachloroethane	5	µg/L	< 0.28 U	< 0.41 U	NA	NA	NA	NA	NA	NA	< 0.45 U	< 0.28 U	< 0.41 U	< 0.41 U	NA	NA
1,1,1-Trichloroethane (TCA)	5	µg/L	< 0.18 U	< 0.50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.54 U	< 0.41 U	< 0.18 U	< 0.50 U	< 0.50 U	< 1 U	< 1 U
1,1,2,2-Tetrachloroethane	5	µg/L	< 0.23 U	< 0.42 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.65 U	< 0.39 U	< 0.23 U	< 0.42 U	< 0.42 U	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.58 U	NA	NA	NA	NA	< 1 U	< 1 U
1,1,2-Trichloroethane	1	µg/L	< 0.29 U	< 0.38 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.53 U	< 0.51 U	< 0.29 U	< 0.38 U	< 0.38 U	< 1 U	< 1 U
1,1-Dichloroethane	5	µg/L	< 0.24 U	< 0.25 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.57 U	< 0.4 U	< 0.24 U	< 0.25 U	< 0.25 U	< 1 U	< 1 U
1,1-Dichloroethene	5	µg/L	< 0.64 U	< 0.39 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.59 U	< 0.57 U	< 0.64 U	< 0.39 U	< 0.39 U	< 1 U	< 1 U
1,1-Dichloropropene	5	µg/L	< 0.38 U	< 0.50 U	NA	NA	NA	NA	NA	NA	< 0.73 U	< 0.38 U	< 0.50 U	< 0.50 U	NA	NA
1,2,3-Trichlorobenzene	5	µg/L	< 0.45 U	< 0.33 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.50 U	< 0.5 U	< 0.45 U	< 0.33 U	< 0.33 U	< 1 U	< 1 U
1,2,3-Trichloropropane	0.04	µg/L	< 0.72 U	< 0.82 U	NA	NA	NA	NA	NA	NA	< 0.84 U	< 0.72 U	< 0.82 U	< 0.82 U	NA	NA
1,2,4-Trichlorobenzene	5	µg/L	< 0.39 U	< 0.26 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.50 U	< 0.49 U	< 0.39 U	< 0.26 U	< 0.26 U	< 1 U	< 1 U
1,2,4-Trimethylbenzene	5	µg/L	< 0.15 U	< 0.40 U	NA	NA	NA	NA	NA	NA	< 0.42 U	< 0.15 U	< 0.40 U	< 0.40 U	NA	NA
1,2-Dibromo-3-Chloropropane	0.04	µg/L	< 0.35 U	< 0.75 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.53 U	< 0.72 U	< 0.35 U	< 0.75 U	< 0.75 U	< 1 U	< 1 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	µg/L	< 0.31 U	< 0.50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.48 U	< 0.3 U	< 0.31 U	< 0.50 U	< 0.50 U	< 1 U	< 1 U
1,2-Dichlorobenzene	3	µg/L	< 0.24 U	< 0.33 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.53 U	< 0.39 U	< 0.24 U	< 0.33 U	< 0.33 U	< 1 U	< 1 U
1,2-Dichloroethane	0.6	µg/L	< 0.16 U	< 0.41 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.60 U	< 0.33 U	< 0.16 U	< 0.41 U	< 0.41 U	< 0.5 U	< 0.5 U
1,2-Dichloroethane-D4	NSL	µg/L	47.727 N	NA	NA	NA	NA	NA	NA	NA	49.795 N	46.999 N	NA	NA	NA	NA
1,2-Dichloropropane	1	µg/L	< 0.24 U	< 0.61 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.51 U	< 0.72 U	< 0.24 U	< 0.61 U	< 0.61 U	< 1 U	< 1 U
1,3,5-Trimethylbenzene (Mesitylene)	5	µg/L	< 0.12 U	< 0.45 U	NA	NA	NA	NA	NA	NA	< 0.31 U	< 0.12 U	< 0.45 U	< 0.45 U	NA	NA
1,3-Dichlorobenzene	3	µg/L	< 0.19 U	< 0.29 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.54 U	< 0.36 U	< 0.19 U	< 0.29 U	< 0.29 U	< 1 U	< 1 U
1,3-Dichloropropane	5	µg/L	< 0.26 U	< 0.22 U	NA	NA	NA	NA	NA	NA	< 0.6 U	< 0.26 U	< 0.22 U	< 0.22 U	NA	NA
1,4-Dichlorobenzene	3	µg/L	< 0.24 U	< 0.40 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.51 U	< 0.37 U	< 0.24 U	< 0.40 U	< 0.40 U	< 1 U	< 1 U
2,2-Dichloropropane	5	µg/L	< 0.22 U	< 0.30 U	NA	NA	NA	NA	NA	NA	< 0.35 U	< 0.22 U	< 0.30 U	< 0.30 U	NA	NA
2-Chlorotoluene	NSL	µg/L	< 0.3 U	< 0.54 U	NA	NA	NA	NA	NA	NA	< 0.53 U	< 0.3 U	< 0.54 U	< 0.54 U	NA	NA
2-Hexanone	50	µg/L	< 1.1 U	< 1.7 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 4.8 U	< 1.7 U	< 1.1 U	< 1.7 U	< 1.7 U	< 1 U	< 1 U
4-Chlorotoluene	5	µg/L	< 0.43 U	< 0.45 U	NA	NA	NA	NA	NA	NA	< 0.71 U	< 0.43 U	< 0.45 U	< 0.45 U	NA	NA
Acetone	50	µg/L	< 4.6 U	< 2.2 U	< 10 U	< 5 U	< 5 U	< 5 U	< 5 U	< 3.1 U	< 4.6 U	< 4.6 U	< 2.2 U	< 2.2 U	< 10 U	< 5 U
Benzene	1	µg/L	< 0.12 U	< 0.33 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.43 U	1.7 J	< 0.12 U	< 0.33 U	< 0.33 U	< 0.5 U	< 0.5 U
Bromobenzene	5	µg/L	< 0.37 U	< 0.36 U	NA	NA	NA	NA	NA	NA	< 0.35 U	< 0.37 U	< 0.36 U	< 0.36 U	NA	NA
Bromochloromethane	5	µg/L	< 0.3 U	< 0.43 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.48 U	< 0.35 U	< 0.3 U	< 0.43 U	< 0.43 U	< 1 U	< 1 U
Bromodichloromethane	50	µg/L	< 0.2 U	< 0.26 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.45 U	< 0.43 U	< 0.2 U	< 0.26 U	< 0.26 U	< 1 U	< 1 U
Bromoform	50	µg/L	< 0.44 U	< 0.77 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.63 U	< 0.27 U	< 0.44 U	< 0.77 U	< 0.77 U	< 1 U	< 1 U
Bromomethane	5	µg/L	< 0.74 U	< 0.80 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.6 U	< 0.77 U	< 0.74 U	< 0.80 U	< 0.80 U	< 1 U	< 1 U
Carbon Disulfide	60	µg/L	< 0.34 U	< 0.34 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.8 U	< 0.25 U	< 0.34 U	< 0.34 U	< 0.34 U	< 1 U	< 1 U
Carbon Tetrachloride	5	µg/L	< 0.11 U	< 0.54 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.55 U	< 0.37 U	< 0.11 U	< 0.54 U	< 0.54 U	< 1 U	< 1 U
Chlorobenzene	5	µg/L	< 0.23 U	< 0.26 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.56 U	< 0.32 U	< 0.23 U	< 0.26 U	< 0.26 U	< 1 U	< 1 U
Chloroethane	5	µg/L	< 0.89 U	< 0.48 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.73 U	< 0.75 U	< 0.89 U	< 0.48 U	< 0.48 U	< 1 U	< 1 U
Chloroform	7	µg/L	< 0.3 U	< 0.33 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.50 U	< 0.4 U	< 0.3 U	< 0.33 U	< 0.33 U	< 1 U	< 1 U
Chloromethane (Methyl Chloride)	5	µg/L	< 0.54 U	< 0.26 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.76 U	< 0.44 U	< 0.54 U	< 0.26 U	< 0.26 U	< 1 U	< 1 U
Cis-1,2-Dichloroethylene	5	µg/L	2.3 J	1.2 J	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	0.67 J	< 0.59 U	< 0.34 U	< 0.48 U	< 0.48 U	< 1 U	< 1 U
Cis-1,3-Dichloropropene	0.4	µg/L	< 0.22 U	< 0.45 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.47 U	< 0.46 U	< 0.22 U	< 0.45 U	< 0.45 U	< 1 U	< 1 U
Cyclohexane	NSL	µg/L	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.78 U	NA	NA	NA	NA	< 1 U	< 1 U
Cymene	5	µg/L	< 0.17 U	< 0.46 U	NA	NA	NA	NA	NA	NA	< 0.46 U	< 0.17 U	< 0.46 U	< 0.46 U	NA	NA
Dibromochloromethane	50	µg/L	< 0.2 U	< 0.57 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.56 U	< 0.33 U	< 0.2 U	< 0.57 U	< 0.57 U	< 1 U	< 1 U
Dibromofluoromethane	NSL	µg/L	47.557 N	NA	NA	NA	NA	NA	NA	NA	48.433 N	49.003 N	NA	NA	NA	NA
Dibromomethane	5	µg/L	< 0.26 U	< 0.49 U	NA	NA	NA	NA	NA	NA	< 0.76 U	< 0.26 U	< 0.49 U	< 0.49 U	NA	NA
Dichlorodifluoromethane	5	µg/L	< 0.47 U	< 0.66 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.56 U	< 0.77 U	< 0.47 U	< 0.66 U	< 0.66 U	< 1 U	< 1 U
Ethylbenzene	5	µg/L	< 0.23 U	< 0.35 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.60 U	< 0.33 U	< 0.23 U	< 0.35 U	< 0.35 U	< 1 U	< 1 U
Hexachlorobutadiene	0.5	µg/L	< 0.41 U	< 0.41 U	NA	NA	NA	NA	NA	NA	< 0.84 U	< 0.41 U	< 0.41 U	< 0.41 U	NA	NA
Iodomethane (Methyl Iodide)	5	µg/L	< 0.37 U	< 0.63 U	NA	NA	NA	NA	NA	NA	< 0.46 U	< 0.37 U	< 0.63 U	< 0.63 U	NA	NA
Isopropylbenzene (Cumene)	5	µg/L	< 0.2 U	< 0.38 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.65 U	< 0.27 U	< 0.2 U	< 0.38 U	< 0.38 U	< 1 U	< 1 U
M,P-Xylene (Sum Of Isomers)	5	µg/L	NA	NA	NA	NA	NA	NA	NA	< 0.78 U	NA	NA	NA	NA	NA	NA
Methyl Acetate	NSL	µg/L	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.80 U	NA	NA	NA	NA	< 1 U	< 1 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 2 U	< 2.1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2.7 U	< 1.9 U	< 2 U	< 2.1 U	< 2.1 U	< 1 U	< 1 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	< 1.5 U	< 0.82 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 4.9 U	< 2.9 U	< 1.5 U	< 0.82 U	< 0.82 U	< 1 U	< 1 U
Methylcyclohexane	NSL	µg/L	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.60 U	NA	NA	NA	NA	< 1 U	< 1 U
Methylene Chloride	5	µg/L	< 0.83 U	< 0.41 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 0.44 U	< 0.83 U	< 0.41 U	< 0.41 U	< 1 U	< 1 U
M-P-Xylene	5	µg/L	NA	< 0.77 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	< 0.77 U	< 1 U	< 1 U
Naphthalene	10	µg/L	< 0.15 U	< 0.80 U	NA	NA	NA	NA	NA	NA	< 0.46 U	< 0.15 U	< 0.80 U	< 0.80 U	NA	NA
N-Butylbenzene	5	µg/L	< 0.27 U	< 0.33 U	NA	NA	NA	NA	NA	NA	< 0.49 U	< 0.27 U	< 0.33 U	< 0.33 U	NA	NA
N-Propylbenzene	5	µg/L	< 0.2 U	< 0.64 U	NA	NA	NA	NA	NA	NA	< 0.27 U	< 0.2 U	< 0.64 U	< 0.64 U	NA	NA
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	< 0.26 U	< 0.36 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.59 U	< 0.45 U	< 0.26 U	< 0.36 U	< 0.36 U	< 1 U	< 1 U
p-Bromofluorobenzene	NSL	µg/L	46.943 N	NA	NA	NA	NA	NA	NA	NA	50.078 N	53.984 N	NA	NA	NA	NA
Sec-Butylbenzene	5	µg/L	< 0.19 U	< 0.28 U	NA	NA	NA	NA	NA	NA	< 0.33 U	< 0.19 U	< 0.28 U	< 0.28 U	NA	NA
Styrene	5	µg/L	< 0.16 U	< 0.50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.49 U	< 0.48 U	< 0.16 U	< 0.50 U	< 0.50 U	< 1 U	< 1 U
T-Butylbenzene	5	µg/L	< 0.24 U	< 0.37 U	NA	NA	NA	NA	NA	NA	< 0.46 U	< 0.24 U	< 0.37 U	< 0.37 U	NA	NA
Tert-Butyl Methyl Ether	10	µg/L	< 0.25 U	< 0.24 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.51 U	< 0.43 U	< 0.25 U	< 0.24 U	< 0.24 U	< 0.5 U	< 0.5 U
Tetrachloroethylene (PCE)	5	µg/L	**50 N**	**18**	**5.6**	**14**	**15**	**15**	< 1 U	1.3	< 0.46 U	< 0.27 U	2.1 J	< 0.65 U	< 1 U	1.1
Toluene	5	µg/L	< 0.15 U	< 0.32 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.49 U	1.4 J	< 0.15 U	< 0.32 U	< 0.32 U	< 1 U	< 1 U
Toluene-D8	NSL	µg/L	52.737 N	NA	NA	NA	NA	NA	NA	NA	50.89 N	53.608 N	NA	NA	NA	NA
Trans-1,2-Dichloroethene	5	µg/L	< 0.37 U	< 0.65 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.54 U	< 0.44 U	< 0.37 U	< 0.65 U	< 0.65 U	< 1 U	< 1 U
Trans-1,3-Dichloropropene	0.4	µg/L	< 0.27 U	< 0.48 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.43 U	< 0.66 U	< 0.27 U	< 0.48 U	< 0.48 U	< 1 U	< 1 U
Trichloroethylene (TCE)	5	µg/L	1.8 J	0.81 J	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.53 U	< 0.76 U	< 0.25 U	< 0.36 U	< 0.36 U	< 1 U	< 1 U
Trichlorofluoromethane	5	µg/L	< 0.6 U	< 0.54 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.40 U	< 0.84 U	< 0.6 U	< 0.54 U	< 0.54 U	< 1 U	< 1 U
Vinyl Acetate	NSL	µg/L	< 0.43 U	< 0.35 U	NA	NA	NA	NA	NA	NA	< 0.46 U	< 0.43 U	< 0.35 U	< 0.35 U	NA	NA
Vinyl Chloride	2	µg/L	< 0.78 U	< 0.50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.52 U	< 0.44 U	< 0.78 U	< 0.50 U	< 0.50 U	< 1 U	< 1 U
Xylenes	5	µg/L	1.1 B	< 0.36 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.59 U	< 0.92 U	< 0.4 U	< 0.77 U	< 0.36 U	< 1 U	< 1 U

(1) NYSDEC Ambient Water Quality Standard Class GA (Standard/guidance values) (Technical and Operational Guidance Series [TOGS] 1.1.1).

µg/L = Microgram(s) per liter
D = Indicates identified compound in analysis has been diluted.
J = Concentration is estimated
N = Indicates presumptive evidence of a compound.
NA = Not analyzed
NSL = No screening level available.
U = Analyte not detected.
VOCs = Volatile organic compounds.
Concentrations exceeding the screening level are bolded and shaded gray.

Table 1. Historical Analytical Results for VOCs

Location		MW-2	MW-3A	MW-3A	MW-3A	MW-3A	MW-3A	MW-3A	MW-3A	MW-3A	MW-3A	MW-3B	MW-3B	MW-3B	MW-3B
Sample Name		152077-MW-02-10162023	SL-MW-3A	SL-MW-3A	SL-MW-3A	SL-MW-3A	SL-MW-3A	SL-MW-3A	SL-MW-3A	MW-3A	152077-MW-03A-10162023	SL-MW-3B	MW-3B	SL-MW-3B	SL-MW-3B
Parent Sample Name															
Sample Date		10/16/2023	11/14/2008	2/3/2010	5/11/2011	8/27/2012	11/12/2013	3/23/2015	5/11/2016	9/22/2017	10/16/2023	11/14/2008	2/4/2010	5/11/2011	8/27/2012
Analyte	NYSDEC AWQS[1]	Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
VOCs (SW8260/SW8260C)															
1,1,1,2-Tetrachloroethane	5	µg/L	NA	< 0.45 U	< 0.28 U	< 0.41 U	< 0.41 U	NA	NA	NA	NA	< 0.45 U	< 0.28 U	< 0.41 U	< 0.41 U
1,1,1-Trichloroethane (TCA)	5	µg/L	< 0.54 U	< 0.41 U	< 0.18 U	< 0.50 U	< 0.50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.54 U	< 0.41 U	< 0.18 U	< 0.50 U	< 0.50 U
1,1,2,2-Tetrachloroethane	5	µg/L	< 0.65 U	< 0.39 U	< 0.23 U	< 0.42 U	< 0.42 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.65 U	< 0.39 U	< 0.23 U	< 0.42 U	< 0.42 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	< 0.58 U	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 0.58 U	NA	NA	NA	NA
1,1,2-Trichloroethane	1	µg/L	< 0.53 U	< 0.51 U	< 0.29 U	< 0.38 U	< 0.38 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.53 U	< 0.51 U	< 0.29 U	< 0.38 U	< 0.38 U
1,1-Dichloroethane	5	µg/L	< 0.57 U	< 0.4 U	< 0.24 U	< 0.25 U	< 0.25 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.57 U	< 0.4 U	< 0.24 U	< 0.25 U	< 0.25 U
1,1-Dichloroethene	5	µg/L	< 0.59 U	< 0.57 U	< 0.64 U	< 0.39 U	< 0.39 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.59 U	< 0.57 U	< 0.64 U	< 0.39 U	< 0.39 U
1,1-Dichloropropene	5	µg/L	NA	< 0.73 U	< 0.38 U	< 0.50 U	< 0.50 U	NA	NA	NA	NA	NA	< 0.73 U	< 0.38 U	< 0.50 U	< 0.50 U
1,2,3-Trichlorobenzene	5	µg/L	< 0.50 U	< 0.5 U	< 0.45 U	< 0.33 U	< 0.33 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.50 U	< 0.5 U	< 0.45 U	< 0.33 U	< 0.33 U
1,2,3-Trichloropropane	0.04	µg/L	NA	< 0.84 U	< 0.72 U	< 0.82 U	< 0.82 U	NA	NA	NA	NA	NA	< 0.84 U	< 0.72 U	< 0.82 U	< 0.82 U
1,2,4-Trichlorobenzene	5	µg/L	< 0.50 U	< 0.49 U	< 0.39 U	< 0.26 U	< 0.26 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.50 U	< 0.49 U	< 0.39 U	< 0.26 U	< 0.26 U
1,2,4-Trimethylbenzene	5	µg/L	NA	< 0.42 U	< 0.15 U	< 0.40 U	< 0.40 U	NA	NA	NA	NA	NA	< 0.42 U	< 0.15 U	< 0.40 U	< 0.40 U
1,2-Dibromo-3-Chloropropane	0.04	µg/L	< 0.53 U	< 0.72 U	< 0.35 U	< 0.75 U	< 0.75 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.53 U	< 0.72 U	< 0.35 U	< 0.75 U	< 0.75 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	µg/L	< 0.48 U	< 0.3 U	< 0.31 U	< 0.50 U	< 0.50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.48 U	< 0.3 U	< 0.31 U	< 0.50 U	< 0.50 U
1,2-Dichlorobenzene	3	µg/L	< 0.53 U	< 0.39 U	< 0.24 U	< 0.33 U	< 0.33 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.53 U	< 0.39 U	< 0.24 U	< 0.33 U	< 0.33 U
1,2-Dichloroethane	0.6	µg/L	< 0.60 U	< 0.33 U	< 0.16 U	< 0.41 U	< 0.41 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.60 U	< 0.33 U	< 0.16 U	< 0.41 U	< 0.41 U
1,2-Dichloroethane-D4	NSL	µg/L	NA	49.049 N	48.07 N	NA	NA	NA	NA	NA	NA	NA	48.584 N	44.372 N	NA	NA
1,2-Dichloropropane	1	µg/L	< 0.51 U	< 0.72 U	< 0.24 U	< 0.61 U	< 0.61 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.51 U	< 0.72 U	< 0.24 U	< 0.61 U	< 0.61 U
1,3,5-Trimethylbenzene (Mesitylene)	5	µg/L	NA	< 0.31 U	< 0.12 U	< 0.45 U	< 0.45 U	NA	NA	NA	NA	NA	< 0.31 U	< 0.12 U	< 0.45 U	< 0.45 U
1,3-Dichlorobenzene	3	µg/L	< 0.54 U	< 0.36 U	< 0.19 U	< 0.29 U	< 0.29 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.54 U	< 0.36 U	< 0.19 U	< 0.29 U	< 0.29 U
1,3-Dichloropropane	5	µg/L	NA	< 0.6 U	< 0.26 U	< 0.22 U	< 0.22 U	NA	NA	NA	NA	NA	< 0.6 U	< 0.26 U	< 0.22 U	< 0.22 U
1,4-Dichlorobenzene	3	µg/L	< 0.51 U	< 0.37 U	< 0.24 U	< 0.40 U	< 0.40 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.51 U	< 0.37 U	< 0.24 U	< 0.40 U	< 0.40 U
2,2-Dichloropropane	5	µg/L	NA	< 0.35 U	< 0.22 U	< 0.30 U	< 0.30 U	NA	NA	NA	NA	NA	< 0.35 U	< 0.22 U	< 0.30 U	< 0.30 U
2-Chlorotoluene	NSL	µg/L	NA	< 0.53 U	< 0.3 U	< 0.54 U	< 0.54 U	NA	NA	NA	NA	NA	< 0.53 U	< 0.3 U	< 0.54 U	< 0.54 U
2-Hexanone	50	µg/L	< 4.8 U	< 1.7 U	< 1.1 U	< 1.7 U	< 1.7 U	< 1 U	< 1 U	< 1 U	< 1 U	< 4.8 U	< 1.7 U	< 1.1 U	< 1.7 U	< 1.7 U
4-Chlorotoluene	5	µg/L	NA	< 0.71 U	< 0.43 U	< 0.45 U	< 0.45 U	NA	NA	NA	NA	NA	< 0.71 U	< 0.43 U	< 0.45 U	< 0.45 U
Acetone	50	µg/L	< 3.1 U	< 4.6 U	< 4.6 U	< 2.2 U	< 2.2 U	< 10 U	< 5 U	< 5 U	< 5 U	< 3.1 U	< 4.6 U	< 4.6 U	< 2.2 U	< 2.2 U
Benzene	1	µg/L	< 0.43 U	< 0.39 U	< 0.12 U	< 0.33 U	< 0.33 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.43 U	< 0.39 U	< 0.12 U	< 0.33 U	< 0.33 U
Bromobenzene	5	µg/L	NA	< 0.35 U	< 0.37 U	< 0.36 U	< 0.36 U	NA	NA	NA	NA	NA	< 0.35 U	< 0.37 U	< 0.36 U	< 0.36 U
Bromochloromethane	5	µg/L	< 0.48 U	< 0.35 U	< 0.3 U	< 0.43 U	< 0.43 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.48 U	< 0.35 U	< 0.3 U	< 0.43 U	< 0.43 U
Bromodichloromethane	50	µg/L	< 0.45 U	< 0.43 U	< 0.2 U	< 0.26 U	< 0.26 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.45 U	< 0.43 U	< 0.2 U	< 0.26 U	< 0.26 U
Bromoform	50	µg/L	< 0.63 U	< 0.27 U	< 0.44 U	< 0.77 U	< 0.77 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.63 U	< 0.27 U	< 0.44 U	< 0.77 U	< 0.77 U
Bromomethane	5	µg/L	< 1.6 U	< 0.77 U	< 0.74 U	< 0.80 U	< 0.80 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.6 U	< 0.77 U	< 0.74 U	< 0.80 U	< 0.80 U
Carbon Disulfide	60	µg/L	< 1.8 U	< 0.25 U	< 0.34 U	< 0.34 U	< 0.34 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.8 U	< 0.25 U	< 0.34 U	< 0.34 U	< 0.34 U
Carbon Tetrachloride	5	µg/L	< 0.55 U	< 0.37 U	< 0.11 U	< 0.54 U	< 0.54 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.55 U	< 0.37 U	< 0.11 U	< 0.54 U	< 0.54 U
Chlorobenzene	5	µg/L	< 0.56 U	< 0.32 U	< 0.23 U	< 0.26 U	< 0.26 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.56 U	< 0.32 U	< 0.23 U	< 0.26 U	< 0.26 U
Chloroethane	5	µg/L	< 0.73 U	< 0.75 U	< 0.89 U	< 0.48 U	< 0.48 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.73 U	< 0.75 U	< 0.89 U	< 0.48 U	< 0.48 U
Chloroform	7	µg/L	< 0.50 U	< 0.4 U	< 0.3 U	< 0.33 U	0.53 J	< 1 U	< 1 U	< 1 U	< 1 U	< 0.50 U	< 0.4 U	< 0.3 U	< 0.33 U	< 0.33 U
Chloromethane (Methyl Chloride)	5	µg/L	< 0.76 U	< 0.44 U	< 0.54 U	< 0.26 U	< 0.26 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.76 U	< 0.44 U	< 0.54 U	< 0.26 U	< 0.26 U
Cis-1,2-Dichloroethylene	5	µg/L	< 0.51 U	< 0.59 U	< 0.34 U	< 0.48 U	< 0.48 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.51 U	< 0.59 U	< 0.34 U	< 0.48 U	< 0.48 U
Cis-1,3-Dichloropropene	0.4	µg/L	< 0.47 U	< 0.46 U	< 0.22 U	< 0.45 U	< 0.45 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.47 U	< 0.46 U	< 0.22 U	< 0.45 U	< 0.45 U
Cyclohexane	NSL	µg/L	< 0.78 U	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 0.78 U	NA	NA	NA	NA
Cymene	5	µg/L	NA	< 0.46 U	< 0.17 U	< 0.46 U	< 0.46 U	NA	NA	NA	NA	NA	< 0.46 U	< 0.17 U	< 0.46 U	< 0.46 U
Dibromochloromethane	50	µg/L	< 0.56 U	< 0.33 U	< 0.2 U	< 0.57 U	< 0.57 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.56 U	< 0.33 U	< 0.2 U	< 0.57 U	< 0.57 U
Dibromofluoromethane	NSL	µg/L	NA	48.837 N	48.538 N	NA	NA	NA	NA	NA	NA	NA	48.508 N	47.639 N	NA	NA
Dibromomethane	5	µg/L	NA	< 0.76 U	< 0.26 U	< 0.49 U	< 0.49 U	NA	NA	NA	NA	NA	< 0.76 U	< 0.26 U	< 0.49 U	< 0.49 U
Dichlorodifluoromethane	5	µg/L	< 0.56 U	< 0.77 U	< 0.47 U	< 0.66 U	< 0.66 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.56 U	< 0.77 U	< 0.47 U	< 0.66 U	< 0.66 U
Ethylbenzene	5	µg/L	< 0.60 U	< 0.33 U	< 0.23 U	< 0.35 U	< 0.35 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.60 U	< 0.33 U	< 0.23 U	< 0.35 U	< 0.35 U
Hexachlorobutadiene	0.5	µg/L	NA	< 0.84 U	< 0.41 U	< 0.41 U	< 0.41 U	NA	NA	NA	NA	NA	< 0.84 U	< 0.41 U	< 0.41 U	< 0.41 U
Iodomethane (Methyl Iodide)	5	µg/L	NA	< 0.46 U	< 0.37 U	< 0.63 U	< 0.63 U	NA	NA	NA	NA	NA	< 0.46 U	< 0.37 U	< 0.63 U	< 0.63 U
Isopropylbenzene (Cumene)	5	µg/L	< 0.65 U	< 0.27 U	< 0.2 U	< 0.38 U	< 0.38 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.65 U	< 0.27 U	< 0.2 U	< 0.38 U	< 0.38 U
M,P-Xylene (Sum Of Isomers)	5	µg/L	< 0.78 U	NA	NA	NA	NA	NA	NA	NA	NA	< 0.78 U	NA	NA	NA	NA
Methyl Acetate	NSL	µg/L	< 0.80 U	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 0.80 U	NA	NA	NA	NA
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 2.7 U	< 1.9 U	< 2 U	< 2.1 U	< 2.1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2.7 U	< 1.9 U	< 2 U	< 2.1 U	< 2.1 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	< 4.9 U	< 2.9 U	< 1.5 U	< 0.82 U	< 0.82 U	< 1 U	< 1 U	< 1 U	< 1 U	< 4.9 U	< 2.9 U	< 1.5 U	< 0.82 U	< 0.82 U
Methylcyclohexane	NSL	µg/L	< 0.60 U	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 0.60 U	NA	NA	NA	NA
Methylene Chloride	5	µg/L	< 1.0 U	< 0.44 U	< 0.83 U	< 0.41 U	< 0.41 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 0.44 U	< 0.83 U	< 0.41 U	< 0.41 U
M-P-Xylene	5	µg/L	NA	NA	NA	NA	< 0.77 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	< 0.77 U
Naphthalene	10	µg/L	NA	< 0.46 U	< 0.15 U	< 0.80 U	< 0.80 U	NA	NA	NA	NA	NA	< 0.46 U	< 0.15 U	< 0.80 U	< 0.80 U
N-Butylbenzene	5	µg/L	NA	< 0.49 U	< 0.27 U	< 0.33 U	< 0.33 U	NA	NA	NA	NA	NA	< 0.49 U	< 0.27 U	< 0.33 U	< 0.33 U
N-Propylbenzene	5	µg/L	NA	< 0.27 U	< 0.2 U	< 0.64 U	< 0.64 U	NA	NA	NA	NA	NA	< 0.27 U	< 0.2 U	< 0.64 U	< 0.64 U
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	< 0.59 U	< 0.45 U	< 0.26 U	< 0.36 U	< 0.36 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.59 U	< 0.45 U	< 0.26 U	< 0.36 U	< 0.36 U
p-Bromofluorobenzene	NSL	µg/L	NA	49.737 N	45.802 N	NA	NA	NA	NA	NA	NA	NA	48.279 N	51.66 N	NA	NA
Sec-Butylbenzene	5	µg/L	NA	< 0.33 U	< 0.19 U	< 0.28 U	< 0.28 U	NA	NA	NA	NA	NA	< 0.33 U	< 0.19 U	< 0.28 U	< 0.28 U
Styrene	5	µg/L	< 0.49 U	< 0.48 U	< 0.16 U	< 0.50 U	< 0.50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.49 U	< 0.48 U	< 0.16 U	< 0.50 U	< 0.50 U
T-Butylbenzene	5	µg/L	NA	< 0.46 U	< 0.24 U	< 0.37 U	< 0.37 U	NA	NA	NA	NA	NA	< 0.46 U	< 0.24 U	< 0.37 U	< 0.37 U
Tert-Butyl Methyl Ether	10	µg/L	< 0.51 U	< 0.43 U	< 0.25 U	< 0.24 U	< 0.24 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.51 U	< 0.43 U	< 0.25 U	< 0.24 U	< 0.24 U
Tetrachloroethylene (PCE)	5	µg/L	< 0.56 U	< 0.46 U	< 0.27 U	< 0.65 U	< 0.65 U	< 1 U	< 1 U	< 1 U	1.2	< 0.56 U	< 0.46 U	< 0.27 U	< 0.65 U	< 0.65 U
Toluene	5	µg/L	< 0.49 U	< 0.71 U	< 0.15 U	< 0.32 U	< 0.32 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.49 U	< 0.71 U	< 0.15 U	< 0.32 U	< 0.32 U
Toluene-D8	NSL	µg/L	NA	50.736 N	52.532 N	NA	NA	NA	NA	NA	NA	NA	50.854 N	53.867 N	NA	NA
Trans-1,2-Dichloroethene	5	µg/L	< 0.54 U	< 0.44 U	< 0.37 U	< 0.65 U	< 0.65 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.54 U	< 0.44 U	< 0.37 U	< 0.65 U	< 0.65 U
Trans-1,3-Dichloropropene	0.4	µg/L	< 0.43 U	< 0.66 U	< 0.27 U	< 0.48 U	< 0.48 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.43 U	< 0.66 U	< 0.27 U	< 0.48 U	< 0.48 U
Trichloroethylene (TCE)	5	µg/L	< 0.53 U	< 0.76 U	< 0.25 U	< 0.36 U	< 0.36 U	< 1 U	< 1 U	< 1 U	2.6	< 0.53 U	< 0.76 U	< 0.25 U	< 0.36 U	< 0.36 U
Trichlorofluoromethane	5	µg/L	< 0.40 U	< 0.84 U	< 0.6 U	< 0.54 U	< 0.54 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.40 U	< 0.84 U	< 0.6 U	< 0.54 U	< 0.54 U
Vinyl Acetate	NSL	µg/L	NA	< 0.46 U	< 0.43 U	< 0.35 U	< 0.35 U	NA	NA	NA	NA	NA	< 0.46 U	< 0.43 U	< 0.35 U	< 0.35 U
Vinyl Chloride	2	µg/L	< 0.52 U	< 0.44 U	< 0.78 U	< 0.50 U	< 0.50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.52 U	< 0.44 U	< 0.78 U	< 0.50 U	< 0.50 U
Xylenes	5	µg/L	< 0.59 U	< 0.92 U	< 0.4 U	< 0.77 U	< 0.36 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.59 U	< 0.92 U	< 0.4 U	< 0.77 U	< 0.36 U

(1) NYSDEC Ambient Water Quality Standard Class GA (Standard/guidance values) (Technical and Operational Guidance Series [TOGS] 1.1.1).

µg/L = Microgram(s) per liter
D = Indicates identified compound in analysis has been diluted.
J = Concentration is estimated
N = Indicates presumptive evidence of a compound.
NA = Not analyzed
NSL = No screening level available.
U = Analyte not detected.
VOCs = Volatile organic compounds.
Concentrations exceeding the screening level are bolded and shaded gray.

