Groundwater Monitoring Report
(January 2024 Event)
Franklin Cleaners (130050)
Hempstead, New York

Prepared for

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

NEW YORK STATE | Department of Environmental Conservation

Prepared by

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June 2024
Version: FINAL
EA Project No. 1602534.0003

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LIST OF ACRONYMS/ABBREVIATIONS

µg/kg	Microgram(s) per kilogram
µg/L	Microgram(s) per liter
%	Percent
AS	Air sparging
DO	Dissolved oxygen
EA	EA Engineering, P.C. and its affiliate EA Science and Technology
EPA	U.S. Environmental Protection Agency
ft	Foot (feet)
GWETS	Groundwater extraction and treatment system
MACTEC	MACTEC Engineering and Geology P.C.
mg/L	Milligram(s) per liter
MTBE	Methyl tert-butyl ether
No.	Number
NTU	Nephelometric turbidity unit
NYSDEC	New York State Department of Environmental Conservation
ORP	Oxidation-reduction potential
PCE	Tetrachloroethene
PDI	Pre-Design Investigation
P.E.	Professional Engineer
PFAS	Per- and polyfluoroalkyl substances
PFOA	Perfluorooctanoic acid
PFOS	Perfluorooctanesulfonic acid
P.G.	Professional Geologist
SSDS	Sub-slab depressurization system
SVE	Soil vapor extraction
VOC	Volatile organic compound

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1. INTRODUCTION

EA Engineering, P.C. and its affiliate EA Science and Technology (EA) was tasked by the New York State Department of Environmental Conservation (NYSDEC) under Work Assignment Number (No.) D009806-34 to perform site management tasks at the Franklin Cleaners Site (hereinafter referred to as the Site), located in the city of Hempstead, Nassau County, New York (**Figure 1**). The Site is currently in the New York State Inactive Hazardous Waste Disposal Site Remedial Program (Site Number [No.] 130050), which is administered by NYSDEC. Site management tasks include annual inspections to evaluate the existing well network and groundwater monitoring on a fifth quarter basis (once every 15 months) to characterize the groundwater plume. This Groundwater Monitoring Report documents the April 2023 and January 2024 site inspections and January 2024 groundwater monitoring event. The site inspection and groundwater monitoring activities were completed in accordance with the applicable guidelines and requirements of NYSDEC.

1.1 SITE LOCATION AND DESCRIPTION

The Site is a former dry cleaning facility located at 206-208B South Franklin Street in the Incorporated Village of Hempstead, Nassau County, New York within a mixed residential-commercial area bordered by Marvin Avenue to the south, private residences to the north and east, and commercial buildings and South Franklin Street to the west (**Figure 1** and **Figure 2**). The Site is part of a small strip mall that was constructed in 1956 and currently includes a two-story building with a coin-operated laundromat and delicatessen on the first floor, residential apartments on the second floor, and a full basement.

1.2 BACKGROUND

The former Franklin Cleaners operated as a dry cleaning establishment under various names from 1957 to 1991, with Franklin Cleaners beginning operations during the late 1970s or early 1980s and Grace Cleaners operating at the Site from 1990 to 1991. During the years when a dry cleaner operated at the property, a spent dry cleaning fluid cooker operated in the basement of the building.

In March 1990, the Nassau County Department of Health (NCDH) investigated a complaint of tainted drinking water from a private residence, located approximately 100 feet (ft) southwest and downgradient of the site. The private supply wells on this property were found to contain PCE at concentrations up to 29,000 micrograms per liter (µg/L) (NCDH 1990). Due to the Site's upgradient location from the PCE contamination identified at the private residence, in April 1990, the NCDH performed an inspection of the Site including collection of soil samples from soil exposed at gaps in the Site building's basement and surface soil from the rear of the property. Soil sampling revealed significant PCE contamination of on-site soil. A Preliminary Site Assessment and a follow-up Remedial Investigation (RI) were completed at the site in 1993 and 1997, respectively (Nassau County Department of Public Works 1993 and Dvirka and Bartilucci Consulting Engineers 1998). These investigations identified significant concentrations of PCE in on-site soil, groundwater and indoor air, and a narrow plume of chlorinated VOCs, comprised predominantly of PCE, extending approximately 1 mile downgradient of the Site in a southerly

direction. Based on the findings of the RI, the NYSDEC issued a Record of Decision (ROD) for the Site on March 30, 1998.

