Groundwater Monitoring Report
(October 2023 Event)
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

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26 September 2024

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LIST OF ACRONYMS/ABBREVIATIONS

1,1-DCA	1,1-Dichloroethane
1,1-DCE	1,1-Dichloroethene
1,2-DCE	1,2-Dichloroethene
µg/L	Microgram(s) per liter
AWQS	Ambient Water Quality Standard
DER	Division of Environmental Remediation
DO	Dissolved oxygen
EA	EA Engineering, P.C. and its affiliate EA Science and Technology
EPA	U.S. Environmental Protection Agency
FS	Feasibility study
ft/year	Foot/feet per year
mg/kg	Milligram(s) per kilogram
mg/L	Milligram(s) per liter
MS	Matrix spike
MSD	Matrix spike duplicate
No.	Number
NTU	Nephelometric turbidity units
NYSDEC	New York State Department of Environmental Conservation
ORP	Oxidation-reduction potential
PCE	Tetrachloroethene
P.E.	Professional Engineer
PFAS	Per- and polyfluoroalkyl substances
PFOA	Perfluorooctanoic acid
PFOS	Perfluorooctanesulfonic acid
P.G.	Professional Geologist
QA	Quality assurance
QC	Quality control
RI	Remedial investigation
ROD	Record of Decision
SCDHS	Suffolk County Department of Health Services
SCWA	Suffolk County Water Authority
SIM	Selected ion monitoring
SMP	Site Management Plan
TAL	Target Analyte List

TCE	Trichloroethene
USGS	U.S. Geological Survey
VOC	Volatile organic compound

1. INTRODUCTION

The New York State Department of Environmental Conservation (NYSDEC) tasked EA Engineering, P.C. and its affiliate EA Science and Technology (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 October 2023. Groundwater sampling was completed in accordance with the applicable guidelines and requirements of NYSDEC.

1.1 BACKGROUND

The ServAll Laundry Site is in Bay Shore, Suffolk County, New York, **(Figure 1).** The Site is an approximately 0.2-acre area and is bounded 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 **(Figure 2)**. 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 (FS) 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), TCE, PCE and vinyl chloride in groundwater; delineated the groundwater plume and quantified on-site contamination. The RI concluded that the groundwater plume appeared to be moving at approximately 443 to 484 feet per year (ft/year) from 1974 to 1988, and 355 ft/year from 1988 to 1991 (E.C. Jordan Co. 1992). A 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 has been 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) for two consecutive sampling events. Monitoring well locations are shown on **Figure 3**. The site wide monitoring well network consists of:

- Three upgradient wells: MW-2, MW-3A, and MW-3B located along Drayton Avenue.
- Five source area monitoring wells: MW-1 (located on the ServAll property), and MW-4, MW-5, MW-6A, and MW-6B (located immediately south of the Site along Frederick Avenue).
- Five downgradient monitoring wells: MW-12, MW-13, and MW-14 (located along the Southern State Parkway, approximately 3,000 ft 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 ft south of the Site).
- Missing wells: MW-7, MW-8, MW-9, MW-10, and MW-15 were unable to be located during the September 2023 gauging event.

This report presents the results of the October 2023 sampling event.

1.3 REPORT ORGANIZATION

A summary of the October 2023 activities is provided in Section 2. Laboratory analytical results are presented in Section 3. Conclusions and recommendations are discussed in Sections 4 and 5, respectively. The following are also provided as appendixes:

- **Appendix A**—Monitoring Well Purge Logs
- **Appendix B—**Daily Field Reports
- **Appendix C—**Field Calibration Forms

2. FIELD ACTIVITIES

2.1 SITE INSPECTION

An initial site inspection was conducted on 4 April 2023. Monitoring wells MW-2, MW-3A, MW-3B, MW-4, MW-5, MW-6A, and MW-6B could not be located using a metal detector. These wells were later located during a gauging event in September 2023. However, wells MW-7, MW-8, MW-9, MW-10, and MW-15 were unable to be located during the gauging event. Several on-site monitoring well flush mount covers were found to be missing bolts.

2.2 GROUNDWATER MONITORING

EA conducted groundwater sampling on 16, 17, and 18 October 2023. Blockages were observed in MW-05, MW-13, and MW-16; and MW-06B was found to be dry. Daily field reports for the October 2023 event 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 a bladder pump 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. A log of the field equipment calibration records is provided in **Appendix C**. Water levels and water quality parameters were recorded on groundwater sampling purge forms (**Appendix A).**

Purging was considered complete when the indicator parameters had stabilized over three consecutive readings, indicating that 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 5 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 (MS)/matrix spike duplicate (MSD), one field duplicate, one field blank, and one equipment blank. Each groundwater sample was collected for laboratory analysis of volatile organic compounds

(VOCs) by EPA Method 8260D, per- and polyfluoroalkyl substances (PFAS by EPA Method 1633, and 1,4-dioxane by EPA Method 8270 selected ion monitoring (SIM).

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, and samples were shipped overnight via Federal Express to SGS North America Inc. in Dayton, New Jersey, under secure chain-of-custody protocol. Groundwater levels and well depths were recorded at each well following completion of sampling using an electronic water level meter and recorded to the nearest hundredth of a foot. Measurements were recorded to the nearest hundredth of a foot from a designated measuring point on top of the inner polyvinyl chloride well casing.

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

3. GROUNDWATER ANALYTICAL RESULTS

Analytical results are summarized in **Tables 1 and 2** and discussed in the subsections below. Groundwater analytical results were compared against applicable AWQS or Ambient Water Quality Guidance Values (AWQGV).

3.1 VOLATILE ORGANIC COMPOUNDS

Eight VOCs were detected in groundwater samples collected during the October 2023 sampling event. The following analytes were detected above the AWQS:

- PCE (AWQS is 5 µg/L):
  - MW-11 (5.9 µg/L)
  - MW-12 (25.4 µg/L)
  - MW-23S (102 µg/L)
- TCE (AWQS is 5 µg/L):
  - MW-12 (13.4 µg/L)

A summary of analytical results for VOCs is presented in **Table 1**. VOCs that exceeded the AWQS are depicted on **Figure 4**.

3.2 PFAS AND 1,4-DIOXANE

Various PFAS compounds, and 1,4-dioxane were detected in groundwater samples collected during the October 2023 sampling event, as presented in **Table 2** and on **Figure 5**. Of the PFAS compounds, only perfluorooctanesulfonic acid (PFOS) and perfluorooctanoic acid (PFOA) have associated AWQGV.

- PFOS (AWQGV is 2.7 nanograms per liter [ng/L]):
  - MW-1 (22.4 ng/L)
  - MW-2 (11.2 ng/L)
  - MW-3A (8.1 ng/L)
  - MW-3B (11.3 ng/L)
  - MW-4 (11.3 ng/L)
  - MW-6A (11.3 ng/L)
  - MW-11 (24.1 ng/L)
  - MW-12 (24 ng/L)
  - MW-14 (14.3 ng/L)
  - MW-23D (25 ng/L)
  - MW-23S (17.3 ng/L)

PFOA (AWQGV is 6.7 ng/L):

- MW-1 (58.8 ng/L)
- MW-2 (14.1 ng/L)
- MW-3A (10.7 ng/L)
- MW-3B (47.6 ng/L)
- MW-4 (36.5 ng/L)
- MW-6A (7.1 ng/L)
- MW-11 (13.2 ng/L)
- MW-12 (12.4 ng/L)
- MW-14 (8.6 ng/L)
- MW-23D (9.2 ng/L)
- MW-23S (13.1 ng/L)

- 1,4-dioxane (AWQS is 0.35 µg/L):

  - MW-11 (1.4 µg/L)
  - MW-14 (0.972 µg/L)

A summary of analytical results for PFAS and 1,4-dioxane is presented in **Table 1**. The wells at which exceedances were observed for 1,4-dioxane, PFOA, and PFOS are depicted on **Figure 5**.

3.3 HISTORICAL TRENDS

The results from the October 2023 event indicate several findings that align with past historical exceedances of PCE and TCE:

- MW-11—PCE has been detected in groundwater since 2008 at this location. Concentrations have decreased from 60 µg/L in November 2008 to 5.9 µg/L in October 2023.

- MW-12—PCE has been detected since 2008 at this location, with the highest concentration of 60 µg/L observed in November 2008. While PCE concentrations decreased below the AWQS of 5 µg/L between 2011 and 2013, a more recent gradual increase was observed between 2015 and the most recent sampling event in October 2023. TCE concentrations have been below the AWQS of 5 µg/L between 2008 and 2016, but increased to 13.4 µg/L in October 2023.

- MW-23S—PCE concentrations have exceeded the AWQS of 5 µg/L at this location since 2008. The result of 102 µg/L in October 2023 is the lowest concentration observed since 2008, but it is still well above the AWQS. TCE concentrations have generally decreased at this location since 2008, with the October 2023 result falling bellowing the AWQS of 5 µg/L.

Across all three monitoring wells, PCE is consistently detected, indicating persistent groundwater contamination. For MW-11 and MW-23S, PCE concentrations have decreased overall since their peak concentrations in 2008 and 2013, respectively. This suggests mitigation efforts and natural attenuation processes taking effect. TCE, though less frequently detected, also shows variability

and suggests multiple sources or differing contamination pathways compared to PCE. For MW-12, the increase in PCE and TCE may be due to migration of residual contamination.

PFOS and PFOA exceedances were observed in each of the 11 wells sampled during the October 2023 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-14 during the October 2023 sampling event. No historical trends can be drawn due to the lack of historical sampling data of 1,4-dioxane at this Site.

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4. CONCLUSIONS AND RECOMMENDATIONS

The October 2023 groundwater analytical results indicate that PCE concentrations continue to remain elevated above the AWQS of (5 µg/L) in monitoring wells MW-11, MW-12, and MW-23S. Concentrations of TCE continue to remain elevated above the AWQS of (5 µg/L) in monitoring well MW-12. In addition, concentrations of PFOS and PFOA are above the AWQS (2.7 ng/L and 6.7 ng/L, respectively) in each of the 11 wells sampled in October 2023.

It is recommended that groundwater sampling of the entire well network occurs every 15 months until concentrations of PCE and TCE are less than the associated AWQS for two consecutive sampling events. However, an overall reduction in the total number of locations that are sampled should be evaluated before the next event (1Q 2025) and reduced based on current COC concentrations.

Continued annual site inspections are recommended to evaluate the condition of the existing well network. Based on the April 2023 inspection, well repairs are recommended as follows: bolts should be added to on-site and off-site monitoring well flush mount covers; wells should be clearly labeled; and efforts to locate monitoring wells MW-7, MW-8, MW-9, MW-10, and MW-15 should be evaluated. Observed blockages in MW-5, MW-13, and MW-16 should be evaluated and removed.

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Tables

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Table 1. Historical VOC Analytical Results

Location ID			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	MW-2
Sample Name			SL-MW-1	SL-MW-1	SL-MW1	SL-MW-1	SL-MW-51	SL-MW-1	MW-1	52077-MW-01-1016202	SL-MW-2	MW-02	SL-MW-2	SL-MW-2	SL-MW2	SL-MW-2	52077-MW-02-1016202
Parent Sample ID							MW-1_20150323										
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	10/16/2023
Analyte	**NYSDEC AWQS[1]**	**Unit**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
1,1,1,2-Tetrachloroethane	5	µg/L	< 5 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA
1,1,1-Trichloroethane (TCA)	5	µg/L	< 5 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1.0 U
1,1,2,2-Tetrachloroethane	5	µg/L	< 5 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1.0 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5.0 U	NA	NA	NA	NA	< 1 U	< 1 U	< 5.0 U
1,1,2-Trichloroethane	1	µg/L	< 5 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1.0 U
1,1-Dichloroethane	5	µg/L	< 5 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1.0 U
1,1-Dichloroethene	5	µg/L	< 5 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1.0 U
1,1-Dichloropropene	5	µg/L	< 5 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA
1,2,3-Trichlorobenzene	5	µg/L	< 5 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1.0 U
1,2,3-Trichloropropane	0.04	µg/L	< 5 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA
1,2,4-Trichlorobenzene	5	µg/L	< 5 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1.0 U
1,2,4-Trimethylbenzene	NSL	µg/L	< 5 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA
1,2-Dibromo-3-Chloropropane	0.04	µg/L	< 5 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 2.0 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	µg/L	< 5 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1.0 U
1,2-Dichlorobenzene	3	µg/L	< 5 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1.0 U
1,2-Dichloroethane	0.6	µg/L	< 5 U	< 5.0 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 0.5 U	< 0.5 U	< 1.0 U
1,2-Dichloropropane	1	µg/L	< 5 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1.0 U
1,3,5-Trimethylbenzene (Mesitylene)	NSL	µg/L	< 5 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA
1,3-Dichlorobenzene	5	µg/L	< 5 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1.0 U
1,3-Dichloropropane	5	µg/L	< 5 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA
1,4-Dichlorobenzene	3	µg/L	< 5 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1.0 U
2,2-Dichloropropane	NSL	µg/L	< 5 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA
2-Chlorotoluene	NSL	µg/L	< 5 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA
2-Hexanone	50	µg/L	< 5 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 5.0 U
4-Chlorotoluene	NSL	µg/L	< 5 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA
Acetone	50	µg/L	< 5 U	< 5.0 U	< 10 U	< 5 U	< 5 U	< 5 U	< 5 U	< 10 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 10 U	< 5 U	< 10 U
Benzene	1	µg/L	< 5 U	< 5.0 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.50 U	1.7 J	< 5 U	< 5.0 U	< 5.0 U	< 0.5 U	< 0.5 U	< 0.50 U
Bromobenzene	NSL	µg/L	< 5 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA
Bromochloromethane	5	µg/L	< 5 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1.0 U
Bromodichloromethane	50	µg/L	< 5 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1.0 U
Bromoform	50	µg/L	< 5 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1.0 U
Bromomethane	5	µg/L	< 5 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 2.0 U
Carbon Disulfide	60	µg/L	< 5 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 2.0 U
Carbon Tetrachloride	5	µg/L	< 5 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1.0 U
Chlorobenzene	5	µg/L	< 5 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1.0 U
Chloroethane	5	µg/L	< 5 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1.0 U
Chloroform	7	µg/L	< 5 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1.0 U
Chloromethane (Methyl Chloride)	NSL	µg/L	< 5 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1.0 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	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1.0 U
Cis-1,3-Dichloropropene	0.4	µg/L	< 5 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1.0 U
Cyclohexane	NSL	µg/L	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5.0 U	NA	NA	NA	NA	< 1 U	< 1 U	< 5.0 U
Cymene	NSL	µg/L	< 5 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA
Dibromochloromethane	50	µg/L	< 5 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1.0 U
Dibromofluoromethane	NSL	µg/L	47.557	NA	NA	NA	NA	NA	NA	NA	48.433	49.003	NA	NA	NA	NA	NA
Dibromomethane	5	µg/L	< 5 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA
Dichlorodifluoromethane	5	µg/L	< 5 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 2.0 U
Ethylbenzene	5	µg/L	< 5 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1.0 U
Hexachlorobutadiene	0.5	µg/L	< 5 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA
Iodomethane (Methyl Iodide)	NSL	µg/L	< 5 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA
Isopropylbenzene (Cumene)	5	µg/L	< 5 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1.0 U
Methyl Acetate	NSL	µg/L	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5.0 U	NA	NA	NA	NA	< 1 U	< 1 U	< 5.0 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 5 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 10 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	< 5 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 5.0 U
Methylcyclohexane	NSL	µg/L	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5.0 U	NA	NA	NA	NA	< 1 U	< 1 U	< 5.0 U
Methylene Chloride	5	µg/L	< 5 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 2.0 U
M-P-Xylene	NSL	µg/L	NA	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	NA	NA	NA	< 5.0 U	< 1 U	< 1 U	< 1.0 U
Naphthalene	10	µg/L	< 5 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA
N-Butylbenzene	5	µg/L	< 5 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA
N-Propylbenzene	NSL	µg/L	< 5 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	< 5 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1.0 U
Sec-Butylbenzene	5	µg/L	< 5 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA
Styrene	5	µg/L	< 5 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1.0 U
T-Butylbenzene	5	µg/L	< 5 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA
Tert-Butyl Methyl Ether	10	µg/L	< 5 U	< 5.0 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 0.5 U	< 0.5 U	< 1.0 U
Tetrachloroethylene (PCE)	5	µg/L	50	18	5.6	14	15	15	< 1 U	1.3	< 5 U	< 5 U	2.1 J	< 5.0 U	< 1 U	1.1	< 1.0 U
Toluene	5	µg/L	< 5 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	1.4 J	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1.0 U
Trans-1,2-Dichloroethene	5	µg/L	< 5 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1.0 U
Trans-1,3-Dichloropropene	0.4	µg/L	< 5 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1.0 U
Trichloroethylene (TCE)	5	µg/L	1.8 J	0.81 J	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1.0 U
Trichlorofluoromethane	5	µg/L	< 5 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 2.0 U
Vinyl Acetate	NSL	µg/L	< 5 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA
Vinyl Chloride	NSL	µg/L	< 5 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1.0 U
Xylenes	5	µg/L	1.1	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1.0 U

Notes:
(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.
J = Concentration is estimated.
NA = Not analyzed.
NSL = No screening level available.
U = Analyte not detected.
Concentrations exceeding the screening level are shaded gray.

Table 1. Historical VOC Analytical Results

Location ID			MW-3A	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	MW-3B
Sample Name			SL-MW-3A	SL-MW-3A	SL-MW-3A	SL-MW-3A	SL-MW-3A	SL-MW-3A	SL-MW-3A	MW-3A	MW-3A	152077-MW-03A-10162023	SL-MW-3B	MW-3B	SL-MW-3B	SL-MW-3B	SL-MW-3B
Parent Sample ID																	
Sample Date			11/14/2008	2/3/2010	5/11/2011	8/27/2012	11/12/2013	3/23/2015	5/11/2016	9/22/2017	9/28/2017	10/16/2023	11/14/2008	2/4/2010	5/11/2011	8/27/2012	11/12/2013
Analyte	**NYSDEC AWQS[1]**	**Unit**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
1,1,1,2-Tetrachloroethane	5	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA
1,1,1-Trichloroethane (TCA)	5	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
1,1,2,2-Tetrachloroethane	5	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 5.0 U	NA	NA	NA	NA	< 1 U
1,1,2-Trichloroethane	1	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
1,1-Dichloroethane	5	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
1,1-Dichloroethene	5	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
1,1-Dichloropropene	5	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA
1,2,3-Trichlorobenzene	5	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
1,2,3-Trichloropropane	0.04	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA
1,2,4-Trichlorobenzene	5	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
1,2,4-Trimethylbenzene	NSL	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA
1,2-Dibromo-3-Chloropropane	0.04	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 2.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
1,2-Dichlorobenzene	3	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
1,2-Dichloroethane	0.6	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	NA	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 0.5 U
1,2-Dichloropropane	1	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
1,3,5-Trimethylbenzene (Mesitylene)	NSL	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA
1,3-Dichlorobenzene	5	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
1,3-Dichloropropane	5	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA
1,4-Dichlorobenzene	3	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
2,2-Dichloropropane	NSL	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA
2-Chlorotoluene	NSL	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA
2-Hexanone	50	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 5.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
4-Chlorotoluene	NSL	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA
Acetone	50	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 10 U	< 5 U	< 5 U	< 5 U	NA	< 10 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 10 U
Benzene	1	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	NA	< 0.50 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 0.5 U
Bromobenzene	NSL	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA
Bromochloromethane	5	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Bromodichloromethane	50	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Bromoform	50	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Bromomethane	5	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 2.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Carbon Disulfide	60	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 2.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Carbon Tetrachloride	5	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Chlorobenzene	5	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Chloroethane	5	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Chloroform	7	µg/L	< 5 U	< 5 U	< 5.0 U	0.53 J	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Chloromethane (Methyl Chloride)	NSL	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Cis-1,2-Dichloroethylene	5	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Cis-1,3-Dichloropropene	0.4	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Cyclohexane	NSL	µg/L	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 5.0 U	NA	NA	NA	NA	< 1 U
Cymene	NSL	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA
Dibromochloromethane	50	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Dibromofluoromethane	NSL	µg/L	48.837	48.538	NA	NA	NA	NA	NA	NA	NA	NA	48.508	47.639	NA	NA	NA
Dibromomethane	5	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA
Dichlorodifluoromethane	5	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 2.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Ethylbenzene	5	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Hexachlorobutadiene	0.5	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA
Iodomethane (Methyl Iodide)	NSL	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA
Isopropylbenzene (Cumene)	5	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Methyl Acetate	NSL	µg/L	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 5.0 U	NA	NA	NA	NA	< 1 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 10 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 5.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Methylcyclohexane	NSL	µg/L	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 5.0 U	NA	NA	NA	NA	< 1 U
Methylene Chloride	5	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 2.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
M-P-Xylene	NSL	µg/L	NA	NA	NA	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 1.0 U	NA	NA	NA	< 5.0 U	< 1 U
Naphthalene	10	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA
N-Butylbenzene	5	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA
N-Propylbenzene	NSL	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Sec-Butylbenzene	5	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA
Styrene	5	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
T-Butylbenzene	5	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA
Tert-Butyl Methyl Ether	10	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	NA	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 0.5 U
Tetrachloroethylene (PCE)	5	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	1.2	NA	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Toluene	5	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Trans-1,2-Dichloroethene	5	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Trans-1,3-Dichloropropene	0.4	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Trichloroethylene (TCE)	5	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	2.6	NA	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Trichlorofluoromethane	5	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 2.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Vinyl Acetate	NSL	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA
Vinyl Chloride	NSL	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Xylenes	5	µg/L	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U

Notes:
(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.
J = Concentration is estimated.
NA = Not analyzed.
NSL = No screening level available.
U = Analyte not detected.
Concentrations exceeding the screening level are shaded gray.

Table 1. Historical VOC Analytical Results

			Location ID	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	MW-5	MW-5
			Sample Name	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	SL-MW-5	MW-05
			Parent Sample ID	MW-3B-20131112														
			Sample Date	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	11/13/2008	2/4/2010
Analyte	**NYSDEC AWQS[1]**	**Unit**		**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
1,1,1,2-Tetrachloroethane	5	µg/L		NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 50 U	< 5 U
1,1,1-Trichloroethane (TCA)	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 50 U	< 5 U
1,1,2,2-Tetrachloroethane	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 50 U	< 5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 5.0 U	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 5.0 U	NA	NA
1,1,2-Trichloroethane	1	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 50 U	< 5 U
1,1-Dichloroethane	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 50 U	< 5 U
1,1-Dichloroethene	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 50 U	< 5 U
1,1-Dichloropropene	5	µg/L		NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 50 U	< 5 U
1,2,3-Trichlorobenzene	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 50 U	< 5 U
1,2,3-Trichloropropane	0.04	µg/L		NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 50 U	< 5 U
1,2,4-Trichlorobenzene	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 50 U	< 5 U
1,2,4-Trimethylbenzene	NSL	µg/L		NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 50 U	< 5 U
1,2-Dibromo-3-Chloropropane	0.04	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 2.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 2.0 U	< 50 U	< 5 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 50 U	< 5 U
1,2-Dichlorobenzene	3	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 50 U	< 5 U
1,2-Dichloroethane	0.6	µg/L		< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 0.5 U	< 0.5 U	< 0.5 U	< 1.0 U	< 50 U	< 5 U
1,2-Dichloropropane	1	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 50 U	< 5 U
1,3,5-Trimethylbenzene (Mesitylene)	NSL	µg/L		NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 50 U	< 5 U
1,3-Dichlorobenzene	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 50 U	< 5 U
1,3-Dichloropropane	5	µg/L		NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 50 U	< 5 U
1,4-Dichlorobenzene	3	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 50 U	< 5 U
2,2-Dichloropropane	NSL	µg/L		NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 50 U	< 5 U
2-Chlorotoluene	NSL	µg/L		NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 50 U	< 5 U
2-Hexanone	50	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 5.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 5.0 U	< 50 U	< 5 U
4-Chlorotoluene	NSL	µg/L		NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 50 U	< 5 U
Acetone	50	µg/L		< 10 U	< 5 U	< 5 U	< 5 U	< 10 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 10 U	< 5 U	< 5 U	< 10 U	170	< 5 U
Benzene	1	µg/L		< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.50 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.50 U	< 50 U	< 5 U
Bromobenzene	NSL	µg/L		NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 50 U	< 5 U
Bromochloromethane	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 50 U	< 5 U
Bromodichloromethane	50	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 50 U	< 5 U
Bromoform	50	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 50 U	< 5 U
Bromomethane	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 2.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 2.0 U	< 50 U	< 5 U
Carbon Disulfide	60	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 2.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 2.0 U	< 50 U	< 5 U
Carbon Tetrachloride	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 50 U	< 5 U
Chlorobenzene	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 50 U	< 5 U
Chloroethane	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 50 U	< 5 U
Chloroform	7	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 50 U	< 5 U
Chloromethane (Methyl Chloride)	NSL	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 50 U	< 5 U
Cis-1,2-Dichloroethylene	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 50 U	< 5 U
Cis-1,3-Dichloropropene	0.4	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 50 U	< 5 U
Cyclohexane	NSL	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 5.0 U	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 5.0 U	NA	NA
Cymene	NSL	µg/L		NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 50 U	< 5 U
Dibromochloromethane	50	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 50 U	< 5 U
Dibromofluoromethane	NSL	µg/L		NA	NA	NA	NA	NA	49.224	49.403	NA	NA	NA	NA	NA	NA	49.339	48.331
Dibromomethane	5	µg/L		NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 50 U	< 5 U
Dichlorodifluoromethane	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 2.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 2.0 U	< 50 U	< 5 U
Ethylbenzene	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 50 U	< 5 U
Hexachlorobutadiene	0.5	µg/L		NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 50 U	< 5 U
Iodomethane (Methyl Iodide)	NSL	µg/L		NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 50 U	< 5 U
Isopropylbenzene (Cumene)	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 50 U	< 5 U
Methyl Acetate	NSL	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 5.0 U	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 5.0 U	NA	NA
Methyl Ethyl Ketone (2-Butanone)	50	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 10 U	38 J	< 5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 5.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 5.0 U	< 50 U	< 5 U
Methylcyclohexane	NSL	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 5.0 U	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 5.0 U	NA	NA
Methylene Chloride	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 2.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 2.0 U	< 50 U	< 5 U
M-P-Xylene	NSL	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	NA	NA	NA	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	NA	NA
Naphthalene	10	µg/L		NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 50 U	< 5 U
N-Butylbenzene	5	µg/L		NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 50 U	< 5 U
N-Propylbenzene	NSL	µg/L		NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 50 U	< 5 U
O-Xylene (1,2-Dimethylbenzene)	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 50 U	< 5 U
Sec-Butylbenzene	5	µg/L		NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 50 U	< 5 U
Styrene	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 50 U	< 5 U
T-Butylbenzene	5	µg/L		NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 50 U	< 5 U
Tert-Butyl Methyl Ether	10	µg/L		< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 0.5 U	< 0.5 U	< 0.5 U	< 1.0 U	< 50 U	< 5 U
Tetrachloroethylene (PCE)	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 50 U	< 5 U
Toluene	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	1200	230 D
Trans-1,2-Dichloroethene	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 50 U	< 5 U
Trans-1,3-Dichloropropene	0.4	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 50 U	< 5 U
Trichloroethylene (TCE)	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 50 U	< 5 U
Trichlorofluoromethane	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 2.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 2.0 U	< 50 U	< 5 U
Vinyl Acetate	NSL	µg/L		NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 50 U	< 5 U
Vinyl Chloride	NSL	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 50 U	< 5 U
Xylenes	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 50 U	< 5 U

Notes:
(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.
J = Concentration is estimated.
NA = Not analyzed.
NSL = No screening level available.
U = Analyte not detected.
Concentrations exceeding the screening level are shaded gray.