Table 1. Historical Analytical Results for VOCs

Location			MW-3B	MW-3B	MW-3B	MW-3B	MW-3B	MW-3B	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4
Sample Name			SL-MW-3B	SL-MW-53B	SL-MW-3B	SL-MW-3B	MW-3B	152077-MW-03B-10162023	SL-MW-4	MW-04	SL-MW-4	SL-MW-4	SL-MW-4	SL-MW-4	MW-4	152077-MW-04-10172023
Parent Sample Name				MW-3B-20131112												
Sample Date			11/12/2013	11/12/2013	3/23/2015	5/10/2016	9/22/2017	10/16/2023	11/13/2008	2/4/2010	5/12/2011	8/29/2012	11/13/2013	5/12/2016	9/19/2017	10/17/2023
Analyte	NYSDEC AWQS[1]	Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
VOCs (SW8260/SW8260C)																
1,1,1,2-Tetrachloroethane	5	µg/L	NA	NA	NA	NA	NA	NA	< 0.45 U	< 0.28 U	< 0.41 U	< 0.41 U	NA	NA	NA	NA
1,1,1-Trichloroethane (TCA)	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.54 U	< 0.41 U	< 0.18 U	< 0.50 U	< 0.50 U	< 1 U	< 1 U	< 1 U	< 0.54 U
1,1,2,2-Tetrachloroethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.65 U	< 0.39 U	< 0.23 U	< 0.42 U	< 0.42 U	< 1 U	< 1 U	< 1 U	< 0.65 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.58 U	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 0.58 U
1,1,2-Trichloroethane	1	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.53 U	< 0.51 U	< 0.29 U	< 0.38 U	< 0.38 U	< 1 U	< 1 U	< 1 U	< 0.53 U
1,1-Dichloroethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.57 U	< 0.4 U	< 0.24 U	< 0.25 U	< 0.25 U	< 1 U	< 1 U	< 1 U	< 0.57 U
1,1-Dichloroethene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.59 U	< 0.57 U	< 0.64 U	< 0.39 U	< 0.39 U	< 1 U	< 1 U	< 1 U	< 0.59 U
1,1-Dichloropropene	5	µg/L	NA	NA	NA	NA	NA	NA	< 0.73 U	< 0.38 U	< 0.50 U	< 0.50 U	NA	NA	NA	NA
1,2,3-Trichlorobenzene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.50 U	< 0.5 U	< 0.45 U	< 0.33 U	< 0.33 U	< 1 U	< 1 U	< 1 U	< 0.50 U
1,2,3-Trichloropropane	0.04	µg/L	NA	NA	NA	NA	NA	NA	< 0.84 U	< 0.72 U	< 0.82 U	< 0.82 U	NA	NA	NA	NA
1,2,4-Trichlorobenzene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.50 U	< 0.49 U	< 0.39 U	< 0.26 U	< 0.26 U	< 1 U	< 1 U	< 1 U	< 0.50 U
1,2,4-Trimethylbenzene	5	µg/L	NA	NA	NA	NA	NA	NA	< 0.42 U	< 0.15 U	< 0.40 U	< 0.40 U	NA	NA	NA	NA
1,2-Dibromo-3-Chloropropane	0.04	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.53 U	< 0.72 U	< 0.35 U	< 0.75 U	< 0.75 U	< 1 U	< 1 U	< 1 U	< 0.53 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.48 U	< 0.3 U	< 0.31 U	< 0.50 U	< 0.50 U	< 1 U	< 1 U	< 1 U	< 0.48 U
1,2-Dichlorobenzene	3	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.53 U	< 0.39 U	< 0.24 U	< 0.33 U	< 0.33 U	< 1 U	< 1 U	< 1 U	< 0.53 U
1,2-Dichloroethane	0.6	µg/L	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.60 U	< 0.33 U	< 0.16 U	< 0.41 U	< 0.41 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.60 U
1,2-Dichloroethane-D4	NSL	µg/L	NA	NA	NA	NA	NA	NA	49.48 N	47.874 N	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	1	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.51 U	< 0.72 U	< 0.24 U	< 0.61 U	< 0.61 U	< 1 U	< 1 U	< 1 U	< 0.51 U
1,3,5-Trimethylbenzene (Mesitylene)	5	µg/L	NA	NA	NA	NA	NA	NA	< 0.31 U	< 0.12 U	< 0.45 U	< 0.45 U	NA	NA	NA	NA
1,3-Dichlorobenzene	3	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.54 U	< 0.36 U	< 0.19 U	< 0.29 U	< 0.29 U	< 1 U	< 1 U	< 1 U	< 0.54 U
1,3-Dichloropropane	5	µg/L	NA	NA	NA	NA	NA	NA	< 0.6 U	< 0.26 U	< 0.22 U	< 0.22 U	NA	NA	NA	NA
1,4-Dichlorobenzene	3	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.51 U	< 0.37 U	< 0.24 U	< 0.40 U	< 0.40 U	< 1 U	< 1 U	< 1 U	< 0.51 U
2,2-Dichloropropane	5	µg/L	NA	NA	NA	NA	NA	NA	< 0.35 U	< 0.22 U	< 0.30 U	< 0.30 U	NA	NA	NA	NA
2-Chlorotoluene	NSL	µg/L	NA	NA	NA	NA	NA	NA	< 0.53 U	< 0.3 U	< 0.54 U	< 0.54 U	NA	NA	NA	NA
2-Hexanone	50	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 4.8 U	< 1.7 U	< 1.1 U	< 1.7 U	< 1.7 U	< 1 U	< 1 U	< 1 U	< 4.8 U
4-Chlorotoluene	5	µg/L	NA	NA	NA	NA	NA	NA	< 0.71 U	< 0.43 U	< 0.45 U	< 0.45 U	NA	NA	NA	NA
Acetone	50	µg/L	< 10 U	< 10 U	< 5 U	< 5 U	< 5 U	< 3.1 U	< 4.6 U	< 4.6 U	< 2.2 U	< 2.2 U	< 10 U	< 5 U	< 5 U	< 3.1 U
Benzene	1	µg/L	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.43 U	< 0.39 U	< 0.12 U	< 0.33 U	< 0.33 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.43 U
Bromobenzene	5	µg/L	NA	NA	NA	NA	NA	NA	< 0.35 U	< 0.37 U	< 0.36 U	< 0.36 U	NA	NA	NA	NA
Bromochloromethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.48 U	< 0.35 U	< 0.3 U	< 0.43 U	< 0.43 U	< 1 U	< 1 U	< 1 U	< 0.48 U
Bromodichloromethane	50	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.45 U	< 0.43 U	< 0.2 U	< 0.26 U	< 0.26 U	< 1 U	< 1 U	< 1 U	< 0.45 U
Bromoform	50	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.63 U	< 0.27 U	< 0.44 U	< 0.77 U	< 0.77 U	< 1 U	< 1 U	< 1 U	< 0.63 U
Bromomethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.6 U	< 0.77 U	< 0.74 U	< 0.80 U	< 0.80 U	< 1 U	< 1 U	< 1 U	< 1.6 U
Carbon Disulfide	60	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.8 U	< 0.25 U	< 0.34 U	< 0.34 U	< 0.34 U	< 1 U	< 1 U	< 1 U	< 1.8 U
Carbon Tetrachloride	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.55 U	< 0.37 U	< 0.11 U	< 0.54 U	< 0.54 U	< 1 U	< 1 U	< 1 U	< 0.55 U
Chlorobenzene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.56 U	< 0.32 U	< 0.23 U	< 0.26 U	< 0.26 U	< 1 U	< 1 U	< 1 U	< 0.56 U
Chloroethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.73 U	< 0.75 U	< 0.89 U	< 0.48 U	< 0.48 U	< 1 U	< 1 U	< 1 U	< 0.73 U
Chloroform	7	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.50 U	< 0.4 U	< 0.3 U	< 0.33 U	< 0.33 U	< 1 U	< 1 U	< 1 U	< 0.50 U
Chloromethane (Methyl Chloride)	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.76 U	< 0.44 U	< 0.54 U	< 0.26 U	< 0.26 U	< 1 U	< 1 U	< 1 U	< 0.76 U
Cis-1,2-Dichloroethylene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.51 U	< 0.59 U	< 0.34 U	< 0.48 U	< 0.48 U	< 1 U	< 1 U	< 1 U	< 0.51 U
Cis-1,3-Dichloropropene	0.4	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.47 U	< 0.46 U	< 0.22 U	< 0.45 U	< 0.45 U	< 1 U	< 1 U	< 1 U	< 0.47 U
Cyclohexane	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.78 U	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 0.78 U
Cymene	5	µg/L	NA	NA	NA	NA	NA	NA	< 0.46 U	< 0.17 U	< 0.46 U	< 0.46 U	NA	NA	NA	NA
Dibromochloromethane	50	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.56 U	< 0.33 U	< 0.2 U	< 0.57 U	< 0.57 U	< 1 U	< 1 U	< 1 U	< 0.56 U
Dibromofluoromethane	NSL	µg/L	NA	NA	NA	NA	NA	NA	49.224 N	49.403 N	NA	NA	NA	NA	NA	NA
Dibromomethane	5	µg/L	NA	NA	NA	NA	NA	NA	< 0.76 U	< 0.26 U	< 0.49 U	< 0.49 U	NA	NA	NA	NA
Dichlorodifluoromethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.56 U	< 0.77 U	< 0.47 U	< 0.66 U	< 0.66 U	< 1 U	< 1 U	< 1 U	< 0.56 U
Ethylbenzene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.60 U	< 0.33 U	< 0.23 U	< 0.35 U	< 0.35 U	< 1 U	< 1 U	< 1 U	< 0.60 U
Hexachlorobutadiene	0.5	µg/L	NA	NA	NA	NA	NA	NA	< 0.84 U	< 0.41 U	< 0.41 U	< 0.41 U	NA	NA	NA	NA
Iodomethane (Methyl Iodide)	5	µg/L	NA	NA	NA	NA	NA	NA	< 0.46 U	< 0.37 U	< 0.63 U	< 0.63 U	NA	NA	NA	NA
Isopropylbenzene (Cumene)	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.65 U	< 0.27 U	< 0.2 U	< 0.38 U	< 0.38 U	< 1 U	< 1 U	< 1 U	< 0.65 U
M,P-Xylene (Sum Of Isomers)	5	µg/L	NA	NA	NA	NA	NA	< 0.78 U	NA	NA	NA	NA	NA	NA	NA	< 0.78 U
Methyl Acetate	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.80 U	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 0.80 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2.7 U	< 1.9 U	< 2 U	< 2.1 U	< 2.1 U	< 1 U	< 1 U	< 1 U	< 2.7 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 4.9 U	< 2.9 U	< 1.5 U	< 0.82 U	< 0.82 U	< 1 U	< 1 U	< 1 U	< 4.9 U
Methylcyclohexane	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.60 U	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 0.60 U
Methylene Chloride	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 0.44 U	< 0.83 U	< 0.41 U	< 0.41 U	< 1 U	< 1 U	< 1 U	< 1.0 U
M-P-Xylene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	< 0.77 U	< 1 U	< 1 U	< 1 U	NA
Naphthalene	10	µg/L	NA	NA	NA	NA	NA	NA	< 0.46 U	< 0.15 U	< 0.80 U	< 0.80 U	NA	NA	NA	NA
N-Butylbenzene	5	µg/L	NA	NA	NA	NA	NA	NA	< 0.49 U	< 0.27 U	< 0.33 U	< 0.33 U	NA	NA	NA	NA
N-Propylbenzene	5	µg/L	NA	NA	NA	NA	NA	NA	< 0.27 U	< 0.2 U	< 0.64 U	< 0.64 U	NA	NA	NA	NA
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.59 U	< 0.45 U	< 0.26 U	< 0.36 U	< 0.36 U	< 1 U	< 1 U	< 1 U	< 0.59 U
p-Bromofluorobenzene	NSL	µg/L	NA	NA	NA	NA	NA	NA	48.513 N	52.01 N	NA	NA	NA	NA	NA	NA
Sec-Butylbenzene	5	µg/L	NA	NA	NA	NA	NA	NA	< 0.33 U	< 0.19 U	< 0.28 U	< 0.28 U	NA	NA	NA	NA
Styrene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.49 U	< 0.48 U	< 0.16 U	< 0.50 U	< 0.50 U	< 1 U	< 1 U	< 1 U	< 0.49 U
T-Butylbenzene	5	µg/L	NA	NA	NA	NA	NA	NA	< 0.46 U	< 0.24 U	< 0.37 U	< 0.37 U	NA	NA	NA	NA
Tert-Butyl Methyl Ether	10	µg/L	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.51 U	< 0.43 U	< 0.25 U	< 0.24 U	< 0.24 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.51 U
Tetrachloroethylene (PCE)	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.56 U	< 0.46 U	< 0.27 U	< 0.65 U	< 0.65 U	< 1 U	< 1 U	< 1 U	< 0.56 U
Toluene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.49 U	< 0.71 U	< 0.15 U	< 0.32 U	< 0.32 U	< 1 U	< 1 U	< 1 U	< 0.49 U
Toluene-D8	NSL	µg/L	NA	NA	NA	NA	NA	NA	50.187 N	53.315 N	NA	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.54 U	< 0.44 U	< 0.37 U	< 0.65 U	< 0.65 U	< 1 U	< 1 U	< 1 U	< 0.54 U
Trans-1,3-Dichloropropene	0.4	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.43 U	< 0.66 U	< 0.27 U	< 0.48 U	< 0.48 U	< 1 U	< 1 U	< 1 U	< 0.43 U
Trichloroethylene (TCE)	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.53 U	< 0.76 U	< 0.25 U	< 0.36 U	< 0.36 U	< 1 U	< 1 U	< 1 U	< 0.53 U
Trichlorofluoromethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.40 U	< 0.84 U	< 0.6 U	< 0.54 U	< 0.54 U	< 1 U	< 1 U	< 1 U	< 0.40 U
Vinyl Acetate	NSL	µg/L	NA	NA	NA	NA	NA	NA	< 0.46 U	< 0.43 U	< 0.35 U	< 0.35 U	NA	NA	NA	NA
Vinyl Chloride	2	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.52 U	< 0.44 U	< 0.78 U	< 0.50 U	< 0.50 U	< 1 U	< 1 U	< 1 U	< 0.52 U
Xylenes	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.59 U	< 0.92 U	< 0.4 U	< 0.77 U	< 0.36 U	< 1 U	< 1 U	< 1 U	< 0.59 U

(1) NYSDEC Ambient Water Quality Standard Class GA (Standard/guidance values) (Technical and Operational Guidance Series [TOGS] 1.1.1).

µg/L = Microgram(s) per liter
D = Indicates identified compound in analysis has been diluted.
J = Concentration is estimated
N = Indicates presumptive evidence of a compound.
NA = Not analyzed
NSL = No screening level available.
U = Analyte not detected.
VOCs = Volatile organic compounds.
Concentrations exceeding the screening level are bolded and shaded gray.

Table 1. Historical Analytical Results for VOCs

Location			MW-5	MW-5	MW-5	MW-5	MW-5	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A
Sample Name			SL-MW-5	MW-05	SL-MW-5	SL-MW-5	SL-MW-5	SL-MW-6A	MW-6A	SL-MW-6A	SL-MW-6A	SL-MW-6A	SL-MW-6A	SL-MW-6A	SL-MW-56A	MW-6B
Parent Sample Name															MW-6A_20160510	
Sample Date			11/13/2008	2/4/2010	5/12/2011	8/29/2012	3/24/2015	11/13/2008	2/4/2010	5/12/2011	8/27/2012	11/13/2013	3/24/2015	5/10/2016	5/10/2016	9/19/2017
Analyte	NYSDEC AWQS[1]	Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
VOCs (SW8260/SW8260C)																
1,1,1,2-Tetrachloroethane	5	µg/L	< 0.45 U	< 0.28 U	< 0.41 U	< 0.41 U	NA	< 0.45 U	< 0.28 U	< 0.41 U	< 0.41 U	NA	NA	NA	NA	NA
1,1,1-Trichloroethane (TCA)	5	µg/L	< 0.41 U	< 0.18 U	< 0.50 U	< 0.50 U	< 1 U	< 0.41 U	< 0.18 U	< 0.50 U	< 0.50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2,2-Tetrachloroethane	5	µg/L	< 0.39 U	< 0.23 U	< 0.42 U	< 0.42 U	< 1 U	< 0.39 U	< 0.23 U	< 0.42 U	< 0.42 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	NA	NA	NA	NA	< 1 U	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloroethane	1	µg/L	< 0.51 U	< 0.29 U	< 0.38 U	< 0.38 U	< 1 U	< 0.51 U	< 0.29 U	< 0.38 U	< 0.38 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	5	µg/L	< 0.4 U	< 0.24 U	< 0.25 U	< 0.25 U	< 1 U	< 0.4 U	< 0.24 U	< 0.25 U	< 0.25 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	5	µg/L	< 0.57 U	< 0.64 U	< 0.39 U	< 0.39 U	< 1 U	< 0.57 U	< 0.64 U	< 0.39 U	< 0.39 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloropropene	5	µg/L	< 0.73 U	< 0.38 U	< 0.50 U	< 0.50 U	NA	< 0.73 U	< 0.38 U	< 0.50 U	< 0.50 U	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	5	µg/L	< 0.5 U	< 0.45 U	< 0.33 U	< 0.33 U	< 1 U	< 0.5 U	< 0.45 U	< 0.33 U	< 0.33 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2,3-Trichloropropane	0.04	µg/L	< 0.84 U	< 0.72 U	< 0.82 U	< 0.82 U	NA	< 0.84 U	< 0.72 U	< 0.82 U	< 0.82 U	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	5	µg/L	< 0.49 U	< 0.39 U	< 0.26 U	< 0.26 U	< 1 U	< 0.49 U	< 0.39 U	< 0.26 U	< 0.26 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2,4-Trimethylbenzene	5	µg/L	< 0.42 U	< 0.15 U	< 0.40 U	< 0.40 U	NA	< 0.42 U	< 0.15 U	< 0.40 U	< 0.40 U	NA	NA	NA	NA	NA
1,2-Dibromo-3-Chloropropane	0.04	µg/L	< 0.72 U	< 0.35 U	< 0.75 U	< 0.75 U	< 1 U	< 0.72 U	< 0.35 U	< 0.75 U	< 0.75 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	µg/L	< 0.3 U	< 0.31 U	< 0.50 U	< 0.50 U	< 1 U	< 0.3 U	< 0.31 U	< 0.50 U	< 0.50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichlorobenzene	3	µg/L	< 0.39 U	< 0.24 U	< 0.33 U	< 0.33 U	< 1 U	< 0.39 U	< 0.24 U	< 0.33 U	< 0.33 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloroethane	0.6	µg/L	< 0.33 U	< 0.16 U	< 0.41 U	< 0.41 U	< 0.5 U	< 0.33 U	< 0.16 U	< 0.41 U	< 0.41 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
1,2-Dichloroethane-D4	NSL	µg/L	50.61 N	47.511 N	NA	NA	NA	49.406 N	48.987 N	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	1	µg/L	< 0.72 U	< 0.24 U	< 0.61 U	< 0.61 U	< 1 U	< 0.72 U	< 0.24 U	< 0.61 U	< 0.61 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,3,5-Trimethylbenzene (Mesitylene)	5	µg/L	< 0.31 U	< 0.12 U	< 0.45 U	< 0.45 U	NA	< 0.31 U	< 0.12 U	< 0.45 U	< 0.45 U	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	3	µg/L	< 0.36 U	< 0.19 U	< 0.29 U	< 0.29 U	< 1 U	< 0.36 U	< 0.19 U	< 0.29 U	< 0.29 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,3-Dichloropropane	5	µg/L	< 0.6 U	< 0.26 U	< 0.22 U	< 0.22 U	NA	< 0.6 U	< 0.26 U	< 0.22 U	< 0.22 U	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	3	µg/L	< 0.37 U	< 0.24 U	< 0.40 U	< 0.40 U	< 1 U	< 0.37 U	< 0.24 U	< 0.40 U	< 0.40 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
2,2-Dichloropropane	5	µg/L	< 0.35 U	< 0.22 U	< 0.30 U	< 0.30 U	NA	< 0.35 U	< 0.22 U	< 0.30 U	< 0.30 U	NA	NA	NA	NA	NA
2-Chlorotoluene	NSL	µg/L	< 0.53 U	< 0.3 U	< 0.54 U	< 0.54 U	NA	< 0.53 U	< 0.3 U	< 0.54 U	< 0.54 U	NA	NA	NA	NA	NA
2-Hexanone	50	µg/L	< 1.7 U	< 1.1 U	< 1.7 U	< 1.7 U	< 1 U	< 1.7 U	< 1.1 U	< 1.7 U	< 1.7 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
4-Chlorotoluene	5	µg/L	< 0.71 U	< 0.43 U	< 0.45 U	< 0.45 U	NA	< 0.71 U	< 0.43 U	< 0.45 U	< 0.45 U	NA	NA	NA	NA	NA
Acetone	50	µg/L	**170 N**	< 4.6 U	< 2.2 U	< 2.2 U	< 5 U	< 4.6 U	< 4.6 U	< 2.2 U	< 2.2 U	< 10 U	< 5 U	< 5 U	< 5 U	< 5 U
Benzene	1	µg/L	< 0.39 U	< 0.12 U	< 0.33 U	< 0.33 U	< 0.5 U	< 0.39 U	< 0.12 U	< 0.33 U	< 0.33 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
Bromobenzene	5	µg/L	< 0.35 U	< 0.37 U	< 0.36 U	< 0.36 U	NA	< 0.35 U	< 0.37 U	< 0.36 U	< 0.36 U	NA	NA	NA	NA	NA
Bromochloromethane	5	µg/L	< 0.35 U	< 0.3 U	< 0.43 U	< 0.43 U	< 1 U	< 0.35 U	< 0.3 U	< 0.43 U	< 0.43 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromodichloromethane	50	µg/L	< 0.43 U	< 0.2 U	< 0.26 U	< 0.26 U	< 1 U	< 0.43 U	< 0.2 U	< 0.26 U	< 0.26 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromoform	50	µg/L	< 0.27 U	< 0.44 U	< 0.77 U	< 0.77 U	< 1 U	< 0.27 U	< 0.44 U	< 0.77 U	< 0.77 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromomethane	5	µg/L	< 0.77 U	< 0.74 U	< 0.80 U	< 0.80 U	< 1 U	< 0.77 U	< 0.74 U	< 0.80 U	< 0.80 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Carbon Disulfide	60	µg/L	< 0.25 U	< 0.34 U	< 0.34 U	< 0.34 U	< 1 U	< 0.25 U	< 0.34 U	< 0.34 U	< 0.34 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Carbon Tetrachloride	5	µg/L	< 0.37 U	< 0.11 U	< 0.54 U	< 0.54 U	< 1 U	< 0.37 U	< 0.11 U	< 0.54 U	< 0.54 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chlorobenzene	5	µg/L	< 0.32 U	< 0.23 U	< 0.26 U	< 0.26 U	< 1 U	< 0.32 U	< 0.23 U	< 0.26 U	< 0.26 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloroethane	5	µg/L	< 0.75 U	< 0.89 U	< 0.48 U	< 0.48 U	< 1 U	< 0.75 U	< 0.89 U	< 0.48 U	< 0.48 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloroform	7	µg/L	< 0.4 U	< 0.3 U	< 0.33 U	< 0.33 U	< 1 U	2 J	< 0.3 U	< 0.33 U	< 0.33 U	5.7	2.8	< 1 U	< 1 U	< 1 U
Chloromethane (Methyl Chloride)	5	µg/L	< 0.44 U	< 0.54 U	< 0.26 U	< 0.26 U	< 1 U	< 0.44 U	< 0.54 U	< 0.26 U	< 0.26 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cis-1,2-Dichloroethylene	5	µg/L	< 0.59 U	< 0.34 U	< 0.48 U	< 0.48 U	< 1 U	**140 N**	< 0.34 U	< 0.48 U	< 0.48 U	< 1 U	< 1 U	**44**	**41**	< 1 U
Cis-1,3-Dichloropropene	0.4	µg/L	< 0.46 U	< 0.22 U	< 0.45 U	< 0.45 U	< 1 U	< 0.46 U	< 0.22 U	< 0.45 U	< 0.45 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cyclohexane	NSL	µg/L	NA	NA	NA	NA	< 1 U	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cymene	5	µg/L	< 0.46 U	< 0.17 U	< 0.46 U	< 0.46 U	NA	< 0.46 U	< 0.17 U	< 0.46 U	< 0.46 U	NA	NA	NA	NA	NA
Dibromochloromethane	50	µg/L	< 0.33 U	< 0.2 U	< 0.57 U	< 0.57 U	< 1 U	< 0.33 U	< 0.2 U	< 0.57 U	< 0.57 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Dibromofluoromethane	NSL	µg/L	49.339 N	48.331 N	NA	NA	NA	49.647 N	49.076 N	NA	NA	NA	NA	NA	NA	NA
Dibromomethane	5	µg/L	< 0.76 U	< 0.26 U	< 0.49 U	< 0.49 U	NA	< 0.76 U	< 0.26 U	< 0.49 U	< 0.49 U	NA	NA	NA	NA	NA
Dichlorodifluoromethane	5	µg/L	< 0.77 U	< 0.47 U	< 0.66 U	< 0.66 U	< 1 U	< 0.77 U	< 0.47 U	< 0.66 U	< 0.66 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Ethylbenzene	5	µg/L	< 0.33 U	< 0.23 U	< 0.35 U	< 0.35 U	< 1 U	< 0.33 U	< 0.23 U	< 0.35 U	< 0.35 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Hexachlorobutadiene	0.5	µg/L	< 0.84 U	< 0.41 U	< 0.41 U	< 0.41 U	NA	< 0.84 U	< 0.41 U	< 0.41 U	< 0.41 U	NA	NA	NA	NA	NA
Iodomethane (Methyl Iodide)	5	µg/L	< 0.46 U	< 0.37 U	< 0.63 U	< 0.63 U	NA	< 0.46 U	< 0.37 U	< 0.63 U	< 0.63 U	NA	NA	NA	NA	NA
Isopropylbenzene (Cumene)	5	µg/L	< 0.27 U	< 0.2 U	< 0.38 U	< 0.38 U	< 1 U	< 0.27 U	< 0.2 U	< 0.38 U	< 0.38 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
M,P-Xylene (Sum Of Isomers)	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Acetate	NSL	µg/L	NA	NA	NA	NA	< 1 U	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	38 J	< 2 U	< 2.1 U	< 2.1 U	< 1 U	< 1.9 U	< 2 U	< 2.1 U	< 2.1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	< 2.9 U	< 1.5 U	< 0.82 U	< 0.82 U	< 1 U	< 2.9 U	< 1.5 U	< 0.82 U	< 0.82 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Methylcyclohexane	NSL	µg/L	NA	NA	NA	NA	< 1 U	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Methylene Chloride	5	µg/L	< 0.44 U	< 0.83 U	< 0.41 U	< 0.41 U	< 1 U	< 0.44 U	< 0.83 U	< 0.41 U	< 0.41 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
M-P-Xylene	5	µg/L	NA	NA	NA	< 0.77 U	< 1 U	NA	NA	NA	< 0.77 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Naphthalene	10	µg/L	< 0.46 U	< 0.15 U	< 0.80 U	< 0.80 U	NA	< 0.46 U	< 0.15 U	< 0.80 U	< 0.80 U	NA	NA	NA	NA	NA
N-Butylbenzene	5	µg/L	< 0.49 U	< 0.27 U	< 0.33 U	< 0.33 U	NA	< 0.49 U	< 0.27 U	< 0.33 U	< 0.33 U	NA	NA	NA	NA	NA
N-Propylbenzene	5	µg/L	< 0.27 U	< 0.2 U	< 0.64 U	< 0.64 U	NA	< 0.27 U	< 0.2 U	< 0.64 U	< 0.64 U	NA	NA	NA	NA	NA
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	< 0.45 U	< 0.26 U	< 0.36 U	< 0.36 U	< 1 U	< 0.45 U	< 0.26 U	< 0.36 U	< 0.36 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
p-Bromofluorobenzene	NSL	µg/L	48.159 N	52.07 N	NA	NA	NA	48.819 N	53.135 N	NA	NA	NA	NA	NA	NA	NA
Sec-Butylbenzene	5	µg/L	< 0.33 U	< 0.19 U	< 0.28 U	< 0.28 U	NA	< 0.33 U	< 0.19 U	< 0.28 U	< 0.28 U	NA	NA	NA	NA	NA
Styrene	5	µg/L	< 0.48 U	< 0.16 U	< 0.50 U	< 0.50 U	< 1 U	< 0.48 U	< 0.16 U	< 0.50 U	< 0.50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
T-Butylbenzene	5	µg/L	< 0.46 U	< 0.24 U	< 0.37 U	< 0.37 U	NA	< 0.46 U	< 0.24 U	< 0.37 U	< 0.37 U	NA	NA	NA	NA	NA
Tert-Butyl Methyl Ether	10	µg/L	< 0.43 U	< 0.25 U	< 0.24 U	< 0.24 U	< 0.5 U	< 0.43 U	< 0.25 U	< 0.24 U	< 0.24 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
Tetrachloroethylene (PCE)	5	µg/L	< 0.46 U	< 0.27 U	< 0.65 U	< 0.65 U	< 1 U	**470 D**	1.2 J	< 0.65 U	< 0.65 U	< 1 U	< 1 U	**330**	**340**	**11**
Toluene	5	µg/L	**1200 N**	**230 D**	< 0.32 U	< 0.32 U	< 1 U	< 0.71 U	< 0.15 U	< 0.32 U	< 0.32 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Toluene-D8	NSL	µg/L	50.045 N	53.075 N	NA	NA	NA	49.666 N	53.335 N	NA	NA	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	5	µg/L	< 0.44 U	< 0.37 U	< 0.65 U	< 0.65 U	< 1 U	< 0.44 U	< 0.37 U	< 0.65 U	< 0.65 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trans-1,3-Dichloropropene	0.4	µg/L	< 0.66 U	< 0.27 U	< 0.48 U	< 0.48 U	< 1 U	< 0.66 U	< 0.27 U	< 0.48 U	< 0.48 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trichloroethylene (TCE)	5	µg/L	< 0.76 U	< 0.25 U	1.5 J	< 0.36 U	< 1 U	**30 N**	< 0.25 U	< 0.36 U	< 0.36 U	< 1 U	< 1 U	**12**	**11**	**22**
Trichlorofluoromethane	5	µg/L	< 0.84 U	< 0.6 U	< 0.54 U	< 0.54 U	< 1 U	< 0.84 U	< 0.6 U	< 0.54 U	< 0.54 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Vinyl Acetate	NSL	µg/L	< 0.46 U	< 0.43 U	< 0.35 U	< 0.35 U	NA	< 0.46 U	< 0.43 U	< 0.35 U	< 0.35 U	NA	NA	NA	NA	NA
Vinyl Chloride	2	µg/L	< 0.44 U	< 0.78 U	< 0.50 U	< 0.50 U	< 1 U	< 0.44 U	< 0.78 U	< 0.50 U	< 0.50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Xylenes	5	µg/L	< 0.92 U	< 0.4 U	< 0.77 U	< 0.36 U	< 1 U	< 0.92 U	< 0.4 U	< 0.77 U	< 0.36 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U

(1) NYSDEC Ambient Water Quality Standard Class GA (Standard/guidance values) (Technical and Operational Guidance Series [TOGS] 1.1.1).

µg/L = Microgram(s) per liter
D = Indicates identified compound in analysis has been diluted.
J = Concentration is estimated
N = Indicates presumptive evidence of a compound.
NA = Not analyzed
NSL = No screening level available.
U = Analyte not detected.
VOCs = Volatile organic compounds.
Concentrations exceeding the screening level are bolded and shaded gray.

Table 1. Historical Analytical Results for VOCs

Analyte	NYSDEC AWQS[1]	Unit	Location Sample Name Parent Sample Name Sample Date	MW-6A 152077-MW-06A-10172023 10/17/2023	MW-6A 152077-MW-6A-20250421 4/21/2025	MW-6B SL-MW-6B 11/13/2008	MW-6B MW-6B 2/4/2010	MW-6B SL-MW-6B 5/12/2011	MW-6B SL-MW-6B 8/27/2012	MW-6B SL-MW-6B 11/13/2013	MW-6B SL-MW-6B 3/24/2015	MW-6B SL-MW-6B 5/10/2016	MW-6B MW-6A 9/19/2017	MW-6B 152077-MW-6B-20250421 4/21/2025	MW-6B 152077-DUP-20250421 152077-MW-6B-20250421 4/21/2025	MW-11 SL-MW-11 11/11/2008	MW-11 SL-MW-11 5/9/2016
				Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
VOCs (SW8260/SW8260C)																	
1,1,1,2-Tetrachloroethane	5	µg/L		NA	--	< 0.45 U	< 0.28 U	< 0.41 U	< 0.41 U	NA	NA	NA	NA	--	--	< 0.45 U	NA
1,1,1-Trichloroethane (TCA)	5	µg/L		< 0.54 U	< 0.54 U	< 0.41 U	< 0.18 U	< 0.50 U	< 0.50 U	< 20 U	< 10 U	< 1 U	< 1 U	< 0.54 U	< 0.54 U	< 0.41 U	< 1 U
1,1,2,2-Tetrachloroethane	5	µg/L		< 0.65 U	< 0.65 U	< 0.39 U	< 0.23 U	< 0.42 U	< 0.42 U	< 20 U	< 10 U	< 1 U	< 1 U	< 0.65 U	< 0.65 U	< 0.39 U	< 1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L		< 0.58 U	< 0.58 U	NA	NA	NA	NA	< 20 U	< 10 U	< 1 U	< 1 U	< 0.58 U	< 0.58 U	NA	< 1 U
1,1,2-Trichloroethane	1	µg/L		< 0.53 U	< 0.53 U	< 0.51 U	< 0.29 U	< 0.38 U	< 0.38 U	< 20 U	< 10 U	< 1 U	< 1 U	< 0.53 U	< 0.53 U	< 0.51 U	< 1 U
1,1-Dichloroethane	5	µg/L		< 0.57 U	< 0.57 U	< 0.4 U	< 0.24 U	< 0.25 U	< 0.25 U	< 20 U	< 10 U	< 1 U	< 1 U	< 0.57 U	< 0.57 U	< 0.4 U	< 1 U
1,1-Dichloroethene	5	µg/L		< 0.59 U	< 0.59 U	< 0.57 U	< 0.64 U	< 0.39 U	< 0.39 U	< 20 U	< 10 U	< 1 U	< 1 U	< 0.59 U	< 0.59 U	< 0.57 U	< 1 U
1,1-Dichloropropene	5	µg/L		NA	--	< 0.73 U	< 0.38 U	< 0.50 U	< 0.50 U	NA	NA	NA	NA	--	--	< 0.73 U	NA
1,2,3-Trichlorobenzene	5	µg/L		< 0.50 U	< 0.50 U	< 0.5 U	< 0.45 U	< 0.33 U	< 0.33 U	< 20 U	< 10 U	< 1 U	< 1 U	< 0.50 U	< 0.50 U	< 0.5 U	< 1 U
1,2,3-Trichloropropane	0.04	µg/L		NA	--	< 0.84 U	< 0.72 U	< 0.82 U	< 0.82 U	NA	NA	NA	NA	--	--	< 0.84 U	NA
1,2,4-Trichlorobenzene	5	µg/L		< 0.50 U	< 0.50 U	< 0.49 U	< 0.39 U	< 0.26 U	< 0.26 U	< 20 U	< 10 U	< 1 U	< 1 U	< 0.50 U	< 0.50 U	< 0.49 U	< 1 U
1,2,4-Trimethylbenzene	5	µg/L		NA	--	< 0.42 U	< 0.15 U	< 0.40 U	< 0.40 U	NA	NA	NA	NA	--	--	< 0.42 U	NA
1,2-Dibromo-3-Chloropropane	0.04	µg/L		< 0.53 U	< 0.53 U	< 0.72 U	< 0.35 U	< 0.75 U	< 0.75 U	< 20 U	< 10 U	< 1 U	< 1 U	< 0.53 U	< 0.53 U	< 0.72 U	< 1 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	µg/L		< 0.48 U	< 0.48 U	< 0.3 U	< 0.31 U	< 0.50 U	< 0.50 U	< 20 U	< 10 U	< 1 U	< 1 U	< 0.48 U	< 0.48 U	< 0.3 U	< 1 U
1,2-Dichlorobenzene	3	µg/L		< 0.53 U	< 0.53 U	< 0.39 U	< 0.24 U	< 0.33 U	< 0.33 U	< 20 U	< 10 U	< 1 U	< 1 U	< 0.53 U	< 0.53 U	< 0.39 U	< 1 U
1,2-Dichloroethane	0.6	µg/L		< 0.60 U	< 0.60 U	< 0.33 U	< 0.16 U	< 0.41 U	< 0.41 U	< 10 U	< 5 U	< 0.5 U	< 0.5 U	< 0.60 U	< 0.60 U	< 0.33 U	< 0.5 U
1,2-Dichloroethane-D4	NSL	µg/L		NA	--	50.128 N	46.722 N	NA	NA	NA	NA	NA	NA	--	--	47.166 N	NA
1,2-Dichloropropane	1	µg/L		< 0.51 U	< 0.51 U	< 0.72 U	< 0.24 U	< 0.61 U	< 0.61 U	< 20 U	< 10 U	< 1 U	< 1 U	< 0.51 U	< 0.51 U	< 0.72 U	< 1 U
1,3,5-Trimethylbenzene (Mesitylene)	5	µg/L		NA	--	< 0.31 U	< 0.12 U	< 0.45 U	< 0.45 U	NA	NA	NA	NA	--	--	< 0.31 U	NA
1,3-Dichlorobenzene	3	µg/L		< 0.54 U	< 0.54 U	< 0.36 U	< 0.19 U	< 0.29 U	< 0.29 U	< 20 U	< 10 U	< 1 U	< 1 U	< 0.54 U	< 0.54 U	< 0.36 U	< 1 U
1,3-Dichloropropane	5	µg/L		NA	--	< 0.6 U	< 0.26 U	< 0.22 U	< 0.22 U	NA	NA	NA	NA	--	--	< 0.6 U	NA
1,4-Dichlorobenzene	3	µg/L		< 0.51 U	< 0.51 U	< 0.37 U	< 0.24 U	< 0.40 U	< 0.40 U	< 20 U	< 10 U	< 1 U	< 1 U	< 0.51 U	< 0.51 U	< 0.37 U	< 1 U
2,2-Dichloropropane	5	µg/L		NA	--	< 0.35 U	< 0.22 U	< 0.30 U	< 0.30 U	NA	NA	NA	NA	--	--	< 0.35 U	NA
2-Chlorotoluene	NSL	µg/L		NA	--	< 0.53 U	< 0.3 U	< 0.54 U	< 0.54 U	NA	NA	NA	NA	--	--	< 0.53 U	NA
2-Hexanone	50	µg/L		< 4.8 U	< 4.8 U	< 1.7 U	< 1.1 U	< 1.7 U	< 1.7 U	< 20 U	< 10 U	< 1 U	< 1 U	< 4.8 U	< 4.8 U	< 1.7 U	< 1 U
4-Chlorotoluene	5	µg/L		NA	--	< 0.71 U	< 0.43 U	< 0.45 U	< 0.45 U	NA	NA	NA	NA	--	--	< 0.71 U	NA
Acetone	50	µg/L		< 3.1 U	< 3.1 U	< 4.6 U	< 4.6 U	< 2.2 U	3.7 J	< 200 U	< 50 U	< 5 U	< 5 U	< 3.1 U	< 3.1 U	< 4.6 U	< 5 U
Benzene	1	µg/L		< 0.43 U	< 0.43 U	< 0.39 U	< 0.12 U	< 0.33 U	< 0.33 U	< 10 U	< 5 U	< 0.5 U	< 0.5 U	< 0.43 U	< 0.43 U	< 0.39 U	< 0.5 U
Bromobenzene	5	µg/L		NA	--	< 0.35 U	< 0.37 U	< 0.36 U	< 0.36 U	NA	NA	NA	NA	--	--	< 0.35 U	NA
Bromochloromethane	5	µg/L		< 0.48 U	< 0.48 U	< 0.35 U	< 0.3 U	< 0.43 U	< 0.43 U	< 20 U	< 10 U	< 1 U	< 1 U	< 0.48 U	< 0.48 U	< 0.35 U	< 1 U
Bromodichloromethane	50	µg/L		< 0.45 U	< 0.45 U	< 0.43 U	< 0.2 U	< 0.26 U	< 0.26 U	< 20 U	< 10 U	< 1 U	< 1 U	< 0.45 U	< 0.45 U	< 0.43 U	< 1 U
Bromoform	50	µg/L		< 0.63 U	< 0.63 U	< 0.27 U	< 0.44 U	< 0.77 U	< 0.77 U	< 20 U	< 10 U	< 1 U	< 1 U	< 0.63 U	< 0.63 U	< 0.27 U	< 1 U
Bromomethane	5	µg/L		< 1.6 U	< 1.6 U	< 0.77 U	< 0.74 U	< 0.80 U	< 0.80 U	< 20 U	< 10 U	< 1 U	< 1 U	< 1.6 U	< 1.6 U	< 0.77 U	< 1 U
Carbon Disulfide	60	µg/L		< 1.8 U	< 1.8 U	< 0.25 U	< 0.34 U	< 0.34 U	< 0.34 U	< 20 U	< 10 U	< 1 U	< 1 U	< 1.8 U	< 1.8 U	< 0.25 U	< 1 U
Carbon Tetrachloride	5	µg/L		< 0.55 U	< 0.55 U	< 0.37 U	< 0.11 U	< 0.54 U	< 0.54 U	< 20 U	< 10 U	< 1 U	< 1 U	< 0.55 U	< 0.55 U	< 0.37 U	< 1 U
Chlorobenzene	5	µg/L		< 0.56 U	< 0.56 U	< 0.32 U	< 0.23 U	< 0.26 U	< 0.26 U	< 20 U	< 10 U	< 1 U	< 1 U	< 0.56 U	< 0.56 U	< 0.32 U	< 1 U
Chloroethane	5	µg/L		< 0.73 U	< 0.73 U	< 0.75 U	< 0.89 U	< 0.48 U	< 0.48 U	< 20 U	< 10 U	< 1 U	< 1 U	< 0.73 U	< 0.73 U	< 0.75 U	< 1 U
Chloroform	7	µg/L		< 0.50 U	< 0.50 U	< 0.4 U	< 0.3 U	< 0.33 U	< 0.33 U	< 20 U	< 10 U	1.8	< 1 U	< 0.50 U	< 0.50 U	< 0.4 U	< 1 U
Chloromethane (Methyl Chloride)	5	µg/L		< 0.76 U	< 0.76 U	< 0.44 U	< 0.54 U	< 0.26 U	< 0.26 U	< 20 U	< 10 U	< 1 U	< 1 U	< 0.76 U	< 0.76 U	< 0.44 U	< 1 U
Cis-1,2-Dichloroethylene	5	µg/L		< 0.51 U	< 0.51 U	< 0.59 U	**190 N**	**44**	0.50 J	**140**	**100**	< 1 U	**51**	**16.4**	**16.9**	**13 N**	**5.9**
Cis-1,3-Dichloropropene	0.4	µg/L		< 0.47 U	< 0.47 U	< 0.46 U	< 0.22 U	< 0.45 U	< 0.45 U	< 20 U	< 10 U	< 1 U	< 1 U	< 0.47 U	< 0.47 U	< 0.46 U	< 1 U
Cyclohexane	NSL	µg/L		< 0.78 U	< 0.78 U	NA	NA	NA	NA	< 20 U	< 10 U	< 1 U	< 1 U	< 0.78 U	< 0.78 U	NA	< 1 U
Cymene	5	µg/L		NA	--	< 0.46 U	< 0.17 U	< 0.46 U	< 0.46 U	NA	NA	NA	NA	--	--	< 0.46 U	NA
Dibromochloromethane	50	µg/L		< 0.56 U	< 0.56 U	< 0.33 U	< 0.2 U	< 0.57 U	< 0.57 U	< 20 U	< 10 U	< 1 U	< 1 U	< 0.56 U	< 0.56 U	< 0.33 U	< 1 U
Dibromofluoromethane	NSL	µg/L		NA	< 0.56 U	48.87 N	48.803 N	NA	NA	NA	NA	NA	NA	< 0.56 U	< 0.56 U	48.974 N	NA
Dibromomethane	5	µg/L		NA	--	< 0.76 U	< 0.26 U	< 0.49 U	< 0.49 U	NA	NA	NA	NA	--	--	< 0.76 U	NA
Dichlorodifluoromethane	5	µg/L		< 0.56 U	--	< 0.77 U	< 0.47 U	< 0.66 U	< 0.66 U	< 20 U	< 10 U	< 1 U	< 1 U	--	--	< 0.77 U	< 1 U
Ethylbenzene	5	µg/L		< 0.60 U	< 0.60 U	< 0.33 U	< 0.23 U	< 0.35 U	< 0.35 U	< 20 U	< 10 U	< 1 U	< 1 U	< 0.60 U	< 0.60 U	< 0.33 U	< 1 U
Hexachlorobutadiene	0.5	µg/L		NA	--	< 0.84 U	< 0.41 U	< 0.41 U	< 0.41 U	NA	NA	NA	NA	--	--	< 0.84 U	NA
Iodomethane (Methyl Iodide)	5	µg/L		NA	--	< 0.46 U	< 0.37 U	< 0.63 U	< 0.63 U	NA	NA	NA	NA	--	--	< 0.46 U	NA
Isopropylbenzene (Cumene)	5	µg/L		< 0.65 U	< 0.65 U	< 0.27 U	< 0.2 U	< 0.38 U	< 0.38 U	< 20 U	< 10 U	< 1 U	< 1 U	< 0.65 U	< 0.65 U	< 0.27 U	< 1 U
M,P-Xylene (Sum Of Isomers)	5	µg/L		< 0.78 U	< 0.78 U	NA	NA	NA	NA	NA	NA	NA	NA	< 0.78 U	< 0.78 U	NA	NA
Methyl Acetate	NSL	µg/L		< 0.80 U	< 0.80 U	NA	NA	NA	NA	< 20 U	< 10 U	< 1 U	< 1 U	< 0.80 U	< 0.80 U	NA	< 1 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L		< 2.7 U	< 2.7 U	< 1.9 U	< 2 U	< 2.1 U	< 2.1 U	< 20 U	< 10 U	< 1 U	< 1 U	< 2.7 U	< 2.7 U	< 1.9 U	< 1 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L		< 4.9 U	< 4.9 U	< 2.9 U	< 1.5 U	< 0.82 U	< 0.82 U	< 20 U	< 10 U	< 1 U	< 1 U	< 4.9 U	< 4.9 U	< 2.9 U	< 1 U
Methylcyclohexane	NSL	µg/L		< 0.60 U	< 0.60 U	NA	NA	NA	NA	< 20 U	< 10 U	< 1 U	< 1 U	< 0.60 U	< 0.60 U	NA	< 1 U
Methylene Chloride	5	µg/L		< 1.0 U	< 1.0 U	< 0.44 U	< 0.83 U	< 0.41 U	< 0.41 U	< 20 U	< 10 U	< 1 U	< 1 U	< 1.0 U	< 1.0 U	< 0.44 U	< 1 U
M-P-Xylene	5	µg/L		NA	--	NA	NA	NA	< 0.77 U	< 20 U	< 10 U	< 1 U	< 1 U	--	--	NA	< 1 U
Naphthalene	10	µg/L		NA	--	< 0.46 U	< 0.15 U	< 0.80 U	< 0.80 U	NA	NA	NA	NA	--	--	< 0.46 U	NA
N-Butylbenzene	5	µg/L		NA	--	< 0.49 U	< 0.27 U	< 0.33 U	< 0.33 U	NA	NA	NA	NA	--	--	< 0.49 U	NA
N-Propylbenzene	5	µg/L		NA	--	< 0.27 U	< 0.2 U	< 0.64 U	< 0.64 U	NA	NA	NA	NA	--	--	< 0.27 U	NA
O-Xylene (1,2-Dimethylbenzene)	5	µg/L		< 0.59 U	< 0.59 U	< 0.45 U	< 0.26 U	< 0.36 U	< 0.36 U	< 20 U	< 10 U	< 1 U	< 1 U	< 0.59 U	< 0.59 U	< 0.45 U	< 1 U
p-Bromofluorobenzene	NSL	µg/L		NA	--	50.569 N	53.321 N	NA	NA	NA	NA	NA	NA	--	--	49.2 N	NA
Sec-Butylbenzene	5	µg/L		NA	--	< 0.33 U	< 0.19 U	< 0.28 U	< 0.28 U	NA	NA	NA	NA	--	--	< 0.33 U	NA
Styrene	5	µg/L		< 0.49 U	< 0.49 U	< 0.48 U	< 0.16 U	< 0.50 U	< 0.50 U	< 20 U	< 10 U	< 1 U	< 1 U	< 0.49 U	< 0.49 U	< 0.48 U	< 1 U
T-Butylbenzene	5	µg/L		NA	--	< 0.46 U	< 0.24 U	< 0.37 U	< 0.37 U	NA	NA	NA	NA	--	--	< 0.46 U	NA
Tert-Butyl Methyl Ether	10	µg/L		< 0.51 U	< 0.51 U	< 0.43 U	< 0.25 U	< 0.24 U	< 0.24 U	< 10 U	< 5 U	< 0.5 U	< 0.5 U	< 0.51 U	< 0.51 U	1.8 J	6.9
Tetrachloroethylene (PCE)	5	µg/L		< 0.56 U	< 0.56 U	< 0.46 U	**2000 D**	**150**	**23**	**1500**	**1200**	< 1 U	**340**	**126**	**130**	**60 N**	**28**
Toluene	5	µg/L		< 0.49 U	< 0.49 U	< 0.71 U	< 0.15 U	< 0.32 U	< 0.32 U	< 20 U	< 10 U	< 1 U	< 1 U	< 0.49 U	< 0.49 U	**63 N**	< 1 U
Toluene-D8	NSL	µg/L		NA	--	51.17 N	53.867 N	NA	NA	NA	NA	NA	NA	--	--	50.709 N	NA
Trans-1,2-Dichloroethene	5	µg/L		< 0.54 U	< 0.54 U	< 0.44 U	< 0.37 U	< 0.65 U	< 0.65 U	< 20 U	< 10 U	< 1 U	< 1 U	< 0.54 U	< 0.54 U	< 0.44 U	< 1 U
Trans-1,3-Dichloropropene	0.4	µg/L		< 0.43 U	< 0.43 U	< 0.66 U	< 0.27 U	< 0.48 U	< 0.48 U	< 20 U	< 10 U	< 1 U	< 1 U	< 0.43 U	< 0.43 U	< 0.66 U	< 1 U
Trichloroethylene (TCE)	5	µg/L		< 0.53 U	< 0.53 U	< 0.76 U	**40 N**	**7.3**	< 0.36 U	**30**	**31**	1.1	**8.1**	**6.3**	**6.3**	4.8 J	2.4
Trichlorofluoromethane	5	µg/L		< 0.40 U	< 0.40 U	< 0.84 U	< 0.6 U	< 0.54 U	< 0.54 U	< 20 U	< 10 U	< 1 U	< 1 U	< 0.40 U	< 0.40 U	< 0.84 U	< 1 U
Vinyl Acetate	NSL	µg/L		NA	--	< 0.46 U	< 0.43 U	< 0.35 U	< 0.35 U	NA	NA	NA	NA	--	--	< 0.46 U	NA
Vinyl Chloride	2	µg/L		< 0.52 U	< 0.52 U	< 0.44 U	< 0.78 U	< 0.50 U	< 0.50 U	< 20 U	< 10 U	< 1 U	< 1 U	< 0.52 U	< 0.52 U	< 0.44 U	1.8
Xylenes	5	µg/L		< 0.59 U	< 0.59 U	< 0.92 U	< 0.4 U	< 0.77 U	< 0.36 U	< 20 U	< 10 U	< 1 U	< 1 U	< 0.59 U	< 0.59 U	< 0.92 U	< 1 U