Remedial activities have been conducted at and downgradient of the Site based on the requirements of the 1998 ROD (NYSDEC 1998) to address chlorinated-solvent contamination associated with the historical use of the Site as a dry cleaner. Remediation of the Site source area soil and groundwater contamination was completed in August 2004 via the operation of a soil vapor extraction and air sparging (SVE/AS) system. A sub-slab depressurization system was installed within the site building basement in January 2007 to address concentrations of chlorinated VOCs that were detected in soil gas immediately beneath the basement floor slab following decommissioning of the SVE/AS system. Additionally, a groundwater extraction and treatment system (GWE&TS) was installed approximately 1 mile downgradient of the Site (**Figure 1** and **Figure 3**) and operated from September 2004 to July 2017 to capture and treat the remaining groundwater contamination plume extending from the Site. The GWE&TS was shut down in July 2017 as the operational and performance data set for the system, as configured, was reaching asymptotic conditions (D&B Engineers and Architects, P.C. [D&B] 2020). Residual contamination in soil vapor and groundwater is being managed under a Site Management Plan (D&B 2020).

1.3 OBJECTIVES

In accordance with the March 1998 ROD, routine long-term groundwater monitoring has been completed in association with the GWE&TS since system start-up in September 2004 to evaluate effectiveness of the remedy. Per the SMP, groundwater monitoring will continue until concentrations of PCE are less than the ambient water quality standard of 5 µg/L (NYSDEC 1998) for 2 consecutive sampling events. Samples are collected every 5 quarters (15 months) based on the anticipated continuing decline in groundwater VOC concentrations. If PCE concentrations greater than the ambient water quality standard are detected, the sampling frequency may be increased to biannually (every 6 months) at the discretion of the NYSDEC.

At the request of the NYSDEC, emerging contaminants (per- and polyfluoroalkyl substances [PFAS] and 1,4-dioxiane) are also being evaluated at the Site in accordance with the November 2022 *Guidelines for Sampling and Analysis of PFAS Under NYSDEC's Part 375 Remedial Programs*. Annual inspections are conducted to evaluate the existing monitoring well network, which consists of seven monitoring wells and two extraction wells (**Figure 3**):

- ASMW-1, ASMW-2, ASMW-3, ASMW-4, ASMW-5, ASMW-6, ASMW-7, EW-1, and EW-2

Monitoring well inspections were conducted on 3 April 2023 and 8-10 January 2024. Groundwater sampling was conducted on 8-10 January 2024.

1.4 REPORT ORGANIZATION

A summary of the April 2023 and January 2024 inspection activities and January 2024 groundwater sampling activities is provided in Section 2. January 2024 analytical results are presented in Section 3. Conclusions and recommendations are discussed in Section 4.

The following are also provided as appendixes:

- **Appendix A—**Monitoring Well Assessment Checklists
- **Appendix B—**Daily Field Reports
- **Appendix C—**Field Equipment Calibration Forms
- **Appendix D—**Groundwater Sampling Purge Forms
- **Appendix E—**Chain-of-Custody

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2. FIELD ACTIVITIES

2.1 SITE INSPECTION

An initial site inspection was conducted on 3 April 2023. EA was met by J. Stefansky (NYSDEC's Project Manager) on-site to brief EA on upcoming decommissioning and salvage of treatment system. EA personnel located on-site wells with the following observations:

- EW-1 and EW-2 are not located in confined spaces. The wells are no longer in service and should be abandoned.
- ASMW-1, ASMW-2, and ASMW-3 were located. ASMW-1 and ASMW-2 are missing bolts.
- ASMW-4, ASMW-5, ASMW-6, and ASMW-7 were not located.

A second site inspection was conducted on 8-10 January 2024 concurrent with the groundwater monitoring event . A total of seven monitoring wells were located and inspected, including ASMW-1, ASMW-2, ASMW-3, ASMW-4, ASMW-5, ASMW-6, and ASMW-7. The following observations were noted in well assessment checklists provided in **Appendix A**:

- Concrete pads at ASMW-4 and ASMW-5 are cracked and both wells are missing bolts.
- ASMW-6 was located buried under mulch.