Table 1. Historical VOC Analytical Results

		Location ID	MW-5	MW-5	MW-5	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6B	MW-6B
		Sample Name	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-56A	SL-MW-6A	MW-6A	152077-MW-06A-10172023	SL-MW-6B	MW-6B
		Parent Sample ID										MW-6A_20160510					
		Sample Date	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	10/17/2023	11/13/2008	2/4/2010
Analyte	**NYSDEC AWQS[1]**	**Unit**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
1,1,1,2-Tetrachloroethane	5	µg/L	< 5.0 U	< 5.0 U	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U
1,1,1-Trichloroethane (TCA)	5	µg/L	< 5.0 U	< 5.0 U	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U
1,1,2,2-Tetrachloroethane	5	µg/L	< 5.0 U	< 5.0 U	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	NA	NA	< 1 U	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5.0 U	NA	NA
1,1,2-Trichloroethane	1	µg/L	< 5.0 U	< 5.0 U	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U
1,1-Dichloroethane	5	µg/L	< 5.0 U	< 5.0 U	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U
1,1-Dichloroethene	5	µg/L	< 5.0 U	< 5.0 U	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U
1,1-Dichloropropene	5	µg/L	< 5.0 U	< 5.0 U	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U
1,2,3-Trichlorobenzene	5	µg/L	< 5.0 U	< 5.0 U	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U
1,2,3-Trichloropropane	0.04	µg/L	< 5.0 U	< 5.0 U	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U
1,2,4-Trichlorobenzene	5	µg/L	< 5.0 U	< 5.0 U	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U
1,2,4-Trimethylbenzene	NSL	µg/L	< 5.0 U	< 5.0 U	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U
1,2-Dibromo-3-Chloropropane	0.04	µg/L	< 5.0 U	< 5.0 U	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2.0 U	< 5 U	< 5 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	µg/L	< 5.0 U	< 5.0 U	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U
1,2-Dichlorobenzene	3	µg/L	< 5.0 U	< 5.0 U	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U
1,2-Dichloroethane	0.6	µg/L	< 5.0 U	< 5.0 U	< 0.5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 1.0 U	< 5 U	< 5 U
1,2-Dichloropropane	1	µg/L	< 5.0 U	< 5.0 U	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U
1,3,5-Trimethylbenzene (Mesitylene)	NSL	µg/L	< 5.0 U	< 5.0 U	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U
1,3-Dichlorobenzene	5	µg/L	< 5.0 U	< 5.0 U	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U
1,3-Dichloropropane	5	µg/L	< 5.0 U	< 5.0 U	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U
1,4-Dichlorobenzene	3	µg/L	< 5.0 U	< 5.0 U	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U
2,2-Dichloropropane	NSL	µg/L	< 5.0 U	< 5.0 U	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U
2-Chlorotoluene	NSL	µg/L	< 5.0 U	< 5.0 U	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U
2-Hexanone	50	µg/L	< 5.0 U	< 5.0 U	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5.0 U	< 5 U	< 5 U
4-Chlorotoluene	NSL	µg/L	< 5.0 U	< 5.0 U	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U
Acetone	50	µg/L	< 5.0 U	< 5.0 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 10 U	< 5 U	< 5 U	< 5 U	< 5 U	< 10 U	< 5 U	< 5 U
Benzene	1	µg/L	< 5.0 U	< 5.0 U	< 0.5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.50 U	< 5 U	< 5 U
Bromobenzene	NSL	µg/L	< 5.0 U	< 5.0 U	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U
Bromochloromethane	5	µg/L	< 5.0 U	< 5.0 U	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U
Bromodichloromethane	50	µg/L	< 5.0 U	< 5.0 U	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U
Bromoform	50	µg/L	< 5.0 U	< 5.0 U	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U
Bromomethane	5	µg/L	< 5.0 U	< 5.0 U	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2.0 U	< 5 U	< 5 U
Carbon Disulfide	60	µg/L	< 5.0 U	< 5.0 U	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2.0 U	< 5 U	< 5 U
Carbon Tetrachloride	5	µg/L	< 5.0 U	< 5.0 U	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U
Chlorobenzene	5	µg/L	< 5.0 U	< 5.0 U	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U
Chloroethane	5	µg/L	< 5.0 U	< 5.0 U	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U
Chloroform	7	µg/L	< 5.0 U	< 5.0 U	< 1 U	2 J	< 5 U	< 5.0 U	< 5.0 U	5.7	2.8	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U
Chloromethane (Methyl Chloride)	NSL	µg/L	< 5.0 U	< 5.0 U	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U
Cis-1,2-Dichloroethylene	5	µg/L	< 5.0 U	< 5.0 U	< 1 U	140	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	41	44	51	< 1.0 U	< 5 U	190
Cis-1,3-Dichloropropene	0.4	µg/L	< 5.0 U	< 5.0 U	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U
Cyclohexane	NSL	µg/L	NA	NA	< 1 U	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5.0 U	NA	NA
Cymene	NSL	µg/L	< 5.0 U	< 5.0 U	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U
Dibromochloromethane	50	µg/L	< 5.0 U	< 5.0 U	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U
Dibromofluoromethane	NSL	µg/L	NA	NA	NA	49.647	49.076	NA	NA	NA	NA	NA	NA	NA	NA	48.87	48.803
Dibromomethane	5	µg/L	< 5.0 U	< 5.0 U	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U
Dichlorodifluoromethane	5	µg/L	< 5.0 U	< 5.0 U	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2.0 U	< 5 U	< 5 U
Ethylbenzene	5	µg/L	< 5.0 U	< 5.0 U	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U
Hexachlorobutadiene	0.5	µg/L	< 5.0 U	< 5.0 U	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U
Iodomethane (Methyl Iodide)	NSL	µg/L	< 5.0 U	< 5.0 U	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U
Isopropylbenzene (Cumene)	5	µg/L	< 5.0 U	< 5.0 U	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U
Methyl Acetate	NSL	µg/L	NA	NA	< 1 U	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5.0 U	NA	NA
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 5.0 U	< 5.0 U	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 5 U	< 5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	< 5.0 U	< 5.0 U	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5.0 U	< 5 U	< 5 U
Methylcyclohexane	NSL	µg/L	NA	NA	< 1 U	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5.0 U	NA	NA
Methylene Chloride	5	µg/L	< 5.0 U	< 5.0 U	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2.0 U	< 5 U	< 5 U
M-P-Xylene	NSL	µg/L	NA	< 5.0 U	< 1 U	NA	NA	NA	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	NA	NA
Naphthalene	10	µg/L	< 5.0 U	< 5.0 U	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U
N-Butylbenzene	5	µg/L	< 5.0 U	< 5.0 U	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U
N-Propylbenzene	NSL	µg/L	< 5.0 U	< 5.0 U	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	< 5.0 U	< 5.0 U	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U
Sec-Butylbenzene	5	µg/L	< 5.0 U	< 5.0 U	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U
Styrene	5	µg/L	< 5.0 U	< 5.0 U	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U
T-Butylbenzene	5	µg/L	< 5.0 U	< 5.0 U	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U
Tert-Butyl Methyl Ether	10	µg/L	< 5.0 U	< 5.0 U	< 0.5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 1.0 U	< 5 U	< 5 U
Tetrachloroethylene (PCE)	5	µg/L	< 5.0 U	< 5.0 U	< 1 U	470 D	1.2 J	< 5.0 U	< 5.0 U	< 1 U	< 1 U	340	330	340	< 1.0 U	< 5 U	2000 D
Toluene	5	µg/L	< 5.0 U	< 5.0 U	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U
Trans-1,2-Dichloroethene	5	µg/L	< 5.0 U	< 5.0 U	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U
Trans-1,3-Dichloropropene	0.4	µg/L	< 5.0 U	< 5.0 U	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U
Trichloroethylene (TCE)	5	µg/L	1.5 J	< 5.0 U	< 1 U	30	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	11	12	8.1	< 1.0 U	< 5 U	40
Trichlorofluoromethane	5	µg/L	< 5.0 U	< 5.0 U	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2.0 U	< 5 U	< 5 U
Vinyl Acetate	NSL	µg/L	< 5.0 U	< 5.0 U	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U
Vinyl Chloride	NSL	µg/L	< 5.0 U	< 5.0 U	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U
Xylenes	5	µg/L	< 5.0 U	< 5.0 U	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U

Notes:
(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.
J = Concentration is estimated.
NA = Not analyzed.
NSL = No screening level available.
U = Analyte not detected.
Concentrations exceeding the screening level are shaded gray.

Table 1. Historical VOC Analytical Results

Location ID			MW-6B	MW-6B	MW-6B	MW-6B	MW-6B	MW-6B	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11	MW-12	MW-12	MW-12
Sample Name			SL-MW-6B	SL-MW-6B	SL-MW-6B	SL-MW-6B	SL-MW-6B	MW-6B	SL-MW-11	SL-MW-11	MW-11	152077-MW-11-10172023	152077-MW-11D-10172023	152077-MS-10172023	SL-MW-12	SL-MW-12	SL-MW-12
Parent Sample ID													152077-MW-11-20231017				
Sample Date			5/12/2011	8/27/2012	11/13/2013	3/24/2015	5/10/2016	9/19/2017	11/11/2008	5/9/2016	9/21/2017	10/17/2023	10/17/2023	10/17/2023	11/12/2008	2/2/2010	5/10/2011
Analyte	**NYSDEC AWQS[1]**	**Unit**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
1,1,1,2-Tetrachloroethane	5	µg/L	< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 5 U	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U
1,1,1-Trichloroethane (TCA)	5	µg/L	< 5.0 U	< 5.0 U	< 20 U	< 10 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1.0 U	< 1.0 U	NA	< 5 U	< 5 U	< 5.0 U
1,1,2,2-Tetrachloroethane	5	µg/L	< 5.0 U	< 5.0 U	< 20 U	< 10 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1.0 U	< 1.0 U	NA	< 5 U	< 5 U	< 5.0 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	NA	NA	< 20 U	< 10 U	< 1 U	< 1 U	NA	< 1 U	< 1 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA
1,1,2-Trichloroethane	1	µg/L	< 5.0 U	< 5.0 U	< 20 U	< 10 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1.0 U	< 1.0 U	NA	< 5 U	< 5 U	< 5.0 U
1,1-Dichloroethane	5	µg/L	< 5.0 U	< 5.0 U	< 20 U	< 10 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1.0 U	< 1.0 U	NA	< 5 U	< 5 U	< 5.0 U
1,1-Dichloroethene	5	µg/L	< 5.0 U	< 5.0 U	< 20 U	< 10 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1.0 U	< 1.0 U	NA	< 5 U	< 5 U	< 5.0 U
1,1-Dichloropropene	5	µg/L	< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 5 U	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U
1,2,3-Trichlorobenzene	5	µg/L	< 5.0 U	< 5.0 U	< 20 U	< 10 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1.0 U	< 1.0 U	NA	< 5 U	< 5 U	< 5.0 U
1,2,3-Trichloropropane	0.04	µg/L	< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 5 U	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U
1,2,4-Trichlorobenzene	5	µg/L	< 5.0 U	< 5.0 U	< 20 U	< 10 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1.0 U	< 1.0 U	NA	< 5 U	< 5 U	< 5.0 U
1,2,4-Trimethylbenzene	NSL	µg/L	< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 5 U	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U
1,2-Dibromo-3-Chloropropane	0.04	µg/L	< 5.0 U	< 5.0 U	< 20 U	< 10 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 2.0 U	< 2.0 U	NA	< 5 U	< 5 U	< 5.0 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	µg/L	< 5.0 U	< 5.0 U	< 20 U	< 10 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1.0 U	< 1.0 U	NA	< 5 U	< 5 U	< 5.0 U
1,2-Dichlorobenzene	3	µg/L	< 5.0 U	< 5.0 U	< 20 U	< 10 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1.0 U	< 1.0 U	NA	< 5 U	< 5 U	< 5.0 U
1,2-Dichloroethane	0.6	µg/L	< 5.0 U	< 5.0 U	< 10 U	< 5 U	< 0.5 U	< 0.5 U	< 5 U	< 0.5 U	< 0.5 U	< 1.0 U	< 1.0 U	NA	< 5 U	< 5 U	< 5.0 U
1,2-Dichloropropane	1	µg/L	< 5.0 U	< 5.0 U	< 20 U	< 10 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1.0 U	< 1.0 U	NA	< 5 U	< 5 U	< 5.0 U
1,3,5-Trimethylbenzene (Mesitylene)	NSL	µg/L	< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 5 U	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U
1,3-Dichlorobenzene	5	µg/L	< 5.0 U	< 5.0 U	< 20 U	< 10 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1.0 U	< 1.0 U	NA	< 5 U	< 5 U	< 5.0 U
1,3-Dichloropropane	5	µg/L	< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 5 U	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U
1,4-Dichlorobenzene	3	µg/L	< 5.0 U	< 5.0 U	< 20 U	< 10 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1.0 U	< 1.0 U	NA	< 5 U	< 5 U	< 5.0 U
2,2-Dichloropropane	NSL	µg/L	< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 5 U	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U
2-Chlorotoluene	NSL	µg/L	< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 5 U	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U
2-Hexanone	50	µg/L	< 5.0 U	< 5.0 U	< 20 U	< 10 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 5.0 U	< 5.0 U	NA	< 5 U	< 5 U	< 5.0 U
4-Chlorotoluene	NSL	µg/L	< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 5 U	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U
Acetone	50	µg/L	< 5.0 U	3.7 J	< 200 U	< 50 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 10 U	< 10 U	NA	< 5 U	< 5 U	< 5.0 U
Benzene	1	µg/L	< 5.0 U	< 5.0 U	< 10 U	< 5 U	< 0.5 U	< 0.5 U	< 5 U	< 0.5 U	< 0.5 U	< 0.50 U	< 0.50 U	NA	< 5 U	< 5 U	< 5.0 U
Bromobenzene	NSL	µg/L	< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 5 U	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U
Bromochloromethane	5	µg/L	< 5.0 U	< 5.0 U	< 20 U	< 10 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1.0 U	< 1.0 U	NA	< 5 U	< 5 U	< 5.0 U
Bromodichloromethane	50	µg/L	< 5.0 U	< 5.0 U	< 20 U	< 10 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1.0 U	< 1.0 U	NA	< 5 U	< 5 U	< 5.0 U
Bromoform	50	µg/L	< 5.0 U	< 5.0 U	< 20 U	< 10 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1.0 U	< 1.0 U	NA	< 5 U	< 5 U	< 5.0 U
Bromomethane	5	µg/L	< 5.0 U	< 5.0 U	< 20 U	< 10 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 2.0 U	< 2.0 U	NA	< 5 U	< 5 U	< 5.0 U
Carbon Disulfide	60	µg/L	< 5.0 U	< 5.0 U	< 20 U	< 10 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 2.0 U	< 2.0 U	NA	< 5 U	< 5 U	< 5.0 U
Carbon Tetrachloride	5	µg/L	< 5.0 U	< 5.0 U	< 20 U	< 10 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1.0 U	< 1.0 U	NA	< 5 U	< 5 U	< 5.0 U
Chlorobenzene	5	µg/L	< 5.0 U	< 5.0 U	< 20 U	< 10 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1.0 U	< 1.0 U	NA	< 5 U	< 5 U	< 5.0 U
Chloroethane	5	µg/L	< 5.0 U	< 5.0 U	< 20 U	< 10 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1.0 U	< 1.0 U	NA	< 5 U	< 5 U	< 5.0 U
Chloroform	7	µg/L	< 5.0 U	< 5.0 U	< 20 U	< 10 U	1.8	< 1 U	< 5 U	< 1 U	< 1 U	< 1.0 U	< 1.0 U	NA	< 5 U	< 5 U	< 5.0 U
Chloromethane (Methyl Chloride)	NSL	µg/L	< 5.0 U	< 5.0 U	< 20 U	< 10 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1.0 U	< 1.0 U	NA	< 5 U	< 5 U	< 5.0 U
Cis-1,2-Dichloroethylene	5	µg/L	44	0.50 J	140	100	< 1 U	< 1 U	13	5.9	6.1	1.9	2.1	NA	3.1 J	< 5 U	1.8 J
Cis-1,3-Dichloropropene	0.4	µg/L	< 5.0 U	< 5.0 U	< 20 U	< 10 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1.0 U	< 1.0 U	NA	< 5 U	< 5 U	< 5.0 U
Cyclohexane	NSL	µg/L	NA	NA	< 20 U	< 10 U	< 1 U	< 1 U	NA	< 1 U	< 1 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA
Cymene	NSL	µg/L	< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 5 U	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U
Dibromochloromethane	50	µg/L	< 5.0 U	< 5.0 U	< 20 U	< 10 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1.0 U	< 1.0 U	NA	< 5 U	< 5 U	< 5.0 U
Dibromofluoromethane	NSL	µg/L	NA	NA	NA	NA	NA	NA	48.974	NA	NA	NA	NA	NA	50.598	52.309	NA
Dibromomethane	5	µg/L	< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 5 U	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U
Dichlorodifluoromethane	5	µg/L	< 5.0 U	< 5.0 U	< 20 U	< 10 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 2.0 U	< 2.0 U	NA	< 5 U	< 5 U	< 5.0 U
Ethylbenzene	5	µg/L	< 5.0 U	< 5.0 U	< 20 U	< 10 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1.0 U	< 1.0 U	NA	< 5 U	< 5 U	< 5.0 U
Hexachlorobutadiene	0.5	µg/L	< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 5 U	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U
Iodomethane (Methyl Iodide)	NSL	µg/L	< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 5 U	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U
Isopropylbenzene (Cumene)	5	µg/L	< 5.0 U	< 5.0 U	< 20 U	< 10 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1.0 U	< 1.0 U	NA	< 5 U	< 5 U	< 5.0 U
Methyl Acetate	NSL	µg/L	NA	NA	< 20 U	< 10 U	< 1 U	< 1 U	NA	< 1 U	< 1 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 5.0 U	< 5.0 U	< 20 U	< 10 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 10 U	< 10 U	NA	< 5 U	< 5 U	< 5.0 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	< 5.0 U	< 5.0 U	< 20 U	< 10 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 5.0 U	< 5.0 U	NA	< 5 U	< 5 U	< 5.0 U
Methylcyclohexane	NSL	µg/L	NA	NA	< 20 U	< 10 U	< 1 U	< 1 U	NA	< 1 U	< 1 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA
Methylene Chloride	5	µg/L	< 5.0 U	< 5.0 U	< 20 U	< 10 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 2.0 U	< 2.0 U	NA	< 5 U	< 5 U	< 5.0 U
M-P-Xylene	NSL	µg/L	NA	< 5.0 U	< 20 U	< 10 U	< 1 U	< 1 U	NA	< 1 U	< 1 U	< 1.0 U	< 1.0 U	NA	NA	NA	NA
Naphthalene	10	µg/L	< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 5 U	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U
N-Butylbenzene	5	µg/L	< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 5 U	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U
N-Propylbenzene	NSL	µg/L	< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 5 U	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	< 5.0 U	< 5.0 U	< 20 U	< 10 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1.0 U	< 1.0 U	NA	< 5 U	< 5 U	< 5.0 U
Sec-Butylbenzene	5	µg/L	< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 5 U	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U
Styrene	5	µg/L	< 5.0 U	< 5.0 U	< 20 U	< 10 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1.0 U	< 1.0 U	NA	< 5 U	< 5 U	< 5.0 U
T-Butylbenzene	5	µg/L	< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 5 U	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U
Tert-Butyl Methyl Ether	10	µg/L	< 5.0 U	< 5.0 U	< 10 U	< 5 U	< 0.5 U	< 0.5 U	1.8 J	6.9	5.1	< 1.0 U	< 1.0 U	NA	< 5 U	< 5 U	1.7 J
Tetrachloroethylene (PCE)	5	µg/L	150	23	1500	1200	< 1 U	11	60	28	18	5.9	6.4	NA	60	10	1.6 J
Toluene	5	µg/L	< 5.0 U	< 5.0 U	< 20 U	< 10 U	< 1 U	< 1 U	63	< 1 U	< 1 U	< 1.0 U	< 1.0 U	NA	< 5 U	< 5 U	< 5.0 U
Trans-1,2-Dichloroethene	5	µg/L	< 5.0 U	< 5.0 U	< 20 U	< 10 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1.0 U	< 1.0 U	NA	< 5 U	< 5 U	< 5.0 U
Trans-1,3-Dichloropropene	0.4	µg/L	< 5.0 U	< 5.0 U	< 20 U	< 10 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1.0 U	< 1.0 U	NA	< 5 U	< 5 U	< 5.0 U
Trichloroethylene (TCE)	5	µg/L	7.3	< 5.0 U	30	31	1.1	22	4.8 J	2.4	1.9	0.67 J	0.71 J	NA	< 5 U	< 5 U	< 5.0 U
Trichlorofluoromethane	5	µg/L	< 5.0 U	< 5.0 U	< 20 U	< 10 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 2.0 U	< 2.0 U	NA	< 5 U	< 5 U	< 5.0 U
Vinyl Acetate	NSL	µg/L	< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 5 U	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U
Vinyl Chloride	NSL	µg/L	< 5.0 U	< 5.0 U	< 20 U	< 10 U	< 1 U	< 1 U	< 5 U	1.8	2.5	< 1.0 U	< 1.0 U	NA	< 5 U	< 5 U	< 5.0 U
Xylenes	5	µg/L	< 5.0 U	< 5.0 U	< 20 U	< 10 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1.0 U	< 1.0 U	NA	< 5 U	< 5 U	< 5.0 U

Notes:
(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.
J = Concentration is estimated.
NA = Not analyzed.
NSL = No screening level available.
U = Analyte not detected.
Concentrations exceeding the screening level are shaded gray.