(1) NYSDEC Ambient Water Quality Standard Class GA (Standard/guidance values) (Technical and Operational Guidance Series [TOGS] 1.1.1).

µg/L = Microgram(s) per liter

D = Indicates identified compound in analysis has been diluted.

J = Concentration is estimated

N = Indicates presumptive evidence of a compound.

NA = Not analyzed

NSL = No screening level available.

U = Analyte not detected.

VOCs = Volatile organic compounds.

Concentrations exceeding the screening level are bolded and shaded gray.

Table 1. Historical Analytical Results for VOCs

Location			MW-11	MW-11	MW-11	MW-11	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12
Sample Name			MW-11	152077-MW-11-10172023	152077-MW-11D-10172023	152077-MW-11-20250421	SL-MW-12	SL-MW-12	SL-MW-12	SL-MW-62	SL-MW-12	SL-MW-12	SL-MW-12	SL-MW-12	152077-MW-12-10182023	152077-MW-12-20250421
Parent Sample Name					152077-MW-11-20231017					SL-MW-12-20110510						
Sample Date			9/21/2017	10/17/2023	10/17/2023	4/21/2025	11/12/2008	2/2/2010	5/10/2011	5/10/2011	8/22/2012	11/14/2013	3/24/2015	5/11/2016	10/18/2023	4/21/2025
Analyte	NYSDEC AWQS[1]	Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
VOCs (SW8260/SW8260C)																
1,1,1,2-Tetrachloroethane	5	µg/L	NA	NA	NA	--	< 0.45 U	< 0.28 U	< 0.41 U	< 0.41 U	< 0.41 U	NA	NA	NA	NA	--
1,1,1-Trichloroethane (TCA)	5	µg/L	< 1 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.41 U	< 0.18 U	< 0.50 U	< 0.50 U	< 0.50 U	< 1 U	< 1 U	< 1 U	< 0.54 U	< 0.54 U
1,1,2,2-Tetrachloroethane	5	µg/L	< 1 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.39 U	< 0.23 U	< 0.42 U	< 0.42 U	< 0.42 U	< 1 U	< 1 U	< 1 U	< 0.65 U	< 0.65 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	< 1 U	< 0.58 U	< 0.58 U	< 0.58 U	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 0.58 U	< 0.58 U
1,1,2-Trichloroethane	1	µg/L	< 1 U	< 0.53 U	< 0.53 U	< 0.53 U	< 0.51 U	< 0.29 U	< 0.38 U	< 0.38 U	< 0.38 U	< 1 U	< 1 U	< 1 U	< 0.53 U	< 0.53 U
1,1-Dichloroethane	5	µg/L	< 1 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.4 U	< 0.24 U	< 0.25 U	< 0.25 U	< 0.25 U	< 1 U	< 1 U	< 1 U	< 0.57 U	< 0.57 U
1,1-Dichloroethene	5	µg/L	< 1 U	< 0.59 U	< 0.59 U	< 0.59 U	< 0.57 U	< 0.64 U	< 0.39 U	< 0.39 U	< 0.39 U	< 1 U	< 1 U	< 1 U	< 0.59 U	< 0.59 U
1,1-Dichloropropene	5	µg/L	NA	NA	NA	--	< 0.73 U	< 0.38 U	< 0.50 U	< 0.50 U	< 0.50 U	NA	NA	NA	NA	--
1,2,3-Trichlorobenzene	5	µg/L	< 1 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.5 U	< 0.45 U	< 0.33 U	< 0.33 U	< 0.33 U	< 1 U	< 1 U	< 1 U	< 0.50 U	< 0.50 U
1,2,3-Trichloropropane	0.04	µg/L	NA	NA	NA	--	< 0.84 U	< 0.72 U	< 0.82 U	< 0.82 U	< 0.82 U	NA	NA	NA	NA	--
1,2,4-Trichlorobenzene	5	µg/L	< 1 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.49 U	< 0.39 U	< 0.26 U	< 0.26 U	< 0.26 U	< 1 U	< 1 U	< 1 U	< 0.50 U	< 0.50 U
1,2,4-Trimethylbenzene	5	µg/L	NA	NA	NA	--	< 0.42 U	< 0.15 U	< 0.40 U	< 0.40 U	< 0.40 U	NA	NA	NA	NA	--
1,2-Dibromo-3-Chloropropane	0.04	µg/L	< 1 U	< 0.53 U	< 0.53 U	< 0.48 U	< 0.72 U	< 0.35 U	< 0.75 U	< 0.75 U	< 0.75 U	< 1 U	< 1 U	< 1 U	< 0.53 U	< 0.53 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	µg/L	< 1 U	< 0.48 U	< 0.48 U	< 0.48 U	< 0.3 U	< 0.31 U	< 0.50 U	< 0.50 U	< 0.50 U	< 1 U	< 1 U	< 1 U	< 0.48 U	< 0.48 U
1,2-Dichlorobenzene	3	µg/L	< 1 U	< 0.53 U	< 0.53 U	< 0.53 U	< 0.39 U	< 0.24 U	< 0.33 U	< 0.33 U	< 0.33 U	< 1 U	< 1 U	< 1 U	< 0.53 U	< 0.53 U
1,2-Dichloroethane	0.6	µg/L	< 0.5 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.33 U	< 0.16 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.60 U	< 0.60 U
1,2-Dichloroethane-D4	NSL	µg/L	NA	NA	NA	--	48.686 N	49.791 N	NA	NA	NA	NA	NA	NA	NA	--
1,2-Dichloropropane	1	µg/L	< 1 U	< 0.51 U	< 0.51 U	< 0.51 U	< 0.72 U	< 0.24 U	< 0.61 U	< 0.61 U	< 0.61 U	< 1 U	< 1 U	< 1 U	< 0.51 U	< 0.51 U
1,3,5-Trimethylbenzene (Mesitylene)	5	µg/L	NA	NA	NA	--	< 0.31 U	< 0.12 U	< 0.45 U	< 0.45 U	< 0.45 U	NA	NA	NA	NA	--
1,3-Dichlorobenzene	3	µg/L	< 1 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.36 U	< 0.19 U	< 0.29 U	< 0.29 U	< 0.29 U	< 1 U	< 1 U	< 1 U	< 0.54 U	< 0.54 U
1,3-Dichloropropane	5	µg/L	NA	NA	NA	--	< 0.6 U	< 0.26 U	< 0.22 U	< 0.22 U	< 0.22 U	NA	NA	NA	NA	--
1,4-Dichlorobenzene	3	µg/L	< 1 U	< 0.51 U	< 0.51 U	< 0.51 U	< 0.37 U	< 0.24 U	< 0.40 U	< 0.40 U	< 0.40 U	< 1 U	< 1 U	< 1 U	< 0.51 U	< 0.51 U
2,2-Dichloropropane	5	µg/L	NA	NA	NA	--	< 0.35 U	< 0.22 U	< 0.30 U	< 0.30 U	< 0.30 U	NA	NA	NA	NA	--
2-Chlorotoluene	NSL	µg/L	NA	NA	NA	--	< 0.53 U	< 0.3 U	< 0.54 U	< 0.54 U	< 0.54 U	NA	NA	NA	NA	--
2-Hexanone	50	µg/L	< 1 U	< 4.8 U	< 4.8 U	< 4.8 U	< 1.7 U	< 1.1 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1 U	< 1 U	< 1 U	< 4.8 U	< 4.8 U
4-Chlorotoluene	5	µg/L	NA	NA	NA	--	< 0.71 U	< 0.43 U	< 0.45 U	< 0.45 U	< 0.45 U	NA	NA	NA	NA	--
Acetone	50	µg/L	< 5 U	< 3.1 U	< 3.1 U	< 3.1 U	< 4.6 U	< 4.6 U	< 2.2 U	< 2.2 U	< 2.2 U	< 10 U	< 5 U	< 5 U	< 3.1 U	< 3.1 U
Benzene	1	µg/L	< 0.5 U	< 0.43 U	< 0.43 U	< 0.43 U	< 0.39 U	< 0.12 U	< 0.33 U	< 0.33 U	< 0.33 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.43 U	< 0.43 U
Bromobenzene	5	µg/L	NA	NA	NA	--	< 0.35 U	< 0.37 U	< 0.36 U	< 0.36 U	< 0.36 U	NA	NA	NA	NA	--
Bromochloromethane	5	µg/L	< 1 U	< 0.48 U	< 0.48 U	< 0.48 U	< 0.35 U	< 0.3 U	< 0.43 U	< 0.43 U	< 0.43 U	< 1 U	< 1 U	< 1 U	< 0.48 U	< 0.48 U
Bromodichloromethane	50	µg/L	< 1 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.43 U	< 0.2 U	< 0.26 U	< 0.26 U	< 0.26 U	< 1 U	< 1 U	< 1 U	< 0.45 U	< 0.45 U
Bromoform	50	µg/L	< 1 U	< 0.63 U	< 0.63 U	< 0.63 U	< 0.27 U	< 0.44 U	< 0.77 U	< 0.77 U	< 0.77 U	< 1 U	< 1 U	< 1 U	< 0.63 U	< 0.63 U
Bromomethane	5	µg/L	< 1 U	< 1.6 U	< 1.6 U	< 1.6 U	< 0.77 U	< 0.74 U	< 0.80 U	< 0.80 U	< 0.80 U	< 1 U	< 1 U	< 1 U	< 1.6 U	< 1.6 U
Carbon Disulfide	60	µg/L	< 1 U	< 1.8 U	< 1.8 U	< 1.8 U	< 0.25 U	< 0.34 U	< 0.34 U	< 0.34 U	< 0.34 U	< 1 U	< 1 U	< 1 U	< 1.8 U	< 1.8 U
Carbon Tetrachloride	5	µg/L	< 1 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.37 U	< 0.11 U	< 0.54 U	< 0.54 U	< 0.54 U	< 1 U	< 1 U	< 1 U	< 0.55 U	< 0.55 U
Chlorobenzene	5	µg/L	< 1 U	< 0.56 U	< 0.56 U	< 0.56 U	< 0.32 U	< 0.23 U	< 0.26 U	< 0.26 U	< 0.26 U	< 1 U	< 1 U	< 1 U	< 0.56 U	< 0.56 U
Chloroethane	5	µg/L	< 1 U	< 0.73 U	< 0.73 U	< 0.73 U	< 0.75 U	< 0.89 U	< 0.48 U	< 0.48 U	< 0.48 U	< 1 U	< 1 U	< 1 U	< 0.73 U	< 0.73 U
Chloroform	7	µg/L	< 1 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.4 U	< 0.3 U	< 0.33 U	< 0.33 U	< 0.33 U	< 1 U	< 1 U	< 1 U	< 0.50 U	< 0.50 U
Chloromethane (Methyl Chloride)	5	µg/L	< 1 U	< 0.76 U	< 0.76 U	< 0.76 U	< 0.44 U	< 0.54 U	< 0.26 U	< 0.26 U	< 0.26 U	< 1 U	< 1 U	< 1 U	< 0.76 U	< 0.76 U
Cis-1,2-Dichloroethylene	5	µg/L	**6.1**	1.9	2.1	< 0.51 U	3.1 J	< 0.34 U	1.8 J	1.6 J	**5.6**	< 1 U	< 1 U	< 1 U	3.7	< 0.51 U
Cis-1,3-Dichloropropene	0.4	µg/L	< 1 U	< 0.47 U	< 0.47 U	< 0.47 U	< 0.46 U	< 0.22 U	< 0.45 U	< 0.45 U	< 0.45 U	< 1 U	< 1 U	< 1 U	< 0.47 U	< 0.47 U
Cyclohexane	NSL	µg/L	< 1 U	< 0.78 U	< 0.78 U	< 0.78 U	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 0.78 U	< 0.78 U
Cymene	5	µg/L	NA	NA	NA	--	< 0.46 U	< 0.17 U	< 0.46 U	< 0.46 U	< 0.46 U	NA	NA	NA	NA	--
Dibromochloromethane	50	µg/L	< 1 U	< 0.56 U	< 0.56 U	< 0.56 U	< 0.33 U	< 0.2 U	< 0.57 U	< 0.57 U	< 0.57 U	< 1 U	< 1 U	< 1 U	< 0.56 U	< 0.56 U
Dibromofluoromethane	NSL	µg/L	NA	NA	NA	< 0.56 U	50.598 N	52.309 N	NA	NA	NA	NA	NA	NA	NA	< 0.56 U
Dibromomethane	5	µg/L	NA	NA	NA	--	< 0.76 U	< 0.26 U	< 0.49 U	< 0.49 U	< 0.49 U	NA	NA	NA	NA	--
Dichlorodifluoromethane	5	µg/L	< 1 U	< 0.56 U	< 0.56 U	--	< 0.77 U	< 0.47 U	< 0.66 U	< 0.66 U	< 0.66 U	< 1 U	< 1 U	< 1 U	< 0.56 U	--
Ethylbenzene	5	µg/L	< 1 U	< 0.60 U	< 0.60 U	< 0.60 U	< 0.33 U	< 0.23 U	< 0.35 U	< 0.35 U	< 0.35 U	< 1 U	< 1 U	< 1 U	< 0.60 U	< 0.60 U
Hexachlorobutadiene	0.5	µg/L	NA	NA	NA	--	< 0.84 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	NA	NA	NA	NA	--
Iodomethane (Methyl Iodide)	5	µg/L	NA	NA	NA	--	< 0.46 U	< 0.37 U	< 0.63 U	< 0.63 U	< 0.63 U	NA	NA	NA	NA	--
Isopropylbenzene (Cumene)	5	µg/L	< 1 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.27 U	< 0.2 U	< 0.38 U	< 0.38 U	< 0.38 U	< 1 U	< 1 U	< 1 U	< 0.65 U	< 0.65 U
M,P-Xylene (Sum Of Isomers)	5	µg/L	NA	< 0.78 U	< 0.78 U	< 0.78 U	NA	NA	NA	NA	NA	NA	NA	NA	< 0.78 U	< 0.78 U
Methyl Acetate	NSL	µg/L	< 1 U	< 0.80 U	< 0.80 U	< 0.80 U	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 0.80 U	< 0.80 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 1 U	< 2.7 U	< 2.7 U	< 2.7 U	< 1.9 U	< 2 U	< 2.1 U	< 2.1 U	< 2.1 U	< 1 U	< 1 U	< 1 U	< 2.7 U	< 2.7 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	< 1 U	< 4.9 U	< 4.9 U	< 4.9 U	< 2.9 U	< 1.5 U	< 0.82 U	< 0.82 U	< 0.82 U	< 1 U	< 1 U	< 1 U	< 4.9 U	< 4.9 U
Methylcyclohexane	NSL	µg/L	< 1 U	< 0.60 U	< 0.60 U	< 0.60 U	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 0.60 U	< 0.60 U
Methylene Chloride	5	µg/L	< 1 U	< 1.0 U	< 1.0 U	< 1.0 U	< 0.44 U	< 0.83 U	< 0.41 U	< 0.41 U	< 0.41 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 1.0 U
M-P-Xylene	5	µg/L	< 1 U	NA	NA	--	NA	NA	NA	NA	< 0.77 U	< 1 U	< 1 U	< 1 U	NA	--
Naphthalene	10	µg/L	NA	NA	NA	--	< 0.46 U	< 0.15 U	< 0.80 U	< 0.80 U	< 0.80 U	NA	NA	NA	NA	--
N-Butylbenzene	5	µg/L	NA	NA	NA	--	< 0.49 U	< 0.27 U	< 0.33 U	< 0.33 U	< 0.33 U	NA	NA	NA	NA	--
N-Propylbenzene	5	µg/L	NA	NA	NA	--	< 0.27 U	< 0.2 U	< 0.64 U	< 0.64 U	< 0.64 U	NA	NA	NA	NA	--
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	< 1 U	< 0.59 U	< 0.59 U	< 0.59 U	< 0.45 U	< 0.26 U	< 0.36 U	< 0.36 U	< 0.36 U	< 1 U	< 1 U	< 1 U	< 0.59 U	< 0.59 U
p-Bromofluorobenzene	NSL	µg/L	NA	NA	NA	--	48.065 N	43.624 N	NA	NA	NA	NA	NA	NA	NA	--
Sec-Butylbenzene	5	µg/L	NA	NA	NA	--	< 0.33 U	< 0.19 U	< 0.28 U	< 0.28 U	< 0.28 U	NA	NA	NA	NA	--
Styrene	5	µg/L	< 1 U	< 0.49 U	< 0.49 U	< 0.49 U	< 0.48 U	< 0.16 U	< 0.50 U	< 0.50 U	< 0.50 U	< 1 U	< 1 U	< 1 U	< 0.49 U	< 0.49 U
T-Butylbenzene	5	µg/L	NA	NA	NA	--	< 0.46 U	< 0.24 U	< 0.37 U	< 0.37 U	< 0.37 U	NA	NA	NA	NA	--
Tert-Butyl Methyl Ether	10	µg/L	5.1	< 0.51 U	< 0.51 U	< 0.51 U	< 0.43 U	< 0.25 U	1.7 J	1.7 J	0.68 J	< 0.5 U	< 0.5 U	< 0.5 U	< 0.51 U	< 0.51 U
Tetrachloroethylene (PCE)	5	µg/L	**18**	**5.9**	**6.4**	< 0.56 U	**60 N**	**10 N**	1.6 J	1.8 J	0.80 J	2.4	**10**	**13**	**25.4**	**8.2**
Toluene	5	µg/L	< 1 U	< 0.49 U	< 0.49 U	< 0.49 U	< 0.71 U	< 0.15 U	< 0.32 U	< 0.32 U	< 0.32 U	< 1 U	< 1 U	< 1 U	< 0.49 U	< 0.49 U
Toluene-D8	NSL	µg/L	NA	NA	NA	--	51.025 N	49.066 N	NA	NA	NA	NA	NA	NA	NA	--
Trans-1,2-Dichloroethene	5	µg/L	< 1 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.44 U	< 0.37 U	< 0.65 U	< 0.65 U	< 0.65 U	< 1 U	< 1 U	< 1 U	< 0.54 U	< 0.54 U
Trans-1,3-Dichloropropene	0.4	µg/L	< 1 U	< 0.43 U	< 0.43 U	< 0.43 U	< 0.66 U	< 0.27 U	< 0.48 U	< 0.48 U	< 0.48 U	< 1 U	< 1 U	< 1 U	< 0.43 U	< 0.43 U
Trichloroethylene (TCE)	5	µg/L	1.9	0.67 J	0.71 J	< 0.53 U	< 0.76 U	< 0.25 U	< 0.36 U	< 0.36 U	1.1 J	< 1 U	< 1 U	< 1 U	**13.4**	**6**
Trichlorofluoromethane	5	µg/L	< 1 U	< 0.40 U	< 0.40 U	< 0.40 U	< 0.84 U	< 0.6 U	< 0.54 U	< 0.54 U	< 0.54 U	< 1 U	< 1 U	< 1 U	< 0.40 U	< 0.40 U
Vinyl Acetate	NSL	µg/L	NA	NA	NA	--	< 0.46 U	< 0.43 U	< 0.35 U	< 0.35 U	< 0.35 U	NA	NA	NA	NA	--
Vinyl Chloride	2	µg/L	**2.5**	< 0.52 U	< 0.52 U	< 0.52 U	< 0.44 U	< 0.78 U	< 0.50 U	< 0.50 U	< 0.50 U	< 1 U	< 1 U	< 1 U	< 0.52 U	< 0.52 U
Xylenes	5	µg/L	< 1 U	< 0.59 U	< 0.59 U	< 0.59 U	< 0.92 U	< 0.4 U	< 0.77 U	< 0.77 U	< 0.36 U	< 1 U	< 1 U	< 1 U	< 0.59 U	< 0.59 U

(1) NYSDEC Ambient Water Quality Standard Class GA (Standard/guidance values) (Technical and Operational Guidance Series [TOGS] 1.1.1).

µg/L = Microgram(s) per liter
D = Indicates identified compound in analysis has been diluted.
J = Concentration is estimated
N = Indicates presumptive evidence of a compound.
NA = Not analyzed
NSL = No screening level available.
U = Analyte not detected.
VOCs = Volatile organic compounds.
Concentrations exceeding the screening level are bolded and shaded gray.

Table 1. Historical Analytical Results for VOCs

Location			MW-13	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13	MW-14	MW-14	MW-14	MW-14	MW-14
Sample Name			SL-MW-13	SL-MW-13	SL-MW-63	SL-MW-13	SL-MW-13	SL-MW-13	SL-MW-13	SL-MW-13	MW-13	SL-MW-14	SL-MW-14	SL-MW-14	SL-MW-14	SL-MW-14
Parent Sample Name					MW-13-20100202											
Sample Date			11/12/2008	2/2/2010	2/2/2010	5/10/2011	8/21/2012	11/14/2013	3/24/2015	5/11/2016	9/28/2017	11/14/2008	2/2/2010	5/10/2011	8/22/2012	11/14/2013
Analyte	NYSDEC AWQS[1]	Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
VOCs (SW8260/SW8260C)																
1,1,1,2-Tetrachloroethane	5	µg/L	< 0.45 U	< 0.28 U	< 0.28 U	< 0.41 U	< 0.41 U	NA	NA	NA	NA	< 0.45 U	< 0.28 U	< 0.41 U	< 0.41 U	NA
1,1,1-Trichloroethane (TCA)	5	µg/L	< 0.41 U	< 0.18 U	< 0.18 U	< 0.50 U	< 0.50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.41 U	< 0.18 U	< 0.50 U	< 0.50 U	< 1 U
1,1,2,2-Tetrachloroethane	5	µg/L	< 0.39 U	< 0.23 U	< 0.23 U	< 0.42 U	< 0.42 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.39 U	< 0.23 U	< 0.42 U	< 0.42 U	< 1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	< 1 U
1,1,2-Trichloroethane	1	µg/L	< 0.51 U	< 0.29 U	< 0.29 U	< 0.38 U	< 0.38 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.51 U	< 0.29 U	< 0.38 U	< 0.38 U	< 1 U
1,1-Dichloroethane	5	µg/L	< 0.4 U	< 0.24 U	< 0.24 U	< 0.25 U	< 0.25 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.4 U	< 0.24 U	< 0.25 U	< 0.25 U	< 1 U
1,1-Dichloroethene	5	µg/L	< 0.57 U	< 0.64 U	< 0.64 U	< 0.39 U	< 0.39 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.57 U	< 0.64 U	< 0.39 U	< 0.39 U	< 1 U
1,1-Dichloropropene	5	µg/L	< 0.73 U	< 0.38 U	< 0.38 U	< 0.50 U	< 0.50 U	NA	NA	NA	NA	< 0.73 U	< 0.38 U	< 0.50 U	< 0.50 U	NA
1,2,3-Trichlorobenzene	5	µg/L	< 0.5 U	< 0.45 U	< 0.45 U	< 0.33 U	< 0.33 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 0.45 U	< 0.33 U	< 0.33 U	< 1 U
1,2,3-Trichloropropane	0.04	µg/L	< 0.84 U	< 0.72 U	< 0.72 U	< 0.82 U	< 0.82 U	NA	NA	NA	NA	< 0.84 U	< 0.72 U	< 0.82 U	< 0.82 U	NA
1,2,4-Trichlorobenzene	5	µg/L	< 0.49 U	< 0.39 U	< 0.39 U	< 0.26 U	< 0.26 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.49 U	< 0.39 U	< 0.26 U	< 0.26 U	< 1 U
1,2,4-Trimethylbenzene	5	µg/L	< 0.42 U	< 0.15 U	< 0.15 U	< 0.40 U	< 0.40 U	NA	NA	NA	NA	< 0.42 U	< 0.15 U	< 0.40 U	< 0.40 U	NA
1,2-Dibromo-3-Chloropropane	0.04	µg/L	< 0.72 U	< 0.35 U	< 0.35 U	< 0.75 U	< 0.75 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.72 U	< 0.35 U	< 0.75 U	< 0.75 U	< 1 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	µg/L	< 0.3 U	< 0.31 U	< 0.31 U	< 0.50 U	< 0.50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.3 U	< 0.31 U	< 0.50 U	< 0.50 U	< 1 U
1,2-Dichlorobenzene	3	µg/L	< 0.39 U	< 0.24 U	< 0.24 U	< 0.33 U	< 0.33 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.39 U	< 0.24 U	< 0.33 U	< 0.33 U	< 1 U
1,2-Dichloroethane	0.6	µg/L	< 0.33 U	< 0.16 U	< 0.16 U	< 0.41 U	< 0.41 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.33 U	< 0.16 U	< 0.41 U	< 0.41 U	< 0.5 U
1,2-Dichloroethane-D4	NSL	µg/L	48.172 N	47.819 N	48.254 N	NA	NA	NA	NA	NA	NA	49.582 N	49.855 N	NA	NA	NA
1,2-Dichloropropane	1	µg/L	< 0.72 U	< 0.24 U	< 0.24 U	< 0.61 U	< 0.61 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.72 U	< 0.24 U	< 0.61 U	< 0.61 U	< 1 U
1,3,5-Trimethylbenzene (Mesitylene)	5	µg/L	< 0.31 U	< 0.12 U	< 0.12 U	< 0.45 U	< 0.45 U	NA	NA	NA	NA	< 0.31 U	< 0.12 U	< 0.45 U	< 0.45 U	NA
1,3-Dichlorobenzene	3	µg/L	< 0.36 U	< 0.19 U	< 0.19 U	< 0.29 U	< 0.29 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.36 U	< 0.19 U	< 0.29 U	< 0.29 U	< 1 U
1,3-Dichloropropane	5	µg/L	< 0.6 U	< 0.26 U	< 0.26 U	< 0.22 U	< 0.22 U	NA	NA	NA	NA	< 0.6 U	< 0.26 U	< 0.22 U	< 0.22 U	NA
1,4-Dichlorobenzene	3	µg/L	< 0.37 U	< 0.24 U	< 0.24 U	< 0.40 U	< 0.40 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.37 U	< 0.24 U	< 0.40 U	< 0.40 U	< 1 U
2,2-Dichloropropane	5	µg/L	< 0.35 U	< 0.22 U	< 0.22 U	< 0.30 U	< 0.30 U	NA	NA	NA	NA	< 0.35 U	< 0.22 U	< 0.30 U	< 0.30 U	NA
2-Chlorotoluene	NSL	µg/L	< 0.53 U	< 0.3 U	< 0.3 U	< 0.54 U	< 0.54 U	NA	NA	NA	NA	< 0.53 U	< 0.3 U	< 0.54 U	< 0.54 U	NA
2-Hexanone	50	µg/L	< 1.7 U	< 1.1 U	< 1.1 U	< 1.7 U	< 1.7 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.7 U	< 1.1 U	< 1.7 U	< 1.7 U	< 1 U
4-Chlorotoluene	5	µg/L	< 0.71 U	< 0.43 U	< 0.43 U	< 0.45 U	< 0.45 U	NA	NA	NA	NA	< 0.71 U	< 0.43 U	< 0.45 U	< 0.45 U	NA
Acetone	50	µg/L	< 4.6 U	< 4.6 U	< 4.6 U	< 2.2 U	< 2.2 U	< 10 U	< 5 U	< 5 U	< 5 U	< 4.6 U	< 4.6 U	< 2.2 U	< 2.2 U	< 10 U
Benzene	1	µg/L	< 0.39 U	< 0.12 U	< 0.12 U	< 0.33 U	< 0.33 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.39 U	< 0.12 U	< 0.33 U	< 0.33 U	< 0.5 U
Bromobenzene	5	µg/L	< 0.35 U	< 0.37 U	< 0.37 U	< 0.36 U	< 0.36 U	NA	NA	NA	NA	< 0.35 U	< 0.37 U	< 0.36 U	< 0.36 U	NA
Bromochloromethane	5	µg/L	< 0.35 U	< 0.3 U	< 0.3 U	< 0.43 U	< 0.43 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.35 U	< 0.3 U	< 0.43 U	< 0.43 U	< 1 U
Bromodichloromethane	50	µg/L	< 0.43 U	< 0.2 U	< 0.2 U	< 0.26 U	< 0.26 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.43 U	< 0.2 U	< 0.26 U	< 0.26 U	< 1 U
Bromoform	50	µg/L	< 0.27 U	< 0.44 U	< 0.44 U	< 0.77 U	< 0.77 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.27 U	< 0.44 U	< 0.77 U	< 0.77 U	< 1 U
Bromomethane	5	µg/L	< 0.77 U	< 0.74 U	< 0.74 U	< 0.80 U	< 0.80 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.77 U	< 0.74 U	< 0.80 U	< 0.80 U	< 1 U
Carbon Disulfide	60	µg/L	< 0.25 U	< 0.34 U	< 0.34 U	< 0.34 U	< 0.34 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.25 U	< 0.34 U	< 0.34 U	< 0.34 U	< 1 U
Carbon Tetrachloride	5	µg/L	< 0.37 U	< 0.11 U	< 0.11 U	< 0.54 U	< 0.54 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.37 U	< 0.11 U	< 0.54 U	< 0.54 U	< 1 U
Chlorobenzene	5	µg/L	< 0.32 U	< 0.23 U	< 0.23 U	< 0.26 U	< 0.26 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.32 U	< 0.23 U	< 0.26 U	< 0.26 U	< 1 U
Chloroethane	5	µg/L	< 0.75 U	< 0.89 U	< 0.89 U	< 0.48 U	< 0.48 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.75 U	< 0.89 U	< 0.48 U	< 0.48 U	< 1 U
Chloroform	7	µg/L	2.7 J	< 0.3 U	< 0.3 U	< 0.33 U	< 0.33 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.4 U	< 0.3 U	< 0.33 U	< 0.33 U	< 1 U
Chloromethane (Methyl Chloride)	5	µg/L	< 0.44 U	< 0.54 U	< 0.54 U	< 0.26 U	< 0.26 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.44 U	< 0.54 U	< 0.26 U	< 0.26 U	< 1 U
Cis-1,2-Dichloroethylene	5	µg/L	< 0.59 U	< 0.34 U	< 0.34 U	< 0.48 U	< 0.48 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.59 U	< 0.34 U	< 0.48 U	< 0.48 U	< 1 U
Cis-1,3-Dichloropropene	0.4	µg/L	< 0.46 U	< 0.22 U	< 0.22 U	< 0.45 U	< 0.45 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.46 U	< 0.22 U	< 0.45 U	< 0.45 U	< 1 U
Cyclohexane	NSL	µg/L	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	< 1 U
Cymene	5	µg/L	< 0.46 U	< 0.17 U	< 0.17 U	< 0.46 U	< 0.46 U	NA	NA	NA	NA	< 0.46 U	< 0.17 U	< 0.46 U	< 0.46 U	NA
Dibromochloromethane	50	µg/L	< 0.33 U	< 0.2 U	< 0.2 U	< 0.57 U	< 0.57 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.33 U	< 0.2 U	< 0.57 U	< 0.57 U	< 1 U
Dibromofluoromethane	NSL	µg/L	48.818 N	51.691 N	52.327 N	NA	NA	NA	NA	NA	NA	48.238 N	52.992 N	NA	NA	NA
Dibromomethane	5	µg/L	< 0.76 U	< 0.26 U	< 0.26 U	< 0.49 U	< 0.49 U	NA	NA	NA	NA	< 0.76 U	< 0.26 U	< 0.49 U	< 0.49 U	NA
Dichlorodifluoromethane	5	µg/L	< 0.77 U	< 0.47 U	< 0.47 U	< 0.66 U	< 0.66 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.77 U	< 0.47 U	< 0.66 U	< 0.66 U	< 1 U
Ethylbenzene	5	µg/L	< 0.33 U	< 0.23 U	< 0.23 U	< 0.35 U	< 0.35 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.33 U	< 0.23 U	< 0.35 U	< 0.35 U	< 1 U
Hexachlorobutadiene	0.5	µg/L	< 0.84 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	NA	NA	NA	NA	< 0.84 U	< 0.41 U	< 0.41 U	< 0.41 U	NA
Iodomethane (Methyl Iodide)	5	µg/L	< 0.46 U	< 0.37 U	< 0.37 U	< 0.63 U	< 0.63 U	NA	NA	NA	NA	< 0.46 U	< 0.37 U	< 0.63 U	< 0.63 U	NA
Isopropylbenzene (Cumene)	5	µg/L	< 0.27 U	< 0.2 U	< 0.2 U	< 0.38 U	< 0.38 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.27 U	< 0.2 U	< 0.38 U	< 0.38 U	< 1 U
M,P-Xylene (Sum Of Isomers)	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Acetate	NSL	µg/L	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	< 1 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 1.9 U	< 2 U	< 2 U	< 2.1 U	< 2.1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.9 U	< 2 U	< 2.1 U	< 2.1 U	< 1 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	< 2.9 U	< 1.5 U	< 1.5 U	< 0.82 U	< 0.82 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2.9 U	< 1.5 U	< 0.82 U	< 0.82 U	< 1 U
Methylcyclohexane	NSL	µg/L	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	< 1 U
Methylene Chloride	5	µg/L	< 0.44 U	< 0.83 U	1.3 J	< 0.41 U	< 0.41 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.44 U	< 0.83 U	< 0.41 U	< 0.41 U	< 1 U
M-P-Xylene	5	µg/L	NA	NA	NA	NA	< 0.77 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	< 0.77 U	< 1 U
Naphthalene	10	µg/L	< 0.46 U	< 0.15 U	< 0.15 U	< 0.80 U	< 0.80 U	NA	NA	NA	NA	< 0.46 U	< 0.15 U	< 0.80 U	< 0.80 U	NA
N-Butylbenzene	5	µg/L	< 0.49 U	< 0.27 U	< 0.27 U	< 0.33 U	< 0.33 U	NA	NA	NA	NA	< 0.49 U	< 0.27 U	< 0.33 U	< 0.33 U	NA
N-Propylbenzene	5	µg/L	< 0.27 U	< 0.2 U	< 0.2 U	< 0.64 U	< 0.64 U	NA	NA	NA	NA	< 0.27 U	< 0.2 U	< 0.64 U	< 0.64 U	NA
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	< 0.45 U	< 0.26 U	< 0.26 U	< 0.36 U	< 0.36 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.45 U	< 0.26 U	< 0.36 U	< 0.36 U	< 1 U
p-Bromofluorobenzene	NSL	µg/L	49.794 N	43.731 N	43.448 N	NA	NA	NA	NA	NA	NA	48.395 N	43.177 N	NA	NA	NA
Sec-Butylbenzene	5	µg/L	< 0.33 U	< 0.19 U	< 0.19 U	< 0.28 U	< 0.28 U	NA	NA	NA	NA	< 0.33 U	< 0.19 U	< 0.28 U	< 0.28 U	NA
Styrene	5	µg/L	< 0.48 U	< 0.16 U	< 0.16 U	< 0.50 U	< 0.50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.48 U	< 0.16 U	< 0.50 U	< 0.50 U	< 1 U
T-Butylbenzene	5	µg/L	< 0.46 U	< 0.24 U	< 0.24 U	< 0.37 U	< 0.37 U	NA	NA	NA	NA	< 0.46 U	< 0.24 U	< 0.37 U	< 0.37 U	NA
Tert-Butyl Methyl Ether	10	µg/L	< 0.43 U	< 0.25 U	< 0.25 U	< 0.24 U	6.7	1.2	1.4	0.6	< 0.5 U	< 0.43 U	1.1 J	8.0	4.6 J	6.8
Tetrachloroethylene (PCE)	5	µg/L	1 J	< 0.27 U	< 0.27 U	< 0.65 U	1.0 J	< 1 U	< 1 U	< 1 U	1.3	< 0.46 U	< 0.27 U	< 0.65 U	< 0.65 U	< 1 U
Toluene	5	µg/L	< 0.71 U	< 0.15 U	< 0.15 U	< 0.32 U	< 0.32 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.71 U	< 0.15 U	< 0.32 U	< 0.32 U	< 1 U
Toluene-D8	NSL	µg/L	50.801 N	49.693 N	49.413 N	NA	NA	NA	NA	NA	NA	51.44 N	48.75 N	NA	NA	NA
Trans-1,2-Dichloroethene	5	µg/L	< 0.44 U	< 0.37 U	< 0.37 U	< 0.65 U	< 0.65 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.44 U	< 0.37 U	< 0.65 U	< 0.65 U	< 1 U
Trans-1,3-Dichloropropene	0.4	µg/L	< 0.66 U	< 0.27 U	< 0.27 U	< 0.48 U	< 0.48 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.66 U	< 0.27 U	< 0.48 U	< 0.48 U	< 1 U
Trichloroethylene (TCE)	5	µg/L	< 0.76 U	< 0.25 U	< 0.25 U	< 0.36 U	0.71 J	< 1 U	< 1 U	< 1 U	< 1 U	< 0.76 U	< 0.25 U	< 0.36 U	< 0.36 U	< 1 U
Trichlorofluoromethane	5	µg/L	< 0.84 U	< 0.6 U	< 0.6 U	< 0.54 U	< 0.54 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.84 U	< 0.6 U	< 0.54 U	< 0.54 U	< 1 U
Vinyl Acetate	NSL	µg/L	< 0.46 U	< 0.43 U	< 0.43 U	< 0.35 U	< 0.35 U	NA	NA	NA	NA	< 0.46 U	< 0.43 U	< 0.35 U	< 0.35 U	NA
Vinyl Chloride	2	µg/L	< 0.44 U	< 0.78 U	< 0.78 U	< 0.50 U	< 0.50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.44 U	< 0.78 U	< 0.50 U	< 0.50 U	< 1 U
Xylenes	5	µg/L	< 0.92 U	< 0.4 U	< 0.4 U	< 0.77 U	< 0.36 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.92 U	< 0.4 U	< 0.77 U	< 0.36 U	< 1 U