2.2 GROUNDWATER MONITORING

Groundwater sampling was conducted on 8-10 January 2024, with samples collected from 7 monitoring wells (ASMW-1, ASMW-2, ASMW-3, ASMW-4, ASMW-5, ASMW-6, and ASMW-7). Daily field reports for the January 2024 event are provided in **Appendix B**.

Groundwater purging and sampling was conducted using low-flow sampling techniques. Wells were purged using a peristaltic 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 3-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 the following water quality parameters were recorded on groundwater sampling purge forms provided in **Appendix D**:

- Purge rate (milliliters per minute)
- Temperature (degrees Celsius)
- pH
- Specific conductance (Siemens per centimeter)

- DO (milligrams per liter [mg/L])
- ORP (millivolts)
- Turbidity (nephelometric turbidity units [NTU])

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% (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% 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/quality control samples collected for groundwater samples included one matrix spike/matrix spike duplicate, one field duplicate, and daily equipment blanks. Each groundwater sample was collected for off-site laboratory analysis of VOCs by U.S. Environmental Protection Agency (EPA) Method SW8260D and emerging contaminants including PFAS by EPA Method 1633 and 1,4-dioxane by EPA Method SW8270E-SIM. Sample identifications, sample dates/times, and quality assurance/quality control sample locations are presented in **Table 1**.

Samples were placed on ice in sample coolers immediately after collection to ensure proper preservation. Pertinent sample information was recorded on the associated chain-of-custody (**Appendix E**), and samples were shipped overnight via Federal Express shipping to SGS North America Inc. in Dayton, New Jersey under secure chain-of-custody protocol. Analytical results are available upon request. 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 discharged to ground. Non-contaminated trash and debris (e.g., wastepaper, food and beverage containers, and expendables) was placed in a trash dumpster and disposed of by a local garbage hauler. Expendable materials used during the investigation (e.g., used tubing, nitrile gloves, etc.) were double-bagged and properly disposed of as general debris/trash.

3. GROUNDWATER ANALYTICAL RESULTS

The January 2024 VOC and emerging contaminant (PFAS and 1,4-dioxane) analytical results are summarized in **Table 2** and discussed in the subsections below. Groundwater analytical results were compared to the NYSDEC Class GA groundwater standards and guidance values (6 New York Code of Rules and Regulations Part 703.5 Water Quality Regulations, as presented in the Division of Water Technical and Operational Guidance Series 1.1.1, 1998, as amended) (NYSDEC 1998). Groundwater at the site flows south-southwest (**Figure 4**).

3.1 VOLATILE ORGANIC COMPOUNDS (VOCS)

Two VOCs, PCE and methyl tert-butyl ether (MTBE), were detected in groundwater samples collected during the January 2024 sampling event, as presented in **Table 2**. Concentrations were below NYSDEC Class GA groundwater standards and guidance values (5 µg/L for PCE and 10 µg/L for MTBE).

- PCE: Detected at two of seven monitoring wells, including ASMW-1 (3.4 µg/L) and ASMW-2 (1.1 µg/L).

- MTBE: Detected at two of seven monitoring wells, including ASMW-5 (estimated 0.82 µg/L) and ASMW-6 (estimated 0.73 µg/L).

3.2 EMERGING CONTAMINANTS (PFAS AND 1,4-DIOXANE)

Ten PFAS analytes were detected in groundwater samples collected during the January 2024 sampling event, as presented in **Table 2**. Perfluorooctanesulfonic acid (PFOS) and perfluorooctanoic acid (PFOA) were detected at concentrations in exceedance of the NYSDEC Class GA groundwater standards and guidance values (**Figure 5**):

- PFOS exceeded the Class GA groundwater guidance value of 2.7 nanograms per liter (ng/L) at ASMW-1, ASMW-2, ASMW-3, and ASMW-4 with concentrations ranging from 7 ng/L at ASMW-4 to 26.1 ng/L at ASMW-3.

- PFOA exceeded the Class GA groundwater guidance value of 6.7 ng/L at 5 of 7 wells sampled (each well except ASMW-6 and ASMW-7), with concentrations ranging from 9.4 ng/L at ASMW-5 to 31.1 ng/L at ASMW-1.

1,4-dioxane was detected in groundwater samples collected from monitoring wells ASMW-5 and ASMW-6 during the January 2024 sampling event at concentrations below the NYSDEC Class GA groundwater standard of 0.35 µg/L.