Table 1. Historical VOC Analytical Results

			Location ID	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13
			Sample Name	SL-MW-62	SL-MW-12	SL-MW-12	SL-MW-12	SL-MW-12	52077-MW-12-1018202	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
			Parent Sample ID	SL-MW-12-20110510								MW-13-20100202						
			Sample Date	5/10/2011	8/22/2012	11/14/2013	3/24/2015	5/11/2016	10/18/2023	11/12/2008	2/2/2010	2/2/2010	5/10/2011	8/21/2012	11/14/2013	3/24/2015	5/11/2016	9/20/2017
Analyte	**NYSDEC AWQS[1]**	**Unit**		**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
1,1,1,2-Tetrachloroethane	5	µg/L		< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA
1,1,1-Trichloroethane (TCA)	5	µg/L		< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	NA
1,1,2,2-Tetrachloroethane	5	µg/L		< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L		NA	NA	< 1 U	< 1 U	< 1 U	< 5.0 U	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	NA
1,1,2-Trichloroethane	1	µg/L		< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	NA
1,1-Dichloroethane	5	µg/L		< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	NA
1,1-Dichloroethene	5	µg/L		< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	NA
1,1-Dichloropropene	5	µg/L		< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA
1,2,3-Trichlorobenzene	5	µg/L		< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	NA
1,2,3-Trichloropropane	0.04	µg/L		< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA
1,2,4-Trichlorobenzene	5	µg/L		< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	NA
1,2,4-Trimethylbenzene	NSL	µg/L		< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA
1,2-Dibromo-3-Chloropropane	0.04	µg/L		< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 2.0 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	NA
1,2-Dibromoethane (Ethylene Dibromide)	NSL	µg/L		< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	NA
1,2-Dichlorobenzene	3	µg/L		< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	NA
1,2-Dichloroethane	0.6	µg/L		< 5.0 U	< 5.0 U	< 0.5 U	< 0.5 U	< 0.5 U	< 1.0 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 0.5 U	< 0.5 U	< 0.5 U	NA
1,2-Dichloropropane	1	µg/L		< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	NA
1,3,5-Trimethylbenzene (Mesitylene)	NSL	µg/L		< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA
1,3-Dichlorobenzene	5	µg/L		< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	NA
1,3-Dichloropropane	5	µg/L		< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA
1,4-Dichlorobenzene	3	µg/L		< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	NA
2,2-Dichloropropane	NSL	µg/L		< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA
2-Chlorotoluene	NSL	µg/L		< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA
2-Hexanone	50	µg/L		< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 5.0 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	NA
4-Chlorotoluene	NSL	µg/L		< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA
Acetone	50	µg/L		< 5.0 U	< 5.0 U	< 10 U	< 5 U	< 5 U	< 10 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 10 U	< 5 U	< 5 U	NA
Benzene	1	µg/L		< 5.0 U	< 5.0 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.50 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 0.5 U	< 0.5 U	< 0.5 U	NA
Bromobenzene	NSL	µg/L		< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA
Bromochloromethane	5	µg/L		< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	NA
Bromodichloromethane	50	µg/L		< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	NA
Bromoform	50	µg/L		< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	NA
Bromomethane	5	µg/L		< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 2.0 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	NA
Carbon Disulfide	60	µg/L		< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 2.0 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	NA
Carbon Tetrachloride	5	µg/L		< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	NA
Chlorobenzene	5	µg/L		< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	NA
Chloroethane	5	µg/L		< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	NA
Chloroform	7	µg/L		< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	2.7 J	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	NA
Chloromethane (Methyl Chloride)	NSL	µg/L		< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	NA
Cis-1,2-Dichloroethylene	5	µg/L		1.6 J	5.6	< 1 U	< 1 U	< 1 U	3.7	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	NA
Cis-1,3-Dichloropropene	0.4	µg/L		< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	NA
Cyclohexane	NSL	µg/L		NA	NA	< 1 U	< 1 U	< 1 U	< 5.0 U	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	NA
Cymene	NSL	µg/L		< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA
Dibromochloromethane	50	µg/L		< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	NA
Dibromofluoromethane	NSL	µg/L		NA	NA	NA	NA	NA	NA	48.818	51.691	52.327	NA	NA	NA	NA	NA	NA
Dibromomethane	5	µg/L		< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA
Dichlorodifluoromethane	5	µg/L		< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 2.0 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	NA
Ethylbenzene	5	µg/L		< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	NA
Hexachlorobutadiene	0.5	µg/L		< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA
Iodomethane (Methyl Iodide)	NSL	µg/L		< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA
Isopropylbenzene (Cumene)	5	µg/L		< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	NA
Methyl Acetate	NSL	µg/L		NA	NA	< 1 U	< 1 U	< 1 U	< 5.0 U	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	NA
Methyl Ethyl Ketone (2-Butanone)	50	µg/L		< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 10 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	NA
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L		< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 5.0 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	NA
Methylcyclohexane	NSL	µg/L		NA	NA	< 1 U	< 1 U	< 1 U	< 5.0 U	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	NA
Methylene Chloride	5	µg/L		< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 2.0 U	< 5 U	< 5 U	1.3 J	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	NA
M-P-Xylene	NSL	µg/L		NA	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	NA	NA	NA	NA	< 5.0 U	< 1 U	< 1 U	< 1 U	NA
Naphthalene	10	µg/L		< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA
N-Butylbenzene	5	µg/L		< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA
N-Propylbenzene	NSL	µg/L		< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA
O-Xylene (1,2-Dimethylbenzene)	5	µg/L		< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	NA
Sec-Butylbenzene	5	µg/L		< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA
Styrene	5	µg/L		< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	NA
T-Butylbenzene	5	µg/L		< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA
Tert-Butyl Methyl Ether	10	µg/L		1.7 J	0.68 J	< 0.5 U	< 0.5 U	< 0.5 U	< 1.0 U	< 5 U	< 5 U	< 5 U	< 5.0 U	6.7	1.2	1.4	0.57	NA
Tetrachloroethylene (PCE)	5	µg/L		1.8 J	0.80 J	2.4	10	13	25.4	1 J	< 5 U	< 5 U	< 5.0 U	1.0 J	< 1 U	< 1 U	< 1 U	NA
Toluene	5	µg/L		< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	NA
Trans-1,2-Dichloroethene	5	µg/L		< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	NA
Trans-1,3-Dichloropropene	0.4	µg/L		< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	NA
Trichloroethylene (TCE)	5	µg/L		< 5.0 U	1.1 J	< 1 U	< 1 U	< 1 U	13.4	< 5 U	< 5 U	< 5 U	< 5.0 U	0.71 J	< 1 U	< 1 U	< 1 U	NA
Trichlorofluoromethane	5	µg/L		< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 2.0 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	NA
Vinyl Acetate	NSL	µg/L		< 5.0 U	< 5.0 U	NA	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA
Vinyl Chloride	NSL	µg/L		< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	NA
Xylenes	5	µg/L		< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	NA

Notes:
(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.
J = Concentration is estimated.
NA = Not analyzed.
NSL = No screening level available.
U = Analyte not detected.
Concentrations exceeding the screening level are shaded gray.

Table 1. Historical VOC Analytical Results

		Location ID	MW-13	MW-14	MW-14	MW-14	MW-14	MW-14	MW-14	MW-14	MW-14	MW-14	MW-16	MW-16	MW-16	MW-16	MW-16
		Sample Name	MW-13	SL-MW-14	SL-MW-14	SL-MW-14	SL-MW-14	SL-MW-14	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
		Parent Sample ID															
		Sample Date	9/28/2017	11/14/2008	2/2/2010	5/10/2011	8/22/2012	11/14/2013	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
Analyte	**NYSDEC AWQS[1]**	**Unit**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
1,1,1,2-Tetrachloroethane	5	µg/L	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA
1,1,1-Trichloroethane (TCA)	5	µg/L	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	2.8 J	< 5.0 U	1.7 J	< 1 U
1,1,2,2-Tetrachloroethane	5	µg/L	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	< 1 U	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 5.0 U	NA	NA	NA	NA	< 1 U
1,1,2-Trichloroethane	1	µg/L	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
1,1-Dichloroethane	5	µg/L	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
1,1-Dichloroethene	5	µg/L	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	2.4 J	< 5.0 U	1.1 J	< 1 U
1,1-Dichloropropene	5	µg/L	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA
1,2,3-Trichlorobenzene	5	µg/L	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
1,2,3-Trichloropropane	0.04	µg/L	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA
1,2,4-Trichlorobenzene	5	µg/L	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
1,2,4-Trimethylbenzene	NSL	µg/L	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA
1,2-Dibromo-3-Chloropropane	0.04	µg/L	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	µg/L	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
1,2-Dichlorobenzene	3	µg/L	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
1,2-Dichloroethane	0.6	µg/L	< 0.5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 0.5 U
1,2-Dichloropropane	1	µg/L	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
1,3,5-Trimethylbenzene (Mesitylene)	NSL	µg/L	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA
1,3-Dichlorobenzene	5	µg/L	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
1,3-Dichloropropane	5	µg/L	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA
1,4-Dichlorobenzene	3	µg/L	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
2,2-Dichloropropane	NSL	µg/L	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA
2-Chlorotoluene	NSL	µg/L	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA
2-Hexanone	50	µg/L	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
4-Chlorotoluene	NSL	µg/L	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA
Acetone	50	µg/L	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 10 U	< 5 U	< 5 U	< 5 U	< 10 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	13
Benzene	1	µg/L	< 0.5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.50 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 0.5 U
Bromobenzene	NSL	µg/L	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA
Bromochloromethane	5	µg/L	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Bromodichloromethane	50	µg/L	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Bromoform	50	µg/L	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Bromomethane	5	µg/L	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Carbon Disulfide	60	µg/L	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Carbon Tetrachloride	5	µg/L	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Chlorobenzene	5	µg/L	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Chloroethane	5	µg/L	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Chloroform	7	µg/L	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Chloromethane (Methyl Chloride)	NSL	µg/L	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Cis-1,2-Dichloroethylene	5	µg/L	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	2.1 J	16	8	20	1.1
Cis-1,3-Dichloropropene	0.4	µg/L	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Cyclohexane	NSL	µg/L	< 1 U	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 5.0 U	NA	NA	NA	NA	< 1 U
Cymene	NSL	µg/L	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA
Dibromochloromethane	50	µg/L	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Dibromofluoromethane	NSL	µg/L	NA	48.238	52.992	NA	NA	NA	NA	NA	NA	NA	49.066	50.542	NA	NA	NA
Dibromomethane	5	µg/L	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA
Dichlorodifluoromethane	5	µg/L	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Ethylbenzene	5	µg/L	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Hexachlorobutadiene	0.5	µg/L	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA
Iodomethane (Methyl Iodide)	NSL	µg/L	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA
Isopropylbenzene (Cumene)	5	µg/L	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Methyl Acetate	NSL	µg/L	< 1 U	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 5.0 U	NA	NA	NA	NA	< 1 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Methylcyclohexane	NSL	µg/L	< 1 U	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 5.0 U	NA	NA	NA	NA	< 1 U
Methylene Chloride	5	µg/L	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
M-P-Xylene	NSL	µg/L	< 1 U	NA	NA	NA	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	NA	NA	NA	< 5.0 U	< 1 U
Naphthalene	10	µg/L	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA
N-Butylbenzene	5	µg/L	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA
N-Propylbenzene	NSL	µg/L	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Sec-Butylbenzene	5	µg/L	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA
Styrene	5	µg/L	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
T-Butylbenzene	5	µg/L	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA
Tert-Butyl Methyl Ether	10	µg/L	< 0.5 U	< 5 U	1.1 J	8	4.6 J	6.8	0.81	0.67	< 0.5 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	1.4 J	0.7
Tetrachloroethylene (PCE)	5	µg/L	1.3	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	6.9	48	95	100	3.7
Toluene	5	µg/L	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Trans-1,2-Dichloroethene	5	µg/L	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Trans-1,3-Dichloropropene	0.4	µg/L	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Trichloroethylene (TCE)	5	µg/L	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	1.1 J	11	7.5	9.5	< 1 U
Trichlorofluoromethane	5	µg/L	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U
Vinyl Acetate	NSL	µg/L	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5.0 U	< 5.0 U	NA
Vinyl Chloride	NSL	µg/L	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	1.2 J	< 5.0 U	2.1 J	< 1 U
Xylenes	5	µg/L	< 1 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 1 U

Notes:
(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.
J = Concentration is estimated.
NA = Not analyzed.
NSL = No screening level available.
U = Analyte not detected.
Concentrations exceeding the screening level are shaded gray.

Table 1. Historical VOC Analytical Results

Location ID			MW-16	MW-16	MW-16	MW-23D	MW-23D	MW-23D	MW-23D	MW-23D	MW-23D	MW-23D	MW-23D	MW-23D	MW-23D	MW-23D	MW-23D
Sample Name			SL-MW-16	SL-MW-16	MW-16	SL-MW-23D	SL-MW-73D	SL-MW-23D	SL-MW-23D	SL-MW-23D	SL-MW-73D	SL-MW-23D	SL-MW-23D	SL-MW-23D	MW-23D	152077-MW-23D-10172023	152077-MW-23D-10182023
Parent Sample ID							MW-23D-20081112				MW-23D_20120821						
Sample Date			3/24/2015	5/11/2016	9/20/2017	11/12/2008	11/12/2008	2/3/2010	5/11/2011	8/21/2012	8/21/2012	11/13/2013	3/25/2015	5/12/2016	9/19/2017	10/17/2023	10/18/2023
Analyte	**NYSDEC AWQS[1]**	**Unit**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
1,1,1,2-Tetrachloroethane	5	µg/L	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane (TCA)	5	µg/L	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1 U	1.1	< 1 U	< 1 U	< 1.0 U	NA
1,1,2,2-Tetrachloroethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 5.0 U	NA
1,1,2-Trichloroethane	1	µg/L	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	NA
1,1-Dichloroethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	NA
1,1-Dichloroethene	5	µg/L	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	1.1	< 1.0 U	NA
1,1-Dichloropropene	5	µg/L	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	5	µg/L	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	NA
1,2,3-Trichloropropane	0.04	µg/L	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	5	µg/L	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	NA
1,2,4-Trimethylbenzene	NSL	µg/L	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-Chloropropane	0.04	µg/L	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2.0 U	NA
1,2-Dibromoethane (Ethylene Dibromide)	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	NA
1,2-Dichlorobenzene	3	µg/L	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	NA
1,2-Dichloroethane	0.6	µg/L	< 0.5 U	< 0.5 U	< 0.5 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 1.0 U	NA
1,2-Dichloropropane	1	µg/L	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	NA
1,3,5-Trimethylbenzene (Mesitylene)	NSL	µg/L	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	5	µg/L	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	NA
1,3-Dichloropropane	5	µg/L	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	3	µg/L	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	NA
2,2-Dichloropropane	NSL	µg/L	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	NSL	µg/L	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA
2-Hexanone	50	µg/L	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5.0 U	NA
4-Chlorotoluene	NSL	µg/L	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA
Acetone	50	µg/L	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	< 10 U	< 5 U	< 5 U	< 5 U	< 10 U	NA
Benzene	1	µg/L	< 0.5 U	< 0.5 U	< 0.5 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.50 U	NA
Bromobenzene	NSL	µg/L	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA
Bromochloromethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	NA
Bromodichloromethane	50	µg/L	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	NA
Bromoform	50	µg/L	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	NA
Bromomethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2.0 U	NA
Carbon Disulfide	60	µg/L	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2.0 U	NA
Carbon Tetrachloride	5	µg/L	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	NA
Chlorobenzene	5	µg/L	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	NA
Chloroethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	NA
Chloroform	7	µg/L	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	1.8	NA
Chloromethane (Methyl Chloride)	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	NA
Cis-1,2-Dichloroethylene	5	µg/L	< 1 U	6.8	7.4	< 5 U	< 5 U	< 5 U	3.0 J	5.5	5.5	10	9.3	9.3	14	< 1.0 U	NA
Cis-1,3-Dichloropropene	0.4	µg/L	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	NA
Cyclohexane	NSL	µg/L	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 5.0 U	NA
Cymene	NSL	µg/L	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA
Dibromochloromethane	50	µg/L	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	NA
Dibromofluoromethane	NSL	µg/L	NA	NA	NA	49.399	46.785	48.68	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromomethane	5	µg/L	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2.0 U	NA
Ethylbenzene	5	µg/L	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	NA
Hexachlorobutadiene	0.5	µg/L	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA
Iodomethane (Methyl Iodide)	NSL	µg/L	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA
Isopropylbenzene (Cumene)	5	µg/L	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	NA
Methyl Acetate	NSL	µg/L	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 5.0 U	NA
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	NA
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5.0 U	NA
Methylcyclohexane	NSL	µg/L	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 5.0 U	NA
Methylene Chloride	5	µg/L	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2.0 U	NA
M-P-Xylene	NSL	µg/L	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	NA
Naphthalene	10	µg/L	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA
N-Butylbenzene	5	µg/L	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA
N-Propylbenzene	NSL	µg/L	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	NA
Sec-Butylbenzene	5	µg/L	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA
Styrene	5	µg/L	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	NA
T-Butylbenzene	5	µg/L	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA
Tert-Butyl Methyl Ether	10	µg/L	< 0.5 U	13	11	< 5 U	< 5 U	< 5 U	< 5.0 U	0.97 J	0.92 J	1.8	1.5	1.1	1.6	< 1.0 U	NA
Tetrachloroethylene (PCE)	5	µg/L	< 1 U	22	23	7.7	7.4	8.3	25	57	53	130	110	170	280	< 1.0 U	NA
Toluene	5	µg/L	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	NA
Trans-1,2-Dichloroethene	5	µg/L	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	NA
Trans-1,3-Dichloropropene	0.4	µg/L	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	NA
Trichloroethylene (TCE)	5	µg/L	< 1 U	3	3.6	< 5 U	< 5 U	< 5 U	1.2 J	2.8 J	2.8 J	5.2	6.2	5	9.8	< 1.0 U	NA
Trichlorofluoromethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2.0 U	NA
Vinyl Acetate	NSL	µg/L	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	NA	NA	NA	NA	NA	NA
Vinyl Chloride	NSL	µg/L	< 1 U	< 1 U	1.2	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	NA
Xylenes	5	µg/L	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U	< 5 U	< 5.0 U	< 5.0 U	< 5.0 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1.0 U	NA

Notes:
(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.
J = Concentration is estimated.
NA = Not analyzed.
NSL = No screening level available.
U = Analyte not detected.
Concentrations exceeding the screening level are shaded gray.

Table 1. Historical VOC Analytical Results

Location ID			MW-23S	MW-23S	MW-23S	MW-23S	MW-23S	MW-23S	MW-23S	MW-23S	MW-23S	MW-23S	MW-23S
Sample Name			SL-MW-23S	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-10182023
Parent Sample ID													
Sample Date			11/12/2008	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	10/18/2023
Analyte	**NYSDEC AWQS[1]**	**Unit**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
1,1,1,2-Tetrachloroethane	5	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane (TCA)	5	µg/L	1.6 J	1.3 J	3.8 J	NA	3.5 J	< 50 U	< 1 U	< 20 U	< 5 U	< 1.0 U	NA
1,1,2,2-Tetrachloroethane	5	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	< 50 U	< 1 U	< 20 U	< 5 U	< 1.0 U	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	NA	NA	NA	NA	NA	< 50 U	< 1 U	< 20 U	< 5 U	< 5.0 U	NA
1,1,2-Trichloroethane	1	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	< 50 U	< 1 U	< 20 U	< 5 U	< 1.0 U	NA
1,1-Dichloroethane	5	µg/L	< 5 U	< 5 U	1.6 J	NA	< 5.0 U	< 50 U	< 1 U	< 20 U	< 5 U	< 1.0 U	NA
1,1-Dichloroethene	5	µg/L	< 5 U	< 5 U	2.5 J	NA	2.2 J	< 50 U	< 1 U	< 20 U	< 5 U	< 1.0 U	NA
1,1-Dichloropropene	5	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	5	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	< 50 U	< 1 U	< 20 U	< 5 U	< 1.0 U	NA
1,2,3-Trichloropropane	0.04	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	5	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	< 50 U	< 1 U	< 20 U	< 5 U	< 1.0 U	NA
1,2,4-Trimethylbenzene	NSL	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-Chloropropane	0.04	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	< 50 U	< 1 U	< 20 U	< 5 U	< 2.0 U	NA
1,2-Dibromoethane (Ethylene Dibromide)	NSL	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	< 50 U	< 1 U	< 20 U	< 5 U	< 1.0 U	NA
1,2-Dichlorobenzene	3	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	< 50 U	< 1 U	< 20 U	< 5 U	< 1.0 U	NA
1,2-Dichloroethane	0.6	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	< 25 U	< 0.5 U	< 10 U	< 2.5 U	< 1.0 U	NA
1,2-Dichloropropane	1	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	< 50 U	< 1 U	< 20 U	< 5 U	< 1.0 U	NA
1,3,5-Trimethylbenzene (Mesitylene)	NSL	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	5	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	< 50 U	< 1 U	< 20 U	< 5 U	< 1.0 U	NA
1,3-Dichloropropane	5	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	3	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	< 50 U	< 1 U	< 20 U	< 5 U	< 1.0 U	NA
2,2-Dichloropropane	NSL	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	NSL	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	NA	NA	NA	NA	NA	NA
2-Hexanone	50	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	< 50 U	< 1 U	< 20 U	< 5 U	< 5.0 U	NA
4-Chlorotoluene	NSL	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	NA	NA	NA	NA	NA	NA
Acetone	50	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	< 500 U	< 5 U	< 100 U	< 25 U	< 10 U	NA
Benzene	1	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	< 25 U	< 0.5 U	< 10 U	< 2.5 U	< 0.50 U	NA
Bromobenzene	NSL	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	NA	NA	NA	NA	NA	NA
Bromochloromethane	5	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	< 50 U	< 1 U	< 20 U	< 5 U	< 1.0 U	NA
Bromodichloromethane	50	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	< 50 U	< 1 U	< 20 U	< 5 U	< 1.0 U	NA
Bromoform	50	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	< 50 U	< 1 U	< 20 U	< 5 U	< 1.0 U	NA
Bromomethane	5	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	< 50 U	< 1 U	< 20 U	< 5 U	< 2.0 U	NA
Carbon Disulfide	60	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	< 50 U	< 1 U	< 20 U	< 5 U	< 2.0 U	NA
Carbon Tetrachloride	5	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	< 50 U	< 1 U	< 20 U	< 5 U	< 1.0 U	NA
Chlorobenzene	5	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	< 50 U	< 1 U	< 20 U	< 5 U	< 1.0 U	NA
Chloroethane	5	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	< 50 U	< 1 U	< 20 U	< 5 U	< 1.0 U	NA
Chloroform	7	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	< 50 U	< 1 U	< 20 U	< 5 U	< 1.0 U	NA
Chloromethane (Methyl Chloride)	NSL	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	< 50 U	< 1 U	< 20 U	< 5 U	< 1.0 U	NA
Cis-1,2-Dichloroethylene	5	µg/L	45	38	83	NA	47	< 50 U	12	< 20 U	15	4.6	NA
Cis-1,3-Dichloropropene	0.4	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	< 50 U	< 1 U	< 20 U	< 5 U	< 1.0 U	NA
Cyclohexane	NSL	µg/L	NA	NA	NA	NA	NA	< 50 U	< 1 U	< 20 U	< 5 U	< 5.0 U	NA
Cymene	NSL	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	NA	NA	NA	NA	NA	NA
Dibromochloromethane	50	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	< 50 U	< 1 U	< 20 U	< 5 U	< 1.0 U	NA
Dibromofluoromethane	NSL	µg/L	47.134	47.455	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromomethane	5	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	5	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	< 50 U	< 1 U	< 20 U	< 5 U	< 2.0 U	NA
Ethylbenzene	5	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	< 50 U	< 1 U	< 20 U	< 5 U	< 1.0 U	NA
Hexachlorobutadiene	0.5	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	NA	NA	NA	NA	NA	NA
Iodomethane (Methyl Iodide)	NSL	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	NA	NA	NA	NA	NA	NA
Isopropylbenzene (Cumene)	5	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	< 50 U	< 1 U	< 20 U	< 5 U	< 1.0 U	NA
Methyl Acetate	NSL	µg/L	NA	NA	NA	NA	NA	< 50 U	< 1 U	< 20 U	< 5 U	< 5.0 U	NA
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	< 50 U	< 1 U	< 20 U	< 5 U	< 10 U	NA
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	< 50 U	< 1 U	< 20 U	< 5 U	< 5.0 U	NA
Methylcyclohexane	NSL	µg/L	NA	NA	NA	NA	NA	< 50 U	< 1 U	< 20 U	< 5 U	< 5.0 U	NA
Methylene Chloride	5	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	< 50 U	< 1 U	< 20 U	< 5 U	< 2.0 U	NA
M-P-Xylene	NSL	µg/L	NA	NA	NA	NA	< 5.0 U	< 50 U	< 1 U	< 20 U	< 5 U	< 1.0 U	NA
Naphthalene	10	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	NA	NA	NA	NA	NA	NA
N-Butylbenzene	5	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	NA	NA	NA	NA	NA	NA
N-Propylbenzene	NSL	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	NA	NA	NA	NA	NA	NA
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	< 50 U	< 1 U	< 20 U	< 5 U	< 1.0 U	NA
Sec-Butylbenzene	5	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	NA	NA	NA	NA	NA	NA
Styrene	5	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	< 50 U	< 1 U	< 20 U	< 5 U	< 1.0 U	NA
T-Butylbenzene	5	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	NA	NA	NA	NA	NA	NA
Tert-Butyl Methyl Ether	10	µg/L	< 5 U	5.4	3.9 J	NA	9.5	< 25 U	2.4	10	< 2.5 U	1.7	NA
Tetrachloroethylene (PCE)	5	µg/L	500 D	590 D	NA	1500 D	1800 D	2500	390	2300	1000	102	NA
Toluene	5	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	< 50 U	< 1 U	< 20 U	< 5 U	< 1.0 U	NA
Trans-1,2-Dichloroethene	5	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	< 50 U	< 1 U	< 20 U	< 5 U	< 1.0 U	NA
Trans-1,3-Dichloropropene	0.4	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	< 50 U	< 1 U	< 20 U	< 5 U	< 1.0 U	NA
Trichloroethylene (TCE)	5	µg/L	18	15	46	NA	28	< 50 U	5.4	< 20 U	8.3	2.5	NA
Trichlorofluoromethane	5	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	< 50 U	< 1 U	< 20 U	< 5 U	< 2.0 U	NA
Vinyl Acetate	NSL	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	NA	NA	NA	NA	NA	NA
Vinyl Chloride	NSL	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	< 50 U	< 1 U	< 20 U	< 5 U	< 1.0 U	NA
Xylenes	5	µg/L	< 5 U	< 5 U	< 5.0 U	NA	< 5.0 U	< 50 U	< 1 U	< 20 U	< 5 U	< 1.0 U	NA

Notes:
(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.
J = Concentration is estimated.
NA = Not analyzed.
NSL = No screening level available.
U = Analyte not detected.
Concentrations exceeding the screening level are shaded gray.

Table 2. Historical Emerging Contaminant Analytical Results

			Location ID	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1
			Sample Name	SL-MW-1	SL-MW-1	SL-MW1	SL-MW-1	SL-MW-51	SL-MW-1	MW-1	152077-MW-01-10162023
			Parent Sample ID					MW-1_20150323			
			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
Analyte	**NYSDEC AWQS[1]**	**Unit**		**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
PFAS(E537M/E1633)											
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	< 7.0 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	< 7.0 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	< 7.0 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	2.6 J
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	< 44 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	< 44 U
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	< 8.7 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	< 7.0 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	< 7.0 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	< 7.0 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	< 1.7 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	1.78 J	0.88 J
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	< 17 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	< 1.7 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	0.980 J	< 1.7 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	< 17 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	< 3.5 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	< 3.5 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	< 3.5 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	< 3.5 U
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	1.36 J	3.4
Perfluorobutanoic Acid	NSL	ng/L		NA	NA	NA	NA	NA	NA	5	7.9
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	0.353 J	< 1.7 U
Perfluorodecanoic acid (PFDA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	0.870 J	< 1.7 U
Perfluorododecanesulfonic acid (PFDoS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	< 1.7 U
Perfluorododecanoic acid (PFDoA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	0.247 J	< 1.7 U
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	0.269 J	< 1.7 U
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	4.32	8
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	4.66	10.6
Perfluorohexanoic acid (PFHxA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	7.26	13.3
Perfluorononanesulfonic Acid (PFNS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	< 1.7 U
Perfluorononanoic acid (PFNA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	1.51 J	2.5
Perfluorooctane Sulfonamide (PFOSA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	< 1.7 U
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L		NA	NA	NA	NA	NA	NA	7.75	22.4
Perfluorooctanoic acid (PFOA)	6.7	ng/L		NA	NA	NA	NA	NA	NA	13.1	58.8
Perfluoropentanesulfonic Acid (PFPeS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	< 1.7 U
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	6.86	9.5
Perfluorotetradecanoic acid (PFTeDA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	< 2.04 U	< 1.7 U
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	< 2.04 U	< 1.7 U
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	0.874 J	< 1.7 U
1,4-Dioxane (SW8270)											
1,4-Dioxane (P-Dioxane)	0.35	µg/L		NA	NA	< 50 U	< 50 U	< 50 U	< 50 U	< 0.12 U	0.0760 J

Notes:
(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.
J = Concentration is estimated.
NA = Not analyzed.
ng/L = Nanogram(s) per liter.
NSL = No screening level available.
U = Analyte not detected.
Concentrations exceeding the screening level are shaded gray.