(1) NYSDEC Ambient Water Quality Standard Class GA (Standard/guidance values) (Technical and Operational Guidance Series [TOGS] 1.1.1).

µg/L = Microgram(s) per liter

D = Indicates identified compound in analysis has been diluted.

J = Concentration is estimated

N = Indicates presumptive evidence of a compound.

NA = Not analyzed

NSL = No screening level available.

U = Analyte not detected.

VOCs = Volatile organic compounds.

Concentrations exceeding the screening level are bolded and shaded gray.

Table 1. Historical Analytical Results for VOCs

Location			MW-14	MW-14	MW-14	MW-14	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-16	MW-23S
Sample Name			SL-MW-14	SL-MW-14	MW-14	152077-MW-14-10182023	SL-MW-16	SL-MW-16	SL-MW-16	SL-MW-16	SL-MW-16	SL-MW-16	SL-MW-16	MW-16	152077-MW-16-20250421	SL-MW-23S
Parent Sample Name																
Sample Date			3/25/2015	5/11/2016	9/21/2017	10/18/2023	11/12/2008	2/2/2010	5/11/2011	8/22/2012	11/12/2013	3/24/2015	5/11/2016	9/20/2017	4/21/2025	11/12/2008
Analyte	NYSDEC AWQS[1]	Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
VOCs (SW8260/SW8260C)																
1,1,1,2-Tetrachloroethane	5	µg/L	NA	NA	NA	NA	< 0.45 U	< 0.28 U	< 0.41 U	< 0.41 U	NA	NA	NA	NA	--	< 0.45 U
1,1,1-Trichloroethane (TCA)	5	µg/L	< 1 U	< 1 U	< 1 U	< 0.54 U	< 0.41 U	2.8 J	< 0.50 U	1.7 J	< 1 U	< 1 U	< 1 U	< 1 U	< 0.54 U	1.6 J
1,1,2,2-Tetrachloroethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 0.65 U	< 0.39 U	< 0.23 U	< 0.42 U	< 0.42 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.65 U	< 0.39 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 0.58 U	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 0.58 U	NA
1,1,2-Trichloroethane	1	µg/L	< 1 U	< 1 U	< 1 U	< 0.53 U	< 0.51 U	< 0.29 U	< 0.38 U	< 0.38 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.53 U	< 0.51 U
1,1-Dichloroethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 0.57 U	< 0.4 U	< 0.24 U	< 0.25 U	< 0.25 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.57 U	< 0.4 U
1,1-Dichloroethene	5	µg/L	< 1 U	< 1 U	< 1 U	< 0.59 U	< 0.57 U	2.4 J	< 0.39 U	1.1 J	< 1 U	< 1 U	< 1 U	< 1 U	< 0.59 U	< 0.57 U
1,1-Dichloropropene	5	µg/L	NA	NA	NA	NA	< 0.73 U	< 0.38 U	< 0.50 U	< 0.50 U	NA	NA	NA	NA	--	< 0.73 U
1,2,3-Trichlorobenzene	5	µg/L	< 1 U	< 1 U	< 1 U	< 0.50 U	< 0.5 U	< 0.45 U	< 0.33 U	< 0.33 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.50 U	< 0.5 U
1,2,3-Trichloropropane	0.04	µg/L	NA	NA	NA	NA	< 0.84 U	< 0.72 U	< 0.82 U	< 0.82 U	NA	NA	NA	NA	--	< 0.84 U
1,2,4-Trichlorobenzene	5	µg/L	< 1 U	< 1 U	< 1 U	< 0.50 U	< 0.49 U	< 0.39 U	< 0.26 U	< 0.26 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.50 U	< 0.49 U
1,2,4-Trimethylbenzene	5	µg/L	NA	NA	NA	NA	< 0.42 U	< 0.15 U	< 0.40 U	< 0.40 U	NA	NA	NA	NA	--	< 0.42 U
1,2-Dibromo-3-Chloropropane	0.04	µg/L	< 1 U	< 1 U	< 1 U	< 0.53 U	< 0.72 U	< 0.35 U	< 0.75 U	< 0.75 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.53 U	< 0.72 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	µg/L	< 1 U	< 1 U	< 1 U	< 0.48 U	< 0.3 U	< 0.31 U	< 0.50 U	< 0.50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.48 U	< 0.3 U
1,2-Dichlorobenzene	3	µg/L	< 1 U	< 1 U	< 1 U	< 0.53 U	< 0.39 U	< 0.24 U	< 0.33 U	< 0.33 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.53 U	< 0.39 U
1,2-Dichloroethane	0.6	µg/L	< 0.5 U	< 0.5 U	< 0.5 U	< 0.60 U	< 0.33 U	< 0.16 U	< 0.41 U	< 0.41 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.60 U	< 0.33 U
1,2-Dichloroethane-D4	NSL	µg/L	NA	NA	NA	NA	48.022 N	45.975 N	NA	NA	NA	NA	NA	NA	--	46.336 N
1,2-Dichloropropane	1	µg/L	< 1 U	< 1 U	< 1 U	< 0.51 U	< 0.72 U	< 0.24 U	< 0.61 U	< 0.61 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.51 U	< 0.72 U
1,3,5-Trimethylbenzene (Mesitylene)	5	µg/L	NA	NA	NA	NA	< 0.31 U	< 0.12 U	< 0.45 U	< 0.45 U	NA	NA	NA	NA	--	< 0.31 U
1,3-Dichlorobenzene	3	µg/L	< 1 U	< 1 U	< 1 U	< 0.54 U	< 0.36 U	< 0.19 U	< 0.29 U	< 0.29 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.54 U	< 0.36 U
1,3-Dichloropropane	5	µg/L	NA	NA	NA	NA	< 0.6 U	< 0.26 U	< 0.22 U	< 0.22 U	NA	NA	NA	NA	--	< 0.6 U
1,4-Dichlorobenzene	3	µg/L	< 1 U	< 1 U	< 1 U	< 0.51 U	< 0.37 U	< 0.24 U	< 0.40 U	< 0.40 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.51 U	< 0.37 U
2,2-Dichloropropane	5	µg/L	NA	NA	NA	NA	< 0.35 U	< 0.22 U	< 0.30 U	< 0.30 U	NA	NA	NA	NA	--	< 0.35 U
2-Chlorotoluene	NSL	µg/L	NA	NA	NA	NA	< 0.53 U	< 0.3 U	< 0.54 U	< 0.54 U	NA	NA	NA	NA	--	< 0.53 U
2-Hexanone	50	µg/L	< 1 U	< 1 U	< 1 U	< 4.8 U	< 1.7 U	< 1.1 U	< 1.7 U	< 1.7 U	< 1 U	< 1 U	< 1 U	< 1 U	< 4.8 U	< 1.7 U
4-Chlorotoluene	5	µg/L	NA	NA	NA	NA	< 0.71 U	< 0.43 U	< 0.45 U	< 0.45 U	NA	NA	NA	NA	--	< 0.71 U
Acetone	50	µg/L	< 5 U	< 5 U	< 5 U	< 3.1 U	< 4.6 U	< 4.6 U	< 2.2 U	< 2.2 U	13.0	< 5 U	< 5 U	< 5 U	< 3.1 U	< 4.6 U
Benzene	1	µg/L	< 0.5 U	< 0.5 U	< 0.5 U	< 0.43 U	< 0.39 U	< 0.12 U	< 0.33 U	< 0.33 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.43 U	< 0.39 U
Bromobenzene	5	µg/L	NA	NA	NA	NA	< 0.35 U	< 0.37 U	< 0.36 U	< 0.36 U	NA	NA	NA	NA	--	< 0.35 U
Bromochloromethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 0.48 U	< 0.35 U	< 0.3 U	< 0.43 U	< 0.43 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.48 U	< 0.35 U
Bromodichloromethane	50	µg/L	< 1 U	< 1 U	< 1 U	< 0.45 U	< 0.43 U	< 0.2 U	< 0.26 U	< 0.26 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.45 U	< 0.43 U
Bromoform	50	µg/L	< 1 U	< 1 U	< 1 U	< 0.63 U	< 0.27 U	< 0.44 U	< 0.77 U	< 0.77 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.63 U	< 0.27 U
Bromomethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1.6 U	< 0.77 U	< 0.74 U	< 0.80 U	< 0.80 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.6 U	< 0.77 U
Carbon Disulfide	60	µg/L	< 1 U	< 1 U	< 1 U	< 1.8 U	< 0.25 U	< 0.34 U	< 0.34 U	< 0.34 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.8 U	< 0.25 U
Carbon Tetrachloride	5	µg/L	< 1 U	< 1 U	< 1 U	< 0.55 U	< 0.37 U	< 0.11 U	< 0.54 U	< 0.54 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.55 U	< 0.37 U
Chlorobenzene	5	µg/L	< 1 U	< 1 U	< 1 U	< 0.56 U	< 0.32 U	< 0.23 U	< 0.26 U	< 0.26 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.56 U	< 0.32 U
Chloroethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 0.73 U	< 0.75 U	< 0.89 U	< 0.48 U	< 0.48 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.73 U	< 0.75 U
Chloroform	7	µg/L	< 1 U	< 1 U	< 1 U	< 0.50 U	< 0.4 U	< 0.3 U	< 0.33 U	< 0.33 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.50 U	< 0.4 U
Chloromethane (Methyl Chloride)	5	µg/L	< 1 U	< 1 U	< 1 U	< 0.76 U	< 0.44 U	< 0.54 U	< 0.26 U	< 0.26 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.76 U	< 0.44 U
Cis-1,2-Dichloroethylene	5	µg/L	< 1 U	< 1 U	< 1 U	< 0.51 U	2.1 J	**16 N**	**8.0**	**20**	1.1	< 1 U	**6.8**	**7.4**	2	**45 N**
Cis-1,3-Dichloropropene	0.4	µg/L	< 1 U	< 1 U	< 1 U	< 0.47 U	< 0.46 U	< 0.22 U	< 0.45 U	< 0.45 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.47 U	< 0.46 U
Cyclohexane	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 0.78 U	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 0.78 U	NA
Cymene	5	µg/L	NA	NA	NA	NA	< 0.46 U	< 0.17 U	< 0.46 U	< 0.46 U	NA	NA	NA	NA	--	< 0.46 U
Dibromochloromethane	50	µg/L	< 1 U	< 1 U	< 1 U	< 0.56 U	< 0.33 U	< 0.2 U	< 0.57 U	< 0.57 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.56 U	< 0.33 U
Dibromofluoromethane	NSL	µg/L	NA	NA	NA	NA	49.066 N	50.542 N	NA	NA	NA	NA	NA	NA	< 0.56 U	47.134 N
Dibromomethane	5	µg/L	NA	NA	NA	NA	< 0.76 U	< 0.26 U	< 0.49 U	< 0.49 U	NA	NA	NA	NA	--	< 0.76 U
Dichlorodifluoromethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 0.56 U	< 0.77 U	< 0.47 U	< 0.66 U	< 0.66 U	< 1 U	< 1 U	< 1 U	< 1 U	--	< 0.77 U
Ethylbenzene	5	µg/L	< 1 U	< 1 U	< 1 U	< 0.60 U	< 0.33 U	< 0.23 U	< 0.35 U	< 0.35 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.60 U	< 0.33 U
Hexachlorobutadiene	0.5	µg/L	NA	NA	NA	NA	< 0.84 U	< 0.41 U	< 0.41 U	< 0.41 U	NA	NA	NA	NA	--	< 0.84 U
Iodomethane (Methyl Iodide)	5	µg/L	NA	NA	NA	NA	< 0.46 U	< 0.37 U	< 0.63 U	< 0.63 U	NA	NA	NA	NA	--	< 0.46 U
Isopropylbenzene (Cumene)	5	µg/L	< 1 U	< 1 U	< 1 U	< 0.65 U	< 0.27 U	< 0.2 U	< 0.38 U	< 0.38 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.65 U	< 0.27 U
M,P-Xylene (Sum Of Isomers)	5	µg/L	NA	NA	NA	< 0.78 U	NA	NA	NA	NA	NA	NA	NA	NA	< 0.78 U	NA
Methyl Acetate	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 0.80 U	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 0.80 U	NA
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 1 U	< 1 U	< 1 U	< 2.7 U	< 1.9 U	< 2 U	< 2.1 U	< 2.1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2.7 U	< 1.9 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 4.9 U	< 2.9 U	< 1.5 U	< 0.82 U	< 0.82 U	< 1 U	< 1 U	< 1 U	< 1 U	< 4.9 U	< 2.9 U
Methylcyclohexane	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 0.60 U	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 0.60 U	NA
Methylene Chloride	5	µg/L	< 1 U	< 1 U	< 1 U	< 1.0 U	< 0.44 U	< 0.83 U	< 0.41 U	< 0.41 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 0.44 U
M-P-Xylene	5	µg/L	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	< 0.77 U	< 1 U	< 1 U	< 1 U	< 1 U	--	NA
Naphthalene	10	µg/L	NA	NA	NA	NA	< 0.46 U	< 0.15 U	< 0.80 U	< 0.80 U	NA	NA	NA	NA	--	< 0.46 U
N-Butylbenzene	5	µg/L	NA	NA	NA	NA	< 0.49 U	< 0.27 U	< 0.33 U	< 0.33 U	NA	NA	NA	NA	--	< 0.49 U
N-Propylbenzene	5	µg/L	NA	NA	NA	NA	< 0.27 U	< 0.2 U	< 0.64 U	< 0.64 U	NA	NA	NA	NA	--	< 0.27 U
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	< 1 U	< 1 U	< 1 U	< 0.59 U	< 0.45 U	< 0.26 U	< 0.36 U	< 0.36 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.59 U	< 0.45 U
p-Bromofluorobenzene	NSL	µg/L	NA	NA	NA	NA	48.216 N	42.104 N	NA	NA	NA	NA	NA	NA	--	48.682 N
Sec-Butylbenzene	5	µg/L	NA	NA	NA	NA	< 0.33 U	< 0.19 U	< 0.28 U	< 0.28 U	NA	NA	NA	NA	--	< 0.33 U
Styrene	5	µg/L	< 1 U	< 1 U	< 1 U	< 0.49 U	< 0.48 U	< 0.16 U	< 0.50 U	< 0.50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.49 U	< 0.48 U
T-Butylbenzene	5	µg/L	NA	NA	NA	NA	< 0.46 U	< 0.24 U	< 0.37 U	< 0.37 U	NA	NA	NA	NA	--	< 0.46 U
Tert-Butyl Methyl Ether	10	µg/L	0.8	0.7	< 0.5 U	< 0.51 U	< 0.43 U	< 0.25 U	< 0.24 U	1.4 J	0.7	< 0.5 U	**13**	**11**	< 0.51 U	< 0.43 U
Tetrachloroethylene (PCE)	5	µg/L	< 1 U	< 1 U	< 1 U	< 0.56 U	**6.9 N**	**48 N**	**95**	**100**	3.7	< 1 U	**22**	**23**	2.5	**500 D**
Toluene	5	µg/L	< 1 U	< 1 U	< 1 U	< 0.49 U	< 0.71 U	< 0.15 U	< 0.32 U	< 0.32 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.49 U	< 0.71 U
Toluene-D8	NSL	µg/L	NA	NA	NA	NA	49.692 N	48.162 N	NA	NA	NA	NA	NA	NA	--	51.069 N
Trans-1,2-Dichloroethene	5	µg/L	< 1 U	< 1 U	< 1 U	< 0.54 U	< 0.44 U	< 0.37 U	< 0.65 U	< 0.65 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.54 U	< 0.44 U
Trans-1,3-Dichloropropene	0.4	µg/L	< 1 U	< 1 U	< 1 U	< 0.43 U	< 0.66 U	< 0.27 U	< 0.48 U	< 0.48 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.43 U	< 0.66 U
Trichloroethylene (TCE)	5	µg/L	< 1 U	< 1 U	< 1 U	< 0.53 U	1.1 J	**11 N**	**7.5**	**9.5**	< 1 U	< 1 U	3.0	3.6	0.58 J	**18 N**
Trichlorofluoromethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 0.40 U	< 0.84 U	< 0.6 U	< 0.54 U	< 0.54 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.40 U	< 0.84 U
Vinyl Acetate	NSL	µg/L	NA	NA	NA	NA	< 0.46 U	< 0.43 U	< 0.35 U	< 0.35 U	NA	NA	NA	NA	--	< 0.46 U
Vinyl Chloride	2	µg/L	< 1 U	< 1 U	< 1 U	< 0.52 U	< 0.44 U	1.2 J	< 0.50 U	**2.1 J**	< 1 U	< 1 U	< 1 U	1.2	< 0.52 U	< 0.44 U
Xylenes	5	µg/L	< 1 U	< 1 U	< 1 U	< 0.59 U	< 0.92 U	< 0.4 U	< 0.77 U	< 0.36 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.59 U	< 0.92 U

(1) NYSDEC Ambient Water Quality Standard Class GA (Standard/guidance values) (Technical and Operational Guidance Series [TOGS] 1.1.1).

µg/L = Microgram(s) per liter
D = Indicates identified compound in analysis has been diluted.
J = Concentration is estimated
N = Indicates presumptive evidence of a compound.
NA = Not analyzed
NSL = No screening level available.
U = Analyte not detected.
VOCs = Volatile organic compounds.
Concentrations exceeding the screening level are bolded and shaded gray.

Table 1. Historical Analytical Results for VOCs

Location			MW-23S	MW-23S	MW-23S	MW-23S	MW-23S	MW-23S	MW-23S	MW-23S	MW-23S	MW-23D	MW-23D	MW-23D	MW-23D
Sample Name			SL-MW-23S	SL-MW-23S	SL-MW-23SDL	SL-MW-23S	SL-MW-23S	SL-MW-23S	SL-MW-23S	MW-23S	152077-MW-23S-10172023	152077-MW-23S-20250421	SL-MW-23D	SL-MW-73D MW-23D-20081112	SL-MW-23D	SL-MW-23D
Parent Sample Name																
Sample Date			2/3/2010	5/11/2011	5/11/2011	8/21/2012	11/13/2013	3/25/2015	5/12/2016	9/19/2017	10/17/2023	4/21/2025	11/12/2008	11/12/2008	2/3/2010	5/11/2011
Analyte	NYSDEC AWQS[1]	Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
VOCs (SW8260/SW8260C)																
1,1,1,2-Tetrachloroethane	5	µg/L	< 0.28 U	< 0.41 U	NA	< 0.41 U	NA	NA	NA	NA	NA	--	< 0.45 U	< 0.45 U	< 0.28 U	< 0.41 U
1,1,1-Trichloroethane (TCA)	5	µg/L	1.3 J	3.8 J	NA	3.5 J	< 50 U	< 1 U	< 20 U	< 5 U	< 0.54 U	< 0.54 U	< 0.41 U	< 0.41 U	< 0.18 U	< 0.50 U
1,1,2,2-Tetrachloroethane	5	µg/L	< 0.23 U	< 0.42 U	NA	< 0.42 U	< 50 U	< 1 U	< 20 U	< 5 U	< 0.65 U	< 0.65 U	< 0.39 U	< 0.39 U	< 0.23 U	< 0.42 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	NA	NA	NA	NA	< 50 U	< 1 U	< 20 U	< 5 U	< 0.58 U	< 0.58 U	NA	NA	NA	NA
1,1,2-Trichloroethane	1	µg/L	< 0.29 U	< 0.38 U	NA	< 0.38 U	< 50 U	< 1 U	< 20 U	< 5 U	< 0.53 U	< 0.53 U	< 0.51 U	< 0.51 U	< 0.29 U	< 0.38 U
1,1-Dichloroethane	5	µg/L	< 0.24 U	1.6 J	NA	< 0.25 U	< 50 U	< 1 U	< 20 U	< 5 U	< 0.57 U	< 0.57 U	< 0.4 U	< 0.4 U	< 0.24 U	< 0.25 U
1,1-Dichloroethene	5	µg/L	< 0.64 U	2.5 J	NA	2.2 J	< 50 U	< 1 U	< 20 U	< 5 U	< 0.59 U	< 0.59 U	< 0.57 U	< 0.57 U	< 0.64 U	< 0.39 U
1,1-Dichloropropene	5	µg/L	< 0.38 U	< 0.50 U	NA	< 0.50 U	NA	NA	NA	NA	NA	--	< 0.73 U	< 0.73 U	< 0.38 U	< 0.50 U
1,2,3-Trichlorobenzene	5	µg/L	< 0.45 U	< 0.33 U	NA	< 0.33 U	< 50 U	< 1 U	< 20 U	< 5 U	< 0.50 U	< 0.50 U	< 0.5 U	< 0.5 U	< 0.45 U	< 0.33 U
1,2,3-Trichloropropane	0.04	µg/L	< 0.72 U	< 0.82 U	NA	< 0.82 U	NA	NA	NA	NA	NA	--	< 0.84 U	< 0.84 U	< 0.72 U	< 0.82 U
1,2,4-Trichlorobenzene	5	µg/L	< 0.39 U	< 0.26 U	NA	< 0.26 U	< 50 U	< 1 U	< 20 U	< 5 U	< 0.50 U	< 0.50 U	< 0.49 U	< 0.49 U	< 0.39 U	< 0.26 U
1,2,4-Trimethylbenzene	5	µg/L	< 0.15 U	< 0.40 U	NA	< 0.40 U	NA	NA	NA	NA	NA	--	< 0.42 U	< 0.42 U	< 0.15 U	< 0.40 U
1,2-Dibromo-3-Chloropropane	0.04	µg/L	< 0.35 U	< 0.75 U	NA	< 0.75 U	< 50 U	< 1 U	< 20 U	< 5 U	< 0.53 U	< 0.53 U	< 0.72 U	< 0.72 U	< 0.35 U	< 0.75 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	µg/L	< 0.31 U	< 0.50 U	NA	< 0.50 U	< 50 U	< 1 U	< 20 U	< 5 U	< 0.48 U	< 0.48 U	< 0.3 U	< 0.3 U	< 0.31 U	< 0.50 U
1,2-Dichlorobenzene	3	µg/L	< 0.24 U	< 0.33 U	NA	< 0.33 U	< 50 U	< 1 U	< 20 U	< 5 U	< 0.53 U	< 0.53 U	< 0.39 U	< 0.39 U	< 0.24 U	< 0.33 U
1,2-Dichloroethane	0.6	µg/L	< 0.16 U	< 0.41 U	NA	< 0.41 U	< 25 U	< 0.5 U	< 10 U	< 2.5 U	< 0.60 U	< 0.60 U	< 0.33 U	< 0.33 U	< 0.16 U	< 0.41 U
1,2-Dichloroethane-D4	NSL	µg/L	49.388 N	NA	NA	NA	NA	NA	NA	NA	NA	--	48.481 N	44.575 N	46.711 N	NA
1,2-Dichloropropane	1	µg/L	< 0.24 U	< 0.61 U	NA	< 0.61 U	< 50 U	< 1 U	< 20 U	< 5 U	< 0.51 U	< 0.51 U	< 0.72 U	< 0.72 U	< 0.24 U	< 0.61 U
1,3,5-Trimethylbenzene (Mesitylene)	5	µg/L	< 0.12 U	< 0.45 U	NA	< 0.45 U	NA	NA	NA	NA	NA	--	< 0.31 U	< 0.31 U	< 0.12 U	< 0.45 U
1,3-Dichlorobenzene	3	µg/L	< 0.19 U	< 0.29 U	NA	< 0.29 U	< 50 U	< 1 U	< 20 U	< 5 U	< 0.54 U	< 0.54 U	< 0.36 U	< 0.36 U	< 0.19 U	< 0.29 U
1,3-Dichloropropane	5	µg/L	< 0.26 U	< 0.22 U	NA	< 0.22 U	NA	NA	NA	NA	NA	--	< 0.6 U	< 0.6 U	< 0.26 U	< 0.22 U
1,4-Dichlorobenzene	3	µg/L	< 0.24 U	< 0.40 U	NA	< 0.40 U	< 50 U	< 1 U	< 20 U	< 5 U	< 0.51 U	< 0.51 U	< 0.37 U	< 0.37 U	< 0.24 U	< 0.40 U
2,2-Dichloropropane	5	µg/L	< 0.22 U	< 0.30 U	NA	< 0.30 U	NA	NA	NA	NA	NA	--	< 0.35 U	< 0.35 U	< 0.22 U	< 0.30 U
2-Chlorotoluene	NSL	µg/L	< 0.3 U	< 0.54 U	NA	< 0.54 U	NA	NA	NA	NA	NA	--	< 0.53 U	< 0.53 U	< 0.3 U	< 0.54 U
2-Hexanone	50	µg/L	< 1.1 U	< 1.7 U	NA	< 1.7 U	< 50 U	< 1 U	< 20 U	< 5 U	< 4.8 U	< 4.8 U	< 1.7 U	< 1.7 U	< 1.1 U	< 1.7 U
4-Chlorotoluene	5	µg/L	< 0.43 U	< 0.45 U	NA	< 0.45 U	NA	NA	NA	NA	NA	--	< 0.71 U	< 0.71 U	< 0.43 U	< 0.45 U
Acetone	50	µg/L	< 4.6 U	< 2.2 U	NA	< 2.2 U	< 500 U	< 5 U	< 100 U	< 25 U	< 3.1 U	< 3.1 U	< 4.6 U	< 4.6 U	< 4.6 U	< 2.2 U
Benzene	1	µg/L	< 0.12 U	< 0.33 U	NA	< 0.33 U	< 25 U	< 0.5 U	< 10 U	< 2.5 U	< 0.43 U	< 0.43 U	< 0.39 U	< 0.39 U	< 0.12 U	< 0.33 U
Bromobenzene	5	µg/L	< 0.37 U	< 0.36 U	NA	< 0.36 U	NA	NA	NA	NA	NA	--	< 0.35 U	< 0.35 U	< 0.37 U	< 0.36 U
Bromochloromethane	5	µg/L	< 0.3 U	< 0.43 U	NA	< 0.43 U	< 50 U	< 1 U	< 20 U	< 5 U	< 0.48 U	< 0.48 U	< 0.35 U	< 0.35 U	< 0.3 U	< 0.43 U
Bromodichloromethane	50	µg/L	< 0.2 U	< 0.26 U	NA	< 0.26 U	< 50 U	< 1 U	< 20 U	< 5 U	< 0.45 U	< 0.45 U	< 0.43 U	< 0.43 U	< 0.2 U	< 0.26 U
Bromoform	50	µg/L	< 0.44 U	< 0.77 U	NA	< 0.77 U	< 50 U	< 1 U	< 20 U	< 5 U	< 0.63 U	< 0.63 U	< 0.27 U	< 0.27 U	< 0.44 U	< 0.77 U
Bromomethane	5	µg/L	< 0.74 U	< 0.80 U	NA	< 0.80 U	< 50 U	< 1 U	< 20 U	< 5 U	< 1.6 U	< 1.6 U	< 0.77 U	< 0.77 U	< 0.74 U	< 0.80 U
Carbon Disulfide	60	µg/L	< 0.34 U	< 0.34 U	NA	< 0.34 U	< 50 U	< 1 U	< 20 U	< 5 U	< 1.8 U	< 1.8 U	< 0.25 U	< 0.25 U	< 0.34 U	< 0.34 U
Carbon Tetrachloride	5	µg/L	< 0.11 U	< 0.54 U	NA	< 0.54 U	< 50 U	< 1 U	< 20 U	< 5 U	< 0.55 U	< 0.55 U	< 0.37 U	< 0.37 U	< 0.11 U	< 0.54 U
Chlorobenzene	5	µg/L	< 0.23 U	< 0.26 U	NA	< 0.26 U	< 50 U	< 1 U	< 20 U	< 5 U	< 0.56 U	< 0.56 U	< 0.32 U	< 0.32 U	< 0.23 U	< 0.26 U
Chloroethane	5	µg/L	< 0.89 U	< 0.48 U	NA	< 0.48 U	< 50 U	< 1 U	< 20 U	< 5 U	< 0.73 U	< 0.73 U	< 0.75 U	< 0.75 U	< 0.89 U	< 0.48 U
Chloroform	7	µg/L	< 0.3 U	< 0.33 U	NA	< 0.33 U	< 50 U	< 1 U	< 20 U	< 5 U	< 0.50 U	< 0.50 U	< 0.4 U	< 0.4 U	< 0.3 U	< 0.33 U
Chloromethane (Methyl Chloride)	5	µg/L	< 0.54 U	< 0.26 U	NA	< 0.26 U	< 50 U	< 1 U	< 20 U	< 5 U	< 0.76 U	< 0.76 U	< 0.44 U	< 0.44 U	< 0.54 U	< 0.26 U
Cis-1,2-Dichloroethylene	5	µg/L	**38 N**	**83**	NA	**47**	< 50 U	**12**	< 20 U	**15**	4.6	4.8	< 0.59 U	< 0.59 U	< 0.34 U	3.0 J
Cis-1,3-Dichloropropene	0.4	µg/L	< 0.22 U	< 0.45 U	NA	< 0.45 U	< 50 U	< 1 U	< 20 U	< 5 U	< 0.47 U	< 0.47 U	< 0.46 U	< 0.46 U	< 0.22 U	< 0.45 U
Cyclohexane	NSL	µg/L	NA	NA	NA	NA	< 50 U	< 1 U	< 20 U	< 5 U	< 0.78 U	< 0.78 U	NA	NA	NA	NA
Cymene	5	µg/L	< 0.17 U	< 0.46 U	NA	< 0.46 U	NA	NA	NA	NA	NA	--	< 0.46 U	< 0.46 U	< 0.17 U	< 0.46 U
Dibromochloromethane	50	µg/L	< 0.2 U	< 0.57 U	NA	< 0.57 U	< 50 U	< 1 U	< 20 U	< 5 U	< 0.56 U	< 0.56 U	< 0.33 U	< 0.33 U	< 0.2 U	< 0.57 U
Dibromofluoromethane	NSL	µg/L	47.455 N	NA	NA	NA	NA	NA	NA	NA	NA	< 0.56 U	49.399 N	46.785 N	48.68 N	NA
Dibromomethane	5	µg/L	< 0.26 U	< 0.49 U	NA	< 0.49 U	NA	NA	NA	NA	NA	--	< 0.76 U	< 0.76 U	< 0.26 U	< 0.49 U
Dichlorodifluoromethane	5	µg/L	< 0.47 U	< 0.66 U	NA	< 0.66 U	< 50 U	< 1 U	< 20 U	< 5 U	< 0.56 U	--	< 0.77 U	< 0.77 U	< 0.47 U	< 0.66 U
Ethylbenzene	5	µg/L	< 0.23 U	< 0.35 U	NA	< 0.35 U	< 50 U	< 1 U	< 20 U	< 5 U	< 0.60 U	< 0.60 U	< 0.33 U	< 0.33 U	< 0.23 U	< 0.35 U
Hexachlorobutadiene	0.5	µg/L	< 0.41 U	< 0.41 U	NA	< 0.41 U	NA	NA	NA	NA	NA	--	< 0.84 U	< 0.84 U	< 0.41 U	< 0.41 U
Iodomethane (Methyl Iodide)	5	µg/L	< 0.37 U	< 0.63 U	NA	< 0.63 U	NA	NA	NA	NA	NA	--	< 0.46 U	< 0.46 U	< 0.37 U	< 0.63 U
Isopropylbenzene (Cumene)	5	µg/L	< 0.2 U	< 0.38 U	NA	< 0.38 U	< 50 U	< 1 U	< 20 U	< 5 U	< 0.65 U	< 0.65 U	< 0.27 U	< 0.27 U	< 0.2 U	< 0.38 U
M,P-Xylene (Sum Of Isomers)	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	< 0.78 U	< 0.78 U	NA	NA	NA	NA
Methyl Acetate	NSL	µg/L	NA	NA	NA	NA	< 50 U	< 1 U	< 20 U	< 5 U	< 0.80 U	< 0.80 U	NA	NA	NA	NA
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 2 U	< 2.1 U	NA	< 2.1 U	< 50 U	< 1 U	< 20 U	< 5 U	< 2.7 U	< 2.7 U	< 1.9 U	< 1.9 U	< 2 U	< 2.1 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	< 1.5 U	< 0.82 U	NA	< 0.82 U	< 50 U	< 1 U	< 20 U	< 5 U	< 4.9 U	< 4.9 U	< 2.9 U	< 2.9 U	< 1.5 U	< 0.82 U
Methylcyclohexane	NSL	µg/L	NA	NA	NA	NA	< 50 U	< 1 U	< 20 U	< 5 U	< 0.60 U	< 0.60 U	NA	NA	NA	NA
Methylene Chloride	5	µg/L	< 0.83 U	< 0.41 U	NA	< 0.41 U	< 50 U	< 1 U	< 20 U	< 5 U	< 1.0 U	< 1.0 U	< 0.44 U	< 0.44 U	< 0.83 U	< 0.41 U
M-P-Xylene	5	µg/L	NA	NA	NA	< 0.77 U	< 50 U	< 1 U	< 20 U	< 5 U	NA	--	NA	NA	NA	NA
Naphthalene	10	µg/L	< 0.15 U	< 0.80 U	NA	< 0.80 U	NA	NA	NA	NA	NA	--	< 0.46 U	< 0.46 U	< 0.15 U	< 0.80 U
N-Butylbenzene	5	µg/L	< 0.27 U	< 0.33 U	NA	< 0.33 U	NA	NA	NA	NA	NA	--	< 0.49 U	< 0.49 U	< 0.27 U	< 0.33 U
N-Propylbenzene	5	µg/L	< 0.2 U	< 0.64 U	NA	< 0.64 U	NA	NA	NA	NA	NA	--	< 0.27 U	< 0.27 U	< 0.2 U	< 0.64 U
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	< 0.26 U	< 0.36 U	NA	< 0.36 U	< 50 U	< 1 U	< 20 U	< 5 U	< 0.59 U	< 0.59 U	< 0.45 U	< 0.45 U	< 0.26 U	< 0.36 U
p-Bromofluorobenzene	NSL	µg/L	45.892 N	NA	NA	NA	NA	NA	NA	NA	NA	--	49.249 N	48.748 N	52.821 N	NA
Sec-Butylbenzene	5	µg/L	< 0.19 U	< 0.28 U	NA	< 0.28 U	NA	NA	NA	NA	NA	--	< 0.33 U	< 0.33 U	< 0.19 U	< 0.28 U
Styrene	5	µg/L	< 0.16 U	< 0.50 U	NA	< 0.50 U	< 50 U	< 1 U	< 20 U	< 5 U	< 0.49 U	< 0.49 U	< 0.48 U	< 0.48 U	< 0.16 U	< 0.50 U
T-Butylbenzene	5	µg/L	< 0.24 U	< 0.37 U	NA	< 0.37 U	NA	NA	NA	NA	NA	--	< 0.46 U	< 0.46 U	< 0.24 U	< 0.37 U
Tert-Butyl Methyl Ether	10	µg/L	5.4 N	3.9 J	NA	9.5	< 25 U	2.4	10.0	< 2.5 U	1.7	1.5	< 0.43 U	< 0.43 U	< 0.25 U	< 0.24 U
Tetrachloroethylene (PCE)	5	µg/L	**590 D**	NA	**1500 D**	**1800 D**	**2500**	**390**	**2300**	**1000**	**102**	**76.2**	**7.7 N**	**7.4 N**	**8.3 N**	**25**
Toluene	5	µg/L	< 0.15 U	< 0.32 U	NA	< 0.32 U	< 50 U	< 1 U	< 20 U	< 5 U	< 0.49 U	< 0.49 U	< 0.71 U	< 0.71 U	< 0.15 U	< 0.32 U
Toluene-D8	NSL	µg/L	50 N	NA	NA	NA	NA	NA	NA	NA	NA	--	50.374 N	52.149 N	53.325 N	NA
Trans-1,2-Dichloroethene	5	µg/L	< 0.37 U	< 0.65 U	NA	< 0.65 U	< 50 U	< 1 U	< 20 U	< 5 U	< 0.54 U	< 0.54 U	< 0.44 U	< 0.44 U	< 0.37 U	< 0.65 U
Trans-1,3-Dichloropropene	0.4	µg/L	< 0.27 U	< 0.48 U	NA	< 0.48 U	< 50 U	< 1 U	< 20 U	< 5 U	< 0.43 U	< 0.43 U	< 0.66 U	< 0.66 U	< 0.27 U	< 0.48 U
Trichloroethylene (TCE)	5	µg/L	**15 N**	**46**	NA	**28**	< 50 U	**5.4**	< 20 U	**8.3**	2.5	2.6	< 0.76 U	< 0.76 U	< 0.25 U	1.2 J
Trichlorofluoromethane	5	µg/L	< 0.6 U	< 0.54 U	NA	< 0.54 U	< 50 U	< 1 U	< 20 U	< 5 U	< 0.40 U	< 0.40 U	< 0.84 U	< 0.84 U	< 0.6 U	< 0.54 U
Vinyl Acetate	NSL	µg/L	< 0.43 U	< 0.35 U	NA	< 0.35 U	NA	NA	NA	NA	NA	--	< 0.46 U	< 0.46 U	< 0.43 U	< 0.35 U
Vinyl Chloride	2	µg/L	< 0.78 U	< 0.50 U	NA	< 0.50 U	< 50 U	< 1 U	< 20 U	< 5 U	< 0.52 U	< 0.52 U	< 0.44 U	< 0.44 U	< 0.78 U	< 0.50 U
Xylenes	5	µg/L	< 0.4 U	< 0.77 U	NA	< 0.36 U	< 50 U	< 1 U	< 20 U	< 5 U	< 0.59 U	< 0.59 U	< 0.92 U	< 0.92 U	< 0.4 U	< 0.77 U

(1) NYSDEC Ambient Water Quality Standard Class GA (Standard/guidance values) (Technical and Operational Guidance Series [TOGS] 1.1.1).