3.3 HISTORICAL TREND

PCE was historically detected at concentrations above the Class GA groundwater standard in monitoring wells ASMW-1 and ASMW-2. PCE concentrations at ASMW-1 initially increased following shutdown of the GWE&TS in July 2017, with an increase from 5.3 µg/L in October

2017 to 74 µg/L in January 2019. Concentrations have decreased since January 2019, with concentrations during the latest monitoring event in January 2024 (3.4 µg/L) declining to below the NYSDEC Class GA groundwater standard of 5 µg/L. PCE concentrations at ASMW-2 initially demonstrated an overall increasing trend following shutdown of the GWE&TS in July 2017, with concentrations increasing from 1.7 µg/L in October 2017 to 15 µg/L in April and July 2019. Concentrations at ASMW-2 have steadily decreased since July 2019, with concentrations below the Class GA standard since January 2020.

PFAS were initially sampled in July 2017. PFOS and /or PFOA have consistently been detected at concentrations above guidance values (0.0027 µg/L for PFOS and 0.0067 µg/L for PFOA) at the following locations:

- ASMW-1: PFOS and PFAS concentrations continuously above guidance values since July 2017; PFOS concentrations ranging from 10.4 ng/L in July 2017 to 22 ng/L in October 2022; PFAS concentrations ranging from 20.9 ng/L in July 2017 to 42 ng/L in October 2022

- ASMW-2: PFOS and PFAS concentrations continuously above guidance values since July 2017; PFOS concentrations ranging from 12.8 ng/L in July 2017 to 22 ng/L in July 2019 and declining from July 2019 through January 2014 (16.1 ng/L); PFAS concentrations ranging from 24 ng/L in January 2020 to 40.1 ng/L in July 2021

- ASMW-3: PFOS and PFAS concentrations continuously above guidance values since July 2017; PFOS concentrations ranging from 21.5 ng/L in July 2021 to 27 ng/L in October 2019; PFAS concentrations ranging from 19.1 ng/L in July 2021 to 50.8 ng/L in July 2017 and demonstrating an overall decreasing trend through January 2024

- ASMW-3: PFOS and PFAS concentrations above guidance values in April 2019 and continuously from October 2019 through January 2024; PFOS concentrations ranging from 7 ng/L in January 2024 to 8.45 ng/L in July 2021; PFAS concentrations ranging from 16 ng/L in April 2019 to 32 ng/L in October 2022

- ASMW-3: PFAS concentrations continuously above guidance values since April 2019, with concentrations ranging from 9.4 ng/L in January 2024 to 15.9 ng/L in July 2021

- EW-1: PFOS and PFAS concentrations continuously above guidance values from July 2017 through the latest sampling event conducted at this location in October 2022; PFOS concentrations ranging from 13 ng/L in January 2020 to 27 ng/L in October 2022; PFAS concentrations ranging from 21 ng/L in January 2020 to 32 ng/L in October 2022

- EW-2: PFOS and PFAS concentrations continuously above guidance values from July 2017 through the latest sampling event conducted at this location in October 2022; PFOS concentrations ranging from 11 ng/L in January 2020 to 20 ng/L in October 2022; PFAS concentrations ranging from 22 ng/L in January 2020 to 35 ng/L in October 2022.

1,4-dioxane was initially sampled in July 2017 and concentrations were historically detected at concentrations above the Class GA groundwater standard of 0.35 µg/L in one or more sampling events at the following locations:

- ASMW-3 in July 2021 (0.73 µg/L)
- ASMW-5 in July 2017 (estimated 0.36 µg/L) and October 2022 (0.38 µg/L)
- ASMW-6 in July 2017, April 2019, and January 2020 through October 2022, with concentrations ranging from 0.45 µg/L in April 2019 to an estimated 1.1 µg/L in July 2017)
- ASMW-7 in July 2017 (estimated 2.9 µg/L) and January 2020 (0.59 µg/L).

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4. CONCLUSIONS AND RECOMMENDATIONS

Based on the January 2024 groundwater analytical results, no chlorinated VOCs were detected in groundwater monitoring wells at concentrations above NYSDEC Class GA groundwater standards PCE was detected in groundwater below the Class GA standard at monitoring wells ASMW-1 and ASMW-2. concentrations were below Class GA standard of 5 µg/L. January 2024 was the first monitoring event in which PCE concentrations at each monitoring well were below the ambient water quality standard of 5 µg/L (NYSDEC 1998). Per the SMP, groundwater monitoring will continue until concentrations of PCE are less than the ambient water quality standard of 5 µg/L (NYSDEC 1998) for 2 consecutive sampling events unless otherwise approved by the NYSDEC Project Manager. It is recommended that groundwater monitoring should be discontinued at this point.