Table 2. Historical Emerging Contaminant Analytical Results

			Location ID	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-3A
			Sample Name	SL-MW-2	MW-02	SL-MW-2	SL-MW-2	SL-MW2	SL-MW-2	152077-MW-02-10162023	SL-MW-3A
			Parent Sample ID								
			Sample Date	11/14/2008	2/4/2010	5/11/2011	8/22/2012	11/12/2013	3/23/2015	10/16/2023	11/14/2008
Analyte	**NYSDEC AWQS[1]**	**Unit**		**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
PFAS(E537M/E1633)											
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	< 7.0 U	NA
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L		NA	NA	NA	NA	NA	NA	< 7.0 U	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	ng/L		NA	NA	NA	NA	NA	NA	< 7.0 U	NA
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	ng/L		NA	NA	NA	NA	NA	NA	< 7.0 U	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	< 44 U	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	< 44 U	NA
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	< 8.7 U	NA
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	< 7.0 U	NA
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	< 7.0 U	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	< 7.0 U	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	< 1.7 U	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	< 1.7 U	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	ng/L		NA	NA	NA	NA	NA	NA	< 17 U	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	< 1.7 U	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	< 1.7 U	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	ng/L		NA	NA	NA	NA	NA	NA	< 17 U	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	< 3.5 U	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	< 3.5 U	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	< 3.5 U	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	< 3.5 U	NA
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	2.7	NA
Perfluorobutanoic Acid	NSL	ng/L		NA	NA	NA	NA	NA	NA	6.6 J	NA
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	< 1.7 U	NA
Perfluorodecanoic acid (PFDA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	1.6 J	NA
Perfluorododecanesulfonic acid (PFDoS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	< 1.7 U	NA
Perfluorododecanoic acid (PFDoA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	< 1.7 U	NA
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	< 1.7 U	NA
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	7.1	NA
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	1.8	NA
Perfluorohexanoic acid (PFHxA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	12.3	NA
Perfluorononanesulfonic Acid (PFNS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	< 1.7 U	NA
Perfluorononanoic acid (PFNA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	2	NA
Perfluorooctane Sulfonamide (PFOSA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	< 1.7 U	NA
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L		NA	NA	NA	NA	NA	NA	11.2	NA
Perfluorooctanoic acid (PFOA)	6.7	ng/L		NA	NA	NA	NA	NA	NA	14.1	NA
Perfluoropentanesulfonic Acid (PFPeS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	< 1.7 U	NA
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	12.4	NA
Perfluorotetradecanoic acid (PFTeDA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	< 1.7 U	NA
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	< 1.7 U	NA
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	1.0 J	NA
1,4-Dioxane (SW8270)											
1,4-Dioxane (P-Dioxane)	0.35	µg/L		NA	NA	NA	NA	< 50 U	< 50 U	0.0874 J	NA

Notes:
(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.
J = Concentration is estimated.
NA = Not analyzed.
ng/L = Nanogram(s) per liter.
NSL = No screening level available.
U = Analyte not detected.
Concentrations exceeding the screening level are shaded gray.

Table 2. Historical Emerging Contaminant Analytical Results

			Location ID	MW-3A	MW-3A	MW-3A	MW-3A	MW-3A	MW-3A	MW-3A	MW-3A
			Sample Name	SL-MW-3A	SL-MW-3A	SL-MW-3A	SL-MW-3A	SL-MW-3A	SL-MW-3A	MW-3A	MW-3A
			Parent Sample ID								
			Sample Date	2/3/2010	5/11/2011	8/27/2012	11/12/2013	3/23/2015	5/11/2016	9/22/2017	9/28/2017
Analyte	**NYSDEC AWQS[1]**	**Unit**		**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
PFAS(E537M/E1633)											
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	< 2.02 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	< 2.02 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	1.58 J
Perfluorobutanoic Acid	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	6.34
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	< 2.02 U
Perfluorodecanoic acid (PFDA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	0.939 J
Perfluorododecanesulfonic acid (PFDoS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	< 2.02 U
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	0.248 J
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	5.29
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	6.79
Perfluorohexanoic acid (PFHxA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	15.7
Perfluorononanesulfonic Acid (PFNS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	2.17
Perfluorooctane Sulfonamide (PFOSA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L		NA	NA	NA	NA	NA	NA	NA	10.1
Perfluorooctanoic acid (PFOA)	6.7	ng/L		NA	NA	NA	NA	NA	NA	NA	10.7
Perfluoropentanesulfonic Acid (PFPeS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	18.3
Perfluorotetradecanoic acid (PFTeDA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	0.219 J
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	< 2.02 U
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	0.228 J
1,4-Dioxane (SW8270)											
1,4-Dioxane (P-Dioxane)	0.35	µg/L		NA	NA	NA	< 50 U	< 50 U	< 50 U	< 0.12 U	NA

Notes:
(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.
J = Concentration is estimated.
NA = Not analyzed.
ng/L = Nanogram(s) per liter.
NSL = No screening level available.
U = Analyte not detected.
Concentrations exceeding the screening level are shaded gray.

Table 2. Historical Emerging Contaminant Analytical Results

			Location ID	MW-3A	MW-3B	MW-3B	MW-3B	MW-3B	MW-3B	MW-3B	MW-3B
			Sample Name	152077-MW-03A-10162023	SL-MW-3B	MW-3B	SL-MW-3B	SL-MW-3B	SL-MW-3B	SL-MW-53B	SL-MW-3B
			Parent Sample ID							MW-3B-20131112	
			Sample Date	10/16/2023	11/14/2008	2/4/2010	5/11/2011	8/27/2012	11/12/2013	11/12/2013	3/23/2015
Analyte	**NYSDEC AWQS[1]**	**Unit**		**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
PFAS(E537M/E1633)											
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	ng/L		< 7.4 U	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L		< 7.4 U	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	ng/L		< 7.4 U	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	ng/L		< 7.4 U	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	ng/L		< 46 U	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	ng/L		< 46 U	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	ng/L		< 9.3 U	NA	NA	NA	NA	NA	NA	NA
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	ng/L		< 7.4 U	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	ng/L		< 7.4 U	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	ng/L		< 7.4 U	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	ng/L		< 1.9 U	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	ng/L		< 1.9 U	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	ng/L		< 19 U	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	ng/L		< 1.9 U	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L		< 1.9 U	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	ng/L		< 19 U	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	ng/L		< 3.7 U	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	ng/L		< 3.7 U	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	ng/L		< 3.7 U	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	ng/L		< 3.7 U	NA	NA	NA	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L		1.6 J	NA	NA	NA	NA	NA	NA	NA
Perfluorobutanoic Acid	NSL	ng/L		18.2	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L		< 1.9 U	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	NSL	ng/L		< 1.9 U	NA	NA	NA	NA	NA	NA	NA
Perfluorododecanesulfonic acid (PFDoS)	NSL	ng/L		< 1.9 U	NA	NA	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	NSL	ng/L		< 1.9 U	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L		< 1.9 U	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L		8	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L		4.3	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	NSL	ng/L		21.3	NA	NA	NA	NA	NA	NA	NA
Perfluorononanesulfonic Acid (PFNS)	NSL	ng/L		< 1.9 U	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	NSL	ng/L		2.1	NA	NA	NA	NA	NA	NA	NA
Perfluorooctane Sulfonamide (PFOSA)	NSL	ng/L		1.1 J	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L		8.1	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	6.7	ng/L		10.7	NA	NA	NA	NA	NA	NA	NA
Perfluoropentanesulfonic Acid (PFPeS)	NSL	ng/L		< 1.9 U	NA	NA	NA	NA	NA	NA	NA
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L		29.6	NA	NA	NA	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTeDA)	NSL	ng/L		< 1.9 U	NA	NA	NA	NA	NA	NA	NA
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	ng/L		< 1.9 U	NA	NA	NA	NA	NA	NA	NA
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L		< 1.9 U	NA	NA	NA	NA	NA	NA	NA
1,4-Dioxane (SW8270)											
1,4-Dioxane (P-Dioxane)	0.35	µg/L		< 0.10 U	NA	NA	NA	NA	< 50 U	< 50 U	< 50 U

Notes:
(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.
J = Concentration is estimated.
NA = Not analyzed.
ng/L = Nanogram(s) per liter.
NSL = No screening level available.
U = Analyte not detected.
Concentrations exceeding the screening level are shaded gray.

Table 2. Historical Emerging Contaminant Analytical Results

			Location ID	MW-3B	MW-3B	MW-3B	MW-4	MW-4	MW-4	MW-4	MW-4
			Sample Name	SL-MW-3B	MW-3B	152077-MW-03B-10162023	SL-MW-4	MW-04	SL-MW-4	SL-MW-4	SL-MW-4
			Parent Sample ID								
			Sample Date	5/10/2016	9/22/2017	10/16/2023	11/13/2008	2/4/2010	5/12/2011	8/29/2012	11/13/2013
Analyte	**NYSDEC AWQS[1]**	**Unit**		**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
PFAS(E537M/E1633)											
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	ng/L		NA	NA	< 7.0 U	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L		NA	NA	< 7.0 U	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	ng/L		NA	NA	< 7.0 U	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	ng/L		NA	NA	< 7.0 U	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	ng/L		NA	NA	< 43 U	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	ng/L		NA	NA	< 43 U	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	ng/L		NA	NA	< 8.7 U	NA	NA	NA	NA	NA
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	ng/L		NA	NA	< 7.0 U	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	ng/L		NA	NA	< 7.0 U	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	ng/L		NA	NA	< 7.0 U	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	ng/L		NA	NA	< 1.7 U	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	ng/L		NA	0.778 J	< 1.7 U	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	ng/L		NA	NA	< 17 U	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	ng/L		NA	NA	< 1.7 U	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L		NA	< 1.93 U	< 1.7 U	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	ng/L		NA	NA	< 17 U	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	ng/L		NA	NA	< 3.5 U	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	ng/L		NA	NA	< 3.5 U	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	ng/L		NA	NA	< 3.5 U	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	ng/L		NA	NA	< 3.5 U	NA	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L		NA	1.55 J	2.7	NA	NA	NA	NA	NA
Perfluorobutanoic Acid	NSL	ng/L		NA	9.77	11.5	NA	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L		NA	< 1.93 U	< 1.7 U	NA	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	NSL	ng/L		NA	0.669 J	< 1.7 U	NA	NA	NA	NA	NA
Perfluorododecanesulfonic acid (PFDoS)	NSL	ng/L		NA	NA	< 1.7 U	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	NSL	ng/L		NA	< 1.93 U	< 1.7 U	NA	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L		NA	0.280 J	< 1.7 U	NA	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L		NA	6.45	20.4	NA	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L		NA	4.88	11	NA	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	NSL	ng/L		NA	22.7	49.9	NA	NA	NA	NA	NA
Perfluorononanesulfonic Acid (PFNS)	NSL	ng/L		NA	NA	< 1.7 U	NA	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	NSL	ng/L		NA	2.16	2	NA	NA	NA	NA	NA
Perfluorooctane Sulfonamide (PFOSA)	NSL	ng/L		NA	NA	< 1.7 U	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L		NA	12.4	11.3	NA	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	6.7	ng/L		NA	13.5	47.6	NA	NA	NA	NA	NA
Perfluoropentanesulfonic Acid (PFPeS)	NSL	ng/L		NA	NA	< 1.7 U	NA	NA	NA	NA	NA
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L		NA	23.3	40	NA	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTeDA)	NSL	ng/L		NA	< 1.93 U	< 1.7 U	NA	NA	NA	NA	NA
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	ng/L		NA	< 1.93 U	< 1.7 U	NA	NA	NA	NA	NA
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L		NA	0.351 J	< 1.7 U	NA	NA	NA	NA	NA
1,4-Dioxane (SW8270)											
1,4-Dioxane (P-Dioxane)	0.35	µg/L		< 50 U	< 0.12 U	0.0661 J	NA	NA	NA	NA	< 50 U

Notes:
(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.
J = Concentration is estimated.
NA = Not analyzed.
ng/L = Nanogram(s) per liter.
NSL = No screening level available.
U = Analyte not detected.
Concentrations exceeding the screening level are shaded gray.

Table 2. Historical Emerging Contaminant Analytical Results

			Location ID	MW-4	MW-4	MW-4	MW-5	MW-5	MW-5	MW-5	MW-5
			Sample Name	SL-MW-4	MW-4	152077-MW-04-10172023	SL-MW-5	MW-05	SL-MW-5	SL-MW-5	SL-MW-5
			Parent Sample ID								
			Sample Date	5/12/2016	9/19/2017	10/17/2023	11/13/2008	2/4/2010	5/12/2011	8/29/2012	3/24/2015
Analyte	**NYSDEC AWQS[1]**	**Unit**		**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
PFAS(E537M/E1633)											
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	ng/L		NA	NA	< 7.0 U	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L		NA	NA	< 7.0 U	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	ng/L		NA	NA	< 7.0 U	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	ng/L		NA	NA	< 7.0 U	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	ng/L		NA	NA	< 44 U	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	ng/L		NA	NA	< 44 U	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	ng/L		NA	NA	< 8.7 U	NA	NA	NA	NA	NA
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	ng/L		NA	NA	< 7.0 U	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	ng/L		NA	NA	< 7.0 U	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	ng/L		NA	NA	< 7.0 U	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	ng/L		NA	NA	< 1.7 U	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	ng/L		NA	< 2.05 U	< 1.7 U	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	ng/L		NA	NA	< 17 U	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	ng/L		NA	NA	< 1.7 U	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L		NA	< 2.05 U	< 1.7 U	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	ng/L		NA	NA	< 17 U	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	ng/L		NA	NA	< 3.5 U	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	ng/L		NA	NA	< 3.5 U	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	ng/L		NA	NA	< 3.5 U	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	ng/L		NA	NA	< 3.5 U	NA	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L		NA	1.80 J	3.2	NA	NA	NA	NA	NA
Perfluorobutanoic Acid	NSL	ng/L		NA	7.09	10	NA	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L		NA	< 2.05 U	< 1.7 U	NA	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	NSL	ng/L		NA	0.810 J	0.89 J	NA	NA	NA	NA	NA
Perfluorododecanesulfonic acid (PFDoS)	NSL	ng/L		NA	NA	< 1.7 U	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	NSL	ng/L		NA	< 2.05 U	< 1.7 U	NA	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L		NA	0.265 J	< 1.7 U	NA	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L		NA	7.5	20.8	NA	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L		NA	3.55	5.5	NA	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	NSL	ng/L		NA	16.8	29.1	NA	NA	NA	NA	NA
Perfluorononanesulfonic Acid (PFNS)	NSL	ng/L		NA	NA	< 1.7 U	NA	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	NSL	ng/L		NA	4.76	1.8	NA	NA	NA	NA	NA
Perfluorooctane Sulfonamide (PFOSA)	NSL	ng/L		NA	NA	< 1.7 U	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L		NA	10.4	11.3	NA	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	6.7	ng/L		NA	11.4	36.5	NA	NA	NA	NA	NA
Perfluoropentanesulfonic Acid (PFPeS)	NSL	ng/L		NA	NA	1.2 J	NA	NA	NA	NA	NA
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L		NA	17.9	23.1	NA	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTeDA)	NSL	ng/L		NA	< 2.05 U	< 1.7 U	NA	NA	NA	NA	NA
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	ng/L		NA	< 2.05 U	< 1.7 U	NA	NA	NA	NA	NA
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L		NA	< 2.05 U	1.4 J	NA	NA	NA	NA	NA
1,4-Dioxane (SW8270)											
1,4-Dioxane (P-Dioxane)	0.35	µg/L		< 50 U	< 0.12 U	0.105	NA	NA	NA	NA	< 50 U

Notes:
(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.
J = Concentration is estimated.
NA = Not analyzed.
ng/L = Nanogram(s) per liter.
NSL = No screening level available.
U = Analyte not detected.
Concentrations exceeding the screening level are shaded gray.

Table 2. Historical Emerging Contaminant Analytical Results

			Location ID	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A
			Sample Name	SL-MW-6A	MW-6A	SL-MW-6A	SL-MW-6A	SL-MW-6A	SL-MW-6A	SL-MW-56A	SL-MW-6A
			Parent Sample ID							MW-6A_20160510	
			Sample Date	11/13/2008	2/4/2010	5/12/2011	8/27/2012	11/13/2013	3/24/2015	5/10/2016	5/10/2016
Analyte	**NYSDEC AWQS[1]**	**Unit**		**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
PFAS(E537M/E1633)											
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorobutanoic Acid	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorododecanesulfonic acid (PFDoS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanesulfonic Acid (PFNS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctane Sulfonamide (PFOSA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	6.7	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluoropentanesulfonic Acid (PFPeS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTeDA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dioxane (SW8270)											
1,4-Dioxane (P-Dioxane)	0.35	µg/L		NA	NA	NA	NA	< 50 U	< 50 U	< 50 U	< 50 U

Notes:
(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.
J = Concentration is estimated.
NA = Not analyzed.
ng/L = Nanogram(s) per liter.
NSL = No screening level available.
U = Analyte not detected.
Concentrations exceeding the screening level are shaded gray.

Table 2. Historical Emerging Contaminant Analytical Results

			Location ID	MW-6A	MW-6A	MW-6B	MW-6B	MW-6B	MW-6B	MW-6B	MW-6B
			Sample Name	MW-6A	152077-MW-06A-10172023	SL-MW-6B	MW-6B	SL-MW-6B	SL-MW-6B	SL-MW-6B	SL-MW-6B
			Parent Sample ID								
			Sample Date	9/19/2017	10/17/2023	11/13/2008	2/4/2010	5/12/2011	8/27/2012	11/13/2013	3/24/2015
Analyte	**NYSDEC AWQS[1]**	**Unit**		**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
PFAS(E537M/E1633)											
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	ng/L		NA	< 7.4 U	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L		NA	< 7.4 U	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	ng/L		NA	< 7.4 U	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	ng/L		NA	< 7.4 U	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	ng/L		NA	< 46 U	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	ng/L		NA	< 46 U	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	ng/L		NA	< 9.2 U	NA	NA	NA	NA	NA	NA
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	ng/L		NA	< 7.4 U	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	ng/L		NA	< 7.4 U	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	ng/L		NA	< 7.4 U	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	ng/L		NA	< 1.8 U	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	ng/L		< 2.04 U	< 1.8 U	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	ng/L		NA	< 18 U	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	ng/L		NA	< 1.8 U	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L		16.7	0.70 J	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	ng/L		NA	< 18 U	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	ng/L		NA	< 3.7 U	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	ng/L		NA	< 3.7 U	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	ng/L		NA	< 3.7 U	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	ng/L		NA	< 3.7 U	NA	NA	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L		8.55	1.5 J	NA	NA	NA	NA	NA	NA
Perfluorobutanoic Acid	NSL	ng/L		3.94	4.5 J	NA	NA	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L		< 2.04 U	< 1.8 U	NA	NA	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	NSL	ng/L		2.23	0.65 J	NA	NA	NA	NA	NA	NA
Perfluorododecanesulfonic acid (PFDoS)	NSL	ng/L		NA	< 1.8 U	NA	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	NSL	ng/L		< 2.04 U	< 1.8 U	NA	NA	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L		5.12	< 1.8 U	NA	NA	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L		21.6	5.8	NA	NA	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L		20.3	2.8	NA	NA	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	NSL	ng/L		13	12.5	NA	NA	NA	NA	NA	NA
Perfluorononanesulfonic Acid (PFNS)	NSL	ng/L		NA	< 1.8 U	NA	NA	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	NSL	ng/L		8.96	1.8	NA	NA	NA	NA	NA	NA
Perfluorooctane Sulfonamide (PFOSA)	NSL	ng/L		NA	< 1.8 U	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L		150	11.3	NA	NA	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	6.7	ng/L		83.1	7.1	NA	NA	NA	NA	NA	NA
Perfluoropentanesulfonic Acid (PFPeS)	NSL	ng/L		NA	< 1.8 U	NA	NA	NA	NA	NA	NA
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L		7.57	11.2	NA	NA	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTeDA)	NSL	ng/L		< 2.04 U	< 1.8 U	NA	NA	NA	NA	NA	NA
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	ng/L		< 2.04 U	< 1.8 U	NA	NA	NA	NA	NA	NA
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L		0.369 J	< 1.8 U	NA	NA	NA	NA	NA	NA
1,4-Dioxane (SW8270)											
1,4-Dioxane (P-Dioxane)	0.35	µg/L		< 0.13 U	< 0.10 U	NA	NA	NA	NA	< 1000 U	< 500 U

Notes:
(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.
J = Concentration is estimated.
NA = Not analyzed.
ng/L = Nanogram(s) per liter.
NSL = No screening level available.
U = Analyte not detected.
Concentrations exceeding the screening level are shaded gray.

Table 2. Historical Emerging Contaminant Analytical Results

			Location ID	MW-6B	MW-6B	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11
			Sample Name	SL-MW-6B	MW-6B	SL-MW-11	SL-MW-11	MW-11	152077-MW-11-10172023	152077-MW-11D-10172023	152077-MS-10172023
			Parent Sample ID							152077-MW-11-20231017	
			Sample Date	5/10/2016	9/19/2017	11/11/2008	5/9/2016	9/21/2017	10/17/2023	10/17/2023	10/17/2023
Analyte	**NYSDEC AWQS[1]**	**Unit**		**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
PFAS(E537M/E1633)											
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	ng/L		NA	NA	NA	NA	NA	< 7.3 U	< 7.3 U	NA
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L		NA	NA	NA	NA	NA	2.0 J	5.6 J	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	ng/L		NA	NA	NA	NA	NA	< 7.3 U	< 7.3 U	NA
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	ng/L		NA	NA	NA	NA	NA	1.9 J	2.5 J	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	ng/L		NA	NA	NA	NA	NA	< 45 U	< 46 U	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	ng/L		NA	NA	NA	NA	NA	< 45 U	< 46 U	NA
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	ng/L		NA	NA	NA	NA	NA	< 9.1 U	< 9.1 U	NA
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	ng/L		NA	NA	NA	NA	NA	< 7.3 U	< 7.3 U	NA
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	ng/L		NA	NA	NA	NA	NA	< 7.3 U	< 7.3 U	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	ng/L		NA	NA	NA	NA	NA	< 7.3 U	< 7.3 U	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	ng/L		NA	NA	NA	NA	NA	< 1.8 U	< 1.8 U	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	ng/L		NA	< 1.98 U	NA	NA	< 2.02 U	< 1.8 U	< 1.8 U	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	ng/L		NA	NA	NA	NA	NA	< 18 U	< 18 U	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	ng/L		NA	NA	NA	NA	NA	< 1.8 U	< 1.8 U	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L		NA	< 1.98 U	NA	NA	< 2.02 U	< 1.8 U	< 1.8 U	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	ng/L		NA	NA	NA	NA	NA	< 18 U	< 18 U	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	ng/L		NA	NA	NA	NA	NA	< 3.6 U	< 3.6 U	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	ng/L		NA	NA	NA	NA	NA	< 3.6 U	< 3.6 U	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	ng/L		NA	NA	NA	NA	NA	< 3.6 U	< 3.6 U	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	ng/L		NA	NA	NA	NA	NA	< 3.6 U	< 3.6 U	NA
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L		NA	1.20 J	NA	NA	< 2.02 U	2.5	< 1.8 U	NA
Perfluorobutanoic Acid	NSL	ng/L		NA	5.71	NA	NA	4.65	4.2 J	4.1 J	NA
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L		NA	< 1.98 U	NA	NA	< 2.02 U	< 1.8 U	< 1.8 U	NA
Perfluorodecanoic acid (PFDA)	NSL	ng/L		NA	0.816 J	NA	NA	< 2.02 U	1.0 J	< 1.8 U	NA
Perfluorododecanesulfonic acid (PFDoS)	NSL	ng/L		NA	NA	NA	NA	NA	< 1.8 U	< 1.8 U	NA
Perfluorododecanoic acid (PFDoA)	NSL	ng/L		NA	< 1.98 U	NA	NA	< 2.02 U	< 1.8 U	< 1.8 U	NA
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L		NA	0.314 J	NA	NA	0.788 J	0.89 J	< 1.8 U	NA
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L		NA	3.93	NA	NA	5.25	5.1	4.2	NA
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L		NA	2.48	NA	NA	13.4	4.8	4.4	NA
Perfluorohexanoic acid (PFHxA)	NSL	ng/L		NA	10.3	NA	NA	10.4	6.6	7.4	NA
Perfluorononanesulfonic Acid (PFNS)	NSL	ng/L		NA	NA	NA	NA	NA	< 1.8 U	< 1.8 U	NA
Perfluorononanoic acid (PFNA)	NSL	ng/L		NA	1.77 J	NA	NA	4.09	2.5	3	NA
Perfluorooctane Sulfonamide (PFOSA)	NSL	ng/L		NA	NA	NA	NA	NA	< 1.8 U	< 1.8 U	NA
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L		NA	11.1	NA	NA	35.2	24.1	24.5	NA
Perfluorooctanoic acid (PFOA)	6.7	ng/L		NA	10.1	NA	NA	20.6	13.2	12.9	NA
Perfluoropentanesulfonic Acid (PFPeS)	NSL	ng/L		NA	NA	NA	NA	NA	2.8	< 1.8 U	NA
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L		NA	14.6	NA	NA	3.29	< 3.6 U	< 3.6 U	NA
Perfluorotetradecanoic acid (PFTeDA)	NSL	ng/L		NA	< 1.98 U	NA	NA	< 2.02 U	< 1.8 U	< 1.8 U	NA
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	ng/L		NA	< 1.98 U	NA	NA	< 2.02 U	< 1.8 U	< 1.8 U	NA
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L		NA	< 1.98 U	NA	NA	< 2.02 U	< 1.8 U	< 1.8 U	NA
1,4-Dioxane (SW8270)											
1,4-Dioxane (P-Dioxane)	0.35	µg/L		< 50 U	< 0.13 U	NA	< 50 U	1.6	1.4	1.28	1.28

Notes:
(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.
J = Concentration is estimated.
NA = Not analyzed.
ng/L = Nanogram(s) per liter.
NSL = No screening level available.
U = Analyte not detected.
Concentrations exceeding the screening level are shaded gray.