µg/L = Microgram(s) per liter
D = Indicates identified compound in analysis has been diluted.
J = Concentration is estimated
N = Indicates presumptive evidence of a compound.
NA = Not analyzed
NSL = No screening level available.
U = Analyte not detected.
VOCs = Volatile organic compounds.
Concentrations exceeding the screening level are bolded and shaded gray.

Table 1. Historical Analytical Results for VOCs

		Location	MW-23D	MW-23D	MW-23D	MW-23D	MW-23D	MW-23D	MW-23D	MW-23D
		Sample Name	SL-MW-23D	SL-MW-73D	SL-MW-23D	SL-MW-23D	SL-MW-23D	MW-23D	152077-MW-23D-10172023	152077-MW-23D-20250421
		Parent Sample Name		MW-23D_20120821						
		Sample Date	8/21/2012	8/21/2012	11/13/2013	3/25/2015	5/12/2016	9/19/2017	10/17/2023	4/21/2025
Analyte	NYSDEC AWQS[1]	Unit	Result	Result	Result	Result	Result	Result	Result	Result
VOCs (SW8260/SW8260C)										
1,1,1,2-Tetrachloroethane	5	µg/L	< 0.41 U	< 0.41 U	NA	NA	NA	NA	NA	--
1,1,1-Trichloroethane (TCA)	5	µg/L	< 0.50 U	< 0.50 U	< 1 U	1.1	< 1 U	< 1 U	< 0.54 U	< 0.54 U
1,1,2,2-Tetrachloroethane	5	µg/L	< 0.42 U	< 0.42 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.65 U	< 0.65 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 0.58 U	< 0.58 U
1,1,2-Trichloroethane	1	µg/L	< 0.38 U	< 0.38 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.53 U	< 0.53 U
1,1-Dichloroethane	5	µg/L	< 0.25 U	< 0.25 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.57 U	< 0.57 U
1,1-Dichloroethene	5	µg/L	< 0.39 U	< 0.39 U	< 1 U	< 1 U	< 1 U	1.1	< 0.59 U	< 0.59 U
1,1-Dichloropropene	5	µg/L	< 0.50 U	< 0.50 U	NA	NA	NA	NA	NA	--
1,2,3-Trichlorobenzene	5	µg/L	< 0.33 U	< 0.33 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.50 U	< 0.50 U
1,2,3-Trichloropropane	0.04	µg/L	< 0.82 U	< 0.82 U	NA	NA	NA	NA	NA	--
1,2,4-Trichlorobenzene	5	µg/L	< 0.26 U	< 0.26 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.50 U	< 0.50 U
1,2,4-Trimethylbenzene	5	µg/L	< 0.40 U	< 0.40 U	NA	NA	NA	NA	NA	--
1,2-Dibromo-3-Chloropropane	0.04	µg/L	< 0.75 U	< 0.75 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.53 U	< 0.53 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	µg/L	< 0.50 U	< 0.50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.48 U	< 0.48 U
1,2-Dichlorobenzene	3	µg/L	< 0.33 U	< 0.33 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.53 U	< 0.53 U
1,2-Dichloroethane	0.6	µg/L	< 0.41 U	< 0.41 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.60 U	< 0.60 U
1,2-Dichloroethane-D4	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	--
1,2-Dichloropropane	1	µg/L	< 0.61 U	< 0.61 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.51 U	< 0.51 U
1,3,5-Trimethylbenzene (Mesitylene)	5	µg/L	< 0.45 U	< 0.45 U	NA	NA	NA	NA	NA	--
1,3-Dichlorobenzene	3	µg/L	< 0.29 U	< 0.29 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.54 U	< 0.54 U
1,3-Dichloropropane	5	µg/L	< 0.22 U	< 0.22 U	NA	NA	NA	NA	NA	--
1,4-Dichlorobenzene	3	µg/L	< 0.40 U	< 0.40 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.51 U	< 0.51 U
2,2-Dichloropropane	5	µg/L	< 0.30 U	< 0.30 U	NA	NA	NA	NA	NA	--
2-Chlorotoluene	NSL	µg/L	< 0.54 U	< 0.54 U	NA	NA	NA	NA	NA	--
2-Hexanone	50	µg/L	< 1.7 U	< 1.7 U	< 1 U	< 1 U	< 1 U	< 1 U	< 4.8 U	< 4.8 U
4-Chlorotoluene	5	µg/L	< 0.45 U	< 0.45 U	NA	NA	NA	NA	NA	--
Acetone	50	µg/L	< 2.2 U	< 2.2 U	< 10 U	< 5 U	< 5 U	< 5 U	< 3.1 U	< 3.1 U
Benzene	1	µg/L	< 0.33 U	< 0.33 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.43 U	< 0.43 U
Bromobenzene	5	µg/L	< 0.36 U	< 0.36 U	NA	NA	NA	NA	NA	--
Bromochloromethane	5	µg/L	< 0.43 U	< 0.43 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.48 U	< 0.48 U
Bromodichloromethane	50	µg/L	< 0.26 U	< 0.26 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.45 U	< 0.45 U
Bromoform	50	µg/L	< 0.77 U	< 0.77 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.63 U	< 0.63 U
Bromomethane	5	µg/L	< 0.80 U	< 0.80 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.6 U	< 1.6 U
Carbon Disulfide	60	µg/L	< 0.34 U	< 0.34 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.8 U	< 1.8 U
Carbon Tetrachloride	5	µg/L	< 0.54 U	< 0.54 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.55 U	< 0.55 U
Chlorobenzene	5	µg/L	< 0.26 U	< 0.26 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.56 U	< 0.56 U
Chloroethane	5	µg/L	< 0.48 U	< 0.48 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.73 U	< 0.73 U
Chloroform	7	µg/L	< 0.33 U	< 0.33 U	< 1 U	< 1 U	< 1 U	< 1 U	1.8	< 0.50 U
Chloromethane (Methyl Chloride)	5	µg/L	< 0.26 U	< 0.26 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.76 U	< 0.76 U
Cis-1,2-Dichloroethylene	5	µg/L	**5.5**	**5.5**	**10**	**9.3**	< 1 U	**14**	< 0.51 U	< 0.51 U
Cis-1,3-Dichloropropene	0.4	µg/L	< 0.45 U	< 0.45 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.47 U	< 0.47 U
Cyclohexane	NSL	µg/L	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 0.78 U	< 0.78 U
Cymene	5	µg/L	< 0.46 U	< 0.46 U	NA	NA	NA	NA	NA	--
Dibromochloromethane	50	µg/L	< 0.57 U	< 0.57 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.56 U	< 0.56 U
Dibromofluoromethane	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	< 0.56 U
Dibromomethane	5	µg/L	< 0.49 U	< 0.49 U	NA	NA	NA	NA	NA	--
Dichlorodifluoromethane	5	µg/L	< 0.66 U	< 0.66 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.56 U	--
Ethylbenzene	5	µg/L	< 0.35 U	< 0.35 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.60 U	< 0.60 U
Hexachlorobutadiene	0.5	µg/L	< 0.41 U	< 0.41 U	NA	NA	NA	NA	NA	--
Iodomethane (Methyl Iodide)	5	µg/L	< 0.63 U	< 0.63 U	NA	NA	NA	NA	NA	--
Isopropylbenzene (Cumene)	5	µg/L	< 0.38 U	< 0.38 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.65 U	< 0.65 U
M,P-Xylene (Sum Of Isomers)	5	µg/L	NA	NA	NA	NA	NA	NA	< 0.78 U	< 0.78 U
Methyl Acetate	NSL	µg/L	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 0.80 U	< 0.80 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 2.1 U	< 2.1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2.7 U	< 2.7 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	< 0.82 U	< 0.82 U	< 1 U	< 1 U	< 1 U	< 1 U	< 4.9 U	< 4.9 U
Methylcyclohexane	NSL	µg/L	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 0.60 U	< 0.60 U
Methylene Chloride	5	µg/L	< 0.41 U	< 0.41 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 1.0 U
M-P-Xylene	5	µg/L	< 0.77 U	< 0.77 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	--
Naphthalene	10	µg/L	< 0.80 U	< 0.80 U	NA	NA	NA	NA	NA	--
N-Butylbenzene	5	µg/L	< 0.33 U	< 0.33 U	NA	NA	NA	NA	NA	--
N-Propylbenzene	5	µg/L	< 0.64 U	< 0.64 U	NA	NA	NA	NA	NA	--
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	< 0.36 U	< 0.36 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.59 U	< 0.59 U
p-Bromofluorobenzene	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	--
Sec-Butylbenzene	5	µg/L	< 0.28 U	< 0.28 U	NA	NA	NA	NA	NA	--
Styrene	5	µg/L	< 0.50 U	< 0.50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.49 U	< 0.49 U
T-Butylbenzene	5	µg/L	< 0.37 U	< 0.37 U	NA	NA	NA	NA	NA	--
Tert-Butyl Methyl Ether	10	µg/L	0.97 J	0.92 J	1.8	1.5	1.1	1.6	< 0.51 U	< 0.51 U
Tetrachloroethylene (PCE)	5	µg/L	**57**	**53**	**130**	**110**	**170**	**280**	< 0.56 U	0.58 J
Toluene	5	µg/L	< 0.32 U	< 0.32 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.49 U	< 0.49 U
Toluene-D8	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	--
Trans-1,2-Dichloroethene	5	µg/L	< 0.65 U	< 0.65 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.54 U	< 0.54 U
Trans-1,3-Dichloropropene	0.4	µg/L	< 0.48 U	< 0.48 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.43 U	< 0.43 U
Trichloroethylene (TCE)	5	µg/L	2.8 J	2.8 J	**5.2**	**6.2**	5.0	**9.8**	< 0.53 U	< 0.53 U
Trichlorofluoromethane	5	µg/L	< 0.54 U	< 0.54 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.40 U	< 0.40 U
Vinyl Acetate	NSL	µg/L	< 0.35 U	< 0.35 U	NA	NA	NA	NA	NA	--
Vinyl Chloride	2	µg/L	< 0.50 U	< 0.50 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.52 U	< 0.52 U
Xylenes	5	µg/L	< 0.36 U	< 0.36 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.59 U	< 0.59 U

(1) NYSDEC Ambient Water Quality Standard Class GA (Standard/guidance values) (Technical and Operational Guidance Series [TOGS] 1.1.1).

µg/L = Microgram(s) per liter
D = Indicates identified compound in analysis has been diluted.
J = Concentration is estimated
N = Indicates presumptive evidence of a compound.
NA = Not analyzed
NSL = No screening level available.
U = Analyte not detected.
VOCs = Volatile organic compounds.
Concentrations exceeding the screening level are bolded and shaded gray.

Table 2. Historical Analytical Results for PFAS and 1,4-dioxane

Location			MW-1	MW-1	MW-2	MW-3A	MW-3A	MW-3B	MW-3B
Sample Name			MW-1	152077-MW-01-10162023	152077-MW-02-10162023	MW-3A	152077-MW-03A-10162023	MW-3B	152077-MW-03B-10162023
Parent Sample Name									
Sample Date			9/21/2017	10/16/2023	10/16/2023	9/28/2017	10/16/2023	9/22/2017	10/16/2023
Analyte	**NYSDEC AWQS[1]**	**Unit**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
PFAS (E1633/E537)									
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	ng/L	NA	< 1.6 U	< 1.6 U	NA	< 1.7 U	NA	< 1.6 U
13C2-6:2 Fluorotelomer sulfonate	NSL	ng/L	1.19 J	NA	NA	0.576 J	NA	2.72	NA
13C2-8:2 Fluorotelomer sulfonate	NSL	ng/L	0.340 J	NA	NA	< 0.202 U	NA	< 0.193 U	NA
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L	NA	< 1.3 U	< 1.3 U	NA	< 1.3 U	NA	< 1.3 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	ng/L	NA	< 2.0 U	< 2.0 U	NA	< 2.1 U	NA	< 2.0 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	ng/L	NA	2.6 J	< 0.79 U	NA	< 0.85 U	NA	< 0.79 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	ng/L	NA	< 6.2 U	< 6.2 U	NA	< 6.6 U	NA	< 6.2 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	ng/L	NA	< 5.4 U	< 5.4 U	NA	< 5.7 U	NA	< 5.4 U
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	ng/L	NA	< 2.1 U	< 2.1 U	NA	< 2.2 U	NA	< 2.1 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	ng/L	NA	< 1.1 U	< 1.1 U	NA	< 1.1 U	NA	< 1.1 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	ng/L	NA	< 2.1 U	< 2.1 U	NA	< 2.3 U	NA	< 2.1 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	ng/L	NA	< 1.6 U	< 1.6 U	NA	< 1.7 U	NA	< 1.6 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	ng/L	NA	< 0.46 U	< 0.46 U	NA	< 0.49 U	NA	< 0.46 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	ng/L	1.78 J	0.88 J	< 0.79 U	< 0.505 U	< 0.85 U	0.778 J	< 0.79 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	ng/L	NA	< 3.3 U	< 3.3 U	NA	< 3.5 U	NA	< 3.3 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	ng/L	NA	< 0.56 U	< 0.56 U	NA	< 0.59 U	NA	< 0.56 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L	0.980 J	< 0.45 U	< 0.44 U	< 0.505 U	< 0.47 U	< 0.482 U	< 0.44 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	ng/L	NA	< 2.4 U	< 2.4 U	NA	< 2.6 U	NA	< 2.4 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	ng/L	NA	< 1.1 U	< 1.1 U	NA	< 1.2 U	NA	< 1.1 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	ng/L	NA	< 0.24 U	< 0.24 U	NA	< 0.25 U	NA	< 0.23 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	ng/L	NA	< 0.26 U	< 0.26 U	NA	< 0.28 U	NA	< 0.26 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	ng/L	NA	< 0.49 U	< 0.49 U	NA	< 0.52 U	NA	< 0.49 U
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L	1.36 J	3.4	2.7	1.58 J	1.6 J	1.55 J	2.7
Perfluorobutanoic Acid	NSL	ng/L	5	7.9	6.6 J	6.34	18.2	9.77	11.5
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L	0.353 J	< 0.95 U	< 0.95 U	< 0.202 U	< 1.0 U	< 0.193 U	< 0.95 U
Perfluorodecanoic acid (PFDA)	NSL	ng/L	0.870 J	< 0.54 U	1.6 J	0.939 J	< 0.58 U	0.669 J	< 0.54 U
Perfluorododecanesulfonic acid (PFDoS)	NSL	ng/L	NA	< 0.35 U	< 0.35 U	NA	< 0.37 U	NA	< 0.35 U
Perfluorododecanoic acid (PFDoA)	NSL	ng/L	0.247 J	< 0.67 U	< 0.67 U	< 0.202 U	< 0.72 U	< 0.193 U	< 0.67 U
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L	0.269 J	< 0.86 U	< 0.85 U	0.248 J	< 0.91 U	0.280 J	< 0.85 U
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L	4.32	8	7.1	5.29	8	6.45	20.4
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L	4.66	10.6	1.8	6.79	4.3	4.88	11
Perfluorohexanoic acid (PFHxA)	NSL	ng/L	7.26	13.3	12.3	15.7	21.3	22.7	49.9
Perfluorononanesulfonic Acid (PFNS)	NSL	ng/L	NA	< 1.3 U	< 1.3 U	NA	< 1.3 U	NA	< 1.3 U
Perfluorononanoic acid (PFNA)	NSL	ng/L	1.51 J	2.5	2	2.17	2.1	2.16	2
Perfluorooctane Sulfonamide (PFOSA)	NSL	ng/L	NA	< 0.60 U	< 0.60 U	NA	1.1 J	NA	< 0.60 U
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L	**7.75**	**22.4**	**11.2**	**10.1**	**8.1**	**12.4**	**11.3**
Perfluorooctanoic acid (PFOA)	6.7	ng/L	**13.1**	**58.8**	**14.1**	**10.7**	**10.7**	**13.5**	**47.6**
Perfluoropentanesulfonic Acid (PFPeS)	NSL	ng/L	NA	< 0.88 U	< 0.88 U	NA	< 0.94 U	NA	< 0.88 U
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L	6.86	9.5	12.4	18.3	29.6	23.3	40
Perfluorotetradecanoic acid (PFTeDA)	NSL	ng/L	< 0.204 U	< 0.66 U	< 0.66 U	0.219 J	< 0.71 U	< 0.193 U	< 0.66 U
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	ng/L	< 0.204 U	< 0.69 U	< 0.69 U	< 0.202 U	< 0.73 U	< 0.193 U	< 0.69 U
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L	0.874 J	< 0.48 U	1.0 J	0.228 J	< 0.51 U	0.351 J	< 0.48 U
1,4-Dioxane (SW8270/SW8270D)									
1,4-Dioxane (P-Dioxane)	0.35	µg/L	< 0.12 U	0.0760 J	0.0874 J	< 0.12 U	< 0.050 U	< 0.12 U	0.0661 J

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µg/L = Microgram(s) per liter.
ng/L = Nanogram(s) per liter
J = Concentration is estimated.
NA = Not analyzed.
NSL = No screening level available.
PFAS = Per-and polyfluoroalkyl substances.
U = Analyte not detected.
Concentrations exceeding the screening level are bolded and shaded gray.

Table 2. Historical Analytical Results for PFAS and 1,4-dioxane

Location			MW-4	MW-4	MW-6A	MW-6A	MW-6A	MW-6B	MW-6B
Sample Name			MW-4	152077-MW-04-10172023	MW-6A	152077-MW-06A-10172023	152077-MW-6A-20250319	MW-6B	152077-MW-6B-20250319
Parent Sample Name									
Sample Date			9/19/2017	10/17/2023	9/19/2017	10/17/2023	3/19/2025	9/19/2017	3/19/2025
Analyte	**NYSDEC AWQS[1]**	**Unit**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
PFAS (E1633/E537)									
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	ng/L	NA	< 1.6 U	NA	< 1.7 U	< 1.8 U	NA	< 1.8 U
13C2-6:2 Fluorotelomer sulfonate	NSL	ng/L	< 0.512 U	NA	3.9	NA	NA	0.704 J	NA
13C2-8:2 Fluorotelomer sulfonate	NSL	ng/L	< 0.205 U	NA	< 0.204 U	NA	NA	< 0.198 U	NA
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L	NA	< 1.3 U	NA	< 1.3 U	< 1.4 U	NA	< 1.5 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	ng/L	NA	< 2.0 U	NA	< 2.1 U	< 2.2 U	NA	< 2.3 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	ng/L	NA	< 0.79 U	NA	< 0.84 U	< 0.91 U	NA	< 0.93 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	ng/L	NA	< 6.2 U	NA	< 6.6 U	< 7.1 U	NA	< 7.3 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	ng/L	NA	< 5.4 U	NA	< 5.7 U	< 6.2 U	NA	< 6.3 U
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	ng/L	NA	< 2.1 U	NA	< 2.2 U	< 2.4 U	NA	< 2.5 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	ng/L	NA	< 1.1 U	NA	< 1.1 U	< 1.2 U	NA	< 1.3 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	ng/L	NA	< 2.1 U	NA	< 2.3 U	< 2.4 U	NA	< 2.5 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	ng/L	NA	< 1.6 U	NA	< 1.7 U	< 1.8 U	NA	< 1.8 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	ng/L	NA	< 0.46 U	NA	< 0.49 U	< 0.53 U	NA	< 0.54 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	ng/L	< 0.512 U	< 0.79 U	< 0.509 U	< 0.84 U	< 0.91 U	< 0.496 U	< 0.93 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	ng/L	NA	< 3.3 U	NA	< 3.5 U	< 3.7 U	NA	< 3.8 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	ng/L	NA	< 0.56 U	NA	< 0.59 U	< 0.64 U	NA	< 0.65 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L	< 0.512 U	< 0.44 U	16.7	0.70 J	< 0.51 U	< 0.496 U	23.6
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	ng/L	NA	< 2.4 U	NA	< 2.6 U	< 2.8 U	NA	< 2.8 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	ng/L	NA	< 1.1 U	NA	< 1.2 U	< 1.3 U	NA	< 1.3 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	ng/L	NA	< 0.24 U	NA	< 0.25 U	< 0.27 U	NA	< 0.27 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	ng/L	NA	< 0.26 U	NA	< 0.28 U	< 0.30 U	NA	< 0.31 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	ng/L	NA	< 0.49 U	NA	< 0.52 U	< 0.56 U	NA	< 0.57 U
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L	1.80 J	3.2	8.55	1.5 J	2	1.20 J	7.3
Perfluorobutanoic Acid	NSL	ng/L	7.09	10	3.94	4.5 J	4.4 J	5.71	6.2 J
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L	< 0.205 U	< 0.95 U	< 0.204 U	< 1.0 U	< 1.1 U	< 0.198 U	< 1.1 U
Perfluorodecanoic acid (PFDA)	NSL	ng/L	0.810 J	0.89 J	2.23	0.65 J	0.73 J	0.816 J	1.7 J
Perfluorododecanesulfonic acid (PFDoS)	NSL	ng/L	NA	< 0.35 U	NA	< 0.37 U	< 0.40 U	NA	< 0.41 U
Perfluorododecanoic acid (PFDoA)	NSL	ng/L	< 0.205 U	< 0.67 U	< 0.204 U	< 0.71 U	< 0.77 U	< 0.198 U	< 0.78 U
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L	0.265 J	< 0.85 U	5.12	< 0.90 U	< 0.98 U	0.314 J	23
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L	7.5	20.8	21.6	5.8	6.2	3.93	13.4
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L	3.55	5.5	20.3	2.8	2.1	2.48	80.7
Perfluorohexanoic acid (PFHxA)	NSL	ng/L	16.8	29.1	13	12.5	9.7	10.3	9.6
Perfluorononanesulfonic Acid (PFNS)	NSL	ng/L	NA	< 1.3 U	NA	< 1.3 U	< 1.4 U	NA	< 1.5 U
Perfluorononanoic acid (PFNA)	NSL	ng/L	4.76	1.8	8.96	1.8	2	1.77 J	13.6
Perfluorooctane Sulfonamide (PFOSA)	NSL	ng/L	NA	< 0.60 U	NA	< 0.64 U	< 0.69 U	NA	19.5
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L	**10.4**	**11.3**	**150**	**11.3**	**20.1**	**11.1**	**278**
Perfluorooctanoic acid (PFOA)	6.7	ng/L	**11.4**	**36.5**	**83.1**	**7.1**	**12.7**	**10.1**	**343**
Perfluoropentanesulfonic Acid (PFPeS)	NSL	ng/L	NA	1.2 J	NA	< 0.93 U	< 1.0 U	NA	4.2
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L	17.9	23.1	7.57	11.2	8.8	14.6	4.8
Perfluorotetradecanoic acid (PFTeDA)	NSL	ng/L	< 0.205 U	< 0.66 U	< 0.204 U	< 0.70 U	< 0.76 U	< 0.198 U	< 0.77 U
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	ng/L	< 0.205 U	< 0.69 U	< 0.204 U	< 0.73 U	< 0.79 U	< 0.198 U	< 0.80 U
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L	< 0.205 U	1.4 J	0.369 J	< 0.51 U	< 0.55 U	< 0.198 U	< 0.56 U
1,4-Dioxane (SW8270/SW8270D)									
1,4-Dioxane (P-Dioxane)	0.35	µg/L	< 0.12 U	0.105	< 0.13 U	< 0.050 U	< 0.20 U	< 0.13 U	< 0.20 U

(1) NYSDEC Ambient Water Quality Standard Class GA (Standard/guidance values) (Technical and Operational Guidance Series [TOGS] 1.1.1).

µg/L = Microgram(s) per liter.
ng/L = Nanogram(s) per liter
J = Concentration is estimated.
NA = Not analyzed.
NSL = No screening level available.
PFAS = Per-and polyfluoroalkyl substances.
U = Analyte not detected.
Concentrations exceeding the screening level are bolded and shaded gray.

Table 2. Historical Analytical Results for PFAS and 1,4-dioxane

Location			MW-11	MW-11	MW-11	MW-11	MW-12	MW-12	MW-13
Sample Name			MW-11	152077-MW-11-10172023	152077-MW-11D-10172023	152077-MW-11-20250320	152077-MW-12-10182023	152077-MW-12-20250320	MW-13
Parent Sample Name					152077-MW-11-20231017				
Sample Date			9/21/2017	10/17/2023	10/17/2023	3/20/2025	10/18/2023	3/20/2025	9/20/2017
Analyte	**NYSDEC AWQS[1]**	**Unit**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
PFAS (E1633/E537)									
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	ng/L	NA	< 1.6 U	< 1.6 U	< 1.9 U	< 1.6 U	< 1.8 U	NA
13C2-6:2 Fluorotelomer sulfonate	NSL	ng/L	7.15	NA	NA	NA	NA	NA	1.61 J
13C2-8:2 Fluorotelomer sulfonate	NSL	ng/L	3.05	NA	NA	NA	NA	NA	< 0.203 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L	NA	2.0 J	5.6 J	4.6 J	< 1.3 U	< 1.5 U	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	ng/L	NA	< 2.0 U	< 2.1 U	< 2.3 U	< 2.1 U	< 2.3 U	NA
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	ng/L	NA	1.9 J	2.5 J	2.4 J	1.3 J	< 0.93 U	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	ng/L	NA	< 6.5 U	< 6.5 U	< 7.4 U	< 6.5 U	< 7.3 U	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	ng/L	NA	< 5.6 U	< 5.6 U	< 6.4 U	< 5.7 U	< 6.3 U	NA
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	ng/L	NA	< 2.2 U	< 2.2 U	< 2.5 U	< 2.2 U	< 2.5 U	NA
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	ng/L	NA	< 1.1 U	< 1.1 U	< 1.3 U	< 1.1 U	< 1.3 U	NA
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	ng/L	NA	< 2.2 U	< 2.2 U	< 2.5 U	< 2.2 U	< 2.5 U	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	ng/L	NA	< 1.6 U	< 1.6 U	< 1.9 U	< 1.6 U	< 1.8 U	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	ng/L	NA	< 0.48 U	< 0.48 U	< 0.55 U	< 0.49 U	< 0.54 U	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	ng/L	< 0.505 U	< 0.83 U	< 0.83 U	< 0.94 U	< 0.83 U	< 0.93 U	< 0.506 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	ng/L	NA	< 3.4 U	< 3.4 U	< 3.9 U	< 3.4 U	< 3.8 U	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	ng/L	NA	< 0.58 U	< 0.58 U	< 0.66 U	< 0.59 U	< 0.65 U	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L	< 0.505 U	< 0.46 U	< 0.47 U	< 0.53 U	1.6 J	1.8 J	< 0.506 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	ng/L	NA	< 2.5 U	< 2.5 U	< 2.9 U	< 2.5 U	< 2.8 U	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	ng/L	NA	< 1.2 U	< 1.2 U	< 1.3 U	< 1.2 U	< 1.3 U	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	ng/L	NA	< 0.25 U	< 0.25 U	< 0.28 U	< 0.25 U	< 0.27 U	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	ng/L	NA	< 0.27 U	< 0.27 U	< 0.31 U	< 0.27 U	< 0.31 U	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	ng/L	NA	< 0.51 U	< 0.51 U	< 0.58 U	< 0.51 U	< 0.57 U	NA
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L	< 0.202 U	2.5	< 0.60 U	1.1 J	4.5	2.5	0.883 J
Perfluorobutanoic Acid	NSL	ng/L	4.65	4.2 J	4.1 J	3.9 J	5.2 J	4.2 J	4.27
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L	< 0.202 U	< 0.99 U	< 0.99 U	< 1.1 U	< 1.0 U	< 1.1 U	< 0.203 U
Perfluorodecanoic acid (PFDA)	NSL	ng/L	< 0.202 U	1.0 J	< 0.57 U	1.5 J	0.77 J	< 0.63 U	0.322 J
Perfluorododecanesulfonic acid (PFDoS)	NSL	ng/L	NA	< 0.36 U	< 0.36 U	< 0.41 U	< 0.37 U	< 0.41 U	NA
Perfluorododecanoic acid (PFDoA)	NSL	ng/L	< 0.202 U	< 0.70 U	< 0.70 U	< 0.80 U	< 0.71 U	< 0.78 U	< 0.203 U
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L	0.788 J	0.89 J	< 0.89 U	< 1.0 U	< 0.90 U	< 1.0 U	0.244 J
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L	5.25	5.1	4.2	4.4	4.2	4.5	5.09
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L	13.4	4.8	4.4	3.7	4.9	5.2	3.57
Perfluorohexanoic acid (PFHxA)	NSL	ng/L	10.4	6.6	7.4	6.7	8.9	7.1	7.8
Perfluorononanesulfonic Acid (PFNS)	NSL	ng/L	NA	< 1.3 U	< 1.3 U	< 1.5 U	< 1.3 U	< 1.5 U	NA
Perfluorononanoic acid (PFNA)	NSL	ng/L	4.09	2.5	3	5.2	1.7 J	1.9 J	1.94 J
Perfluorooctane Sulfonamide (PFOSA)	NSL	ng/L	NA	< 0.63 U	< 0.63 U	< 0.71 U	2	1.5 J	NA
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L	**35.2**	**24.1**	**24.5**	**17.4**	**24**	**20.9**	**16.5**
Perfluorooctanoic acid (PFOA)	6.7	ng/L	**20.6**	**13.2**	**12.9**	**15.3**	**12.4**	**12.5**	**11.9**
Perfluoropentanesulfonic Acid (PFPeS)	NSL	ng/L	NA	2.8	< 0.92 U	< 1.0 U	< 0.92 U	< 1.0 U	NA
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L	3.29	< 0.66 U	< 0.67 U	5.3	10.5	8.8	9.89
Perfluorotetradecanoic acid (PFTeDA)	NSL	ng/L	< 0.202 U	< 0.69 U	< 0.69 U	< 0.79 U	< 0.70 U	< 0.77 U	< 0.203 U
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	ng/L	< 0.202 U	< 0.72 U	< 0.72 U	< 0.82 U	< 0.72 U	< 0.80 U	< 0.203 U
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L	< 0.202 U	< 0.50 U	< 0.50 U	< 0.57 U	< 0.50 U	< 0.56 U	< 0.203 U
1,4-Dioxane (SW8270/SW8270D)									
1,4-Dioxane (P-Dioxane)	0.35	µg/L	**1.6**	**1.4**	**1.28**	**1.25**	< 0.048 U	< 0.20 U	< 0.12 U

(1) NYSDEC Ambient Water Quality Standard Class GA (Standard/guidance values) (Technical and Operational Guidance Series [TOGS] 1.1.1).

µg/L = Microgram(s) per liter.
ng/L = Nanogram(s) per liter
J = Concentration is estimated.
NA = Not analyzed.
NSL = No screening level available.
PFAS = Per-and polyfluoroalkyl substances.
U = Analyte not detected.
Concentrations exceeding the screening level are bolded and shaded gray.