Emerging contaminant analytical results indicate elevated concentrations of PFOS and PFOA in Site groundwater. Concentrations of 1,4-dioxane at the site have decreased below the Class GA groundwater standard of 0.35 µg/L. Due to the ubiquitous nature of PFOS and PFOA in regional groundwater, continued monitoring at this site is no longer recommended.

Based on the recommendation that groundwater monitoring be discontinued, all monitoring wells associated with this Site are also recommended to be properly abandoned.

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5. REFERENCES

Dvirka and Bartilucci Consulting Engineers. 1998. Remedial Investigation and Feasibility Study Report, Franklin Cleaners Site. Prepared for the New York State Department of Environmental Conservation. November.

D&B Engineers and Architects, P.C. (D&B). 2000. Groundwater Extraction and Treatment System Design Report, Franklin Cleaners Site. Prepared for the New York State Department of Environmental Conservation. December.

———. 2020. Site Management Plan, Franklin Cleaners Site. Prepared for the New York State Department of Environmental Conservation. February.

MACTEC Engineering and Geology, P.C (MACTEC). 2020. Quality Assurance Program Plan and Program Field Activities Plan. Prepared for the New York State Department of Environmental Conservation. April.

New York State Department of Environmental Conservation (NYSDEC). 1998a. *Record of Decision Franklin Cleaners Site Incorporated Village of Hempstead Nassau County Site Number 1-30-050.* March.

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Tables

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Table 1. Summary of Samples Collected (January 2024)

Well ID	Sample ID	Sample Date	Sample Time	MS/MSD	Location
ASMW-1	130050-ASMW-1	01/08/2024	15:52	N	Off-site
ASMW-2	130050-ASMW-2	01/08/2024	15:54	N	Off-site
ASMW-3	130050-ASMW-3	01/08/2024	17:22	N	Off-site
ASMW-4	130050-ASMW-4	01/08/2024	13:24	N	Off-site
ASMW-5	130050-ASMW-5	01/08/2024	12:54	**Y**	Off-site
ASMW-6	130050-ASMW-6	01/09/2024	08:35	N	Off-site
ASMW-7	130050-ASMW-7	01/10/2024	10:42	N	Off-site
QC Samples					
Well ID	**Sample ID**	**Sample Date**	**Sample Time**	**QC Type**	
ASMW-4	130050-DUP-01-01082024	01/08/2024	---	Field Duplicate	
NA	130050-TB-01-01102024	01/10/2024	08:00	Trip Blank	
NA	130050-RB-01-01082024	01/08/2024	17:30	Rinse Blank	
NA	130050-RB-02-01092024	01/09/2024	16:00	Rinse Blank	

Notes:
ID = Identification
MS = Matrix spike
MSD = Matrix spike duplicate
NA = Not applicable/available
QC = Quality control

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Table 2. Historical Analytical Results (2012-2024)