Table 2. Historical Emerging Contaminant Analytical Results

			Location ID	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12
			Sample Name	SL-MW-12	SL-MW-12	SL-MW-12	SL-MW-62	SL-MW-12	SL-MW-12	SL-MW-12	SL-MW-12
			Parent Sample ID				SL-MW-12-20110510				
			Sample Date	11/12/2008	2/2/2010	5/10/2011	5/10/2011	8/22/2012	11/14/2013	3/24/2015	5/11/2016
Analyte	**NYSDEC AWQS[1]**	**Unit**		**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
PFAS(E537M/E1633)											
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorobutanoic Acid	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorododecanesulfonic acid (PFDoS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanesulfonic Acid (PFNS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctane Sulfonamide (PFOSA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	6.7	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluoropentanesulfonic Acid (PFPeS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTeDA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dioxane (SW8270)											
1,4-Dioxane (P-Dioxane)	0.35	µg/L		NA	NA	NA	NA	NA	< 50 U	< 50 U	< 50 U

Notes:
(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.
J = Concentration is estimated.
NA = Not analyzed.
ng/L = Nanogram(s) per liter.
NSL = No screening level available.
U = Analyte not detected.
Concentrations exceeding the screening level are shaded gray.

Table 2. Historical Emerging Contaminant Analytical Results

			Location ID	MW-12	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13
			Sample Name	152077-MW-12-10182023	SL-MW-13	SL-MW-13	SL-MW-63	SL-MW-13	SL-MW-13	SL-MW-13	SL-MW-13
			Parent Sample ID				MW-13-20100202				
			Sample Date	10/18/2023	11/12/2008	2/2/2010	2/2/2010	5/10/2011	8/21/2012	11/14/2013	3/24/2015
Analyte	**NYSDEC AWQS[1]**	**Unit**		**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
PFAS(E537M/E1633)											
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	ng/L		< 7.3 U	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L		< 7.3 U	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	ng/L		< 7.3 U	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	ng/L		1.3 J	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	ng/L		< 46 U	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	ng/L		< 46 U	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	ng/L		< 9.2 U	NA	NA	NA	NA	NA	NA	NA
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	ng/L		< 7.3 U	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	ng/L		< 7.3 U	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	ng/L		< 7.3 U	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	ng/L		< 1.8 U	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	ng/L		< 1.8 U	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	ng/L		< 18 U	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	ng/L		< 1.8 U	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L		1.6 J	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	ng/L		< 18 U	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	ng/L		< 3.7 U	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	ng/L		< 3.7 U	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	ng/L		< 3.7 U	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	ng/L		< 3.7 U	NA	NA	NA	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L		4.5	NA	NA	NA	NA	NA	NA	NA
Perfluorobutanoic Acid	NSL	ng/L		5.2 J	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L		< 1.8 U	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	NSL	ng/L		0.77 J	NA	NA	NA	NA	NA	NA	NA
Perfluorododecanesulfonic acid (PFDoS)	NSL	ng/L		< 1.8 U	NA	NA	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	NSL	ng/L		< 1.8 U	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L		< 1.8 U	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L		4.2	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L		4.9	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	NSL	ng/L		8.9	NA	NA	NA	NA	NA	NA	NA
Perfluorononanesulfonic Acid (PFNS)	NSL	ng/L		< 1.8 U	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	NSL	ng/L		1.7 J	NA	NA	NA	NA	NA	NA	NA
Perfluorooctane Sulfonamide (PFOSA)	NSL	ng/L		2	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L		24	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	6.7	ng/L		12.4	NA	NA	NA	NA	NA	NA	NA
Perfluoropentanesulfonic Acid (PFPeS)	NSL	ng/L		< 1.8 U	NA	NA	NA	NA	NA	NA	NA
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L		10.5	NA	NA	NA	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTeDA)	NSL	ng/L		< 1.8 U	NA	NA	NA	NA	NA	NA	NA
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	ng/L		< 1.8 U	NA	NA	NA	NA	NA	NA	NA
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L		< 1.8 U	NA	NA	NA	NA	NA	NA	NA
1,4-Dioxane (SW8270)											
1,4-Dioxane (P-Dioxane)	0.35	µg/L		< 0.095 U	NA	NA	NA	NA	NA	< 50 U	< 50 U

Notes:
(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.
J = Concentration is estimated.
NA = Not analyzed.
ng/L = Nanogram(s) per liter.
NSL = No screening level available.
U = Analyte not detected.
Concentrations exceeding the screening level are shaded gray.

Table 2. Historical Emerging Contaminant Analytical Results

			Location ID	MW-13	MW-13	MW-13	MW-14	MW-14	MW-14	MW-14	MW-14
			Sample Name	SL-MW-13	MW-13	MW-13	SL-MW-14	SL-MW-14	SL-MW-14	SL-MW-14	SL-MW-14
			Parent Sample ID								
			Sample Date	5/11/2016	9/20/2017	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**
PFAS(E537M/E1633)											
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	ng/L		NA	< 2.03 U	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L		NA	< 2.03 U	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L		NA	0.883 J	NA	NA	NA	NA	NA	NA
Perfluorobutanoic Acid	NSL	ng/L		NA	4.27	NA	NA	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L		NA	< 2.03 U	NA	NA	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	NSL	ng/L		NA	0.322 J	NA	NA	NA	NA	NA	NA
Perfluorododecanesulfonic acid (PFDoS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	NSL	ng/L		NA	< 2.03 U	NA	NA	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L		NA	0.244 J	NA	NA	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L		NA	5.09	NA	NA	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L		NA	3.57	NA	NA	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	NSL	ng/L		NA	7.8	NA	NA	NA	NA	NA	NA
Perfluorononanesulfonic Acid (PFNS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	NSL	ng/L		NA	1.94 J	NA	NA	NA	NA	NA	NA
Perfluorooctane Sulfonamide (PFOSA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L		NA	16.5	NA	NA	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	6.7	ng/L		NA	11.9	NA	NA	NA	NA	NA	NA
Perfluoropentanesulfonic Acid (PFPeS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L		NA	9.89	NA	NA	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTeDA)	NSL	ng/L		NA	< 2.03 U	NA	NA	NA	NA	NA	NA
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	ng/L		NA	< 2.03 U	NA	NA	NA	NA	NA	NA
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L		NA	< 2.03 U	NA	NA	NA	NA	NA	NA
1,4-Dioxane (SW8270)											
1,4-Dioxane (P-Dioxane)	0.35	µg/L		< 50 U	< 0.12 U	NA	NA	NA	NA	NA	< 50 U

Notes:
(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.
J = Concentration is estimated.
NA = Not analyzed.
ng/L = Nanogram(s) per liter.
NSL = No screening level available.
U = Analyte not detected.
Concentrations exceeding the screening level are shaded gray.

Table 2. Historical Emerging Contaminant Analytical Results

			Location ID	MW-14	MW-14	MW-14	MW-14	MW-16	MW-16	MW-16	MW-16
			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
			Parent Sample ID								
			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
Analyte	**NYSDEC AWQS[1]**	**Unit**		**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
PFAS(E537M/E1633)											
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	ng/L		NA	NA	NA	< 7.7 U	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L		NA	NA	NA	2.3 J	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	ng/L		NA	NA	NA	< 7.7 U	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	ng/L		NA	NA	NA	1.1 J	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	ng/L		NA	NA	NA	< 48 U	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	ng/L		NA	NA	NA	< 48 U	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	ng/L		NA	NA	NA	< 9.7 U	NA	NA	NA	NA
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	ng/L		NA	NA	NA	< 7.7 U	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	ng/L		NA	NA	NA	< 7.7 U	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	ng/L		NA	NA	NA	< 7.7 U	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	ng/L		NA	NA	NA	< 1.9 U	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	ng/L		NA	NA	< 2.18 U	1.1 J	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	ng/L		NA	NA	NA	< 19 U	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	ng/L		NA	NA	NA	< 1.9 U	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L		NA	NA	< 2.18 U	0.89 J	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	ng/L		NA	NA	NA	< 19 U	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	ng/L		NA	NA	NA	< 3.9 U	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	ng/L		NA	NA	NA	< 3.9 U	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	ng/L		NA	NA	NA	< 3.9 U	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	ng/L		NA	NA	NA	< 3.9 U	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L		NA	NA	< 2.18 U	0.72 J	NA	NA	NA	NA
Perfluorobutanoic Acid	NSL	ng/L		NA	NA	3.2	3.0 J	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L		NA	NA	< 2.18 U	< 1.9 U	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	NSL	ng/L		NA	NA	1.23 J	0.86 J	NA	NA	NA	NA
Perfluorododecanesulfonic acid (PFDoS)	NSL	ng/L		NA	NA	NA	< 1.9 U	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	NSL	ng/L		NA	NA	< 2.18 U	< 1.9 U	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L		NA	NA	0.552 J	< 1.9 U	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L		NA	NA	4.39	5.2	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L		NA	NA	6.25	3.6	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	NSL	ng/L		NA	NA	6.48	5.5	NA	NA	NA	NA
Perfluorononanesulfonic Acid (PFNS)	NSL	ng/L		NA	NA	NA	< 1.9 U	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	NSL	ng/L		NA	NA	8.47	3	NA	NA	NA	NA
Perfluorooctane Sulfonamide (PFOSA)	NSL	ng/L		NA	NA	NA	< 1.9 U	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L		NA	NA	39.4	14.3	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	6.7	ng/L		NA	NA	18.7	8.6	NA	NA	NA	NA
Perfluoropentanesulfonic Acid (PFPeS)	NSL	ng/L		NA	NA	NA	< 1.9 U	NA	NA	NA	NA
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L		NA	NA	< 2.18 U	4.1	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTeDA)	NSL	ng/L		NA	NA	< 2.18 U	< 1.9 U	NA	NA	NA	NA
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	ng/L		NA	NA	< 2.18 U	< 1.9 U	NA	NA	NA	NA
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L		NA	NA	< 2.18 U	< 1.9 U	NA	NA	NA	NA
1,4-Dioxane (SW8270)											
1,4-Dioxane (P-Dioxane)	0.35	µg/L		< 50 U	< 50 U	1.7	0.972	NA	NA	NA	NA

Notes:
(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.
J = Concentration is estimated.
NA = Not analyzed.
ng/L = Nanogram(s) per liter.
NSL = No screening level available.
U = Analyte not detected.
Concentrations exceeding the screening level are shaded gray.

Table 2. Historical Emerging Contaminant Analytical Results

			Location ID	MW-16	MW-16	MW-16	MW-16	MW-23D	MW-23D	MW-23D	MW-23D
			Sample Name	SL-MW-16	SL-MW-16	SL-MW-16	MW-16	SL-MW-23D	SL-MW-73D	SL-MW-23D	SL-MW-23D
			Parent Sample ID						MW-23D-20081112		
			Sample Date	11/12/2013	3/24/2015	5/11/2016	9/20/2017	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**
PFAS(E537M/E1633)											
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	ng/L		NA	NA	NA	< 2.04 U	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L		NA	NA	NA	< 2.04 U	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L		NA	NA	NA	< 2.04 U	NA	NA	NA	NA
Perfluorobutanoic Acid	NSL	ng/L		NA	NA	NA	4.48	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L		NA	NA	NA	< 2.04 U	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	NSL	ng/L		NA	NA	NA	1.08 J	NA	NA	NA	NA
Perfluorododecanesulfonic acid (PFDoS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	NSL	ng/L		NA	NA	NA	< 2.04 U	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L		NA	NA	NA	0.499 J	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L		NA	NA	NA	4.18	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L		NA	NA	NA	10.9	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	NSL	ng/L		NA	NA	NA	9.59	NA	NA	NA	NA
Perfluorononanesulfonic Acid (PFNS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	NSL	ng/L		NA	NA	NA	2.38	NA	NA	NA	NA
Perfluorooctane Sulfonamide (PFOSA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L		NA	NA	NA	20.8	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	6.7	ng/L		NA	NA	NA	17.2	NA	NA	NA	NA
Perfluoropentanesulfonic Acid (PFPeS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L		NA	NA	NA	4.18	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTeDA)	NSL	ng/L		NA	NA	NA	< 2.04 U	NA	NA	NA	NA
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	ng/L		NA	NA	NA	< 2.04 U	NA	NA	NA	NA
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L		NA	NA	NA	< 2.04 U	NA	NA	NA	NA
1,4-Dioxane (SW8270)											
1,4-Dioxane (P-Dioxane)	0.35	µg/L		< 50 U	< 50 U	< 50 U	2	NA	NA	NA	NA

Notes:
(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.
J = Concentration is estimated.
NA = Not analyzed.
ng/L = Nanogram(s) per liter.
NSL = No screening level available.
U = Analyte not detected.
Concentrations exceeding the screening level are shaded gray.

Table 2. Historical Emerging Contaminant Analytical Results

			Location ID	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-10182023
			Parent Sample ID		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	10/18/2023
Analyte	**NYSDEC AWQS[1]**	**Unit**		**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
PFAS(E537M/E1633)											
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	< 7.0 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	< 7.0 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	< 7.0 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	< 7.0 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	< 43 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	< 43 U
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	< 8.7 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	< 7.0 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	< 7.0 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	< 7.0 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	< 1.7 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	ng/L		NA	NA	NA	NA	NA	< 1.95 U	NA	< 1.7 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	< 17 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	< 1.7 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L		NA	NA	NA	NA	NA	< 1.95 U	NA	< 1.7 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	< 17 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	< 3.5 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	< 3.5 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	< 3.5 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	< 3.5 U
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L		NA	NA	NA	NA	NA	1.44 J	NA	2.4
Perfluorobutanoic Acid	NSL	ng/L		NA	NA	NA	NA	NA	4.16	NA	3.6 J
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L		NA	NA	NA	NA	NA	< 1.95 U	NA	1.6 J
Perfluorodecanoic acid (PFDA)	NSL	ng/L		NA	NA	NA	NA	NA	0.852 J	NA	0.72 J
Perfluorododecanesulfonic acid (PFDoS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	< 1.7 U
Perfluorododecanoic acid (PFDoA)	NSL	ng/L		NA	NA	NA	NA	NA	< 1.95 U	NA	< 1.7 U
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L		NA	NA	NA	NA	NA	0.416 J	NA	< 1.7 U
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L		NA	NA	NA	NA	NA	2.54	NA	2.8
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L		NA	NA	NA	NA	NA	3.97	NA	2
Perfluorohexanoic acid (PFHxA)	NSL	ng/L		NA	NA	NA	NA	NA	4.59	NA	8.7
Perfluorononanesulfonic Acid (PFNS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	< 1.7 U
Perfluorononanoic acid (PFNA)	NSL	ng/L		NA	NA	NA	NA	NA	2.12	NA	3.7
Perfluorooctane Sulfonamide (PFOSA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	5.8
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L		NA	NA	NA	NA	NA	30	NA	25
Perfluorooctanoic acid (PFOA)	6.7	ng/L		NA	NA	NA	NA	NA	9.4	NA	9.2
Perfluoropentanesulfonic Acid (PFPeS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	< 1.7 U
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L		NA	NA	NA	NA	NA	4.56	NA	12
Perfluorotetradecanoic acid (PFTeDA)	NSL	ng/L		NA	NA	NA	NA	NA	< 1.95 U	NA	< 1.7 U
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	ng/L		NA	NA	NA	NA	NA	< 1.95 U	NA	< 1.7 U
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L		NA	NA	NA	NA	NA	< 1.95 U	NA	< 1.7 U
1,4-Dioxane (SW8270)											
1,4-Dioxane (P-Dioxane)	0.35	µg/L		NA	NA	< 50 U	< 50 U	< 50 U	0.99	< 0.10 U	NA

Notes:
(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.
J = Concentration is estimated.
NA = Not analyzed.
ng/L = Nanogram(s) per liter.
NSL = No screening level available.
U = Analyte not detected.
Concentrations exceeding the screening level are shaded gray.

Table 2. Historical Emerging Contaminant Analytical Results

			Location ID	MW-23S	MW-23S	MW-23S	MW-23S	MW-23S	MW-23S	MW-23S	MW-23S
			Sample Name	SL-MW-23S	SL-MW-23S	SL-MW-23S	SL-MW-23SDL	SL-MW-23S	SL-MW-23S	SL-MW-23S	SL-MW-23S
			Parent Sample ID								
			Sample Date	11/12/2008	2/3/2010	5/11/2011	5/11/2011	8/21/2012	11/13/2013	3/25/2015	5/12/2016
Analyte	**NYSDEC AWQS[1]**	**Unit**		**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
PFAS(E537M/E1633)											
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorobutanoic Acid	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorododecanesulfonic acid (PFDoS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanesulfonic Acid (PFNS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctane Sulfonamide (PFOSA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	6.7	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluoropentanesulfonic Acid (PFPeS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTeDA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dioxane (SW8270)											
1,4-Dioxane (P-Dioxane)	0.35	µg/L		NA	NA	NA	NA	NA	< 2500 U	< 50 U	< 1000 U

Notes:
(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.
J = Concentration is estimated.
NA = Not analyzed.
ng/L = Nanogram(s) per liter.
NSL = No screening level available.
U = Analyte not detected.
Concentrations exceeding the screening level are shaded gray.

Table 2. Historical Emerging Contaminant Analytical Results

		Location ID	MW-23S	MW-23S	MW-23S
		Sample Name	MW-23S	152077-MW-23S-10172023	152077-MW-23S-10182023
		Parent Sample ID			
		Sample Date	9/19/2017	10/17/2023	10/18/2023
Analyte	**NYSDEC AWQS[1]**	**Unit**	**Result**	**Result**	**Result**
PFAS(E537M/E1633)					
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NSL	ng/L	NA	NA	< 7.1 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L	NA	NA	< 7.1 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NSL	ng/L	NA	NA	< 7.1 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	ng/L	NA	NA	< 7.1 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NSL	ng/L	NA	NA	< 44 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	NSL	ng/L	NA	NA	< 44 U
3-Perfluoropropyl propanoic acid (3:3 FTCA)	NSL	ng/L	NA	NA	< 8.8 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NSL	ng/L	NA	NA	< 7.1 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	NSL	ng/L	NA	NA	< 7.1 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NSL	ng/L	NA	NA	< 7.1 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NSL	ng/L	NA	NA	< 1.8 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NSL	ng/L	< 2.10 U	NA	< 1.8 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	NSL	ng/L	NA	NA	< 18 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NSL	ng/L	NA	NA	< 1.8 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L	< 2.10 U	NA	2.5
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	NSL	ng/L	NA	NA	< 18 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NSL	ng/L	NA	NA	< 3.5 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NSL	ng/L	NA	NA	< 3.5 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	NSL	ng/L	NA	NA	< 3.5 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	NSL	ng/L	NA	NA	< 3.5 U
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L	1.69 J	NA	1.8
Perfluorobutanoic Acid	NSL	ng/L	7.94	NA	3.4 J
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L	< 2.10 U	NA	< 1.8 U
Perfluorodecanoic acid (PFDA)	NSL	ng/L	0.441 J	NA	< 1.8 U
Perfluorododecanesulfonic acid (PFDoS)	NSL	ng/L	NA	NA	< 1.8 U
Perfluorododecanoic acid (PFDoA)	NSL	ng/L	< 2.10 U	NA	< 1.8 U
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L	1.00 J	NA	0.89 J
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L	4.55	NA	3.5
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L	8.79	NA	9.8
Perfluorohexanoic acid (PFHxA)	NSL	ng/L	8.29	NA	6
Perfluorononanesulfonic Acid (PFNS)	NSL	ng/L	NA	NA	< 1.8 U
Perfluorononanoic acid (PFNA)	NSL	ng/L	1.53 J	NA	1.2 J
Perfluorooctane Sulfonamide (PFOSA)	NSL	ng/L	NA	NA	< 1.8 U
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L	32.2	NA	17.3
Perfluorooctanoic acid (PFOA)	6.7	ng/L	16.9	NA	13.1
Perfluoropentanesulfonic Acid (PFPeS)	NSL	ng/L	NA	NA	1.4 J
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L	6.43	NA	5.8
Perfluorotetradecanoic acid (PFTeDA)	NSL	ng/L	< 2.10 U	NA	< 1.8 U
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	ng/L	< 2.10 U	NA	< 1.8 U
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L	< 2.10 U	NA	< 1.8 U
1,4-Dioxane (SW8270)					
1,4-Dioxane (P-Dioxane)	0.35	µg/L	< 0.12 U	0.256	NA

Notes:
(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.
J = Concentration is estimated.
NA = Not analyzed.
ng/L = Nanogram(s) per liter.
NSL = No screening level available.
U = Analyte not detected.
Concentrations exceeding the screening level are shaded gray.

Figures

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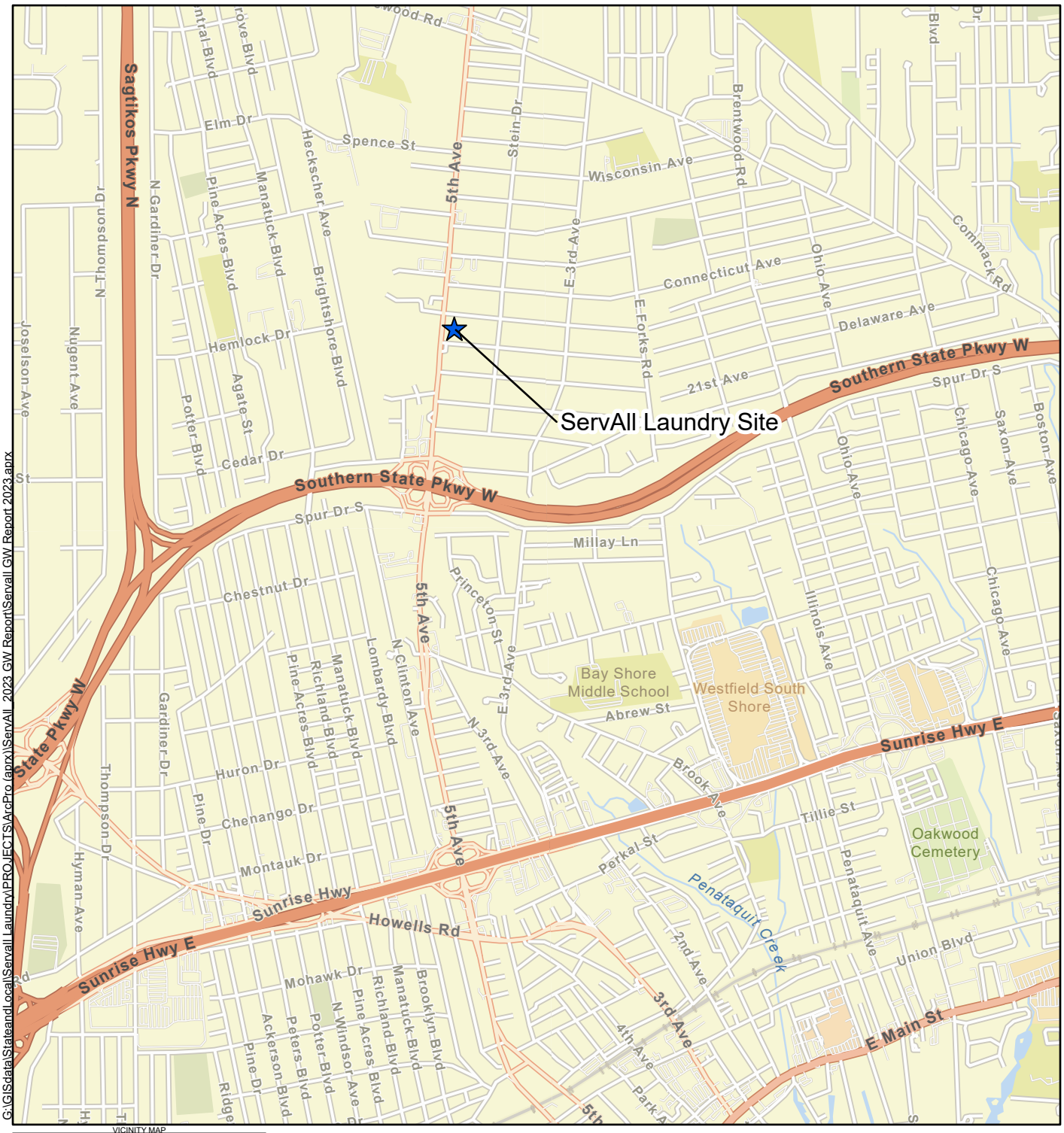

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Legend

★ Site Location

Figure 1
Site Location
ServAll Laundry
Bay Shore, New York

Map Date: 1/12/2024
Projection: NAD 1983 (2011) State Plane
New York Long Island FIPS 3104 (US Feet)