Table 2. Historical Analytical Results for PFAS and 1,4-dioxane

Location			MW-14	MW-14	MW-16	MW-16	MW-23S	MW-23S	MW-23S
Sample Name			MW-14	152077-MW-14-10182023	MW-16	152077-MW-16-20250320	MW-23S	152077-MW-23S-10182023	152077-MW-23S-20250319
Parent Sample Name									
Sample Date			9/21/2017	10/18/2023	9/20/2017	3/20/2025	9/19/2017	10/18/2023	3/19/2025
Analyte	**NYSDEC AWQS[1]**	**Unit**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
PFAS (E1633/E537)									
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	ng/L	NA	< 1.7 U	NA	< 1.9 U	NA	< 1.6 U	< 1.8 U
13C2-6:2 Fluorotelomer sulfonate	NSL	ng/L	7.31	NA	11.6	NA	< 0.525 U	NA	NA
13C2-8:2 Fluorotelomer sulfonate	NSL	ng/L	2.52	NA	2.79	NA	< 0.210 U	NA	NA
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L	NA	2.3 J	NA	< 1.5 U	NA	< 1.3 U	< 1.5 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	ng/L	NA	< 2.2 U	NA	< 2.4 U	NA	< 2.0 U	< 2.3 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	ng/L	NA	1.1 J	NA	< 0.97 U	NA	< 0.80 U	< 0.93 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	ng/L	NA	< 6.9 U	NA	< 7.6 U	NA	< 6.3 U	< 7.3 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	ng/L	NA	< 6.0 U	NA	< 6.6 U	NA	< 5.4 U	< 6.3 U
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	ng/L	NA	< 2.3 U	NA	< 2.6 U	NA	< 2.1 U	< 2.5 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	ng/L	NA	< 1.2 U	NA	< 1.3 U	NA	< 1.1 U	< 1.3 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	ng/L	NA	< 2.4 U	NA	< 2.6 U	NA	< 2.2 U	< 2.5 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	ng/L	NA	< 1.7 U	NA	< 1.9 U	NA	< 1.6 U	< 1.8 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	ng/L	NA	< 0.51 U	NA	< 0.57 U	NA	< 0.47 U	< 0.54 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	ng/L	< 0.545 U	1.1 J	< 0.509 U	< 0.97 U	< 0.525 U	< 0.80 U	< 0.93 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	ng/L	NA	< 3.6 U	NA	< 4.0 U	NA	< 3.3 U	< 3.9 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	ng/L	NA	< 0.62 U	NA	< 0.68 U	NA	< 0.56 U	< 0.66 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L	< 0.545 U	0.89 J	< 0.509 U	< 0.54 U	< 0.525 U	2.5	< 0.52 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	ng/L	NA	< 2.7 U	NA	< 3.0 U	NA	< 2.5 U	< 2.9 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	ng/L	NA	< 1.2 U	NA	< 1.4 U	NA	< 1.1 U	< 1.3 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	ng/L	NA	< 0.26 U	NA	< 0.29 U	NA	< 0.24 U	< 0.28 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	ng/L	NA	< 0.29 U	NA	< 0.32 U	NA	< 0.26 U	< 0.31 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	ng/L	NA	< 0.54 U	NA	< 0.60 U	NA	< 0.49 U	< 0.57 U
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L	< 0.218 U	0.72 J	< 0.204 U	< 0.70 U	1.69 J	1.8	< 0.68 U
Perfluorobutanoic Acid	NSL	ng/L	3.2	3.0 J	4.48	1.9 J	7.94	3.4 J	4.0 J
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L	< 0.218 U	< 1.1 U	< 0.204 U	< 1.2 U	< 0.210 U	< 0.96 U	< 1.1 U
Perfluorodecanoic acid (PFDA)	NSL	ng/L	1.23 J	0.86 J	1.08 J	< 0.66 U	0.441 J	< 0.55 U	< 0.64 U
Perfluorododecanesulfonic acid (PFDoS)	NSL	ng/L	NA	< 0.39 U	NA	< 0.43 U	NA	< 0.35 U	< 0.41 U
Perfluorododecanoic acid (PFDoA)	NSL	ng/L	< 0.218 U	< 0.74 U	< 0.204 U	< 0.82 U	< 0.210 U	< 0.68 U	< 0.79 U
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L	0.552 J	< 0.95 U	0.499 J	< 1.0 U	1.00 J	0.89 J	< 1.0 U
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L	4.39	5.2	4.18	1.0 J	4.55	3.5	2.6
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L	6.25	3.6	10.9	< 1.2 U	8.79	9.8	6.1
Perfluorohexanoic acid (PFHxA)	NSL	ng/L	6.48	5.5	9.59	2.6	8.29	6	4.3
Perfluorononanesulfonic Acid (PFNS)	NSL	ng/L	NA	< 1.4 U	NA	< 1.5 U	NA	< 1.3 U	< 1.5 U
Perfluorononanoic acid (PFNA)	NSL	ng/L	8.47	3	2.38	0.66 J	1.53 J	1.2 J	1.2 J
Perfluorooctane Sulfonamide (PFOSA)	NSL	ng/L	NA	< 0.67 U	NA	1.7 J	NA	< 0.61 U	2.2
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L	**39.4**	**14.3**	**20.8**	2.3	**32.2**	**17.3**	**6.2**
Perfluorooctanoic acid (PFOA)	6.7	ng/L	**18.7**	**8.6**	**17.2**	3	**16.9**	**13.1**	**9.2**
Perfluoropentanesulfonic Acid (PFPeS)	NSL	ng/L	NA	< 0.98 U	NA	< 1.1 U	NA	1.4 J	1.1 J
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L	< 0.218 U	4.1	4.18	2.1 J	6.43	5.8	3.6 J
Perfluorotetradecanoic acid (PFTeDA)	NSL	ng/L	< 0.218 U	< 0.74 U	< 0.204 U	< 0.81 U	< 0.210 U	< 0.67 U	< 0.78 U
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	ng/L	< 0.218 U	< 0.76 U	< 0.204 U	< 0.84 U	< 0.210 U	< 0.70 U	< 0.81 U
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L	< 0.218 U	< 0.53 U	< 0.204 U	< 0.59 U	< 0.210 U	< 0.49 U	< 0.56 U
1,4-Dioxane (SW8270/SW8270D)									
1,4-Dioxane (P-Dioxane)	0.35	µg/L	**1.7**	**0.972**	**2**	< 0.20 U	< 0.12 U	0.256	< 0.20 U

(1) NYSDEC Ambient Water Quality Standard Class GA (Standard/guidance values) (Technical and Operational Guidance Series [TOGS] 1.1.1).

µg/L = Microgram(s) per liter.
ng/L = Nanogram(s) per liter
J = Concentration is estimated.
NA = Not analyzed.
NSL = No screening level available.
PFAS = Per-and polyfluoroalkyl substances.
U = Analyte not detected.
Concentrations exceeding the screening level are bolded and shaded gray.

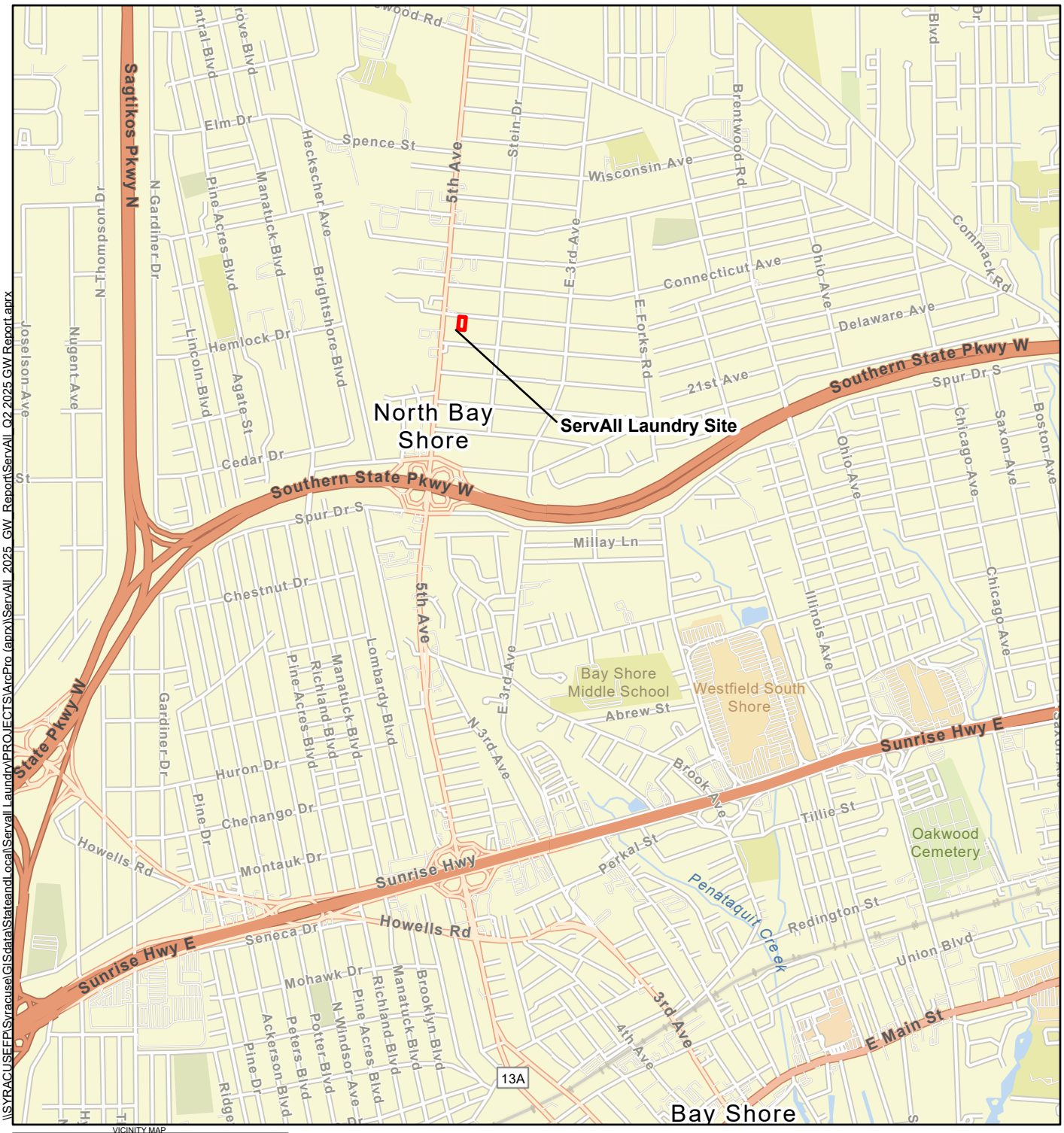
Table 2. Historical Analytical Results for PFAS and 1,4-dioxane

Location			MW-23D	MW-23D	MW-23D	MW-23D
Sample Name			MW-23D	152077-MW-23D-10182023	152077-MW-23D-20250319	152077-DUP-20250319 152077-MW-23D-20250319
Parent Sample Name						
Sample Date			9/19/2017	10/18/2023	3/19/2025	3/19/2025
Analyte	**NYSDEC AWQS[1]**	**Unit**	**Result**	**Result**	**Result**	**Result**
PFAS (E1633/E537)						
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	ng/L	NA	< 1.6 U	< 1.8 U	< 1.8 U
13C2-6:2 Fluorotelomer sulfonate	NSL	ng/L	< 0.487 U	NA	NA	NA
13C2-8:2 Fluorotelomer sulfonate	NSL	ng/L	< 0.195 U	NA	NA	NA
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L	NA	< 1.3 U	< 1.5 U	< 1.5 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	ng/L	NA	< 2.0 U	< 2.3 U	< 2.3 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	ng/L	NA	< 0.79 U	< 0.92 U	< 0.93 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	ng/L	NA	< 6.2 U	< 7.2 U	< 7.3 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	ng/L	NA	< 5.4 U	< 6.2 U	< 6.3 U
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	ng/L	NA	< 2.1 U	< 2.4 U	< 2.5 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	ng/L	NA	< 1.1 U	< 1.2 U	< 1.3 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	ng/L	NA	< 2.1 U	< 2.5 U	< 2.5 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	ng/L	NA	< 1.6 U	< 1.8 U	< 1.8 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	ng/L	NA	< 0.46 U	< 0.53 U	< 0.54 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	ng/L	< 0.487 U	< 0.79 U	< 0.92 U	< 0.93 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	ng/L	NA	< 3.3 U	< 3.8 U	< 3.8 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	ng/L	NA	< 0.56 U	< 0.65 U	< 0.65 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L	< 0.487 U	< 0.44 U	< 0.51 U	< 0.52 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	ng/L	NA	< 2.4 U	< 2.8 U	< 2.8 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	ng/L	NA	< 1.1 U	< 1.3 U	< 1.3 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	ng/L	NA	< 0.23 U	< 0.27 U	< 0.27 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	ng/L	NA	< 0.26 U	< 0.30 U	< 0.31 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	ng/L	NA	< 0.49 U	< 0.56 U	< 0.57 U
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L	1.44 J	2.4	2	2.3
Perfluorobutanoic Acid	NSL	ng/L	4.16	3.6 J	3.5 J	4.0 J
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L	< 0.195 U	1.6 J	< 1.1 U	< 1.1 U
Perfluorodecanoic acid (PFDA)	NSL	ng/L	0.852 J	0.72 J	0.65 J	0.88 J
Perfluorododecanesulfonic acid (PFDoS)	NSL	ng/L	NA	< 0.35 U	< 0.40 U	< 0.41 U
Perfluorododecanoic acid (PFDoA)	NSL	ng/L	< 0.195 U	< 0.67 U	< 0.78 U	< 0.78 U
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L	0.416 J	< 0.85 U	< 0.99 U	< 1.0 U
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L	2.54	2.8	3.3	3.9
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L	3.97	2	6.1	6.6
Perfluorohexanoic acid (PFHxA)	NSL	ng/L	4.59	8.7	5.6	7.1
Perfluorononanesulfonic Acid (PFNS)	NSL	ng/L	NA	< 1.3 U	< 1.5 U	< 1.5 U
Perfluorononanoic acid (PFNA)	NSL	ng/L	2.12	3.7	8.3	9
Perfluorooctane Sulfonamide (PFOSA)	NSL	ng/L	NA	5.8	< 0.70 U	< 0.70 U
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L	**30**	**25**	**18.6**	**19.8**
Perfluorooctanoic acid (PFOA)	6.7	ng/L	**9.4**	**9.2**	**10.9**	**12.2**
Perfluoropentanesulfonic Acid (PFPeS)	NSL	ng/L	NA	< 0.88 U	< 1.0 U	1.2 J
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L	4.56	12	8.6	8.8
Perfluorotetradecanoic acid (PFTeDA)	NSL	ng/L	< 0.195 U	< 0.66 U	< 0.77 U	< 0.77 U
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	ng/L	< 0.195 U	< 0.69 U	< 0.80 U	< 0.80 U
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L	< 0.195 U	< 0.48 U	< 0.55 U	< 0.56 U
1,4-Dioxane (SW8270/SW8270D)						
1,4-Dioxane (P-Dioxane)	0.35	µg/L	**0.99**	< 0.050 U	**0.763**	**0.488**

(1) NYSDEC Ambient Water Quality Standard Class GA (Standard/guidance values) (Technical and Operational Guidance Series [TOGS] 1.1.1).

µg/L = Microgram(s) per liter.
ng/L = Nanogram(s) per liter
J = Concentration is estimated.
NA = Not analyzed.
NSL = No screening level available.
PFAS = Per-and polyfluoroalkyl substances.
U = Analyte not detected.
Concentrations exceeding the screening level are bolded and shaded gray.

FIGURES



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Site Boundary/Institutional Control

Figure 1
SITE LOCATION
ServAll Laundry (152077)
Bay Shore, New York

Map Date: 5/20/2025
Projection: NAD 1983 State Plane
New York Long Island 3104 (in Feet)

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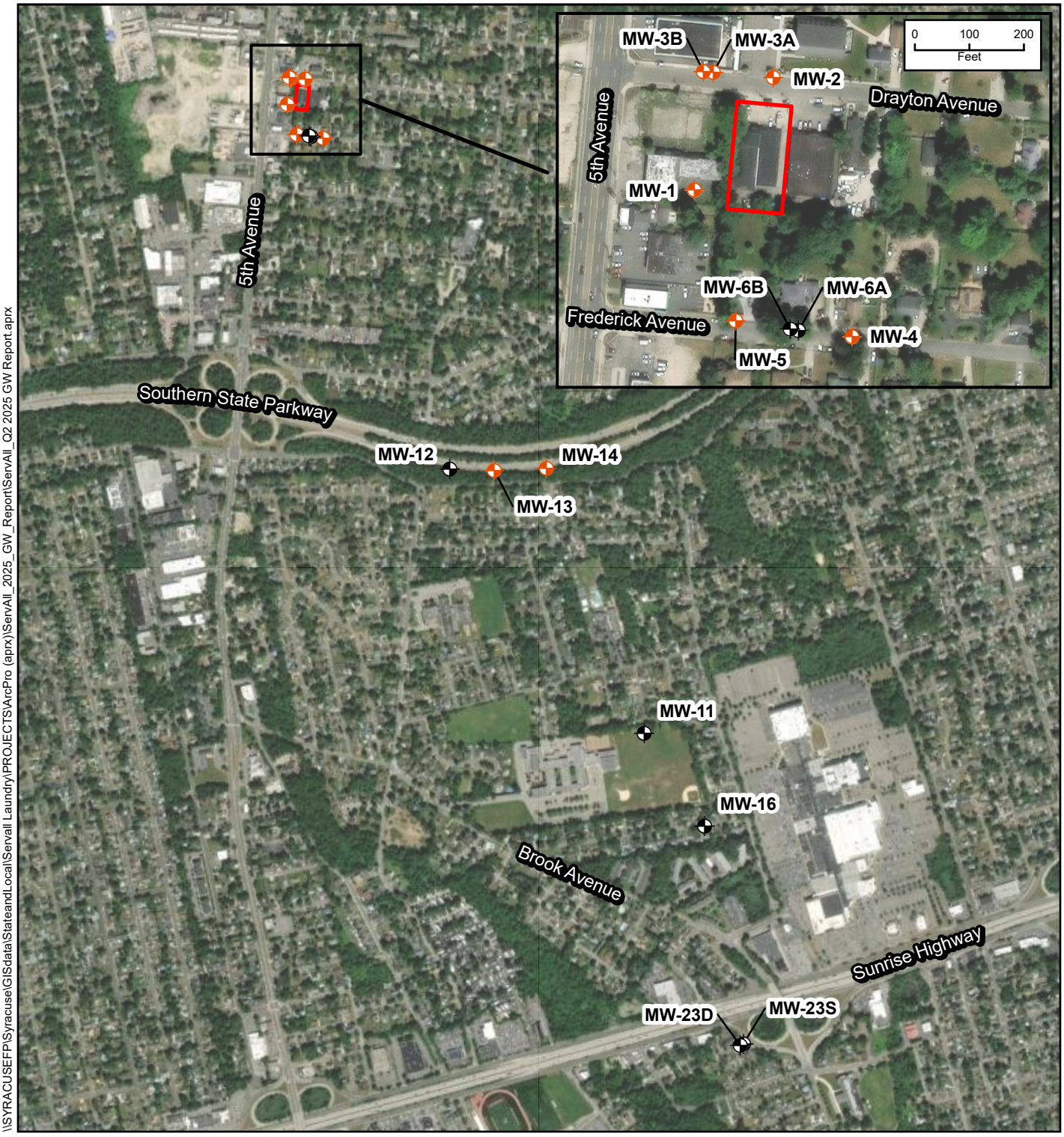

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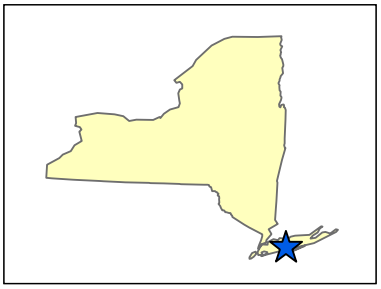

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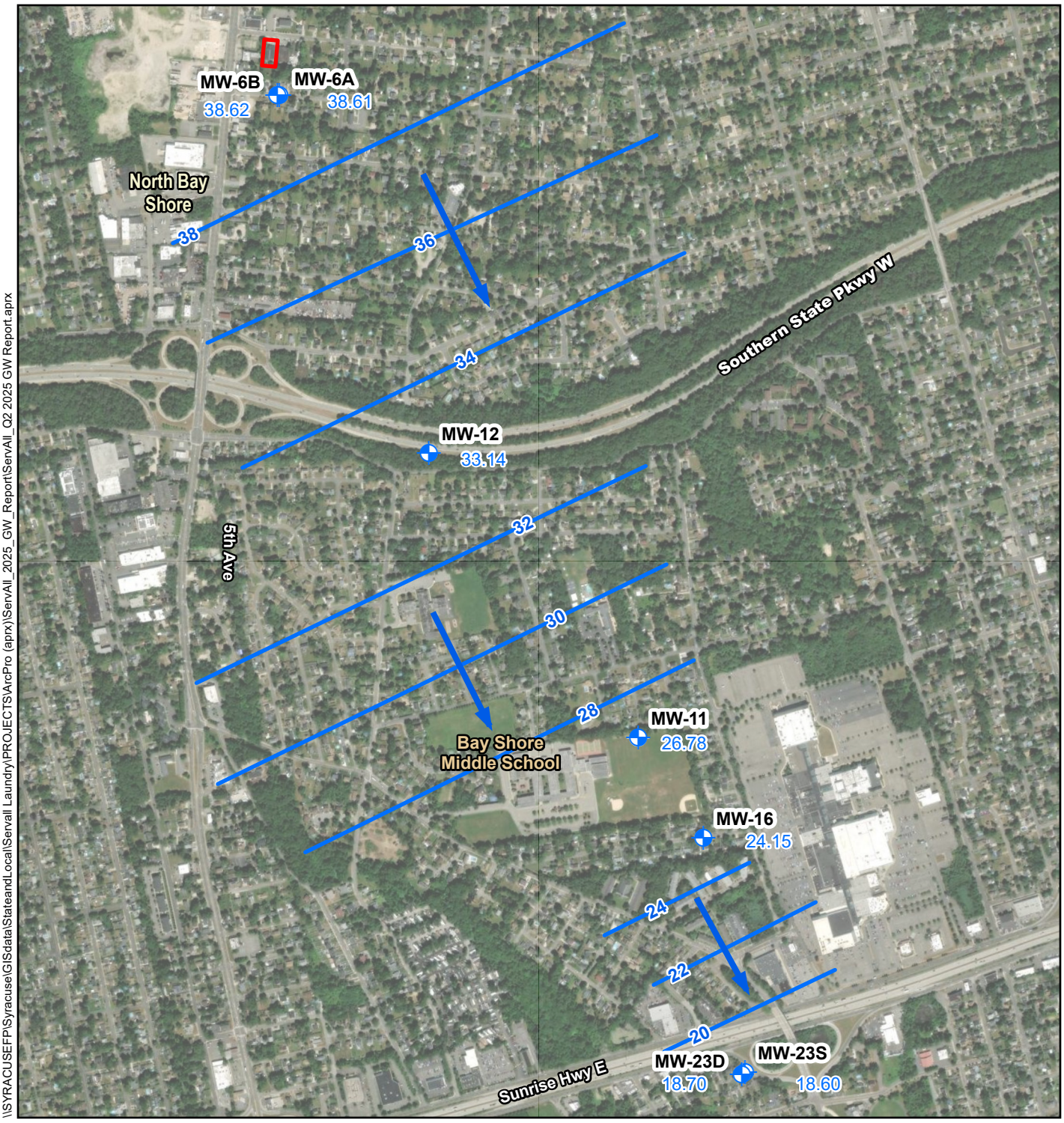
- Site Boundary/Institutional Control
- Monitoring Well
- Monitoring Well Proposed for Decommissioning

Figure 2
SITE LAYOUT
ServAll Laundry (152077)
Bay Shore, New York

Map Date: 5/20/2025
Projection: NAD83 State Plane New York Long Island (in feet)

NEW YORK STATE Department of Environmental Conservation



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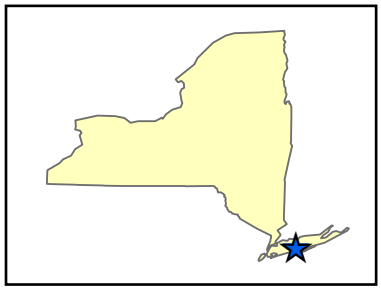

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Legend

- Site Boundary
- Groundwater Elevation Contour (2 foot interval)
- Groundwater Flow Direction
- Monitoring Wells (Sampled / Gauged)

Figure 3
MARCH 2025
GROUNDWATER ELEVATIONS
ServAll Laundry (152077)
Bay Shore, NY

Map Date: 5/20/2025
Projection: NAD83 State Plane New York Long Island (in feet)

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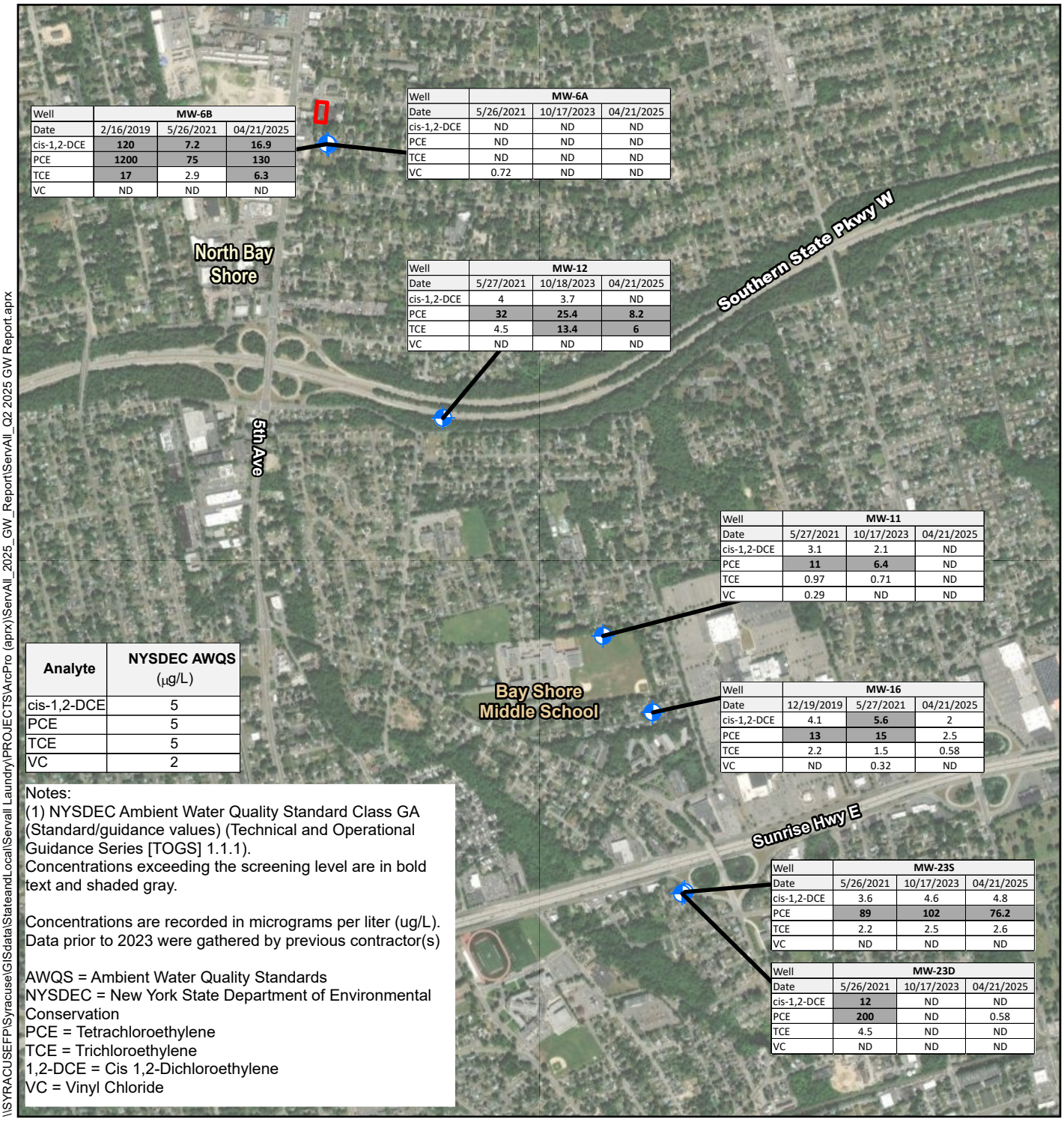


Well	MW-6B		
Date	2/16/2019	5/26/2021	04/21/2025
cis-1,2-DCE	**120**	**7.2**	**16.9**
PCE	**1200**	**75**	**130**
TCE	**17**	2.9	**6.3**
VC	ND	ND	ND

Well	MW-6A		
Date	5/26/2021	10/17/2023	04/21/2025
cis-1,2-DCE	ND	ND	ND
PCE	ND	ND	ND
TCE	ND	ND	ND
VC	0.72	ND	ND

Well	MW-12		
Date	5/27/2021	10/18/2023	04/21/2025
cis-1,2-DCE	4	3.7	ND
PCE	**32**	**25.4**	**8.2**
TCE	4.5	**13.4**	**6**
VC	ND	ND	ND

Well	MW-11		
Date	5/27/2021	10/17/2023	04/21/2025
cis-1,2-DCE	3.1	2.1	ND
PCE	**11**	**6.4**	ND
TCE	0.97	0.71	ND
VC	0.29	ND	ND

Well	MW-16		
Date	12/19/2019	5/27/2021	04/21/2025
cis-1,2-DCE	4.1	**5.6**	2
PCE	**13**	**15**	2.5
TCE	2.2	1.5	0.58
VC	ND	0.32	ND

Well	MW-23S		
Date	5/26/2021	10/17/2023	04/21/2025
cis-1,2-DCE	3.6	4.6	4.8
PCE	**89**	**102**	**76.2**
TCE	2.2	2.5	2.6
VC	ND	ND	ND

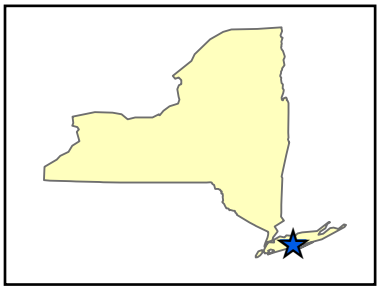
Well	MW-23D		
Date	5/26/2021	10/17/2023	04/21/2025
cis-1,2-DCE	**12**	ND	ND
PCE	**200**	ND	0.58
TCE	4.5	ND	ND
VC	ND	ND	ND

Analyte	NYSDEC AWQS (µg/L)
cis-1,2-DCE	5
PCE	5
TCE	5
VC	2

Notes:
(1) NYSDEC Ambient Water Quality Standard Class GA (Standard/guidance values) (Technical and Operational Guidance Series [TOGS] 1.1.1).
Concentrations exceeding the screening level are in bold text and shaded gray.

Concentrations are recorded in micrograms per liter (ug/L).
Data prior to 2023 were gathered by previous contractor(s)

AWQS = Ambient Water Quality Standards
NYSDEC = New York State Department of Environmental Conservation
PCE = Tetrachloroethylene
TCE = Trichloroethylene
1,2-DCE = Cis 1,2-Dichloroethylene
VC = Vinyl Chloride



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Site Boundary

Monitoring Wells (Sampled / Gauged)

Figure 4
Q2 2025 SUMMARY OF VOCs IN GROUNDWATER
ServAll Laundry (152077)
Bay Shore, NY

Map Date: 5/20/2025
Projection: NAD83 State Plane New York Long Island (in feet)

NEW YORK STATE Department of Environmental Conservation

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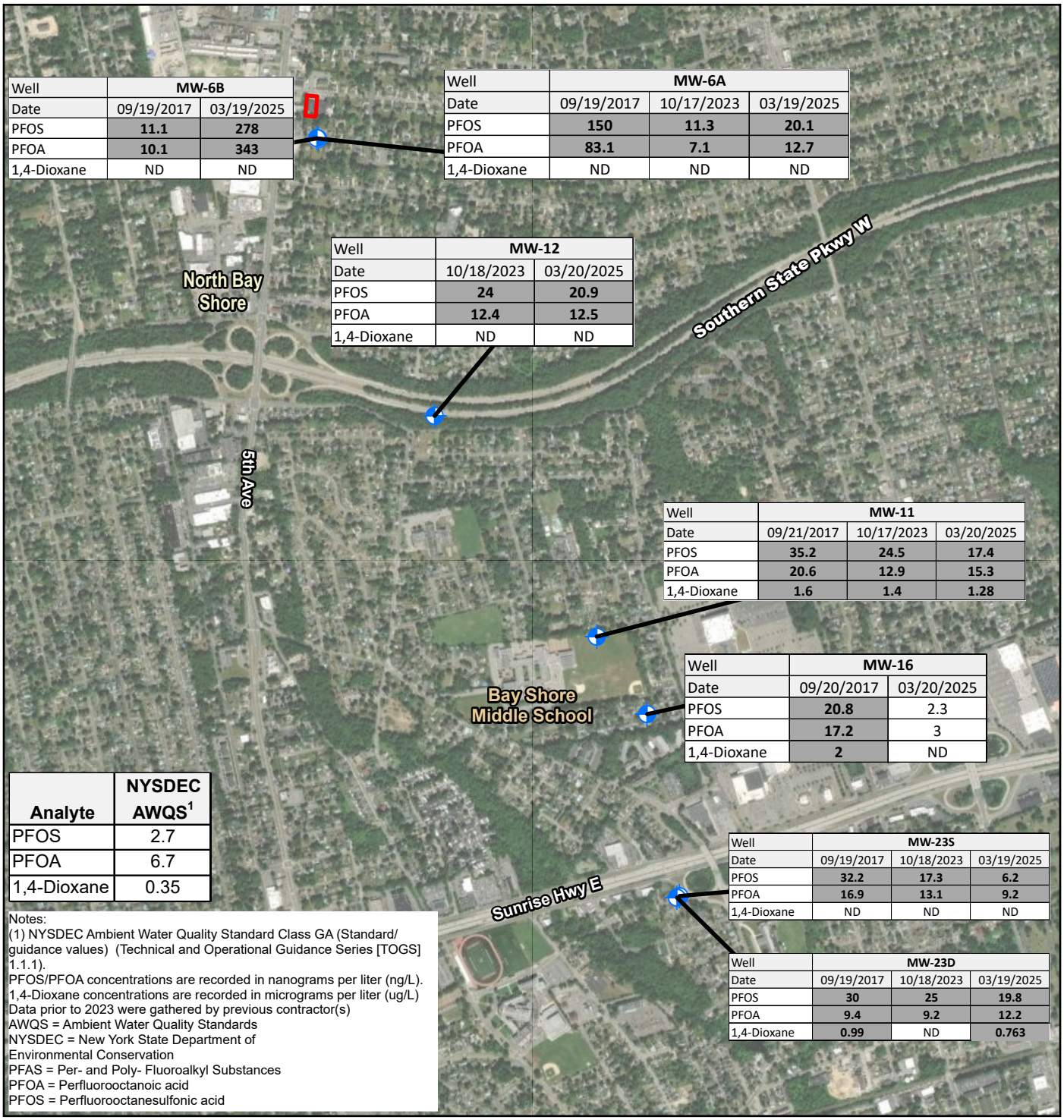


Well	MW-6B	
Date	09/19/2017	03/19/2025
PFOS	**11.1**	**278**
PFOA	**10.1**	**343**
1,4-Dioxane	ND	ND

Well	MW-6A		
Date	09/19/2017	10/17/2023	03/19/2025
PFOS	**150**	**11.3**	**20.1**
PFOA	**83.1**	**7.1**	**12.7**
1,4-Dioxane	ND	ND	ND

Well	MW-12	
Date	10/18/2023	03/20/2025
PFOS	**24**	**20.9**
PFOA	**12.4**	**12.5**
1,4-Dioxane	ND	ND

Well	MW-11		
Date	09/21/2017	10/17/2023	03/20/2025
PFOS	**35.2**	**24.5**	**17.4**
PFOA	**20.6**	**12.9**	**15.3**
1,4-Dioxane	**1.6**	**1.4**	**1.28**

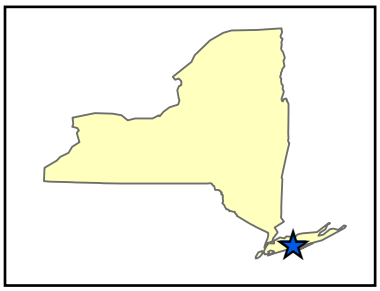
Well	MW-16	
Date	09/20/2017	03/20/2025
PFOS	**20.8**	2.3
PFOA	**17.2**	3
1,4-Dioxane	**2**	ND

Well	MW-23S		
Date	09/19/2017	10/18/2023	03/19/2025
PFOS	**32.2**	**17.3**	**6.2**
PFOA	**16.9**	**13.1**	**9.2**
1,4-Dioxane	ND	ND	ND

Well	MW-23D		
Date	09/19/2017	10/18/2023	03/19/2025
PFOS	**30**	**25**	**19.8**
PFOA	**9.4**	**9.2**	**12.2**
1,4-Dioxane	**0.99**	ND	**0.763**

Analyte	NYSDEC AWQS[1]
PFOS	2.7
PFOA	6.7
1,4-Dioxane	0.35

Notes:
(1) NYSDEC Ambient Water Quality Standard Class GA (Standard/ guidance values) (Technical and Operational Guidance Series [TOGS] 1.1.1).
PFOS/PFOA concentrations are recorded in nanograms per liter (ng/L).
1,4-Dioxane concentrations are recorded in micrograms per liter (ug/L)
Data prior to 2023 were gathered by previous contractor(s)
AWQS = Ambient Water Quality Standards
NYSDEC = New York State Department of Environmental Conservation
PFAS = Per- and Poly- Fluoroalkyl Substances
PFOA = Perfluorooctanoic acid
PFOS = Perfluorooctanesulfonic acid



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Site Boundary

Monitoring Wells (Sampled / Gauged)

Figure 5
Q2 2025 SUMMARY OF PFAS AND 1,4-DIOXANE IN GROUNDWATER
ServAll Laundry (152077)
Bay Shore, NY

Map Date: 5/20/2025
Projection: NAD83 State Plane New York Long Island (in feet)

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Appendix A.
Monitoring Well Purge Logs

EA Engineering, P.C.
EA Science and Technology

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GROUNDWATER SAMPLING PURGE FORM

Well I.D.: MW-6A	EA Personnel: A. Faux	Client: NYSDEC
Location: Seawall	Well Condition: Fair	Weather: 60°F Sunny
Sounding Method: Heron	Gauge Date: 3/19/25	Measurement Ref: TOIC
Stick Up/Down (ft): Flush	Gauge Time: 1655	Well Diameter (in): 2"

Purge Date: 3/19/25	Purge Time: 1620
Purge Method: Low flow	Field Technician: A. Faux

Well Volume

A. Well Depth (ft): 60.04	D. Well Volume (ft): 0.163	Depth/Height of Top of PVC:
B. Depth to Water (ft): 25.26	E. Well Volume (gal) C*D: 5.67	Pump Type: Per.
C. Liquid Depth (ft) (A-B): 34.78	F. Three Well Volumes (gal) (E3): 17.00	Pump Intake Depth: 55 ft

Water Quality Parameters

Time (hrs) 3-5 min	Temperature (oC) ± 1 °C	pH (pH units) ± 0.1 pH	ORP (mV) ± 10 mV	Conductivity (S/m) ± 3%	Turbidity (ntu) ± 10 NTUs	DO (mg/L) ± 10% / <0.5	DTW (ft btoc) ± 0.3 feet	Rate (Lpm) 0.1-0.5 Lpm	Volume (liters)
1620	16.06	5.11	230	0.344	143	3.86	25.26	0.25	0
1625	15.88	4.75	293	0.345	120	3.35	25.26	|	1.25
1630	15.87	4.72	301	0.345	64.8	3.19	25.26	|	2.5
1635	15.74	4.98	252	0.352	53.1	2.66	25.26	|	3.75
1640	15.71	5.09	251	0.330	58.6	2.48	25.26	|	5
1645	15.67	5.19	213	0.324	51.3	2.23	25.33	|	6.25
1650	15.65	5.37	187	0.317	44.4	2.50	25.35	|	7.5
1655	15.57	5.46	164	0.316	49.2	2.48	25.35	|	8.75
1700	15.57	5.46	165	0.314	30.0	2.11	25.35	|	10
1705	15.57	5.47	169	0.312	17.5	2.19	25.35	|	11.25
1710	15.55	5.47	167	0.311	12.3	2.13	25.35	|	12.5
1715	15.54	5.48	167	0.310	11.7	2.09	25.55	V	13.75

Total Quantity of Water Removed (gal): 3.63
Samplers: A. Faux
Sampling Date: 3/19/25

Sampling Time: 1715
Split Sample With:
Sample Type: PDAS, 1,4-Dioxane, VOCs

COMMENTS AND OBSERVATIONS: 152077-MW-6A-20250319

WELL PURGING AND SAMPLING RECORD

Site Name/Location Servall	Project No: 152077	Page 1 of 2
Well ID MW-6B	Date 3/19/24	Time 1618
Well Site Description Residential Street		
Weather/Temp Sunny/59°		
Field Technician C. Filtch		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl)	Screened Interval (ft bgs)
Well Diameter (in.) 2 in	Nominal Borehole Diameter (in.)