Location ID			ASMW-1	ASMW-1	ASMW-1	ASMW-1	ASMW-1	ASMW-1	ASMW-1	ASMW-1	ASMW-1	ASMW-1	ASMW-1	ASMW-1	ASMW-1	ASMW-1	ASMW-1	ASMW-1	ASMW-1	ASMW-1	ASMW-1	ASMW-1	ASMW-1
Sample Name			ASMW-1	ASMW1	ASMW-1	ASMW-1	ASMW-1	ASMW-1	ASMW-1	ASMW-1	ASMW-1	ASMW-1	ASMW-1	ASMW-1	ASMW-1	ASMW-1	ASMW-1	ASMW-1	ASMW-1	ASMW-1	ASMW-1	ASMW-1	ASMW-1
Parent Sample ID																							
Sample Date			3/15/2012	6/12/2012	9/26/2012	11/19/2012	1/29/2013	4/19/2013	7/8/2013	10/10/2013	2/7/2014	4/28/2014	7/22/2014	10/15/2014	1/23/2015	4/6/2015	7/6/2015	10/1/2015	1/4/2016	4/21/2016	7/6/2016	10/11/2016	1/4/2017
Analyte	Groundwater Screening Level	Unit																					
1,1,1-Trichloroethane (TCA)	5	µg/L	2.6	3.6	< 1 U	0.36 J	0.54 J	1.6	1.5 J	< 1 U	< 1 U	3.5	0.99 J	0.17 J	< 1 U	1.6	0.46 J	< 1 U	0.41 J	2.2	0.42 J	< 1 U	< 1 U
1,1,2,2-Tetrachloroethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloroethane	1	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	0.23 J	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	5	µg/L	0.67 J	1.4	< 1 U	< 1 U	0.27 J	0.7 J	< 5 U	< 1 U	< 1 U	0.82 J	0.32 J	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	0.48 J	< 1 U	< 1 U	< 1 U
1,2,3-Trichlorobenzene	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2,4-Trichlorobenzene	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dibromo-3-Chloropropane	0.04	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichlorobenzene	3	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloroethane	0.6	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloropropane	1	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,3-Dichlorobenzene	3	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,4-Dichlorobenzene	3	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,4-Dioxane (P-Dioxane)	0.35	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U
2-Chloroethyl Vinyl Ether	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 25 U	< 1 U	< 1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	50	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 UT	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Acetone	50	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 UT	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Benzene	1	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromochloromethane	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromodichloromethane	50	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromoform	50	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromomethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Carbon Disulfide	60	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Carbon Tetrachloride	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chlorobenzene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chlorodibromomethane	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UT	< 1 U	< 1 U	< 1 U	< 1 U
Chloroform	7	µg/L	0.13 J	0.18 J	< 1 U	< 1 U	< 1 U	0.19 J	< 5 U	< 1 U	< 1 U	0.16 J	0.17 J	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloromethane	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	2.4	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cis-1,2-Dichloroethylene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cis-1,3-Dichloropropene	0.4	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cyclohexane	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Dibromochloromethane	50	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Dichlorodifluoromethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Ethylbenzene	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Isopropylbenzene (Cumene)	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
m,p-Xylene	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Methyl Acetate	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 UT	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Methylcyclohexane	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Methylene Chloride	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Styrene	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Tert-Butyl Methyl Ether	10	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.29 J	0.3 J	0.32 J	0.43 J	0.3 J	0.33 J	0.18 J	0.28 J	0.36 J	0.41 J	0.21 J	0.33 J
Tetrachloroethylene (PCE)	5	µg/L	22	24	< 1 U	21	31	46	26	45	63	39	32 J	25	34	46	57	19	47	21	47	21	36
Toluene	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trans-1,2-Dichloroethene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trans-1,3-Dichloropropene	0.4	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trichloroethylene (TCE)	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	0.11 J	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trichlorofluoromethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Vinyl Chloride	2	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Xylenes, Total	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PFAS (EPA 1633/EPA 537M)																							
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorobutanoic Acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctane Sulfonamide (FOSA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	6.7	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
Screening level is the NYSDEC Class GA Ambient Water Quality Standards, 6 NYCRR Part 703, July 2021.
µg/L = Microgram(s) per liter
EPA = U.S. Environmental Protection Agency
J = Concentration is estimated
NA = Not analyzed
ng/L = Nanogram(s) per liter
NSL = No screening level available
PFAS = Per- and polyfluoroalkyl substances
U = Analyte not detected
Concentrations exceeding the screening level are shaded

Table 2. Historical Analytical Results (2012-2024)