0 1,000 2,000
Feet

N

NEW YORK STATE Department of Environmental Conservation

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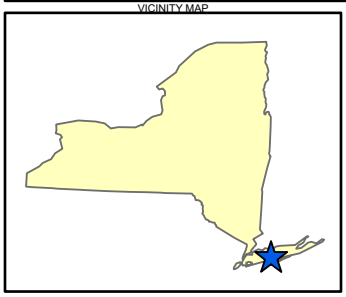
VICINITY MAP



Legend

- Site Boundary/Institutional Control
- Tax Parcels (with IDs)

Zoning

- Commercial
- Industrial
- Residential

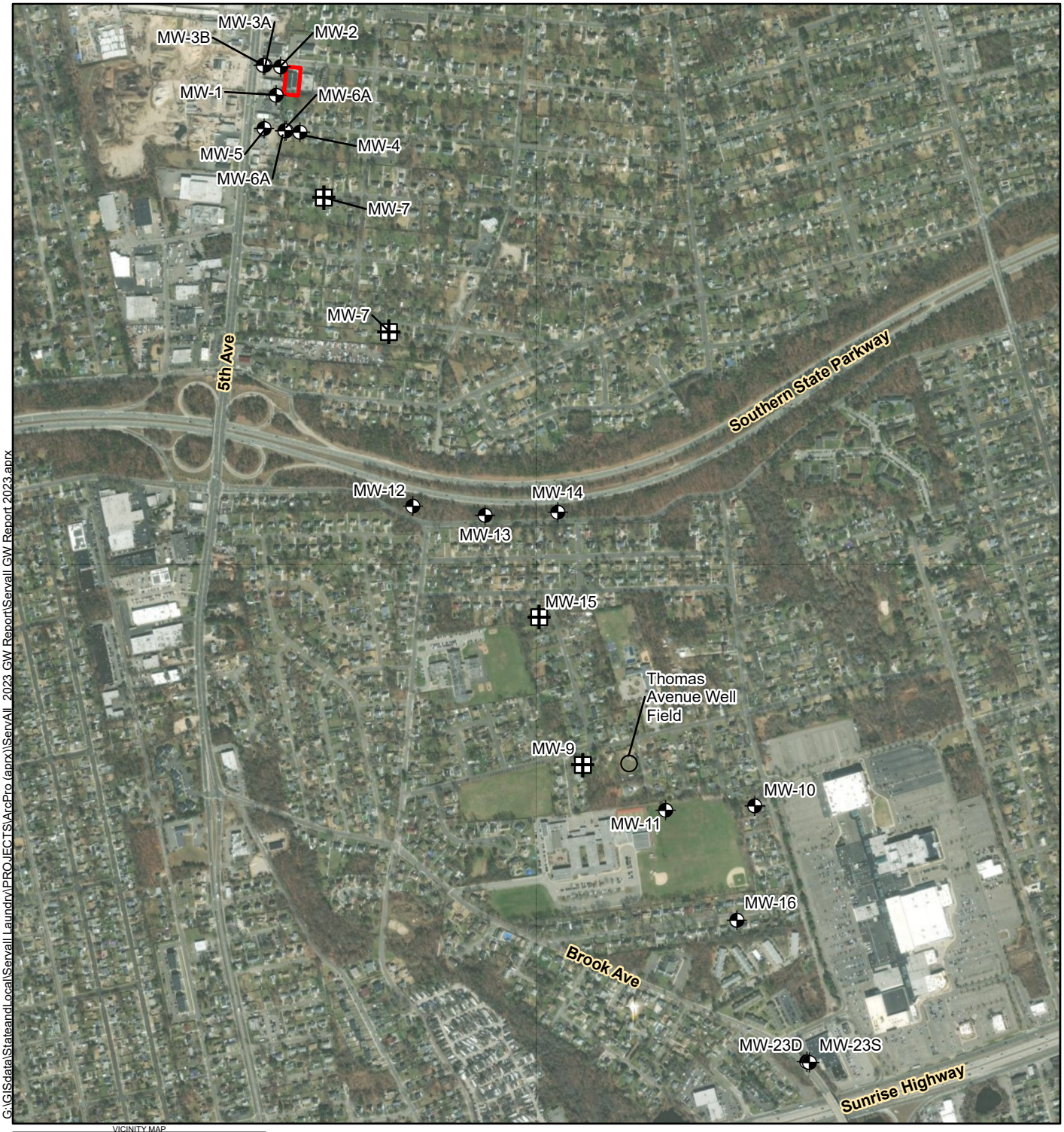
0 50 100
Feet

N

Figure 2 Site Layout
ServAll Laundry
Bay Shore, New York

Map Date: 1/12/2024
Projection: NAD 1983 (2011) State Plane
New York Long Island FIPS 3104 (US Feet)

NEW YORK STATE | Department of Environmental Conservation



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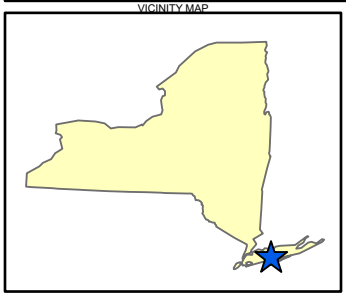
VICINITY MAP



Legend

- Site Boundary/Institutional Control
- Existing Monitoring Wells
- Damaged or Missing Monitoring Wells

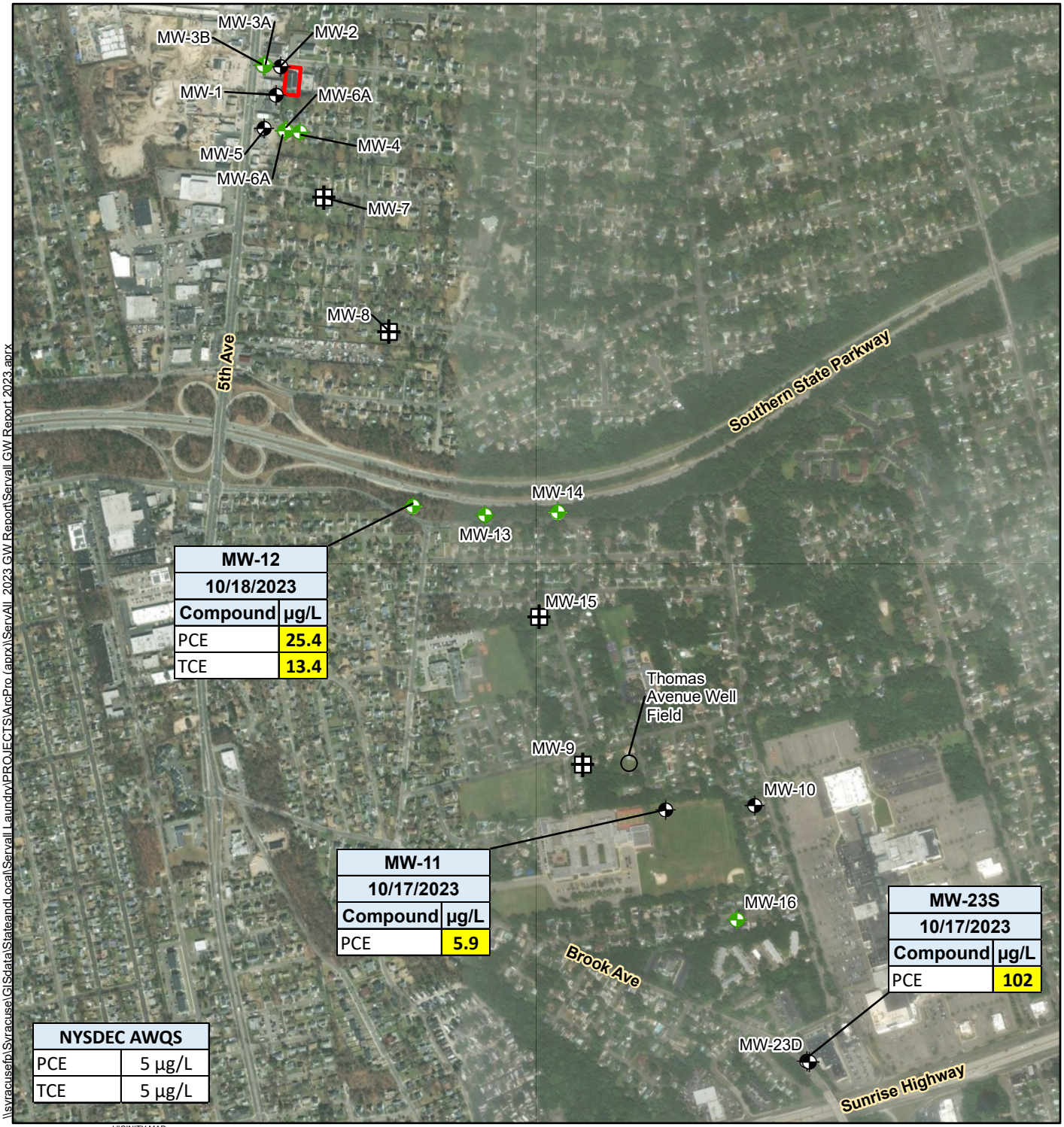
0 500 1,000
Feet

N

Figure 3
Monitoring Well Location Map
ServAll Laundry
Bay Shore, New York

Map Date: 1/12/2024
Projection: NAD 1983 (2011) State Plane
New York Long Island FIPS 3104 (US Feet)

NEW YORK STATE | Department of Environmental Conservation



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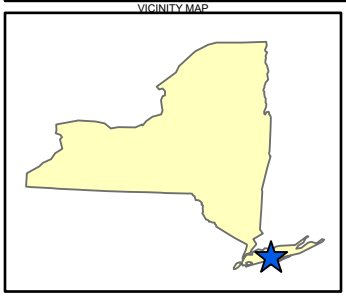
VICINITY MAP



Legend

- Site Boundary/Institutional Control
- Damaged or Missing Groundwater Monitoring Wells
- Existing Groundwater Monitoring Wells
- Groundwater Monitoring Well in need of Repair

0 500 1,000
Feet

N

Notes:
µg/L = micrograms per liter
AWQS = Ambient Water Quality Standards
NYSDEC = New York Department of Environmental Conservation
PCE = tetrachloroethene
TCE = trichloroethene
Bold and yellow highlights indicate concentrations exceeding NYSDEC AWQS.
Monitoring wells without tags did not exceed NYSDEC AWQS.

Figure 4
Summary of VOC Exceedances in Groundwater (October 2023)

ServAll Laundry
Bay Shore, New York

Map Date: 6/19/2024
Projection: NAD 1983 (2011) State Plane New York Long Island FIPS 3104 (US Feet)

NEW YORK STATE Department of Environmental Conservation

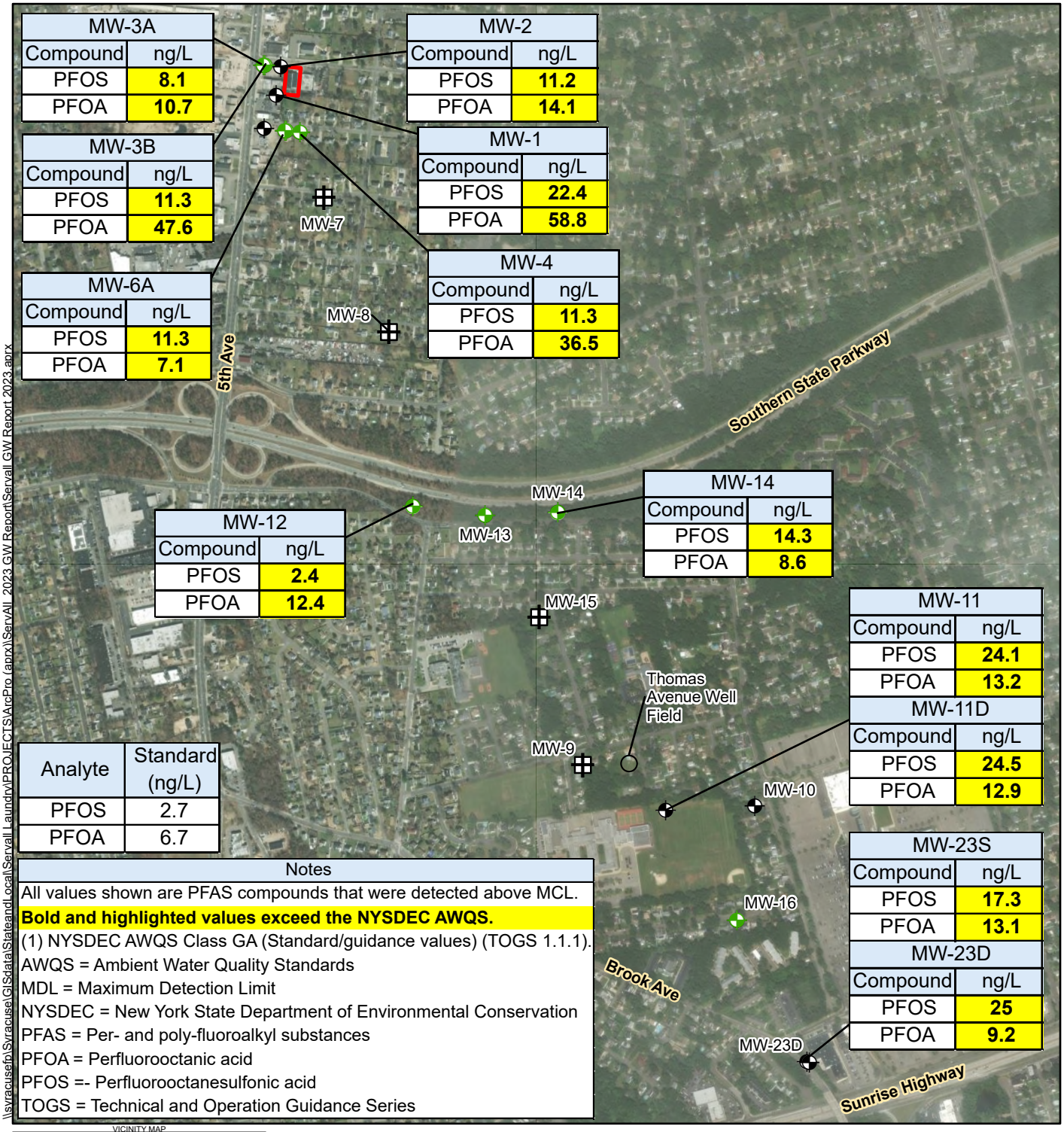


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Figure 5
Summary of PFAS in Groundwater
October 2023
ServAll Laundry
Bay Shore, New York

Map Date: 6/19/2024
Projection: NAD 1983 (2011) State Plane
New York Long Island FIPS 3104 (US Feet)

NEW YORK STATE Department of Environmental Conservation

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Appendix A

Monitoring Well Purge Logs

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WELL PURGING AND SAMPLING RECORD

Site Name/Location	ServAll Laundry	Project No: 1602534.0005	Page 1 of 2
Well ID	MW- 01	Date 10 16 23	Time 1730
Well Site Description			
Weather/Temp			
Field Technician			

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl)		Screened Interval (ft bgs)	76.5 - 86.5
Well Diameter (in.)	4in	Nominal Borehole Diameter (in.)	4in

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft)	86.73	Gallons per foot of depth	0.65
Depth to product (ft)		Static water level (ft)	27.25
Product column height (ft)		Water column height (ft)	59.5
Product volume (Gallons)		Water volume (Gallons)	

PURGE INFORMATION

Pump Type / ID	Bladder 8750	Water Quality Meter Type / ID	Horiba 14420
Pump Intake Depth (ft)	81.5 ft	Flow-Thru Cell Volume (L)	
Purge Start Time		Appearance/Odor (Start)	None
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)
	1730	200mL	0							
	1735		1000mL	6.52	.718	16.97	70	0	7.87	
	1740		2L	6.68	.722	16.70	82	0	6.86	
	1745		3L	6.72	.724	16.55	94	0	6.38	
	1750		4L	6.74	.724	16.49	94	1.4	5.85	
	1755		5L	6.78	.726	16.47	86	0	5.13	
	1800		6L	6.74	.728	16.45	70	0.3	4.80	
	1805		7L	6.89	.729	16.43	57	0.9	4.70	
	1810		8L	6.79	.729	16.42	47	2.4	4.29	
	1815		9L	6.77	.727	16.38	30	4.8	3.97	
	1820		10L	6.80	.723	16.37	10	6.8	3.69	

COMMENTS _____

SAMPLE COLLECTION

Sample Date	10/16/23	Sample Time	1840
Sample ID	152077-MW-01-10162023		
QA/QC Collected / ID		Sample Appearance/Odor	
Analyses			
Sampler	A. Carey	Signature	Adam Carey

WELL PURGING AND SAMPLING RECORD

Site Name/Location	ServAll Laundry	Project No: 1602534.0005	Page 2 of 2
Well ID	MW- 01	Date 10/16/2023	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)
	1825	200mL	11 L	6.79	.722	16.35	6	7	3.58	
	1830		12 L	6.81	.721	16.33	3	6.7	3.49	
	1835		13 L	6.83	.720	16.32	1	6.7	3.29	
	1840									

COMMENTS _____

SAMPLE COLLECTION

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

WELL PURGING AND SAMPLING RECORD

Site Name/Location	ServAll Laundry	Project No: 1602534.0005	Page 1 of 1
Well ID	MW-02	Date 10/16/2023	Time 1655
Well Site Description	MW-02		
Weather/Temp	60's, Cloudy		
Field Technician	M. Boyle		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl)		Screened Interval (ft bgs)	71.8 - 81.8
Well Diameter (in.)	2"	Nominal Borehole Diameter (in.)	

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft)	~~86.77~~ 83.95	Gallons per foot of depth	0.16
Depth to product (ft)		Static water level (ft)	27.27 bgs
Product column height (ft)		Water column height (ft)	56.68
Product volume (Gallons)		Water volume (Gallons)	

PURGE INFORMATION

Pump Type / ID	Bladder : 93733	Water Quality Meter Type / ID	Horiba 25336
Pump Intake Depth (ft)	5' from bottom (76.8)	Flow-Thru Cell Volume (L)	
Purge Start Time	1655	Appearance/Odor (Start)	None
Purge End Time		Appearance/Odor (End)	None
Average Purge Rate (mL/min)	190 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)
10/16/2023	1701	~~150~~ mL/min		5.80	0.451	20.85	167	15.1	1.49	
	1706	300 mL/min		5.77	0.461	20.42	165	11.2	1.17	
	1711		3.8 L	5.75	0.494	19.86	167	5.0	0.80	
	1716	↓		5.75	0.513	20.09	165	6.6	0.65	
	1721			5.72	0.529	20.10	162	3.2	0.57	
	1726			5.73	0.540	20.01	160	2.6	0.54	
	1731			5.68	0.545	20.01	158	1.9	0.47	
	1736			5.66	0.549	20.00	154	1.0	0.44	
	1741		7.6 L	REMOVED						
	1746									
	1751									

COMMENTS

SAMPLE COLLECTION

Sample Date	10/16/2023	Sample Time	1738
Sample ID	192077-MW-02-10162023		
QA/QC Collected / ID		Sample Appearance/Odor	
Analyses			
Sampler	M. Boyle	Signature	

WELL PURGING AND SAMPLING RECORD

Site Name/Location	ServAll Laundry	Project No: 1602534.0005	Page 1 of 2
Well ID	MW-03A	Date 10/16/2023	Time 1420
Well Site Description			
Weather/Temp	60's, Clear		
Field Technician	M. Boyle		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl)	Screened Interval (ft bgs) 110-120
Well Diameter (in.)	Nominal Borehole Diameter (in.)

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 113.82	Gallons per foot of depth 0.16
Depth to product (ft)	Static water level (ft) 26.39 bgs
Product column height (ft)	Water column height (ft) 87.43
Product volume (Gallons)	Water volume (Gallons)

PURGE INFORMATION

Pump Type / ID Bladder 43733	Water Quality Meter Type / ID Horiba 25336
Pump Intake Depth (ft) 5' from Bottom (115 bgs)	Flow-Thru Cell Volume (L)
Purge Start Time 1420	Appearance/Odor (Start) None
Purge End Time	Appearance/Odor (End)
Average Purge Rate (mL/min) 260 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)
10/16/23	1423	250 mL/min	2.00	5.62	0.923	20.9	219	0.0	0.54	
↓	1428	↓		5.44	0.904	20.44	230	15.7	0.47	
↓	1433	↓		5.28	1.01	20.36	238	25.3	0.43	
↓	1438	↓		5.17	1.13	20.16	238	45.1	0.43	
	1443			5.14	1.24	19.87	236	55.5	0.43	
	1448			5.12	1.27	19.85	236	45.9	0.40	
	1453			5.10	1.32	19.76	238	32.3	0.38	
	1458		7.5L	5.10	1.35	19.69	239	30.0	0.38	
	1503			5.09	1.38	19.72	241	18.0	0.36	
	1508			5.08	1.40	19.59	244	11.5	0.34	
	1513			5.08	1.41	19.76	245	9.9	0.32	

COMMENTS

SAMPLE COLLECTION

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

WELL PURGING AND SAMPLING RECORD

Site Name/Location	ServAll Laundry	Project No: 1602534.0005	Page 2 of 2
Well ID	MW- 03A	Date	Time
Well Site Description	SEE PAGE 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)	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)
10/16/23	1518	250 mL/min		5.10	1.41	19.71	245	9.0	0.32	
	1523	↓	11.5 L	5.10	1.42	19.67	243	9.0	0.32	
	1528	↓								

COMMENTS _____

SAMPLE COLLECTION

Sample Date 10/16/23	Sample Time 15:27
Sample ID 152077-MW-03A-10162023	
QA/QC Collected / ID	Sample Appearance/Odor
Analyses	
Sampler M Boyle	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location	ServAll Laundry	Project No: 1602534.0005	Page 1 of 2
Well ID	MW- 03B	Date 10/16/23	Time 13:55
Well Site Description			
Weather/Temp	60° Clear		
Field Technician	A. Carey		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl)		Screened Interval (ft bgs)	78-88
Well Diameter (in.)		Nominal Borehole Diameter (in.)	2

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft)	85.13	Gallons per foot of depth	0.16
Depth to product (ft)		Static water level (ft)	N/A PFAS (26.62 on 10/18/23)
Product column height (ft)		Water column height (ft)	58.51
Product volume (Gallons)		Water volume (Gallons)	

PURGE INFORMATION

Pump Type / ID	Bladder 8750	Water Quality Meter Type / ID	Horiba U.52 (14420)
Pump Intake Depth (ft)	83 ft bgs	Flow-Thru Cell Volume (L)	
Purge Start Time		Appearance/Odor (Start)	None
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)	Vol
1355		150	0	6.01	.367	18.37	226	15.7	3.82		
	1405		1.5 L	6.20	.512	17.91	218	6.9	2.57		1.5
	1410		2.25 L	6.23	.560	17.91	210	9.3	2.50		2.25
	1420	3.75	~~3.00 L~~	6.05	.597	17.74	186	14.9	2.33		3.75 L
	1425	~~3.75~~	~~5.25~~	5.91	.608	17.70	175	17.1	2.20		4.5 L
	1430		~~4.5 L~~	5.91	.611	17.50	171	15.4	2.19		5.25 L
	1435		~~5.25~~	5.92	.614	17.47	172	14.6	2.22		6.00 L
	1440		6.75	5.88	.612	17.44	175	16.5	2.15		
	1445		7.50	5.90	.612	17.46	177	15.8	2.16		
	1450		8.25	5.93	.612	17.39	178	14.7	2.15		
	1455		9.0	5.93	.615	17.30	180	11.5	2.13		

COMMENTS _____

SAMPLE COLLECTION

Sample Date	10/16/23	Sample Time	15:30
Sample ID	152077-MW-03B-10162023		
QA/QC Collected / ID		Sample Appearance/Odor	
Analyses			
Sampler	A. Carey	Signature	Adam Carey

WELL PURGING AND SAMPLING RECORD

Site Name/Location	ServAll Laundry	Project No: 1602534.0005	Page 2 of 2
Well ID	MW- 03B	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)
10/16	1500		9.75	5.93	.615	17.30	180	11.5	2.13	
	1505		10.5	6.01	.617	17.38	186	8.7	2.34	
	1510		11.25	5.93	.618	17.24	190	6.3	2.08	
	1515		12	5.93	.621	17.27	191	6.4	2.03	
	1520		12.75	5.96	.624	17.20	193	6.2	2.04	

COMMENTS _____

SAMPLE COLLECTION

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

WELL PURGING AND SAMPLING RECORD

Site Name/Location	ServAll & Drayton Ave.	Project No:	Page 1 of 2
Well ID	MW-4	Date 10/17/2023	Time 1217
Well Site Description	15 Frederick Ave.		
Weather/Temp	60's, ~~Clear~~ Cloudy		
Field Technician	Matt Boyle		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl)		Screened Interval (ft bgs)	74-84
Well Diameter (in.)	2"	Nominal Borehole Diameter (in.)	