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 27.31	Gallons per foot of depth 0.163
Depth to product (ft) NA	Static water level (ft) 25.3
Product column height (ft) NA	Water column height (ft) 1.8
Product volume (Gallons) NA	Water volume (Gallons) .29

PURGE INFORMATION

Pump Type / ID Peristaltic/11203		Water Quality Meter Type / ID HORIBA U-52/44234
Pump Intake Depth (ft) 26.3		Flow-Thru Cell Volume (L)
Purge Start Time 1620		Appearance/Odor (Start) Clear / None
Purge End Time 1723		Appearance/Odor (End) Clear / None
Average Purge Rate (mL/min) 250		Total Drawdown (ft)
Well Went Dry (Y)(N)	Stop Time	Volume removed (L)
Recovery Time	Recovery Rate (mL/min)	Restart Purge Time
Total Volume Removed (L) 15.75		Total Pump Time (min) 63

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	Temp. (°C) (+- 3%)	pH (+/-0.1)	ORP (mV) (+/- 10)	Cond. (µS/cm) (+- 3%)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <0.5 mg/L	Depth to Water (ft below TOC)
3/19	1620	~250		16.86	6.000	196	0.210	82.3	4.41	25.30
	1625	~250	1.250	16.51	5.86	218	0.205	69.0	4.58	25.30
	1630	~250	2.500	16.28	5.91	226	0.202	63.4	8.90	25.30
	1635	250	3.750	15.79	5.77	231	0.204	39.0	8.99	25.30
	1640	250	5.000	15.74	5.73	235	0.205	16.2	8.91	25.29
	1645	250	6.250	15.64	5.68	235	0.205	18.7	9.55	25.29
	1650	250	7.500	15.60	5.66	238	0.205	22.1	8.76	25.29
	1655	250	8.750	15.53	5.64	237	0.206	13.7	8.72	25.29
	1700	250	9.000	15.48	5.62	237	0.2085	11.3	8.68	25.29
	1705	250	10.250	15.43	5.59	237	0.205	0.0	8.60	25.29
	1710	250	11.500	15.41	5.58	238	0.205	0.0	8.56	25.29

COMMENTS Pump intake 1 ft due to small water column.

SAMPLE COLLECTION

Sample Date	Sample Time 1715
Sample ID 152077-MW-6B-20250319	
QA/QC Collected / ID	Sample Appearance/Odor None & Clear.
Analyses VOCs, PFAS, 1,4-DIOX	
Sampler C. Filtch	Signature C. Filtch

WELL PURGING AND SAMPLING RECORD

Site Name/Location	Seavall	Project No:	Page 2 of 2
Well ID	MW-COB	Date	Time
Well Site Description	SEE PG. 1		
Weather/Temp			
Field Technician			

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl)	Screened Interval (ft bgs)
Well Diameter (in.)	Nominal Borehole Diameter (in.)

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft)	Gallons per foot of depth
Depth to product (ft)	Static water level (ft)
Product column height (ft)	Water column height (ft)
Product volume (Gallons)	Water volume (Gallons)

PURGE INFORMATION

Pump Type / ID		Water Quality Meter Type / ID
Pump Intake Depth (ft)		Flow-Thru Cell Volume (L)
Purge Start Time		Appearance/Odor (Start)
Purge End Time		Appearance/Odor (End)
Average Purge Rate (mL/min)		Total Drawdown (ft)
Well Went Dry (Y/N)	Stop Time	Volume removed (L)
Recovery Time	Recovery Rate (mL/min)	Restart Purge Time
Total Volume Removed (L)		Total Pump Time (min)

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	Temp. (°C) (+- 3%)	pH (+/-0.1)	ORP (mV) (+/- 10)	Cond. (µS/cm) (+- 3%)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <0.5 mg/L	Depth to Water (ft below TOC)
3/19	1715	250	12.750	15.39	8.58	238	0.205	0.0	8.54	25.29

COMMENTS _____

SAMPLE COLLECTION

Sample Date	Sample Time
Sample ID	
QA/QC Collected / ID	Sample Appearance/Odor
Analyses	
Sampler	Signature

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GROUNDWATER SAMPLING PURGE FORM

Well I.D.: MW-11	EA Personnel: A. Faux	Client: NYSDEC
Location: Small	Well Condition: Good	Weather: 44°F Rain
Sounding Method: Heron	Gauge Date: 3/20/25	Measurement Ref: TOC
Stick Up/Down (ft): flush	Gauge Time: 0850	Well Diameter (in): 2 in

Purge Date: 3/20/25	Purge Time: 0900
Purge Method: low flow	Field Technician: A. Faux

Well Volume

A. Well Depth (ft): 89.18	D. Well Volume (ft): 0.163	Depth/Height of Top of PVC:
B. Depth to Water (ft): 10.29	E. Well Volume (gal) C*D: 79.05	Pump Type: Peri
C. Liquid Depth (ft) (A-B): 78.89	F. Three Well Volumes (gal) (E3): 237.159	Pump Intake Depth: 84 ft

Water Quality Parameters

Time (hrs) 3-5 min	Temperature (oC) ± 1 °C	pH (pH units) ± 0.1 pH	ORP (mV) ± 10 mV	Conductivity (S/m) ± 3%	Turbidity (ntu) ± 10 NTUs	DO (mg/L) ± 10% / <0.5	DTW (ft btoc) ± 0.3 feet	Rate (Lpm) 0.1-0.5 Lpm	Volume (liters)
0900	12.80	5.94	106	0.365	277	6.98	10.29	0.25	0
0905	13.44	5.93	78	0.407	112	6.29	10.29		1.25
0910	13.56	5.89	77	0.405	60.1	3.59	10.29		2.5
0915	13.62	5.87	79	2.76	30.1	2.73	10.29		3.75
0920	13.49	5.87	80	0.400	1.4	0.66	10.29		5
0925	13.49	5.86	81	0.401	0	0.59	10.29		6.25
0930	13.51	5.86	81	0.402	1.1	0.52	10.29	↓	7.5

Total Quantity of Water Removed (gal): 1.98
Samplers: A. Faux
Sampling Date: 3/20/25

Sampling Time: 0930
Split Sample With:
Sample Type: PFAS, 1,4-Dioxane, VOCs

COMMENTS AND OBSERVATIONS: Sample ID: 152077-MW-11-20250320

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GROUNDWATER SAMPLING PURGE FORM

Well I.D.: MW-12	EA Personnel: A Faux, A Carey	Client: NYSDEC
Location: Servall	Well Condition: Good	Weather: 44° F Cloudy
Sounding Method: Horon	Gauge Date: 3/20/25	Measurement Ref: TOIC
Stick Up/Down (ft): Flush	Gauge Time: 1040	Well Diameter (in): 2in

Purge Date: 3/20/25	Purge Time: 1050
Purge Method: Low flow	Field Technician: A. Faux, A. Carey

Well Volume

A. Well Depth (ft): 89.79	D. Well Volume (ft): 0.163	Depth/Height of Top of PVC:
B. Depth to Water (ft): 17.47	E. Well Volume (gal) C*D: 11.78	Pump Type: Peri
C. Liquid Depth (ft) (A-B): 72.27	F. Three Well Volumes (gal) (E3): 35.34	Pump Intake Depth: 84.79

Water Quality Parameters

Time (hrs) 3-5 min	Temperature (oC) ± 1 °C	pH (pH units) ± 0.1 pH	ORP (mV) ± 10 mV	Conductivity (S/m) ± 3%	Turbidity (ntu) ± 10 NTUs	DO (mg/L) ± 10% / <0.5	DTW (ft btoc) ± 0.3 feet	Rate (Lpm) 0.1-0.5 Lpm	Volume (liters)
1050	12.84	6.86	123	0.565	173	1.77	17.47	0.25	0
1055	13.56	6.01	154	0.583	34.9	0.27	17.47		1.25
1100	13.81	5.89	149	0.581	26.5	0.14	17.47		2.5
1105	13.86	5.86	154	0.579	19.5	0.21	17.47		3.75
1110	13.93	5.83	169	0.579	13.5	0.11	17.47		5
1115	13.93	5.85	175	0.579	9.7	0.03	17.47		6.25
1120	13.95	5.85	181	0.578	6.7	0.04	17.47		7.5
1125	13.69	5.89	180	0.582	7.3	8.77	17.47		8.75
1130	13.79	5.86	185	0.581	9.3	8.72	17.47		10
1135	13.82	5.86	187	0.580	8.7	8.52	17.47		11.25

Total Quantity of Water Removed (gal): 2.97
Samplers: A. Faux, A. Carey
Sampling Date: 3/20/25

Sampling Time: 1135
Split Sample With:
Sample Type: ~~135~~ PFAS, 1,4-Dioxane, VOCs

COMMENTS AND OBSERVATIONS: Sample ID: 152077-MW-12-20250320

WELL PURGING AND SAMPLING RECORD

Site Name/Location Servall	Project No: 152077	Page 1 of 1
Well ID MW-16	Date 3/20/25	Time 825
Well Site Description Residential Street		
Weather/Temp Cloudy, Light Rain / 45°		
Field Technician CF		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl)	Screened Interval (ft bgs)
Well Diameter (in.) 2in	Nominal Borehole Diameter (in.)

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 92.85	Gallons per foot of depth 0.163
Depth to product (ft) NA	Static water level (ft) 12.35
Product column height (ft) NA	Water column height (ft) 80.5
Product volume (Gallons) NA	Water volume (Gallons) 13.12

PURGE INFORMATION

Pump Type / ID Peristaltic / 11203		Water Quality Meter Type / ID HORIBA U-52/44234
Pump Intake Depth (ft) 87.85		Flow-Thru Cell Volume (L)
Purge Start Time 900		Appearance/Odor (Start) Turbid / None
Purge End Time 1002		Appearance/Odor (End) Turbid / Slight sulfur
Average Purge Rate (mL/min) 250		Total Drawdown (ft)
Well Went Dry (Y/(N))	Stop Time	Volume removed (L)
Recovery Time	Recovery Rate (mL/min)	Restart Purge Time
Total Volume Removed (L) 15.5		Total Pump Time (min) 62

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	Temp. (°C) (+- 3%)	pH (+/-0.1)	ORP (mV) (+/- 10)	Cond. (µS/cm) (+- 3%)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <0.5 mg/L	Depth to Water (ft below TOC)
3/20	900	250		12.18	7.00	160	0.633	54.3	1.42	12.86
	905	250	1.25	12.56	7.15	148	0.663	63.8	0.92	12.90
	910	250	2.50	12.74	7.28	127	0.665	52.6	0.90	12.98
	915	250	3.75	12.90	7.31	105	0.666	53.1	0.70	13.00
	920	250	5.00 (R)	12.98	7.34	49	0.666	45.0	0.65	13.04
	925	250	6.25	13.06	7.40	-27	0.663	39.4	0.48	13.04
	930	250	7.50	13.04	7.41	-59	0.659	39.5	0.44	13.04
	935	250	8.75	13.09	7.38	-75	0.654	31.0	0.46	13.04
	940	250	10.00	13.11	7.37	-83	0.646	27.9	0.39	13.04
	945	250	11.25	13.12	7.27	-86	0.638	27.1	0.31	13.04
	950	250	12.50	13.15	7.23	-87	0.631	26.5	0.33	13.04

COMMENTS _____

SAMPLE COLLECTION

Sample Date 3/20/25	Sample Time 950
Sample ID 152077-MW-16-20250320	
QA/QC Collected / ID	Sample Appearance/Odor Turbid / slight sulfur
Analyses VOCs, PFAS, 1,4-DIOX	
Sampler C. FILTCH	Signature C Filtch

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GROUNDWATER SAMPLING PURGE FORM

Well I.D.: MW-23S	EA Personnel: A. Faux	Client: NYSDEC
Location: Seawall	Well Condition: Good	Weather: 60°F Sunny
Sounding Method: Horon	Gauge Date: 3/19/25	Measurement Ref: TOIC
Stick Up/Down (ft): Flush	Gauge Time: 1200	Well Diameter (in): 2in

Purge Date: 3/19/25	Purge Time: 1235
Purge Method: Low flow	Field Technician: A. Faux

Well Volume

A. Well Depth (ft): 69.37	D. Well Volume (ft): 0.163	Depth/Height of Top of PVC:
B. Depth to Water (ft): 5.82	E. Well Volume (gal) C*D: 10.36	Pump Type: bladder
C. Liquid Depth (ft) (A-B): 63.55	F. Three Well Volumes (gal) (E3): 31.08	Pump Intake Depth: 64.37

Water Quality Parameters

Time (hrs) 3-5 min	Temperature (oC) ± 1 °C	pH (pH units) ± 0.1 pH	ORP (mV) ± 10 mV	Conductivity (S/m) ± 3%	Turbidity (ntu) ± 10 NTUs	DO (mg/L) ± 10% / <0.5	DTW (ft btoc) ± 0.3 feet	Rate (Lpm) 0.1-0.5 Lpm	Volume (liters)
1235	14.59	6.29	72	0.056	225	6.93	5.82	0.25	0
1240	14.48	6.84	92	0.058	237	6.62	5.82	|	1.25
1245	15.95	6.66	105	0.049	201	6.62	5.82	|	2.5
1250	17.03	6.23	122	0.033	192	6.75	5.82	|	3.75
1255	18.45	6.01	133	0.0	161	8.85	5.82	|	5
1300	15.34	6.62	127	0.041	492	6.43	5.82	|	6.25
1305	14.42	5.92	182	0.149	576	2.72	5.82	|	7.5
1310	14.47	5.92	185	0.152	558	2.78	5.82	|	8.75
1315	14.35	5.87	196	0.169	383	2.14	5.82	|	10
1320	14.35	5.82	202	0.179	287	2.08	5.82	|	11.25
1325	14.39	5.80	210	0.186	189	1.90	5.82	|	12.5
1330	14.40	5.76	215	0.191	150	1.86	5.82	|	13.75
1335	14.20	5.77	219	0.197	133	1.77	5.82	|	15
1340	14.21	5.74	223	0.203	97.0	1.61	5.82	|	16.25
1345	14.29	5.73	226	0.205	89.5	1.52	5.82	|	17.5
1350	14.31	5.71	230	0.214	61.5	1.50	5.82	V	18.75

Total Quantity of Water Removed (gal): 5.0 L
Samplers: A. Faux
Sampling Date: 3/19/25

Sampling Time: 1400
Split Sample With: —
Sample Type: PFAS, 1,4-Dioxane

COMMENTS AND OBSERVATIONS: Sample ID: 152077-MW-23S-20250319 VOCs

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GROUNDWATER SAMPLING PURGE FORM

Well I.D.: MW-23S	EA Personnel: A. Faux	Client: NYSDEC
Location: Seneca	Well Condition: Good	Weather: 60°F Sunny
Sounding Method: Heron	Gauge Date: 3/19/25	Measurement Ref: TOIC
Stick Up/Down (ft): Flush	Gauge Time: 1200	Well Diameter (in): 2in

Purge Date: 3/19/25	Purge Time: 1235
Purge Method: Low flow	Field Technician: A. Faux

Well Volume

A. Well Depth (ft): 69.37	D. Well Volume (ft): 0.163	Depth/Height of Top of PVC:
B. Depth to Water (ft): 5.82	E. Well Volume (gal) C*D: 10.36	Pump Type: Bladder
C. Liquid Depth (ft) (A-B): 63.55	F. Three Well Volumes (gal) (E3): 31.08	Pump Intake Depth: 64.37

Water Quality Parameters

Time (hrs) 3-5 min	Temperature (oC) ± 1 °C	pH (pH units) ± 0.1 pH	ORP (mV) ± 10 mV	Conductivity (S/m) ± 3%	Turbidity (ntu) ± 10 NTUs	DO (mg/L) ± 10%/ <0.5	DTW (ft btoc) ± 0.3 feet	Rate (Lpm) 0.1-0.5 Lpm	Volume (liters)
1355	14.29	5.68	232	0.220	55.9	1.39	5.93	~~0.5~~	20
1400	14.25	5.68	233	0.221	55.1	1.40	5.93	~~0.5~~	21.25

Total Quantity of Water Removed (gal): _____
Samplers: A. Faux
Sampling Date: 3/19/25

Sampling Time: 1400
Split Sample With: _____
Sample Type: 2 EAS, 1 4-Ounce, VOC

COMMENTS AND OBSERVATIONS:

WELL PURGING AND SAMPLING RECORD

Site Name/Location	Seru All	Project No: 1602534	Page 1 of 2
Well ID	MW-23D	Date 3/19/25	Time 1235
Well Site Description	Residential		
Weather/Temp	Sunny / 59°		
Field Technician	A. Carey		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl)	Screened Interval (ft bgs)
Well Diameter (in.) 2"	Nominal Borehole Diameter (in.)

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft)	~~89.6~~ 87.6	Gallons per foot of depth	0.163
Depth to product (ft)	NA	Static water level (ft)	5.75
Product column height (ft)	NA	Water column height (ft)	83.85
Product volume (Gallons)	NA	Water volume (Gallons)	13.75 (3X = 41.25)

PURGE INFORMATION

Pump Type / ID	Bladder 51882	Water Quality Meter Type / ID	Horiba 2115 &
Pump Intake Depth (ft)	~~85~~ 83	Flow-Thru Cell Volume (L)	
Purge Start Time	1235	Appearance/Odor (Start)	NA
Purge End Time	1415	Appearance/Odor (End)	NA
Average Purge Rate (mL/min)	500	Total Drawdown (ft)	0.22
Well Went Dry (Y/N)	Stop Time		Volume removed (L)
Recovery Time	Recovery Rate (mL/min)		Restart Purge Time
Total Volume Removed (L)	52.5	Total Pump Time (min)	105

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <0.5 mg/L	Depth to Water (ft below TOC)
3/19	1235	500	0	5.99	.259	15.10	164	107	12.34	5.75
	40		2.5							
	45		5 L	5.49	.261	14.53	209	0	7.1	
	50			5.43	.273	14.42	218	0	2.05	
	55		10	5.41	.277	14.48	220	0	1.94	
	1300			5.38	.285	14.42	223	740	1.73	
	05		15	5.35	.289	14.36	226	896	8.23	5.97
	10			5.34	.292	"	228	737	7.57	5.97
	15		20	5.33	.295	14.31	232	530	7.09	"
	20			5.32	.298	14.25	235	423	6.52	"
	25		25	5.30	.302	14.22	239	292	6.04	"

COMMENTS _____

SAMPLE COLLECTION

Sample Date 3/19/25	Sample Time 1415
Sample ID 152077-MW-23D-20250319	
QA/QC Collected / ID	Sample Appearance/Odor None
Analyses PFAS, 1,4-Dioxane, VOCs	
Sampler A. Carey	Signature Adam Carey

DUP and MS/MSD collected

WELL PURGING AND SAMPLING RECORD

Site Name/Location	Project No:	Page 2 of 2
Well ID MW-23D	Date	Time
Well Site Description		
Weather/Temp		
Field Technician		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl)	Screened Interval (ft bgs)
Well Diameter (in.)	Nominal Borehole Diameter (in.)

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft)	Gallons per foot of depth
Depth to product (ft)	Static water level (ft)
Product column height (ft)	Water column height (ft)
Product volume (Gallons)	Water volume (Gallons)

PURGE INFORMATION

Pump Type / ID		Water Quality Meter Type / ID
Pump Intake Depth (ft)		Flow-Thru Cell Volume (L)
Purge Start Time		Appearance/Odor (Start)
Purge End Time		Appearance/Odor (End)
Average Purge Rate (mL/min)		Total Drawdown (ft)
Well Went Dry (Y/N)	Stop Time	Volume removed (L)
Recovery Time	Recovery Rate (mL/min)	Restart Purge Time
Total Volume Removed (L)		Total Pump Time (min)

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+- 3%)	Temp. (°C) (+- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <0.5 mg/L	Depth to Water (ft below TOC)
	1330	500		5.29	.305	14.26	242	256	5.29	
	35		30	"	.306	14.21	244			
	40			"	.306	14.17	247			
	45		35	5.29	.308	14.15	246	173	4.28	5.97
	50			5.28	.311	14.13	248	145	3.87	"
	55		40	5.27	.312	14.15	251	129	3.89	"
	1400			5.28	.314	14.13	250	122	3.34	"
	05		45	"	.315	14.10	251	119	2.89	"
	10			5.26	.317	14.09	253	117	2.77	"
	15		50	"	.320	14.07	254	107	2.73	"
	20									

COMMENTS _____

SAMPLE COLLECTION

Sample Date 3/14/25	Sample Time 1415
Sample ID 152077-MW-23D-20250314	
QA/QC Collected / ID Yes	Sample Appearance/Odor None
Analyses	
Sampler ACC	Signature

with: MS/MSD and DUP @ 152077-DUP-20250314

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GROUNDWATER SAMPLING PURGE FORM

Well I.D.: MW-6A	EA Personnel: A. Faux	Client: NYSDEC
Location: Seawall	Well Condition: Good	Weather: 55° F Cloudy
Sounding Method:	Gauge Date: 4/21/25	Measurement Ref: TOC
Stick Up/Down (ft): flush	Gauge Time: 0940	Well Diameter (in): 2"

Purge Date: 4/21/25	Purge Time: 0950
Purge Method: low flow	Field Technician: A. Faux

Well Volume

A. Well Depth (ft): 58.94	D. Well Volume (ft): 0.163	Depth/Height of Top of PVC:
B. Depth to Water (ft): 25.09	E. Well Volume (gal) C*D): 5.52	Pump Type: Peri.
C. Liquid Depth (ft) (A-B): 33.85	F. Three Well Volumes (gal) (E3): 16.55	Pump Intake Depth: 53.94

Water Quality Parameters

Time (hrs) 3-5 min	Temperature (oC) ± 1 °C	pH (pH units) ± 0.1 pH	ORP (mV) ± 10 mV	Conductivity (S/m) ± 3%	Turbidity (ntu) ± 10 NTUs	DO (mg/L) ± 10%/ <0.5	DTW (ft btoc) ± 0.3 feet	Rate (Lpm) 0.1-0.5 Lpm	Volume (liters)
0950	14.14	5.34	258	0.398	51.0	7.47	25.09	0.25	0
0955	14.41	5.25	259	0.389	38.9	6.49	25.09	0.25	1.25
1000	14.91	5.16	241	0.389	30.3	5.95	25.09	0.25	2.5
1005	14.91	5.18	229	0.391	28.5	5.46	25.09	0.25	3.75
1010	14.92	5.19	199	0.389	25.7	5.24	25.09	0.25	5
1015	14.97	5.21	184	0.377	27.1	2.89	25.09	0.25	6.25
1020	14.97	5.21	180	0.371	20.0	3.22	25.09	0.25	7.5
1025	14.98	5.22	181	0.365	12.6	3.42	25.09	0.25	8.75
1030	15.00	5.20	183	0.365	12.6	3.61	25.09	0.25	10

Total Quantity of Water Removed (gal): 2.64
Samplers: A. Faux
Sampling Date: 4/21/25

Sampling Time: 1030
Split Sample With: —
Sample Type: VOC

COMMENTS AND OBSERVATIONS: Sample ID: 152077-MO-GA-20250421

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GROUNDWATER SAMPLING PURGE FORM

Well ID: MW-6B	**EA Personnel:** C.Filtch	**Client:** NYSDEC
Location: MW-6B	**Well Condition:** Clear, no odor. Stop purge @ 1040	**Weather:** Weather = overcast clouds, Temperature (F) = 81.12, Humidity = 81, Wind Direction = 173, Wind Speed = 9.15, Rain (1hr) = 1
Sounding Method: Heron Dipper-T	**Gauge Date:** 04/21/2025	**Measurement Ref:** 64.31
Stick Up/Down (ft): 0.00	**Gauge Time:** 9:00AM	**Well Diameter (in):** 2

Purge Date: 04/21/2025	**Purge Time:** 10:00
Purge Method: Peristaltic	**Field Technician:** C.Filtch

Well Volume

A. Well Depth (ft): 27.01	**D. Well Volume (ft):** 0.33	**Depth/Height of Top of PVC:** 2.01
B. Depth to Water (ft): 25	**E. Well Volume (gal) (C*D):** 0.663300000000001	**Pump Type:** 14712
C. Liquid Depth (ft) (A-B): 2.01	**F. Three Well Volumes (gal) (E3):** 0.99	**Pump Intake Depth:** 26

Water Quality Parameters

Time (hrs)	Temp (°C)	pH (pH units)	ORP (mV)	Conductiviity (S/m)	Turbidity (ntu)	DO (mg/L)	DTW (ft btoc)	Rate (mLpm)	Volume (mL)
10:00	14.33	6.13	163.00	0.151	64.80	4.19	25.05	250	0
10:05	14.46	6.07	188.00	0.15	9.40	4	25.05	250	1250
10:10	14.49	6.08	198.00	0.152	3.50	4.19	25.05	250	1250
10:15	14.51	6.08	204.00	0.152	4.30	4.37	25.05	250	1250
10:20	14.52	6.09	208.00	0.153	1.70	4.4	25.05	250	1250
10:25	14.43	6.09	210.00	0.154	1.80	4.3	25.05	250	1250
10:30	14.43	6.09	211.00	0.155	1.60	4.32	25.05	250	1250

Total Quantity of Water Removed (L):	10.0	**Sampling Time:**	10:30 AM
Samplers:	C.Filtch	**Split Sample With:**	
Sampling Date:	04/21/2025	**Sample Type:**	FD

COMMENTS AND OBSERVATIONS:

Pump inlet depth is less than 5ft from bottom due to small screen interval

EA Engineering, P.C.
EA Science and Technology

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

GROUNDWATER SAMPLING PURGE FORM

Well I.D.: MW-11	EA Personnel: A. Sanx	Client: NYSDEC
Location: Seawall	Well Condition: Good	Weather: 55°F Cloudy
Sounding Method: Solinst	Gauge Date: 4/21/25	Measurement Ref: TOC
Stick Up/Down (ft): flush	Gauge Time: 1105	Well Diameter (in): 2in

Purge Date: 4/21/25	Purge Time: 1115
Purge Method: low flow	Field Technician: A Sanx

Well Volume

A. Well Depth (ft): 88.90	D. Well Volume (ft): 0.163	Depth/Height of Top of PVC:
B. Depth to Water (ft): 10.45	E. Well Volume (gal) C*D): 12.79	Pump Type: Peri
C. Liquid Depth (ft) (A-B): 78.45	F. Three Well Volumes (gal) (E3): 38.36	Pump Intake Depth: 83.90

Water Quality Parameters

Time (hrs) 3-5 min	Temperature (oC) ± 1 °C	pH (pH units) ± 0.1 pH	ORP (mV) ± 10 mV	Conductivity (S/m) ± 3%	Turbidity (ntu) ± 10 NTUs	DO (mg/L) ± 10% / <0.5	DTW (ft btoc) ± 0.3 feet	Rate (Lpm) 0.1-0.5 Lpm	Volume (liters)
1115	14.52	5.86	219	0.196	6.4	2.65	10.45	0.25	0
1120	14.41	5.37	248	0.206	5.3	0.58	10.45	0.25	1.25
1125	14.34	5.21	250	0.215	4.1	0.47	10.45	0.25	2.5
1130	14.31	5.17	250	0.218	3.8	0.07	10.45	0.25	3.75
1135	14.29	5.15	250	0.219	3.4	0.0	10.45	0.25	5
1140	14.30	5.14	247	0.220	3.3	0.0	10.45	0.25	6.25
1145	14.32	5.14	251	0.222	2.9	0.0	10.45	0.25	7.5

Total Quantity of Water Removed (gal): 1.98
Samplers: A. Sanx
Sampling Date: 4/21/25

Sampling Time: 1145
Split Sample With: —
Sample Type: VOC

COMMENTS AND OBSERVATIONS: Sample ID: 152077-mw-11-20250421

EA Engineering, P.C.
EA Science and Technology

NEW YORK STATE | Department of Environmental Conservation

GROUNDWATER SAMPLING PURGE FORM

Well ID:	EA Personnel:	Client:
MW-12	C.Filtch	NYSDEC
Location:	**Well Condition:**	**Weather:**
MW-12	None	Weather = overcast clouds, Temperature (F) = 83.39, Humidity = 77, Wind Direction = 167, Wind Speed = 13.15, Rain (1hr) = 1
Sounding Method:	**Gauge Date:**	**Measurement Ref:**
Heron Dipper-T	04/21/2025	50.90
Stick Up/Down (ft):	**Gauge Time:**	**Well Diameter (in):**
0.00	12:18 PM	2

Purge Date: 04/21/2025	**Purge Time:** 12:25
Purge Method: Peristaltic	**Field Technician:** C.Filtch

Well Volume		
A. Well Depth (ft):	**D. Well Volume (ft):**	**Depth/Height of Top of PVC:**
89.89	11.85	72.69
B. Depth to Water (ft):	**E. Well Volume (gal) (C*D):**	**Pump Type:**
17.2	861.3765	14712
C. Liquid Depth (ft) (A-B):	**F. Three Well Volumes (gal) (E3):**	**Pump Intake Depth:**
72.69	35.55	84.89

Water Quality Parameters

Time (hrs)	Temp (°C)	pH (pH units)	ORP (mV)	Conductiviity (S/m)	Turbidity (ntu)	DO (mg/L)	DTW (ft btoc)	Rate (mLpm)	Volume (mL)
12:25	15.30	6.13	117.00	0.457	18.10	2.06	17.20	250	0
12:30	15.12	5.89	158.00	0.476	14.10	0.22	17.20	250	1250
12:35	15.13	5.84	182.00	0.483	11.70	0.12	17.20	250	1250
12:40	15.17	5.83	192.00	0.485	8.20	0.13	17.20	250	1250
12:45	15.18	5.82	197.00	0.487	8.50	0	17.20	250	1250
12:50	15.21	5.82	202.00	0.488	7.30	0	17.20	250	1250
12:55	15.36	5.86	202.00	0.486	7.30	0	17.20	250	1250

Total Quantity of Water Removed (L):	10.0	**Sampling Time:**	12:55 PM
Samplers:	C.Filtch	**Split Sample With:**	
Sampling Date:	04/21/2025	**Sample Type:**	N

COMMENTS AND OBSERVATIONS:

EA Engineering, P.C.
EA Science and Technology

NEW YORK STATE | Department of Environmental Conservation

GROUNDWATER SAMPLING PURGE FORM

Well ID:	EA Personnel:	Client:
MW-16	C.Filtch	NYSDEC
Location:	**Well Condition:**	**Weather:**
MW-16	Clear, no odor	Weather = light rain, Temperature (F) = 82.26, Humidity = 79, Wind Direction = 173, Wind Speed = 10.71, Rain (1hr) = 1
Sounding Method:	**Gauge Date:**	**Measurement Ref:**
Heron Dipper-T	04/21/2025	36.80
Stick Up/Down (ft):	**Gauge Time:**	**Well Diameter (in):**
0.00	11:25 AM	2

Purge Date: 04/21/2025	**Purge Time:** 11:25
Purge Method: Peristaltic	**Field Technician:** C.Filtch

Well Volume		
A. Well Depth (ft):	**D. Well Volume (ft):**	**Depth/Height of Top of PVC:**
92.76	13.08	80.22
B. Depth to Water (ft):	**E. Well Volume (gal) (C*D):**	**Pump Type:**
12.54	1049.2776	14712
C. Liquid Depth (ft) (A-B):	**F. Three Well Volumes (gal) (E3):**	**Pump Intake Depth:**
80.22	39.24	87.76

Water Quality Parameters

Time (hrs)	Temp (°C)	pH (pH units)	ORP (mV)	Conductiviity (S/m)	Turbidity (ntu)	DO (mg/L)	DTW (ft btoc)	Rate (mLpm)	Volume (mL)
11:25	14.14	6.54	164.00	0.227	43.60	2.86	13.15	250	0
11:30	14.07	6.84	67.00	0.276	18.00	0.78	13.17	250	1250
11:35	14.08	6.85	-5.00	0.312	17.70	0.39	13.17	250	1250
11:40	14.11	6.85	-37.00	0.354	16.30	0.23	13.18	250	1250
11:45	14.16	6.85	-55.00	0.369	16.40	0.1	13.18	250	1250
11:50	14.23	6.84	-72.00	0.44	17.20	0	13.18	250	1250
11:55	14.26	6.83	-71.00	0.44	17.10	0.02	13.18	250	1250
12:00	14.26	6.79	-72.00	0.446	15.70	0	13.18	250	1250

Total Quantity of Water Removed (L):	11.25	**Sampling Time:**	12:00 AM
Samplers:	C.Filtch	**Split Sample With:**	
Sampling Date:	04/21/2025	**Sample Type:**	N

COMMENTS AND OBSERVATIONS:

EA Engineering, P.C.
EA Science and Technology

NEW YORK STATE | Department of Environmental Conservation

GROUNDWATER SAMPLING PURGE FORM

Well ID:	EA Personnel:	Client:
MW-23S	C.Filtch	NYSDEC
Location:	**Well Condition:**	**Weather:**
MW-23S	Stop purge @ 0915	Weather = overcast clouds, Temperature (F) = 79.84, Humidity = 84, Wind Direction = 163, Wind Speed = 10.22, Rain (1hr) = 1
Sounding Method:	**Gauge Date:**	**Measurement Ref:**
Heron Dipper-T	04/21/2025	24.78
Stick Up/Down (ft):	**Gauge Time:**	**Well Diameter (in):**
0.00	08:26 AM	2

Purge Date:	04/21/2025	**Purge Time:**	08:40
Purge Method:	Peristaltic	**Field Technician:**	C.Filtch

Well Volume		
A. Well Depth (ft):	**D. Well Volume (ft):**	**Depth/Height of Top of PVC:**
69.9	10.39	63.75
B. Depth to Water (ft):	**E. Well Volume (gal) (C*D):**	**Pump Type:**
6.15	662.3625	14712
C. Liquid Depth (ft) (A-B):	**F. Three Well Volumes (gal) (E3):**	**Pump Intake Depth:**
63.75	31.17	64.9

Water Quality Parameters

Time (hrs)	Temp (°C)	pH (pH units)	ORP (mV)	Conductiviity (S/m)	Turbidity (ntu)	DO (mg/L)	DTW (ft btoc)	Rate (mLpm)	Volume (mL)
08:40	13.46	6.14	-33.00	0.079	27.10	0.88	6.50	250	0
08:45	13.46	6.03	-23.00	0.107	19.10	0.72	6.50	250	1250
08:50	13.48	5.88	-7.00	0.154	15.30	0.62	6.50	250	1250
08:55	13.56	5.79	3.00	0.216	11.20	0.18	6.50	250	1250
09:00	13.56	5.77	4.00	0.248	11.41	0.2	6.40	250	1250
09:05	13.56	5.75	10.00	0.253	10.60	0.08	6.40	250	1250
09:10	13.57	5.74	12.00	0.255	10.20	0.06	6.40	250	1250

Total Quantity of Water Removed (L):	8.75	**Sampling Time:**	09:10 AM
Samplers:	C.Filtch	**Split Sample With:**	
Sampling Date:	04/21/2025	**Sample Type:**	N

COMMENTS AND OBSERVATIONS:

EA Engineering, P.C.
EA Science and Technology

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

GROUNDWATER SAMPLING PURGE FORM

Well I.D.: MW-23D	EA Personnel: A. Faux	Client: NYSDEC
Location: Seneca II	Well Condition: Good	Weather: 55°F sunny
Sounding Method:	Gauge Date: 4/21/25	Measurement Ref: TOIC
Stick Up/Down (ft): Flush	Gauge Time: 4/21/25	Well Diameter (in): 2"

Purge Date: ~~3~~ 4/21/25	Purge Time: 0835
Purge Method: Low Flow	Field Technician: A. Faux

Well Volume

A. Well Depth (ft): ~~6.07~~ 87.35	D. Well Volume (ft): 0.163	Depth/Height of Top of PVC:
B. Depth to Water (ft): 6.07	E. Well Volume (gal) C*D): 13.25	Pump Type: Peri.
C. Liquid Depth (ft) (A-B): 81.82	F. Three Well Volumes (gal) (E3): 39.75	Pump Intake Depth: 82.35

Water Quality Parameters

Time (hrs) 3-5 min	Temperature (oC) ± 1 °C	pH (pH units) ± 0.1 pH	ORP (mV) ± 10 mV	Conductivity (S/m) ± 3%	Turbidity (ntu) ± 10 NTUs	DO (mg/L) ± 10%/ <0.5	DTW (ft btoc) ± 0.3 feet	Rate (Lpm) 0.1-0.5 Lpm	Volume (liters)
0835	13.26	4.70	258	0.369	4.7	2.25	~~6.33~~	0.25	0
0840	13.37	5.27	245	0.326	4.0	1.61	6.33	0.25	1.25
0845	13.53	5.35	249	0.309	2.5	1.47	6.33	0.25	2.5
0850	13.60	5.27	254	0.306	2.6	2.00	6.33	0.25	3.75
0855	13.67	5.31	259	0.303	1.9	1.45	6.33	0.25	5
0900	13.71	5.28	263	0.302	1.9	1.49	6.33	0.25	6.25
0905	13.72	5.25	~~2~~64	0.301	1.9	1.47	6.33	0.25	7.5

Total Quantity of Water Removed (gal):	1.99	Sampling Time:	0905
Samplers:	A. Faux	Split Sample With:	MS/MSD
Sampling Date:	4/21/25	Sample Type:	VOC

COMMENTS AND OBSERVATIONS: Sample ID: 152077-MW-23D-20250421

Appendix B.
Daily Field Reports and Equipment Calibrations

DAILY FIELD REPORT - No. 002

Servall Laundry (Site No. 152077)

Date: 3/20/2025

EA Engineering and Geology, P.C.

NEW YORK STATE Department of Environmental Conservation

Contract No. D009806-34

Site Location: Bay Shore, NY

NYSDEC PM: Jasmine Stefansky

Engineer PM: Adam Etringer

Weather Conditions

General Description	Cloudy/Rainy	AM	N/A	PM
Temperature	42°F	AM	N/A	PM
Wind	N/A	AM	N/A	PM

Health & Safety
If any box below is checked "Yes", provide explanation under "Health & Safety Comments".

Were there any changes to the Health & Safety Plan?	*Yes	**No X**	NA
Were there any exceedances of the perimeter air monitoring reported on this date?	*Yes	No	**NA X**
Were there any nuisance issues reported/observed on this date?	*Yes	**No X**	NA

Health & Safety Comments

Tailgate safety meeting held upon arrival onsite. Topics covered included: general fieldwork safety; slips, trips, and falls; dehydration; traffic.

Summary of Work Performed	Arrived at site:	0730	Departed Site:	1230

- (0730) A. Faux, C. Filtch (EA) onsite. Tailgate health and safety meeting.
- (0745) Meet with John, the grounds manager at Bay Shore Middle School and get permission to sample MW-11.
- (0800) Calibrate Horibas. Having trouble locating MW-11.
- (0845) A. Carey onsite.
- (0850) Locate MW-11.
- (0900) Begin purge at MW-11 and MW-16.
- (0930) Collect sample at MW-11.
- (0950) Collect sample at MW-16.
- (1050) Begin purge at MW-12.
- (1135) Collect sample at MW-12.
- (1200) QC samples and pack coolers for shipment.
- (1230) EA offsite to ship sample coolers at FedEx.

Personnel and Equipment

Individual	Company	Trade	Total Hours
A. Faux	EA	Geologist	5
C. Filtch	EA	Scientist	5
A. Carey	EA	Geologist	3.75

Equipment Description	Contractor/Vendor	Quantity	Used
Ford F-150	EA	1	Yes
Ford Expedition	EA	1	Yes
Chevy Silverado	EA	1	Yes
Peristaltic Pump	Pine	2	Yes
Horiba	Pine	2	Yes
Water Level Meter	Pine	2	Yes

Visitors to Site

Name	Representing	Entered Exclusion/CRZ Zone	
None		**Yes**	**No**
		Yes	**No**

Site Representatives

Name	Representing
N/A	

Project Schedule Comments

None.

Issues Pending

None.

Interaction with Public, Property Owners, Media, etc.

None.

Site Photographs (Descriptions Below)

Setup at MW-11.

Setup at MW-16.

Setup at MW-12.

Comments
N/A

EA Staff: Alex Faux, Cal Filtch, Adam Carey	**Date: 3/20/2025**

DAILY FIELD REPORT - No. 002

Servall Laundry (Site No. 152077)

Date: 3/20/2025

EA Engineering and Geology, P.C.

NEW YORK STATE Department of Environmental Conservation

Contract No. D009806-34

Site Location: Bay Shore, NY

NYSDEC PM: Jasmine Stefansky

Engineer PM: Adam Etringer

Weather Conditions

General Description	Cloudy/Rainy	AM	N/A	PM
Temperature	42°F	AM	N/A	PM
Wind	N/A	AM	N/A	PM

Health & Safety
If any box below is checked "Yes", provide explanation under "Health & Safety Comments".

Were there any changes to the Health & Safety Plan?	*Yes	**No X**	NA
Were there any exceedances of the perimeter air monitoring reported on this date?	*Yes	No	**NA X**
Were there any nuisance issues reported/observed on this date?	*Yes	**No X**	NA

Health & Safety Comments

Tailgate safety meeting held upon arrival onsite. Topics covered included: general fieldwork safety; slips, trips, and falls; dehydration; traffic.

Summary of Work Performed	Arrived at site:	0730	Departed Site:	1230

- (0730) A. Faux, C. Filtch (EA) onsite. Tailgate health and safety meeting.
- (0745) Meet with John, the grounds manager at Bay Shore Middle School and get permission to sample MW-11.
- (0800) Calibrate Horibas. Having trouble locating MW-11.
- (0845) A. Carey onsite.
- (0850) Locate MW-11.
- (0900) Begin purge at MW-11 and MW-16.
- (0930) Collect sample at MW-11.
- (0950) Collect sample at MW-16.
- (1050) Begin purge at MW-12.
- (1135) Collect sample at MW-12.
- (1200) QC samples and pack coolers for shipment.
- (1230) EA offsite to ship sample coolers at FedEx.

Personnel and Equipment

Individual	Company	Trade	Total Hours
A. Faux	EA	Geologist	5
C. Filtch	EA	Scientist	5
A. Carey	EA	Geologist	3.75

Equipment Description	Contractor/Vendor	Quantity	Used
Ford F-150	EA	1	Yes
Ford Expedition	EA	1	Yes
Chevy Silverado	EA	1	Yes
Peristaltic Pump	Pine	2	Yes
Horiba	Pine	2	Yes
Water Level Meter	Pine	2	Yes

Visitors to Site

Name	Representing	Entered Exclusion/CRZ Zone	
None		**Yes**	**No**
		Yes	**No**

Site Representatives

Name	Representing
N/A	

Project Schedule Comments

None.

Issues Pending

None.

Interaction with Public, Property Owners, Media, etc.

None.

Site Photographs (Descriptions Below)

Setup at MW-11.

Setup at MW-16.

Setup at MW-12.

Comments
N/A

EA Staff: Alex Faux, Cal Filtch, Adam Carey	**Date: 3/20/2025**

DAILY FIELD REPORT - No. 001

Servall Laundry (Site No. 152077)

Date: 4/21/2025

EA Engineering and Geology, P.C.

NEW YORK STATE Department of Environmental Conservation

Contract No. D009806-34

Site Location: Bay Shore, NY

NYSDEC PM: Jasmine Stefansky

Engineer PM: Adam Etringer

Weather Conditions

General Description	Cloudy	AM	N/A	PM
Temperature	52°F	AM	N/A	PM
Wind	6 SE	AM	N/A	PM

Health & Safety
If any box below is checked "Yes", provide explanation under "Health & Safety Comments".

Were there any changes to the Health & Safety Plan?	*Yes	**No X**	NA
Were there any exceedances of the perimeter air monitoring reported on this date?	*Yes	No	**NA X**
Were there any nuisance issues reported/observed on this date?	*Yes	**No X**	NA

Health & Safety Comments

Tailgate safety meeting held upon arrival onsite. Topics covered included: general fieldwork safety; slips, trips, and falls; dehydration; traffic.

Summary of Work Performed	Arrived at site:	0730	Departed Site:	1330

- (0730) C. Filtch and A. Faux on-site to perform groundwater sampling for analysis of VOCs. This event is taking place to re-sample the wells due to FedEx losing a cooler from the last event.
- (0735) Safety meeting
- (0740) Horiba calibration
- (0750) Organize supplies and sample sets
- (0840) Start purge on MW-23S and MW-23D
- (0905) Sample collected at MW-23D (MS/MSD)
- (0910) Sample collected at MW- 23S
- (0950) Start purge at MW-6A
- (1000) Start purge at MW-6B
- (1030) Samples collected from MW-6A and MW-6B
- (1115) Start purge at MW-11
- (1125) Start purge at MW-16
- (1145) Sample collected at MW-11
- (1200) Sample collected at MW-16
- (1225) Start purge at MW-12
- (1255) Sample collected at MW-12
- C. Filtch and A Faux off-site for sample management and shipping of samples

Personnel and Equipment

Individual	Company	Trade	Total Hours
A. Faux	EA	Geologist	6
C. Filtch	EA	Scientist	6

Equipment Description	Contractor/Vendor	Quantity	Used
Ford F-150	EA	1	Yes
Chevy Silverado	EA	1	Yes
Water Level Meter	Pine	2	Yes
Peristaltic Pump	Pine	2	Yes
Horiba	Pine	2	Yes

Visitors to Site

Name	Representing	Entered Exclusion/CRZ Zone	
None		**Yes**	**No**
		Yes	**No**

Site Representatives

Name	Representing
N/A	

Project Schedule Comments

None.

Issues Pending

None.

Interaction with Public, Property Owners, Media, etc.

None.

Site Photographs (Descriptions Below)

Setup at MW-23S

Setup at MW-6A and MW-6B.

Setup at MW-11

Comments

N/A

EA Staff: Alex Faux, Cal Filtch

Date: 4/21/2025

FIELD CALIBRATION FORM
Horiba U-52
pH, CONDUCTIVITY, AND TURBIDITY

CALIBRATION
DATE: 3/20/25
TIME: 820
METER ID: 44254

pH CALIBRATION

pH STANDARD	INITIAL READING	FINAL READING
4.0	3.92	4.0

CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49	3.71	4.49

TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0 NTU	0.3	0.0

COMMENTS

SIGNATURE

Al Fillet

EA Science and Technology

Field Calibration - Horiba

Calibration

Project/Site Name	ServAll Laundry
Person Performing Calibration	. Filtch
DATE	04-21-2025
TIME	08:14
METER ID	51884

pH Calibration

pH STANDARD	INITIAL READING	FINAL READING
4.010	4.040	3.960

Conductivity Calibration

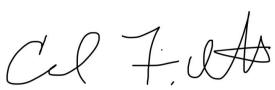
CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.490	4.310	4.530

Turbidity Calibration

STANDARD	INITIAL READING	FINAL READING
0	0.200	0

COMMENTS

SIGNATURE



FIELD CALIBRATION FORM
Horiba U-52
pH, CONDUCTIVITY, AND TURBIDITY

CALIBRATION
DATE: 4/21/25
TIME: 0812
METER ID: 24305

pH CALIBRATION

pH STANDARD	INITIAL READING	FINAL READING
4.0	4.33	4.02

CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49	5.15	4.49

TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0 NTU	1.7	0.1

COMMENTS

SIGNATURE

Appendix C.
Chain of Custody

CHAIN OF CUSTODY

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200
www.sgs.com/ehsusa

FED-EX Tracking #

Bottle Order Control # None

SGS Quote #

SGS Job #

Client / Reporting Information

Company Name: EA Sci + Tech
Street Address: 333 W. Washington St
City: Syracuse State: NY Zip: 13202
Project Contact: Adam E-mail: acurey@eaest.com
Phone #: 315-730-6911
Sampler(s) Name(s): Phone #:

Project Information

Project Name: SeroAll Laundry (152077)
Street: 8 Draytone Ave
City: Bayshore State: NY
Project #: 160534.05
Client Purchase Order #:
Project Manager: Adam Stringer

Billing Information (if different from Report to)

Company Name:
Street Address:
City: State: Zip:
Attention:

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL- Sludge; SED-Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB - Field Blank; EB-Equipment Blank; RB - Rinse Blank; TB - Trip Blank

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Grab (G) Comp (C)	Source Chlorinated (Y/N)	Matrix	# of bottles	HCl	NaOH	HNO_3	H_2SO_4	NONE	DI Water	MEOH	ENCORE	pH Check (Lab Use Only)	LAB USE ONLY
	152077-TB-20250320		3/19/25	1300	ACC	G	Y	W										✓	
	" -MW-23S-20250319		"	1400	CF													✓	
*	" -MW-23D-20250319		"	1415	ACC													✓	
	" -EB-20250319		"	1445	ACC														
	" -FB-20250319		03/19/25	1450	ACC														
	" -MW-60B-20250319		03/19/25	1715	CF														
	" -DUP-20250319		03/19/25	~~1200~~	CF														
	" -MW-60A-20250319		03/19/25	2715	AF														
	" -EB-20250320		3/20/25	920	ACC														
	" -FB-20250326		3/20/25	930	ACC														
	" -MW-11-20250320		3/20/25	930	AF														
	" -MW-16-20250320		3/20/25	950	CF														

VOCs 8260D (3) HCl; 1,4 Dioxane 8270E SIM (2); PFAS 1633 (3)

Turn Around Time (Business Days)

- [ ] 10 Business Days
- [ ] 5 Business Days
- [ ] 3 Business Days*
- [ ] 2 Business Days*
- [ ] 1 Business Day*
- [x] Other Standard

All data available via SGS Engage

Approved By (SGS PM) / Date:

* Approval needed for 1-3 BD TAT

Deliverable

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] NJ Reduced (Level 3)
- [ ] Full Tier I (Level 4)
- [ ] Commercial "C"
- [ ] NJ DKQP
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] MA MCP Criteria ____
- [ ] CT RCP Criteria ____
- [ ] State Forms
- [ ] EDD Format ____

NYSDEC Cat B V5 Deliverable to haleyyoung@eaest.com

Commercial "A" = Results only; Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

Comments / Special Instructions

* MS/MSD at 152077-MW-23D-20250320
Data deliverable to Haley Young (haleyyoung@eaest.com)

http://www.sgs.com/en/terms-and-conditions

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
Adam Curey	1245 3/20/25	1	2		2
3		3	4		4
5		5	Custody Seal #	Intact / Not intact / Absent	Therm ID: / See Sample Receipt Summary — On Ice / Cooler Temp. °C

Seals: 02236, 02198, 02200, 02204

CHAIN OF CUSTODY

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200
www.sgs.com/ehsusa

FED-EX Tracking #: | Bottle Order Control #:
SGS Quote #: | SGS Job #:

Client / Reporting Information

Company Name:
Street Address:
City / State / Zip:
Project Contact / E-mail:
Phone #:
Sampler(s) Name(s) / Phone #:

Project Information

Project Name: Servall Laundry
Street:
City / State:
Project #: 160253 4.05
Client Purchase Order #:
Project Manager:

Billing Information (if different from Report to)

Company Name:
Street Address:
City / State / Zip:
Attention:

Analysis Requested

VOC 8260D (3) (HCL)
1,4-Dioxane 8270E SIM (2)
PFAS 1633 (3)

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB - Field Blank
EB-Equipment Blank
RB - Rinse Blank
TB - Trip Blank

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection: Date	Time	Sampled by	Grab (G) Comp (C)	Source Chlorinated (Y/N)	Matrix	Number of Bottles: # of bottles	HCl	NaOH	HNO_3	H_2SO_4	NONE	DI Water	MEOH	ENCORE	pH Check (Lab Use Only)	LAB USE ONLY
	152077-mw-12-20250320		3/20/25	1135	ACC	G		W										✓ ✓ ✓	

Turn Around Time (Business Days)

Approved By (SGS PM) / Date:

- ☐ 10 Business Days
- ☐ 5 Business Days
- ☐ 3 Business Days*
- ☐ 2 Business Days*
- ☐ 1 Business Day*
- ☐ Other

All data available via SGS Engage
* Approval needed for 1-3 BD TAT

Deliverable

- ☐ Commercial "A" (Level 1)
- ☐ Commercial "B" (Level 2)
- ☐ NJ Reduced (Level 3)
- ☐ Full Tier I (Level 4)
- ☐ Commercial "C"
- ☐ NJ DKQP
- ☐ NYASP Category A
- ☐ NYASP Category B
- ☐ MA MCP Criteria
- ☐ CT RCP Criteria
- ☐ State Forms
- ☐ EDD Format

Commercial "A" = Results only; Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

Comments / Special Instructions

http://www.sgs.com/en/terms-and-conditions

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
1	[signature]	3/20/25 1245	1	2		2
3			3	4		4
5			5	Custody Seal #	☐ Intact ☐ Not intact ☐ Absent	Therm ID: See Sample Receipt Summary / On Ice ☐ / Cooler Temp. °C

2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200
www.sgs.com/ehsusa

FED-EX Tracking # | Bottle Order Control #
SGS Quote # | SGS Job #

Client / Reporting Information

Company Name: EA Science & Technology
Street Address: 333 W. Washington St.
City: Syracuse State: NY Zip: 13202
Project Contact: Adam Carey E-mail: acarey@eaest.com
Phone #: 315-730-6911
Sampler(s) Name(s): C. Filtch & A. Faust Phone #:

Project Information

Project Name: ServAll Laundry (152077)
Street: 9 Drayton Ave
City: Bayshore State: NY
Project #: 160253 4.05
Client Purchase Order #:
Project Manager: Adam Etringer

Billing Information (if different from Report to)

Company Name:
Street Address:
City: State: Zip:
Attention:

Analysis Requested

VOCs 8260D (3)(1+2)

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB - Field Blank
EB-Equipment Blank
RB - Rinse Blank
TB - Trip Blank

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Time	Sampled by	Grab (G) Comp (C)	Source Chlorinated (Y/N)	Matrix	# of bottles	HCl	NaOH	HNO_3	H_2SO_4	NONE	DI Water	MEOH	ENCORE	pH Check (Lab Use Only)	LAB USE ONLY
	152077-MW-23S-20250421		4/21/25	910	CF	G	Y	W										X	
	152077-MW-23D-20250421		4/21/25	905	AF													X	
	152077-MW-6A-20250421		4/21/25	1030	AF													X	
	152077-MW-6D-20250421		4/21/25	1030	CF													X	
	152077-MW-11-20250421		4/21/25	1145	AF													X	
	152077-MW-16-20250421		4/21/25	1200	CF													X	
	152077-MW-12-20250421		4/21/25	1255	CF													X	
	152077-DUP-20250421		4/21/25	—	CF													X	
	152077-EB-20250421		4/21/25	1420	AF													X	
	152077-FB-20250421		4/21/25	1420	AF													X	
	152077-TB-20250421		4/21/25	1420	AF													X	

Turn Around Time (Business Days)

Approved By (SGS PM) / Date:

- [ ] 10 Business Days
- [ ] 5 Business Days
- [ ] 3 Business Days*
- [ ] 2 Business Days*
- [ ] 1 Business Day*
- [x] Other Standard

All data available via SGS Engage

* Approval needed for 1-3 BD TAT

Deliverable

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] NJ Reduced (Level 3)
- [ ] Full Tier I (Level 4)
- [ ] Commercial "C"
- [ ] NJ DKQP
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] MA MCP Criteria
- [ ] CT RCP Criteria
- [ ] State Forms
- [ ] EDD Format

NYSDEC Cat B V5 deliverable to haleyyoung@eaest.com

Commercial "A" = Results only; Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

Comments / Special Instructions

Data deliverable to Haley Young haleyyoung@eaest.com

MS/MSD @ 152077-MW-23D-20250421

http://www.sgs.com/en/terms-and-conditions

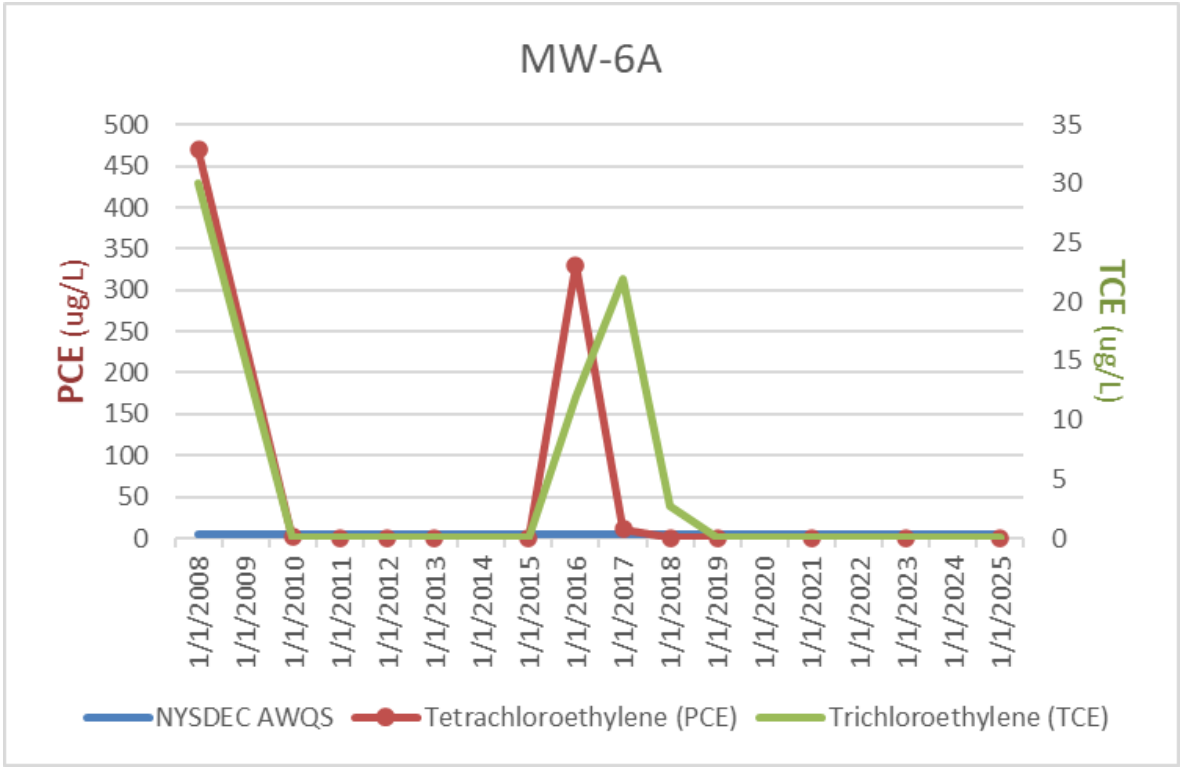
Sample Custody must be documented below each time samples change possession, including courier delivery.

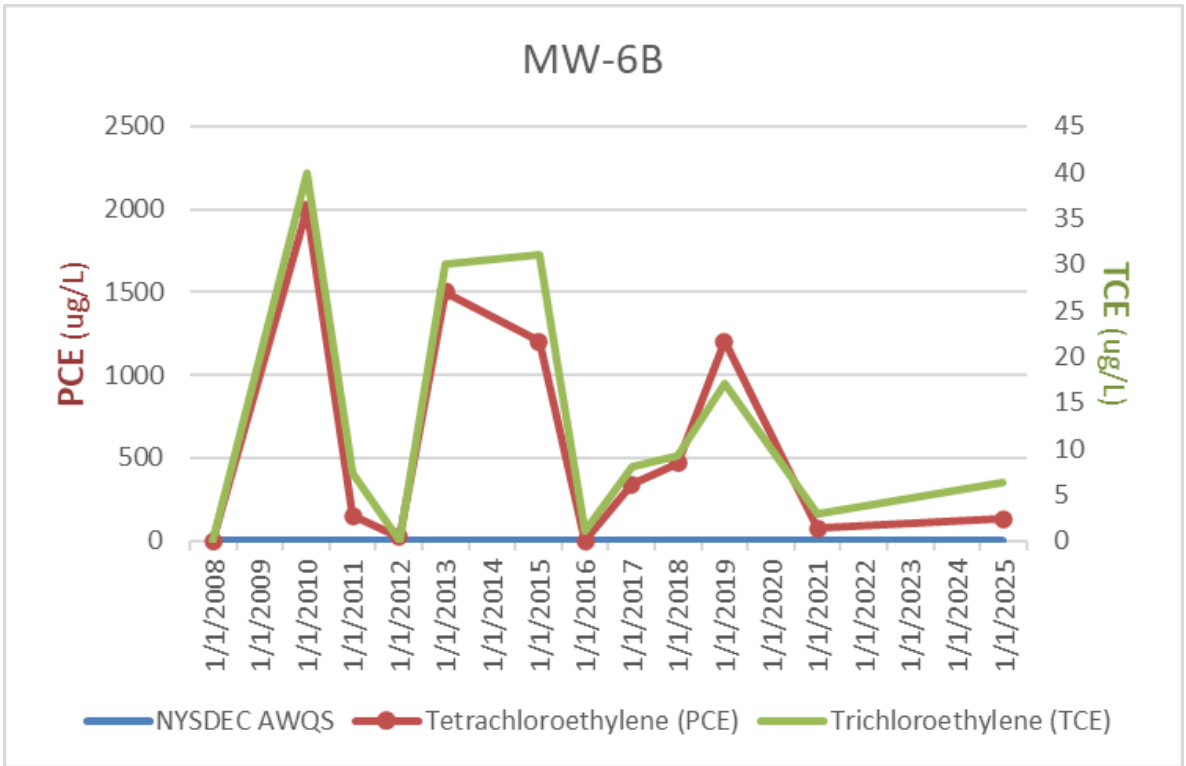
	Relinquished by:	Date / Time:	Received By:
1	C. Filtch	4/21/25 1430	1
2			2
3			3
4			4
5			5

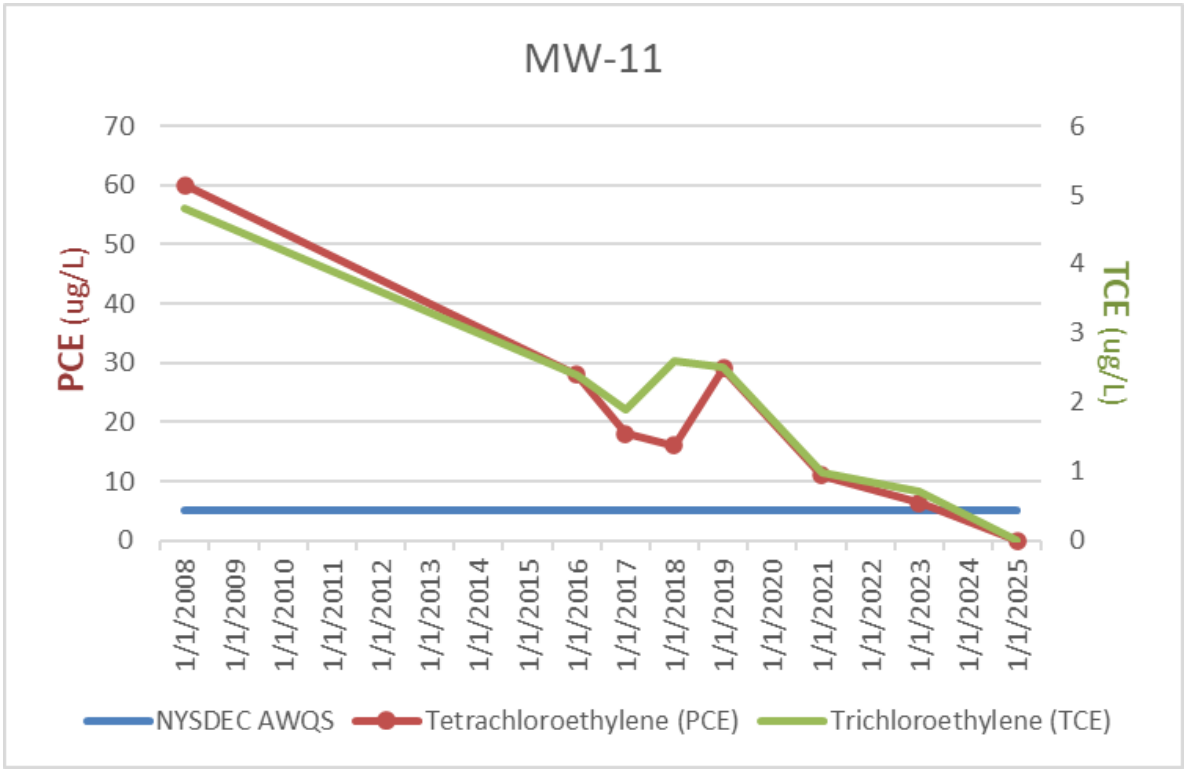
Custody Seal # | Intact | Not intact | Absent | Therm ID: | On Ice | Cooler Temp. °C | See Sample Receipt Summary

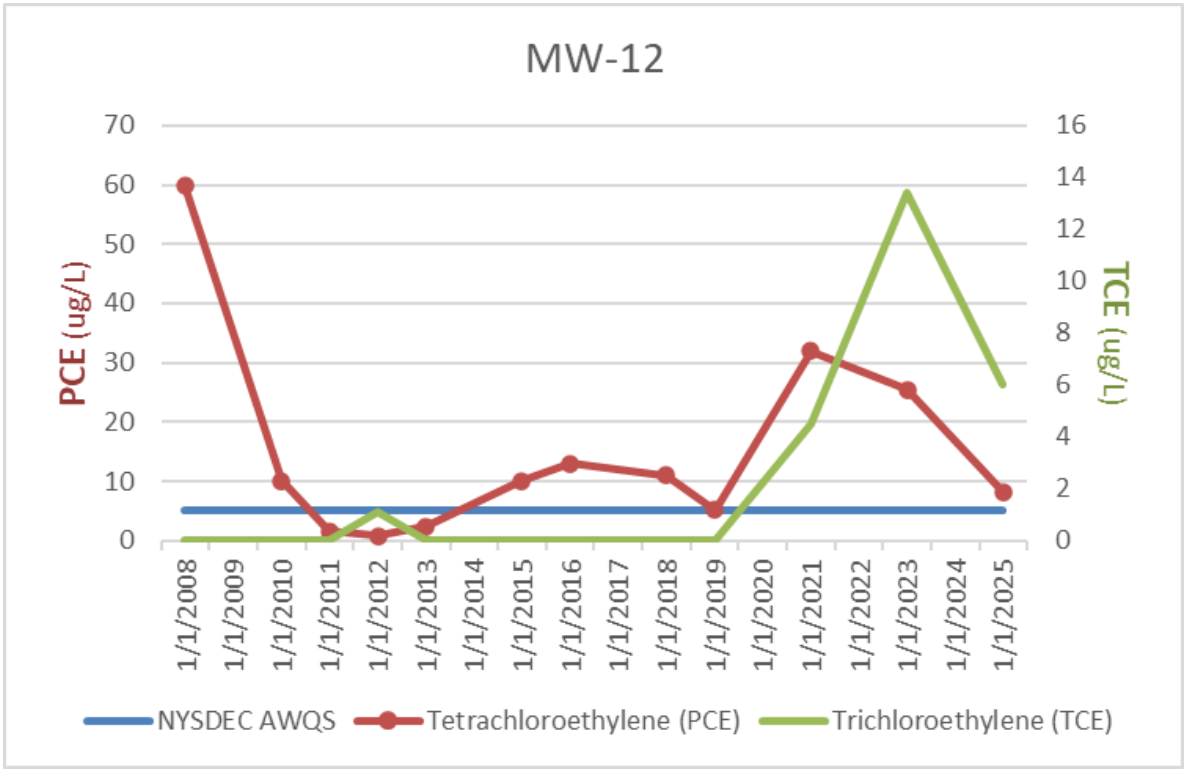
COC Seal: 07568

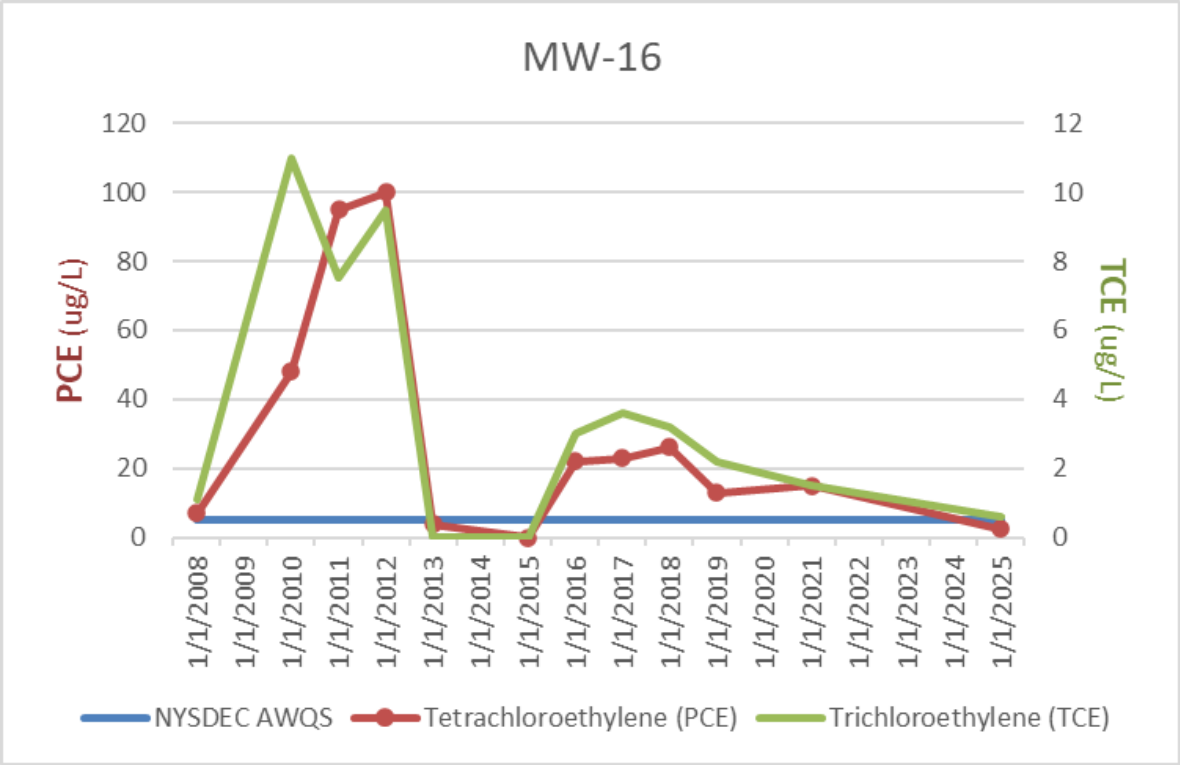
Appendix D.
Analytical Data Trend Graphs

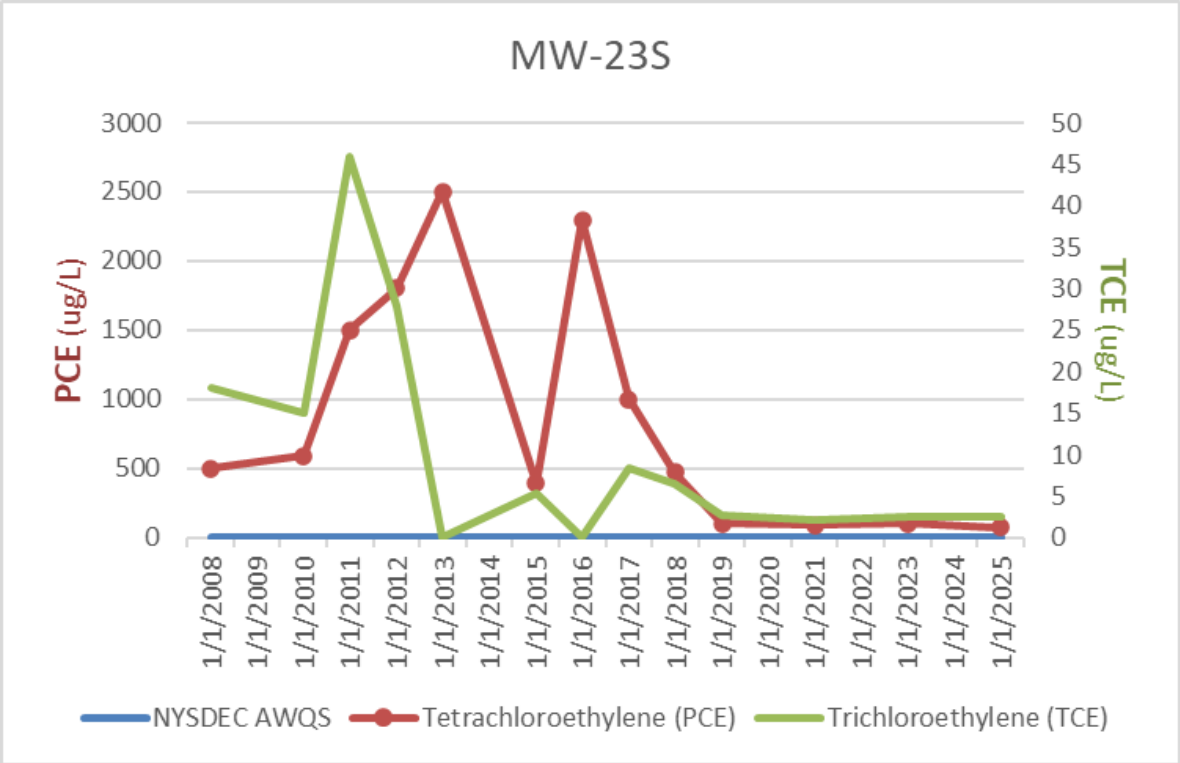

MW-6A
PCE (ug/L)
TCE (ug/L)
500
450
400
350
300
250
200
150
100
50
0
35
30
25
20
15
10
5
0
1/1/2008
1/1/2009
1/1/2010
1/1/2011
1/1/2012
1/1/2013
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
NYSDEC AWQS
Tetrachloroethylene (PCE)
Trichloroethylene (TCE)

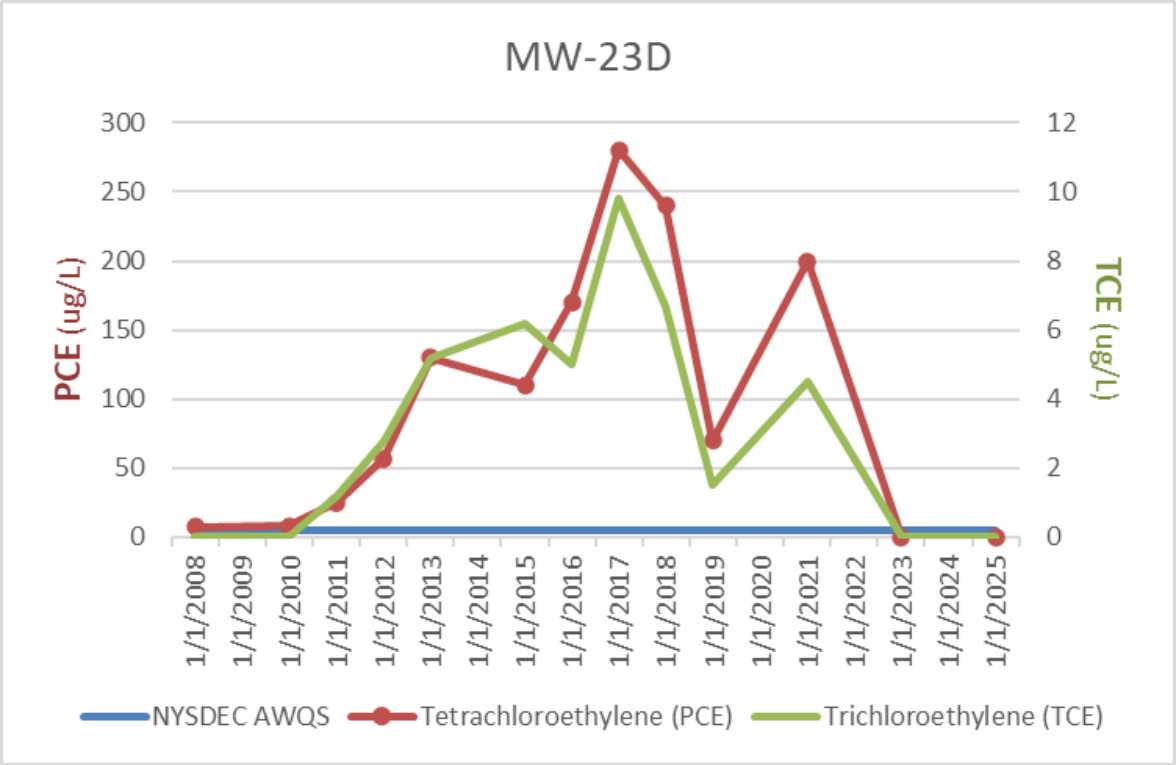

MW-6B
PCE (ug/L)
TCE (ug/L)
2500
2000
1500
1000
500
0
45
40
35
30
25
20
15
10
5
0
1/1/2008
1/1/2009
1/1/2010
1/1/2011
1/1/2012
1/1/2013
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
NYSDEC AWQS
Tetrachloroethylene (PCE)
Trichloroethylene (TCE)


MW-11
PCE (ug/L)
TCE (ug/L)
70
60
50
40
30
20
10
0
6
5
4
3
2
1
0
1/1/2008
1/1/2009
1/1/2010
1/1/2011
1/1/2012
1/1/2013
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
NYSDEC AWQS
Tetrachloroethylene (PCE)
Trichloroethylene (TCE)


MW-12
PCE (ug/L)
TCE (ug/L)
70
60
50
40
30
20
10
0
16
14
12
10
8
6
4
2
0
1/1/2008
1/1/2009
1/1/2010
1/1/2011
1/1/2012
1/1/2013
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
NYSDEC AWQS
Tetrachloroethylene (PCE)
Trichloroethylene (TCE)


MW-16
PCE (ug/L)
TCE (ug/L)
120
100
80
60
40
20
0
12
10
8
6
4
2
0
1/1/2008
1/1/2009
1/1/2010
1/1/2011
1/1/2012
1/1/2013
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
NYSDEC AWQS
Tetrachloroethylene (PCE)
Trichloroethylene (TCE)


MW-23S
PCE (ug/L)
TCE (ug/L)
3000
2500
2000
1500
1000
500
0
50
45
40
35
30
25
20
15
10
5
0
1/1/2008
1/1/2009
1/1/2010
1/1/2011
1/1/2012
1/1/2013
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
NYSDEC AWQS
Tetrachloroethylene (PCE)
Trichloroethylene (TCE)


MW-23D
PCE (ug/L)
TCE (ug/L)
300
250
200
150
100
50
0
12
10
8
6
4
2
0
1/1/2008
1/1/2009
1/1/2010
1/1/2011
1/1/2012
1/1/2013
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
NYSDEC AWQS
Tetrachloroethylene (PCE)
Trichloroethylene (TCE)