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft)	83.38	Gallons per foot of depth	0.16
Depth to product (ft)		Static water level (ft)	26.04
Product column height (ft)		Water column height (ft)	57.34
Product volume (Gallons)		Water volume (Gallons)	

PURGE INFORMATION

Pump Type / ID	Bladder #43733	Water Quality Meter Type / ID	Horiba 25336
Pump Intake Depth (ft)	5' From Bottom (79')	Flow-Thru Cell Volume (L)	
Purge Start Time	1217	Appearance/Odor (Start)	None
Purge End Time		Appearance/Odor (End)	
Average Purge Rate (mL/min)	150 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)
10/17/2023	1221	150 mL/min		5.45	0.616	19.54	197	26.8	1.36	
	1226	↓		5.44	0.632	19.28	199	33.3	0.91	
↓	1231	↓		5.43	0.635	19.12	207	64.8	0.66	
	1236		3.8 L	5.42	0.640	19.07	211	76.1	0.65	
	1241			5.42	0.646	19.01	216	61.3	0.55	
	1246			5.42	0.653	19.01	219	43.4	0.47	
	1251			5.42	0.659	19.03	221	31.9	0.41	
	1256		7.6 L	5.40	0.660	19.08	225	25.8	0.42	
	1301	(MB)	~~7.6 L~~	5.39	0.671	18.97	227	18.1	0.40	
	1306			5.37	0.674	18.99	230	14.7	0.37	
	1311			5.35	0.676	18.95	232	13.2	0.41	

COMMENTS _____

SAMPLE COLLECTION

Sample Date		Sample Time	
Sample ID			
QA/QC Collected / ID	See Page 2	Sample Appearance/Odor	
Analyses			
Sampler		Signature	

WELL PURGING AND SAMPLING RECORD

Site Name/Location		Project No:	Page 2 of 2
Well ID		Date	Time
Well Site Description	SEE PAGE 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)	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)
10/17/23	1316	150 mL/min	11.4L	5.33	0.678	18.88	233	11.7	0.36	
↓	1321	↓		5.33	0.678	18.92	234	8.5	0.38	
	1326			5.31	0.679	18.93	236	6.8	0.37	
	1331			5.30	0.680	18.92	238	4.0	0.35	
	1336			5.30	6.79	18.91	237	3.5	0.35	
	1341			5.30	6.79	18.92	238	3.3	0.36	
	1346									
	1351									

COMMENTS _____

SAMPLE COLLECTION

Sample Date 10/17/2023	Sample Time 1347
Sample ID 152077-MW-04-10172023	
QA/QC Collected / ID	Sample Appearance/Odor None
Analyses	
Sampler M. Boyle	Signature

WELL PURGING AND SAMPLING RECORD

Site Name/Location	ServAll Laundry	Project No: 1602534.0005	Page 1 of 2
Well ID	MW-06A	Date 10/17/23	Time 12:25
Well Site Description			
Weather/Temp			
Field Technician			

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl)		Screened Interval (ft bgs)	53-63
Well Diameter (in.)	2	Nominal Borehole Diameter (in.)	2

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft)	59.18	Gallons per foot of depth	0.16
Depth to product (ft)		Static water level (ft)	26.68 on 10/18/23
Product column height (ft)		Water column height (ft)	32.47
Product volume (Gallons)		Water volume (Gallons)	

PURGE INFORMATION

Pump Type / ID	Bladder 8750	Water Quality Meter Type / ID	Horiba 14420 (U-52)
Pump Intake Depth (ft)	58 ft bgs	Flow-Thru Cell Volume (L)	
Purge Start Time		Appearance/Odor (Start)	Brown, slight sulphur odor
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)
	1225	150mL	0	6.98	.257	18.57	-30	222	9.97	
	1230		.75L	6.60	.320	17.16	13	398	4.28	
	1235		1.5	6.73	.365	16.74	-21	1000	8.41	
	1240		2.25	6.74	.361	16.73	-22	1000	8.23	
	1245		3.0	6.69	.368	16.65	-16	587	7.12	
	1250		3.75	6.61	.365	16.66	-8	398	6.59	
	1255		4.5	6.56	.364	16.83	4	284	5.87	
	1300		5.25	6.55	.358	16.78	10	220	4.80	
	1305		6	6.53	.362	16.63	19	148	4.40	
	1310		6.75	6.47	.362	16.56	27	117	3.53	
	1315		7.5	6.41	.354	16.56	33	97.9	3.57	

COMMENTS _____

SAMPLE COLLECTION

Sample Date	10/17/23	Sample Time	
Sample ID			
QA/QC Collected / ID		Sample Appearance/Odor	
Analyses			
Sampler	A. Carey	Signature	Adam Carey

WELL PURGING AND SAMPLING RECORD

Site Name/Location	Sero All Laundry	Project No:	Page 2 of 2
Well ID	MW-06A	Date 10/17/23	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 Bladder 8750		Water Quality Meter Type / ID Horiba 14420
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)
	1320		8.25	6.43	.345	16.54	34	72.4	3.34	
	1325		9	6.41	.346	16.53	36	65.0	3.71	
	1330		9.75	6.43	.349	16.56	46	55.1	3.88	
	1335		10.5	6.42	.350	16.56	54	51.4	5.08	
	1340		11.25	6.41	.349	16.56	58	49.8	5.08	
	1345		12	6.48	.349	16.55	67	50.5	5.31	
	1350		12.75	6.41	.350	16.56	70	51.6	5.32	
	1355		13.5	6.37	.349	16.62	77	51.2	5.08	
	1400		14.25							
	1405		15							
	1410		15.75							

COMMENTS _____

SAMPLE COLLECTION

Sample Date 10/17/23	Sample Time 1400
Sample ID 152077-MW-06A-10172023	
QA/QC Collected / ID None	Sample Appearance/Odor Slightly murky
Analyses	
Sampler A Carey	Signature Adam Carey

WELL PURGING AND SAMPLING RECORD

Site Name/Location	ServAll Laundry	Project No: 1602534.0005	Page 1 of 1
Well ID	MW- 11	Date 10/17/2023	Time 0857
Well Site Description	Bay Shore Middle School		
Weather/Temp	50's, Clear		
Field Technician	M. BOYLE / A. Carey		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl)		Screened Interval (ft bgs)	80-90
Well Diameter (in.)	2"	Nominal Borehole Diameter (in.)	

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft)	89.16	Gallons per foot of depth	0.16
Depth to product (ft)		Static water level (ft)	18.68
Product column height (ft)		Water column height (ft)	70.48
Product volume (Gallons)		Water volume (Gallons)	

PURGE INFORMATION

Pump Type / ID	Bladder ; 43733	Water Quality Meter Type / ID	Horiba 25336
Pump Intake Depth (ft)	5' From Bottom (85')	Flow-Thru Cell Volume (L)	
Purge Start Time	0839	Appearance/Odor (Start)	None
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)
10/17/2023	0844	150 mL/min		6.00	0.438	17.11	105	10.0	1.11	
10/17/2023	0849	↓		6.05	0.472	17.17	100	82.7	0.97	
↓	0854			6.07	0.478	17.38	88	52.7	0.71	
	0859			6.09	0.479	17.54	85	42.1	0.61	
	0904		3.8L	6.08	0.480	17.78	82	23.2	0.54	
	0909			6.12	0.479	17.96	82	23.6	0.57	
	0914			6.10	0.478	18.25	80	14.0	0.52	
	0919			6.14	0.479	18.18	80	12.1	0.49	
	0924			6.15	0.473	18.55	80	9.3	0.48	
	0929		7.5L	6.12	0.472	18.59	79	9.7	0.45	
	0934			6.11	0.473	18.89	79	4.2	0.42	

COMMENTS MS/MSD and Duplicate (*152077-MW-11D-10172023) Collected and EB and FB

0938 MW-11 MW-11D (dup) | 0930 Equip B | 0945 Field B. | 1030 MS/MSD

SAMPLE COLLECTION

Sample Date	10/17/2023	Sample Time	0938
Sample ID	152077-MW-11-10172023		
QA/QC Collected / ID		Sample Appearance/Odor	None
Analyses			
Sampler	MB	Signature	

WELL PURGING AND SAMPLING RECORD

Site Name/Location	Highway 99 MW-12	Project No:	Page 1 of 1
Well ID	MW-12	Date 10/18/2023	Time 0802
Well Site Description	Service Rd & Drayton Ave		
Weather/Temp	50's, Overcast		
Field Technician	M. Boyle		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl)		Screened Interval (ft bgs)	78.8-88.8
Well Diameter (in.)		Nominal Borehole Diameter (in.)	

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft)	89.09	Gallons per foot of depth	0.16
Depth to product (ft)		Static water level (ft)	18.68
Product column height (ft)		Water column height (ft)	70.41
Product volume (Gallons)		Water volume (Gallons)	

PURGE INFORMATION

Pump Type / ID	Bladder ; 43733	Water Quality Meter Type / ID	Horiba ; 25336
Pump Intake Depth (ft)	5' From Bottom (83.8')	Flow-Thru Cell Volume (L)	
Purge Start Time	0802	Appearance/Odor (Start)	None
Purge End Time		Appearance/Odor (End)	None
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)
10/17/23	0806	250 mL/min		5.28	0.506	16.71	61	14.3	4.46	
	0811			5.33	0.465	16.74	79	6.2	0.84	
10/17/23	0816	↓	1GAL	5.35	0.519	16.80	82	3.7	0.39	
	0821			5.35	0.544	16.80	75	1.4	0.55	
	0826			5.36	0.564	16.81	68	0.8	0.45	
	0831		2GAL	5.36	0.568	16.84	69	0.0	0.42	
	0836			5.36	0.574	16.89	74	0.0	0.46	
	0841			5.36	0.579	16.92	76	0.0	0.38	
	0846		2.75GAL	Removed						
	0851									
	0856									

COMMENTS SAMPLE TIME 0846 2.75 GALS Removed

SAMPLE COLLECTION

Sample Date	10/18/2023	Sample Time	0846
Sample ID	152077-MW-12-10182023		
QA/QC Collected / ID		Sample Appearance/Odor	
Analyses			
Sampler		Signature	

WELL PURGING AND SAMPLING RECORD

Site Name/Location	ServAll Laundry	Project No: 1602534.0005	Page 1 of 1
Well ID	MW- 14	Date 10/18/23	Time 0845
Well Site Description			
Weather/Temp			
Field Technician	A Carey		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl)		Screened Interval (ft bgs)	83-93
Well Diameter (in.)	2	Nominal Borehole Diameter (in.)	2

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft)	91.83	Gallons per foot of depth	0.16
Depth to product (ft)		Static water level (ft)	19.9
Product column height (ft)		Water column height (ft)	71.93
Product volume (Gallons)		Water volume (Gallons)	

PURGE INFORMATION

Pump Type / ID	Bladder 8750	Water Quality Meter Type / ID	Horiba 14420
Pump Intake Depth (ft)	88 ft bgs	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)
	0845	300	0	6.64	.526	15.63	197	11.1	2.17	
	855		3L	6.60	.527	15.62	179	9.9	1.91	
	900		4.5L	6.60	.527	15.53	147	8.1	1.70	
	905		6	6.61	.528	15.53	97	8.0	1.54	
	910		7.5	6.70	.529	"	50	8.7	1.42	
	915		9	6.67	.530	15.56	28	7.4	1.33	
	920		10.5	6.74	.530	15.59	24	6.2	1.40	
	925		12	6.68	.531	15.62	22	4.8	1.26	
	930		13.5	6.68	.531	15.63	21	4.4	1.27	

COMMENTS

SAMPLE COLLECTION

Sample Date	10/18/23	Sample Time	
Sample ID	152077-MW-14-10182023		
QA/QC Collected / ID		Sample Appearance/Odor	
Analyses			
Sampler	A Carey	Signature	Adam Carey

WELL PURGING AND SAMPLING RECORD

Site Name/Location		Project No:	Page 1 of 1
Well ID MW-235		Date 10/17/2023	Time @ 1618
Well Site Description Cul-de-sac on Perkel St.			
Weather/Temp 50's, Cloudy			
Field Technician M. Boyle			

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl)		Screened Interval (ft bgs)	60-69
Well Diameter (in.)	2"	Nominal Borehole Diameter (in.)	

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft)	69.37	Gallons per foot of depth	0.16
Depth to product (ft)		Static water level (ft)	6.06
Product column height (ft)		Water column height (ft)	63.31
Product volume (Gallons)		Water volume (Gallons)	

PURGE INFORMATION

Pump Type / ID Bladder: 43733		Water Quality Meter Type / ID Horiba: 25336	
Pump Intake Depth (ft) 5' From Bottom (64')		Flow-Thru Cell Volume (L)	
Purge Start Time ~~1618~~ MB 1630		Appearance/Odor (Start) None	
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)	

Tech. Difficulties

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)
(MB) 10/17/23	16:34	150mL/min		5.15	0.196	19.42	147	121	0.50	
	1639	0.4L/min		5.17	0.305	19.21	181	111	0.37	
	1644	0.4L/min		5.17	0.317	19.11	186	96.0	0.42	
	1649	0.4L/ML		5.16	0.333	18.27	196	51.4	0.37	
	1654	↓		5.14	0.334	18.11	202	43.0	0.32	
	1659			5.12	0.335	18.04	205	35.1	0.35	
	1704			5.11	0.336	18.04	208	27.1	0.32	
	1709	↓	3GAL	5.11	0.336	17.96	211	18.3	0.32	
	1724			5.11	0.336	17.92	209	18.8	0.32	
	1729			5.11	0.335	17.91	209	18.1	0.32	
	1734									

COMMENTS Sample @ 1734

SAMPLE COLLECTION

Sample Date 10/17/2023		Sample Time 1734	
Sample ID 152077-MW-235-10172023			
QA/QC Collected / ID		Sample Appearance/Odor None	
Analyses			
Sampler M. Boyle		Signature	

WELL PURGING AND SAMPLING RECORD

Site Name/Location	Serv All Laundry	Project No: 1602534	Page 1 of 1
Well ID	MW-23D	Date 10/17/23	Time 16:10
Well Site Description			
Weather/Temp			
Field Technician			

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl)		Screened Interval (ft bgs)	78-88
Well Diameter (in.)	2"	Nominal Borehole Diameter (in.)	

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft)	87.65	Gallons per foot of depth	0.16
Depth to product (ft)		Static water level (ft)	6.16 on ~~10/17~~ 10/18/23
Product column height (ft)		Water column height (ft)	81.49
Product volume (Gallons)		Water volume (Gallons)	

PURGE INFORMATION

Pump Type / ID	~~65 ft~~ Bladder 875c	Water Quality Meter Type / ID	Horiba 14420
Pump Intake Depth (ft)	65 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)
	1610	500	0							
	1640		15 L	6.36	.227	16.60	179	0	5.48	
	1700		17.5	6.23	.228	16.51	182	0	5.40	
	1705		20	6.18	.227	16.55	183	0.3	5.45	
	1710		22.5	6.16	.227	16.55	181	0.1	5.34	
	1715		25	6.15	.228	16.54	184	0	5.45	

COMMENTS Had pump and tubing difficulties ; set pump higher than screen

SAMPLE COLLECTION

Sample Date	10/17/23	Sample Time	17:30
Sample ID	152077-mw-23D-10172023		
QA/QC Collected / ID	No	Sample Appearance/Odor	Clear no odor
Analyses			
Sampler	A Carey	Signature	Aden Carey

Appendix B

Daily Field Reports

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NYSDEC
Division of Environmental Remediation

NEW YORK STATE | Department of Environmental Conservation

Contract No.

DEC PM – Jasmine Stefansky

Engineer PM – Joshua Oliver

Engineer Insp. – Adam Etringer, Grant Reeder

Site Location: ServAll Laundry, Bay Shore, NY

Weather Conditions				
General Description	Sunny	AM	NA	PM
Temperature	52	AM	NA	PM
Wind	6	AM	NA	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	NA X

Health & Safety Comments

None.

Summary of Work Performed	Arrived at site:	0800	Departed Site:	0830

(0800) EA (J. Oliver, A. Etringer, G. Reeder) onsite; NYSDEC (J. Stefansky, P. Long, J. Dyber) onsite.

- Inspect the SSDS (radon fan), currently offline.
- Monitoring wells in close proximity to the site could not be located (MW-2, MW-3A/3B, MW-4, MW-5, MW-6A/6B) could not be located using a metal detector.

(0830) EA and NYSDEC offsite

Equipment/Material Tracking
If any box below is checked "Yes", provide explanation under "Material Tracking Comments".

Were there any vehicles which did not display proper D.O.T numbers and placards?	*Yes	No	NA X
Were there any vehicles which were not tarped?	* Yes	No	NA X
Were there any vehicles which were not decontaminated prior to exiting the work site?	* Yes	No	NA X

Personnel and Equipment

Individual	Company	Trade	Total Hours
Joshua Oliver	EA	Project Manager	0.5
Adam Etringer	EA	Site Manager	0.5
Grant Reeder	EA	Task Manager	0.5

Equipment Description	Contractor/Vendor	Quantity	Used
Electronic Water Level Meter	Heron	1	No
Metal Detector	Harbor Freight	1	Yes

Material Description	Imported/ Delivered to Site	Exported off Site	Waste Profile (If Applicable)	Source or Disposal Facility (If Applicable)	Daily Loads	Daily Weight (tons)*
None.						

*On-Site scale for off-site shipment, delivery ticket for material received

Equipment/Material Tracking Comments:
None.

Visitors to Site

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

Site Representatives

Name	Representing
None.	

Project Schedule Comments

None.
Issues Pending
Wells cannot be located.
Interaction with Public, Property Owners, Media, etc.
None.

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

Site Photographs (Descriptions Below)

Offline SSDS (radon fan)

U-tube manometer on SSDS

Comments

Site Inspector(s): Josh Oliver, Adam Etringer, and Grant Reeder	**Date: 04/04/2023**

Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work? Yes ☐ No ☒ N/A ☐

REMEDIAL ACTIVITIES AT PROPERTIES

1. Does anyone at this location have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes ☐	No ☒
2. Have anyone at this location been tested and confirmed to have COVID-19?	Yes ☐	No ☒
3. Were personal protective gloves, masks, and eye protection being used?	Yes ☐	No ☒
4. Does the Department and its contractors have your permission to enter the property at this time?	Yes ☐	No ☐
5. If Yes to 1 or 2, follow the latest NYSDOH COVID-19 guidance: https://coronavirus.health.ny.gov/home	Yes ☐	No ☐
Comments:		

ON-SITE WASTE STORAGE

Drums, roll offs and piles are staged in secure areas?	Yes ☐	No ☐	N/A☒
Liners and berms have been installed if necessary to prevent cross contamination of clean areas?	Yes ☐	No ☐	N/A☒
Containers are in good condition or properly overpacked?	Yes ☐	No ☐	N/A☒
Waste materials are scheduled to be properly characterized and disposed of prior to demobilization?	Yes ☐	No ☐	N/A☒
Complying with RCRA 90 day storage limitation for hazardous waste?	Yes ☐	No ☐	N/A☒
Piles are securely covered when not in use?	Yes ☐	No ☐	N/A☒
Containers are closed when not in use?	Yes ☐	No ☐	N/A☒
Staging areas should be inspected periodically and any issues addressed immediately?	Yes ☐	No ☐	N/A☒
Signage and labeling comply with RCRA requirements for all staging areas and containers?	Yes ☐	No ☐	N/A☒
If any issues noted, has Contractor been notified?	Yes ☐	No ☐	N/A☒
Comments:			

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☐	N/A☒
Were there any odors detected on this date?	Yes ☐	No ☐	N/A☒
Was noise outside specification and/or above background on this date?	Yes ☐	No ☐	N/A☒
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☐	N/A☒
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☐	N/A☒
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☐	N/A☒
Was turbidity checked at the outfall(s)?	AM ☐	PM ☐	N/A☒
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes ☐	No ☐	N/A☒

Was the temporary fabric structure closed at the end of the day?	Yes ☐	No ☐	N/A☒
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes ☐	No ☐	N/A☒
If yes, has Contractor been notified?	Yes ☐	No ☐	N/A☒
Comments:			

RESILIENCE/GREEN REMEDIATION CHECKLIST

Is site power procured from renewable energy sources (e.g., solar, wind, geothermal, biomass and biogas)?	Yes ☐	No ☐	N/A☒
Is the Contractor employing 2007 or newer or retrofitted (BART*) diesel on-road trucks and non-road equipment?	Yes ☐	No ☐	N/A☒
Is vehicle idling adequately reduced per 6NYCRR Part 217-3?	Yes ☐	No ☐	N/A☒
Have equipment operators been trained in the idling requirements of 6NYCRR Part 217-3?	Yes ☐	No ☐	N/A☒
Is BART-equipped equipment properly maintained and working?	Yes ☐	No ☐	N/A☒
Is work being sequenced to avoid double handling?	Yes ☐	No ☐	N/A☒
Is there an onsite recycling program for CONTRACTOR-generated wastes and is it complied with?	Yes ☐	No ☐	N/A☒
Are office trailer heating and cooling systems maintained at efficient set points, have programable thermostats been installed?	Yes ☐	No ☐	N/A☒
Are products and materials used in performance of the work appropriately certified (e.g., LEED, Energy Star, Sustainable Forestry Initiative®, etc.)?	Yes ☐	No ☐	N/A☒
Are resiliency features included in the design, or completed remedy properly installed and/or maintained (flood control, storm water controls, erosion measures, etc.)?	Yes ☐	No ☐	N/A☒
Are green remediation elements included in the design, or completed remedy properly installed and/or maintained (e.g., porous pavement, geothermal, variable speed drives, native plantings, natural stream bank restoration, etc.)?	Yes ☐	No ☐	N/A☒
Has Contractor been notified of any deficiencies?	Yes ☐	No ☐	N/A☒
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes ☐	No ☐	N/A☒
Comments:			

* BART – Best Available Retrofit Technology

NYSDEC
Division of Environmental Remediation

NEW YORK STATE | Department of Environmental Conservation

Contract No. D009806
DEC PM – J.Stefansky
Engineer PM – J.Oliver
Engineer Insp. – A. Carey

Site Location: 8 Drayton Ave, Bay Shore NY 11706

Weather Conditions

General Description	Clear	AM	Clear	PM
Temperature	50F	AM	77F	PM
Wind	None	AM	none	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

Normal PPE expected

Summary of Work Performed	Arrived at site:	0845	Departed Site:	1930

(0745) Adam Carey (EA), purchasing flagging and marking supplies at hardware store
(0845) A. Carey onsite at ServAll to begin well locating
(0900) Troubleshooting Trimble device
(1000) MW-3A and 3B located and marked
(1050) MW-02 and MW-01 located and marked
(1150) MW-04, 05, 06A, and 06B located and marked
(1310) MW-07, 08, 09, 10, and 15 confirmed to be missing or removed
(1345) MW-11 located, marked, and gauged
(1425) MW-16 located, marked, and gauged
(1455) MW-23s and 23d coordinates place it under the LA Fitness building, but the last GW report photos suggest that the wells are relatively far away on Perkel St. Will confirm for next GW sampling
(1700) MW-12, 13, and 14 located, marked, and gauged. Trimble malfunctioned and MW-12 took considerable time time to locate
(1730) Return to MW-04, 05, 06A, and 06B for gauging. MW-05 and 06B appear to be a dry wells with minimal water column. Gauging complete at 1805
(1810) Return to MW-01, 02, 03A, and 03B for gauging. Complete at 1915
(1915) Collecting and disposing of tubing left in wells from previous GW sampling.
(1930) Offsite

Equipment/Material Tracking
If any box below is checked "Yes", provide explanation under "Material Tracking Comments".

Were there any vehicles which did not display proper D.O.T numbers and placards?	*Yes	No	NA X
Were there any vehicles which were not tarped?	* Yes	No	NA X
Were there any vehicles which were not decontaminated prior to exiting the work site?	* Yes	No	NA X

Personnel and Equipment

Individual	Company	Trade	Total Hours
Adam Carey	EA	Geologist	12

Equipment Description	Contractor/Vendor	Quantity	Used

Material Description	Imported/ Delivered to Site	Exported off Site	Waste Profile (If Applicable)	Source or Disposal Facility (If Applicable)	Daily Loads	Daily Weight (tons)*

Equipment/Material Tracking Comments:

Visitors to Site

Name	Representing	Entered Exclusion/CRZ Zone	
None			

Site Representatives

Name	Representing

Project Schedule Comments

Issues Pending

None.

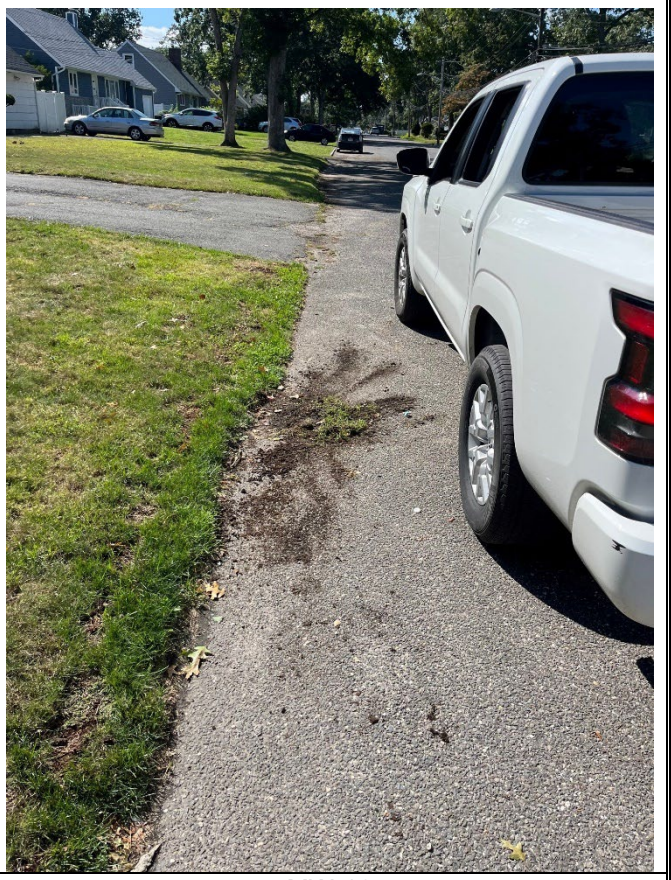
Interaction with Public, Property Owners, Media, etc.

None.

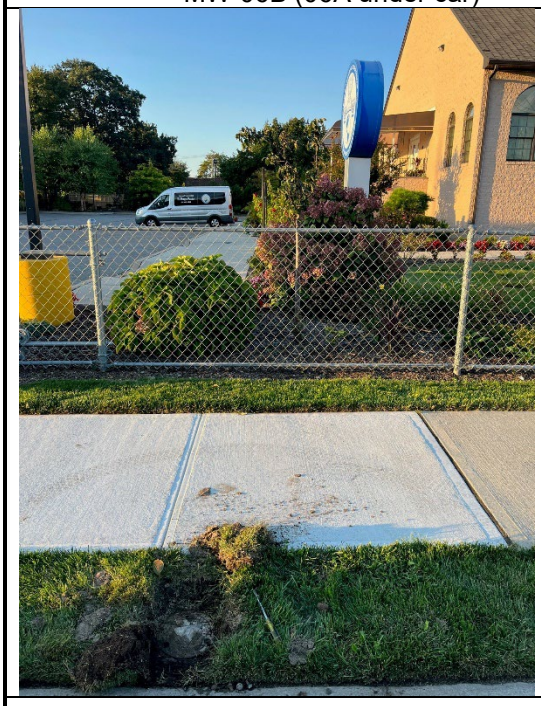
Include (insert) figures with markups showing location of work and job progress

Site Photographs (Descriptions Below)	
	
MW-11 (behind school)	MW-12 (obscured along tree line)

MW-06B (06A under car)



MW-16



MW-02

MW-04 (at left with water level meter)

	
MW-05	MW-13
	
MW-14	

Comments
N/A

Site Inspector(s): Adam Carey (EA)	**Date: 9/19/23**

Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work? Yes ☐ No ☒ N/A ☐

REMEDIAL ACTIVITIES AT PROPERTIES

1. Does anyone at this location have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes ☐	No ☒
2. Have anyone at this location been tested and confirmed to have COVID-19?	Yes ☐	No ☒
3. Were personal protective gloves, masks, and eye protection being used?	Yes ☐	No ☒
4. Does the Department and its contractors have your permission to enter the property at this time?	Yes ☐	No ☐
5. If Yes to 1 or 2, follow the latest NYSDOH COVID-19 guidance: https://coronavirus.health.ny.gov/home	Yes ☐	No ☐
Comments: N/A		

ON-SITE WASTE STORAGE

Drums, roll offs and piles are staged in secure areas?	Yes ☐	No ☐	N/A☒
Liners and berms have been installed if necessary to prevent cross contamination of clean areas?	Yes ☐	No ☐	N/A☒
Containers are in good condition or properly overpacked?	Yes ☐	No ☐	N/A☒
Waste materials are scheduled to be properly characterized and disposed of prior to demobilization?	Yes ☐	No ☐	N/A☒
Complying with RCRA 90 day storage limitation for hazardous waste?	Yes ☐	No ☐	N/A☒
Piles are securely covered when not in use?	Yes ☐	No ☐	N/A☒
Containers are closed when not in use?	Yes ☐	No ☐	N/A☒
Staging areas should be inspected periodically and any issues addressed immediately?	Yes ☐	No ☐	N/A☒
Signage and labeling comply with RCRA requirements for all staging areas and containers?	Yes ☐	No ☐	N/A☒
If any issues noted, has Contractor been notified?	Yes ☐	No ☐	N/A☒
Comments:			

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☒	N/A☐
Were there any odors detected on this date?	Yes ☐	No ☒	N/A☐
Was noise outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☒	N/A☐
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☒	N/A☐
Was turbidity checked at the outfall(s)?	AM ☐	PM ☐	N/A☒
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes ☐	No ☐	N/A☒

Was the temporary fabric structure closed at the end of the day?	Yes ☐	No ☐	N/A☒
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes ☐	No ☐	N/A☒
If yes, has Contractor been notified?	Yes ☐	No ☐	N/A☒
Comments: N/A			

RESILIENCE/GREEN REMEDIATION CHECKLIST

Is site power procured from renewable energy sources (e.g., solar, wind, geothermal, biomass and biogas)?	Yes ☐	No ☐	N/A☒
Is the Contractor employing 2007 or newer or retrofitted (BART*) diesel on-road trucks and non-road equipment?	Yes ☐	No ☐	N/A☒
Is vehicle idling adequately reduced per 6NYCRR Part 217-3?	Yes ☒	No ☐	N/A☐
Have equipment operators been trained in the idling requirements of 6NYCRR Part 217-3?	Yes ☐	No ☐	N/A☒
Is BART-equipped equipment properly maintained and working?	Yes ☐	No ☐	N/A☒
Is work being sequenced to avoid double handling?	Yes ☐	No ☐	N/A☒
Is there an onsite recycling program for CONTRACTOR-generated wastes and is it complied with?	Yes ☐	No ☐	N/A☒
Are office trailer heating and cooling systems maintained at efficient set points, have programable thermostats been installed?	Yes ☐	No ☐	N/A☒
Are products and materials used in performance of the work appropriately certified (e.g., LEED, Energy Star, Sustainable Forestry Initiative®, etc.)?	Yes ☐	No ☐	N/A☒
Are resiliency features included in the design, or completed remedy properly installed and/or maintained (flood control, storm water controls, erosion measures, etc.)?	Yes ☐	No ☐	N/A☒
Are green remediation elements included in the design, or completed remedy properly installed and/or maintained (e.g., porous pavement, geothermal, variable speed drives, native plantings, natural stream bank restoration, etc.)?	Yes ☐	No ☐	N/A☒
Has Contractor been notified of any deficiencies?	Yes ☐	No ☐	N/A☒
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes ☐	No ☐	N/A☒
Comments:			

* BART – Best Available Retrofit Technology

DAILY INSPECTION REPORT
(ServAll Laundry), Site No. 152077

Date: 10/16/2023

NYSDEC
Division of Environmental Remediation

NEW YORK STATE | Department of Environmental Conservation

Contract No. D009806
DEC PM – J.Stefansky
Engineer PM – J.Oliver
Engineer Insp. – A. Carey

Site Location: 8 Drayton Ave, Bay Shore NY 11706

Weather Conditions

General Description	Clear	AM	Clear	PM
Temperature	50F	AM	72F	PM
Wind	None	AM	none	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

Normal PPE expected

Summary of Work Performed	Arrived at site:	1200	Departed Site:	1915

(1200) EA onsite (A. Carey, Matt Boyle) at ServAll to begin well sampling;
(1215) EA leaves site to purchase tubing for Horiba connections
(1250) EA returns to site
(1355) Pumping begins at MW-3A and 3B; sampled at 15:27 and 15:30 respectively
(1645) Pumping begins at MW-02
(1730) Pumping begins at MW-01; sampled at 18:40
(1845) Decon equipment for next days use and arrange samples in coolers
(1915) EA offsite

Equipment/Material Tracking
If any box below is checked "Yes", provide explanation under "Material Tracking Comments".

Were there any vehicles which did not display proper D.O.T numbers and placards?	*Yes	No	NA X
Were there any vehicles which were not tarped?	* Yes	No	NA X
Were there any vehicles which were not decontaminated prior to exiting the work site?	* Yes	No	NA X

Personnel and Equipment

Individual	Company	Trade	Total Hours
Adam Carey	EA	Geologist	7.25
Matt Boyle	EA	Intern	7.25

Equipment Description	Contractor/Vendor	Quantity	Used
Bladder Pump and MP-50 controller	Pine	2	Yes
PID	Pine	1	Yes
Water Level Meter	Pine	1	No

Material Description	Imported/ Delivered to Site	Exported off Site	Waste Profile (If Applicable)	Source or Disposal Facility (If Applicable)	Daily Loads	Daily Weight (tons)*

Equipment/Material Tracking Comments:

Visitors to Site

Name	Representing	Entered Exclusion/CRZ Zone	
None			

Site Representatives

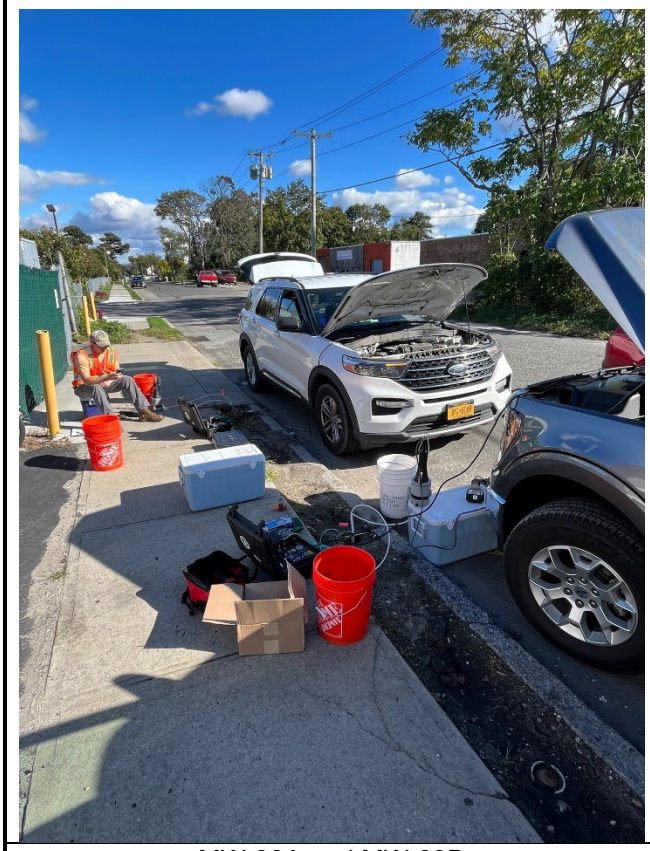
Name	Representing

Project Schedule Comments

Issues Pending
None.

Interaction with Public, Property Owners, Media, etc.
None.

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

Site Photographs (Descriptions Below)	
	
MW-03A and MW-03B	
Comments	
N/A	

Site Inspector(s): Adam Carey (EA)	**Date: 10/16/23**

Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work? Yes ☐ No ☒ N/A ☐

REMEDIAL ACTIVITIES AT PROPERTIES

1. Does anyone at this location have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes ☐	No ☒
2. Have anyone at this location been tested and confirmed to have COVID-19?	Yes ☐	No ☒
3. Were personal protective gloves, masks, and eye protection being used?	Yes ☐	No ☒
4. Does the Department and its contractors have your permission to enter the property at this time?	Yes ☐	No ☐
5. If Yes to 1 or 2, follow the latest NYSDOH COVID-19 guidance: https://coronavirus.health.ny.gov/home	Yes ☐	No ☐
Comments: N/A		

ON-SITE WASTE STORAGE

Drums, roll offs and piles are staged in secure areas?	Yes ☐	No ☐	N/A☒
Liners and berms have been installed if necessary to prevent cross contamination of clean areas?	Yes ☐	No ☐	N/A☒
Containers are in good condition or properly overpacked?	Yes ☐	No ☐	N/A☒
Waste materials are scheduled to be properly characterized and disposed of prior to demobilization?	Yes ☐	No ☐	N/A☒
Complying with RCRA 90 day storage limitation for hazardous waste?	Yes ☐	No ☐	N/A☒
Piles are securely covered when not in use?	Yes ☐	No ☐	N/A☒
Containers are closed when not in use?	Yes ☐	No ☐	N/A☒
Staging areas should be inspected periodically and any issues addressed immediately?	Yes ☐	No ☐	N/A☒
Signage and labeling comply with RCRA requirements for all staging areas and containers?	Yes ☐	No ☐	N/A☒
If any issues noted, has Contractor been notified?	Yes ☐	No ☐	N/A☒
Comments:			

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☒	N/A☐
Were there any odors detected on this date?	Yes ☐	No ☒	N/A☐
Was noise outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☒	N/A☐
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☒	N/A☐
Was turbidity checked at the outfall(s)?	AM ☐	PM ☐	N/A☒
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes ☐	No ☐	N/A☒

Was the temporary fabric structure closed at the end of the day?	Yes ☐	No ☐	N/A☒
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes ☐	No ☐	N/A☒
If yes, has Contractor been notified?	Yes ☐	No ☐	N/A☒
Comments: N/A			

RESILIENCE/GREEN REMEDIATION CHECKLIST

Is site power procured from renewable energy sources (e.g., solar, wind, geothermal, biomass and biogas)?	Yes ☐	No ☐	N/A☒
Is the Contractor employing 2007 or newer or retrofitted (BART*) diesel on-road trucks and non-road equipment?	Yes ☐	No ☐	N/A☒
Is vehicle idling adequately reduced per 6NYCRR Part 217-3?	Yes ☒	No ☐	N/A☐
Have equipment operators been trained in the idling requirements of 6NYCRR Part 217-3?	Yes ☐	No ☐	N/A☒
Is BART-equipped equipment properly maintained and working?	Yes ☐	No ☐	N/A☒
Is work being sequenced to avoid double handling?	Yes ☐	No ☐	N/A☒
Is there an onsite recycling program for CONTRACTOR-generated wastes and is it complied with?	Yes ☐	No ☐	N/A☒
Are office trailer heating and cooling systems maintained at efficient set points, have programable thermostats been installed?	Yes ☐	No ☐	N/A☒
Are products and materials used in performance of the work appropriately certified (e.g., LEED, Energy Star, Sustainable Forestry Initiative®, etc.)?	Yes ☐	No ☐	N/A☒
Are resiliency features included in the design, or completed remedy properly installed and/or maintained (flood control, storm water controls, erosion measures, etc.)?	Yes ☐	No ☐	N/A☒
Are green remediation elements included in the design, or completed remedy properly installed and/or maintained (e.g., porous pavement, geothermal, variable speed drives, native plantings, natural stream bank restoration, etc.)?	Yes ☐	No ☐	N/A☒
Has Contractor been notified of any deficiencies?	Yes ☐	No ☐	N/A☒
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes ☐	No ☐	N/A☒
Comments:			

* BART – Best Available Retrofit Technology

DAILY INSPECTION REPORT
(ServAll Laundry), Site No. 152077

Date: 10/17/2023

NYSDEC
Division of Environmental Remediation

NEW YORK STATE | Department of Environmental Conservation

Contract No. D009806
DEC PM – J.Stefansky
Engineer PM – J.Oliver
Engineer Insp. – A. Carey

Site Location: 8 Drayton Ave, Bay Shore NY 11706

Weather Conditions

General Description	Clear	AM	Clear	PM
Temperature	50F	AM	72F	PM
Wind	None	AM	none	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

Normal PPE expected

Summary of Work Performed	Arrived at site:	0800	Departed Site:	1845

(0800) EA onsite (A. Carey, Matt Boyle) at ServAll to begin well sampling;
(0835) Pumping begins at MW-11; sampled with a duplicate (152077-MW-11D-10172023) at 09:38
(0945) Collected field blank at MW-11 site
(1030) Collected MS/MSD at MW-11 site
(1225) Pumping at both MW-04 and MW-06A begins (MB at MW-4, AC at MW-06A)
(1320) A. Carey gauges MW-06B (known to be dry) and confirms lack of water column sufficient for sampling with this bladder pump
(1347) MW-04 sampled
(1400) MW-06A sampled
(1500) Pump and water meter will not go past ~27ft in MW-05; also not enough water to sample
(1545) Pumping begins on MW-23s and MW-23d
(1730) MW-23d sampled
(1734) MW-23s sampled
(1810) Decon of pumps complete; move to MW-16 area
(1830) Water meter but not pump passing beyond ~20ft bgs, will not sample because pump cannot be set at mid-screen
(1845) EA offsite

Equipment/Material Tracking
If any box below is checked "Yes", provide explanation under "Material Tracking Comments".

Were there any vehicles which did not display proper D.O.T numbers and placards?	*Yes	No	NA X
Were there any vehicles which were not tarped?	* Yes	No	NA X
Were there any vehicles which were not decontaminated prior to exiting the work site?	* Yes	No	NA X

Personnel and Equipment

Individual	Company	Trade	Total Hours
Adam Carey	EA	Geologist	11
Matt Boyle	EA	Intern	11

Equipment Description	Contractor/Vendor	Quantity	Used
Bladder Pump and MP-50 controller	Pine	2	Yes
PID	Pine	1	Yes
Water Level Meter	Pine	1	Yes

Material Description	Imported/ Delivered to Site	Exported off Site	Waste Profile (If Applicable)	Source or Disposal Facility (If Applicable)	Daily Loads	Daily Weight (tons)*

Equipment/Material Tracking Comments:

Visitors to Site

Name	Representing	Entered Exclusion/CRZ Zone	
None			

Site Representatives

Name	Representing

Project Schedule Comments

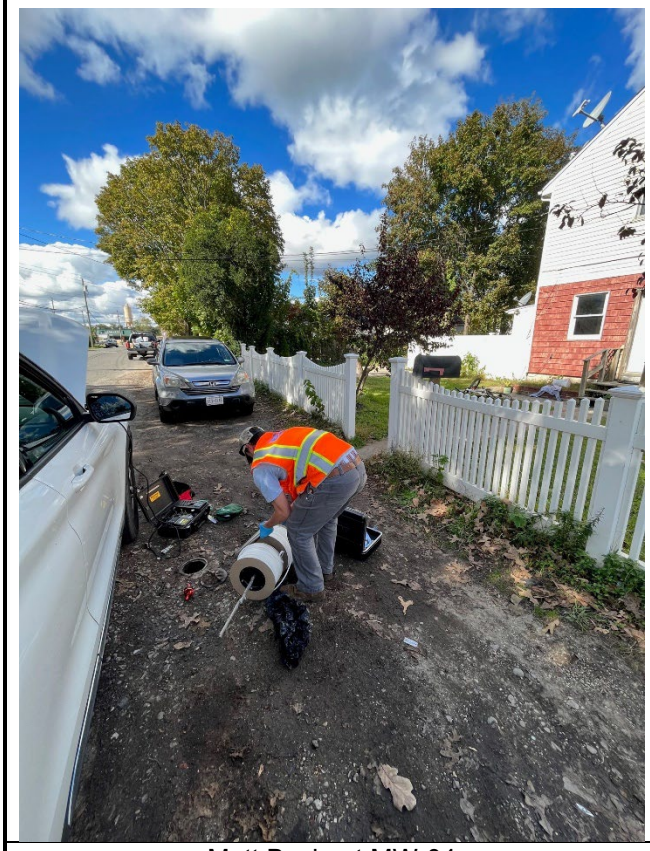
Issues Pending

None.

Interaction with Public, Property Owners, Media, etc.

None.

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

Site Photographs (Descriptions Below)	
	
Matt Boyle at MW-04	Sampling at MW-06A

	
Sampling at MW-23d (foreground) and MW-23s	
Comments	
N/A	
Site Inspector(s): Adam Carey (EA)	**Date: 10/17/23**

Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work? Yes ☐ No ☒ N/A ☐

REMEDIAL ACTIVITIES AT PROPERTIES

1. Does anyone at this location have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes ☐	No ☒
2. Have anyone at this location been tested and confirmed to have COVID-19?	Yes ☐	No ☒
3. Were personal protective gloves, masks, and eye protection being used?	Yes ☐	No ☒
4. Does the Department and its contractors have your permission to enter the property at this time?	Yes ☐	No ☐
5. If Yes to 1 or 2, follow the latest NYSDOH COVID-19 guidance: https://coronavirus.health.ny.gov/home	Yes ☐	No ☐
Comments: N/A		

ON-SITE WASTE STORAGE

Drums, roll offs and piles are staged in secure areas?	Yes ☐	No ☐	N/A☒
Liners and berms have been installed if necessary to prevent cross contamination of clean areas?	Yes ☐	No ☐	N/A☒
Containers are in good condition or properly overpacked?	Yes ☐	No ☐	N/A☒
Waste materials are scheduled to be properly characterized and disposed of prior to demobilization?	Yes ☐	No ☐	N/A☒
Complying with RCRA 90 day storage limitation for hazardous waste?	Yes ☐	No ☐	N/A☒
Piles are securely covered when not in use?	Yes ☐	No ☐	N/A☒
Containers are closed when not in use?	Yes ☐	No ☐	N/A☒
Staging areas should be inspected periodically and any issues addressed immediately?	Yes ☐	No ☐	N/A☒
Signage and labeling comply with RCRA requirements for all staging areas and containers?	Yes ☐	No ☐	N/A☒
If any issues noted, has Contractor been notified?	Yes ☐	No ☐	N/A☒
Comments:			

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☒	N/A☐
Were there any odors detected on this date?	Yes ☐	No ☒	N/A☐
Was noise outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☒	N/A☐
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☒	N/A☐
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☒	N/A☐
Was turbidity checked at the outfall(s)?	AM ☐	PM ☐	N/A☒
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes ☐	No ☐	N/A☒

Was the temporary fabric structure closed at the end of the day?	Yes ☐	No ☐	N/A☒
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes ☐	No ☐	N/A☒
If yes, has Contractor been notified?	Yes ☐	No ☐	N/A☒
Comments: N/A			

RESILIENCE/GREEN REMEDIATION CHECKLIST

Is site power procured from renewable energy sources (e.g., solar, wind, geothermal, biomass and biogas)?	Yes ☐	No ☐	N/A☒
Is the Contractor employing 2007 or newer or retrofitted (BART*) diesel on-road trucks and non-road equipment?	Yes ☐	No ☐	N/A☒
Is vehicle idling adequately reduced per 6NYCRR Part 217-3?	Yes ☒	No ☐	N/A☐
Have equipment operators been trained in the idling requirements of 6NYCRR Part 217-3?	Yes ☐	No ☐	N/A☒
Is BART-equipped equipment properly maintained and working?	Yes ☐	No ☐	N/A☒
Is work being sequenced to avoid double handling?	Yes ☐	No ☐	N/A☒
Is there an onsite recycling program for CONTRACTOR-generated wastes and is it complied with?	Yes ☐	No ☐	N/A☒
Are office trailer heating and cooling systems maintained at efficient set points, have programable thermostats been installed?	Yes ☐	No ☐	N/A☒
Are products and materials used in performance of the work appropriately certified (e.g., LEED, Energy Star, Sustainable Forestry Initiative®, etc.)?	Yes ☐	No ☐	N/A☒
Are resiliency features included in the design, or completed remedy properly installed and/or maintained (flood control, storm water controls, erosion measures, etc.)?	Yes ☐	No ☐	N/A☒
Are green remediation elements included in the design, or completed remedy properly installed and/or maintained (e.g., porous pavement, geothermal, variable speed drives, native plantings, natural stream bank restoration, etc.)?	Yes ☐	No ☐	N/A☒
Has Contractor been notified of any deficiencies?	Yes ☐	No ☐	N/A☒
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes ☐	No ☐	N/A☒
Comments:			

* BART – Best Available Retrofit Technology

DAILY INSPECTION REPORT
(ServAll Laundry), Site No. 152077

Date: 10/18/2023

NYSDEC
Division of Environmental Remediation

NEW YORK STATE | Department of Environmental Conservation

Contract No. D009806
DEC PM – J.Stefansky
Engineer PM – J.Oliver
Engineer Insp. – A. Carey

Site Location: 8 Drayton Ave, Bay Shore NY 11706

Weather Conditions

General Description	Cloudy	AM	Clear	PM
Temperature	47F	AM	72F	PM
Wind	None	AM	none	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

Normal PPE expected

Summary of Work Performed	Arrived at site:	0715	Departed Site:	1130

(0715) EA onsite (A. Carey, Matt Boyle) at ServAll to begin well sampling;
(0800) Pumping begins at MW-12; sampled at 08:46
(0830) A. Carey attempts to pump at MW-13 but pump will not pass below ~15ft; moving to MW-14
(0930) Sampling MW-14 (152077-MW-14-10182023)
(1000) Equip blank collected
(1020) Field blank collected
(1030) Leave MW-12/14 area to return to all wells for gauging and packing coolers
(1130) EA offsite

Equipment/Material Tracking
If any box below is checked "Yes", provide explanation under "Material Tracking Comments".

Were there any vehicles which did not display proper D.O.T numbers and placards?	*Yes	No	NA X
Were there any vehicles which were not tarped?	* Yes	No	NA X
Were there any vehicles which were not decontaminated prior to exiting the work site?	* Yes	No	NA X

Personnel and Equipment

Individual	Company	Trade	Total Hours
Adam Carey	EA	Geologist	4.25
Matt Boyle	EA	Intern	4.25

Equipment Description	Contractor/Vendor	Quantity	Used
Bladder Pump and MP-50 controller	Pine	2	Yes
PID	Pine	1	Yes
Water Level Meter	Pine	1	Yes

Material Description	Imported/ Delivered to Site	Exported off Site	Waste Profile (If Applicable)	Source or Disposal Facility (If Applicable)	Daily Loads	Daily Weight (tons)*

Equipment/Material Tracking Comments:

Visitors to Site

Name	Representing	Entered Exclusion/CRZ Zone	
None			

Site Representatives

Name	Representing

Project Schedule Comments

Issues Pending
None.

Interaction with Public, Property Owners, Media, etc.
None.

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

Site Photographs (Descriptions Below)	
Comments	
N/A	
Site Inspector(s): Adam Carey (EA)	**Date: 10/18/23**

Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work? Yes ☐ No ☒ N/A ☐

REMEDIAL ACTIVITIES AT PROPERTIES

1. Does anyone at this location have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes ☐	No ☒
2. Have anyone at this location been tested and confirmed to have COVID-19?	Yes ☐	No ☒
3. Were personal protective gloves, masks, and eye protection being used?	Yes ☐	No ☒
4. Does the Department and its contractors have your permission to enter the property at this time?	Yes ☐	No ☐
5. If Yes to 1 or 2, follow the latest NYSDOH COVID-19 guidance: https://coronavirus.health.ny.gov/home	Yes ☐	No ☐
Comments: N/A		

ON-SITE WASTE STORAGE

Drums, roll offs and piles are staged in secure areas?	Yes ☐	No ☐	N/A☒
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Complying with RCRA 90 day storage limitation for hazardous waste?	Yes ☐	No ☐	N/A☒
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If yes, has Contractor been notified?	Yes ☐	No ☐	N/A☒
Comments: N/A			

RESILIENCE/GREEN REMEDIATION CHECKLIST

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Comments:			

* BART – Best Available Retrofit Technology

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Appendix C

Field Equipment Calibration Forms

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

CALIBRATION	
DATE:	10/16/23
TIME:	13:00
METER ID:	14420

pH CALIBRATION

pH STANDARD	INITIAL READING	FINAL READING
4.0	4.05	3.98

CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49		4.50

TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0 NTU	3.6	0.0

COMMENTS

SIGNATURE

Adam Carey

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

CALIBRATION
DATE: 10/16/2023
TIME: 1257
METER ID: 25336

pH CALIBRATION

pH STANDARD	INITIAL READING	FINAL READING
4.0	5.80	4.0

CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49	4.99	4.49

TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0 NTU	2.2	0.8

COMMENTS

SIGNATURE