Location ID		ASMW-1	ASMW-1	ASMW-1	ASMW-1	ASMW-1	ASMW-1	ASMW-1	ASMW-1	ASMW-1	ASMW-1	ASMW-1	ASMW-1	ASMW-1	ASMW-1	ASMW-1	ASMW-2	ASMW-2	ASMW-2	ASMW-2	ASMW-2	ASMW-2
Sample Name		ASMW-1	ASMW-1	ASMW-1-20171010	ASMW-1-20180117	ASMW-1-20180425	ASMW-1-20180705	ASMW-1-20181010	ASMW-1	ASMW-1	ASMW-1	ASMW-1	ASMW-1	ASMW-1-20210707	DUP-1-20210707	ASMW-1-20221003	ASMW-1-01082024	ASMW-2	ASMW2	ASMW-2	ASMW-2	ASMW-2
Parent Sample ID															ASMW-1-20210707							
Sample Date		4/21/2017	7/7/2017	10/10/2017	1/17/2018	4/25/2018	7/5/2018	10/10/2018	1/29/2019	4/23/2019	7/2/2019	10/15/2019	1/8/2020	7/7/2021	7/7/2021	10/3/2022	1/8/2024	3/15/2012	6/12/2012	9/26/2012	11/19/2012	1/29/2013
Analyte	Groundwater Screening Level	Unit																				
1,1,1-Trichloroethane (TCA)	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2,2-Tetrachloroethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	1	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UT	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2,3-Trichlorobenzene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA
1,2-Dibromo-3-Chloropropane	0.04	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	NA	NA	NA	NA	NA
1,2-Dibromoethane (Ethylene Dibromide)	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	3	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloroethane	0.6	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloropropane	1	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,3-Dichlorobenzene	3	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,4-Dichlorobenzene	3	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,4-Dioxane (P-Dioxane)	0.35	µg/L	NA	< 0.4 U	NA	NA	NA	NA	NA	NA	< 0.2 U	< 0.2 U	< 0.2 U	NA	< 0.2 U	0.15 J	< 0.2 U	NA	NA	NA	NA	NA
2-Chloroethyl Vinyl Ether	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
2-Hexanone	50	µg/L	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 10 U	< 5 U	NA	NA	NA	NA	NA
Acetone	50	µg/L	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 50 U	< 5 U	NA	NA	NA	NA	NA
Benzene	1	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA
Bromochloromethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA
Bromodichloromethane	50	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromoform	50	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromomethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Carbon Disulfide	60	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	NA	NA	NA	NA	NA
Carbon Tetrachloride	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chlorobenzene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chlorodibromomethane	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 0.5 U	< 1 U	NA	NA	NA	NA	NA
Chloroethane	5	µg/L	< 1 U	< 1 U	< 1 UT	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloroform	7	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	0.27 J	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	0.64 J	0.66 J	0.6 J	< 1 U	< 1 U	0.1 J	< 1 U	0.14 J	0.27 J
Chloromethane	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cis-1,2-Dichloroethylene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cis-1,3-Dichloropropene	0.4	µg/L	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cyclohexane	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	NA	NA	NA	NA	NA
Dibromochloromethane	50	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Dichlorodifluoromethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Ethylbenzene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA
Isopropylbenzene (Cumene)	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA
m,p-Xylene	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	NA	NA	NA	NA	NA
Methyl Acetate	NSL	µg/L	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 1 U	< 5 U	NA	NA	NA	NA	NA
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 20 U	< 5 U	NA	NA	NA	NA	NA
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 10 U	< 5 U	NA	NA	NA	NA	NA
Methylcyclohexane	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA
Methylene Chloride	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UT	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA
Styrene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA
Tert-Butyl Methyl Ether	10	µg/L	0.34 J	0.32 J	< 1 U	< 1 U	0.15 J	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA
Tetrachloroethylene (PCE)	5	µg/L	47	28	5.3	19	20	56	47	74	50	54	33	24	5.7	5.4	8.6	3.4	11	3.9	1.2	1.6	0.77 J
Toluene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UT	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trans-1,3-Dichloropropene	0.4	µg/L	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trichloroethylene (TCE)	5	µg/L	0.24 J	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trichlorofluoromethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Vinyl Chloride	2	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Xylenes, Total	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	< 1 U	NA	NA	NA	NA	NA
PFAS (EPA 1633/EPA 537M)																						
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	< 17 U	< 18 U	< 17 U	< 18 U	< 1.74 U	< 1.74 U	< 1.8 U	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	< 17 U	< 18 U	< 17 U	< 18 U	< 4.34 U	< 4.34 U	1.4 J	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	< 17 U	< 18 U	< 17 U	< 18 U	< 4.34 U	< 4.34 U	< 1.8 U	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	< 17 U	< 18 U	< 17 U	< 18 U	< 4.34 U	< 4.34 U	< 1.8 U	< 1.40 U	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L	NA	3.5	NA	NA	NA	NA	NA	NA	3.6	3.4	3.3	3.4	4.13	4.46	6.6	9.1	NA	NA	NA	NA
Perfluorobutanoic Acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	6.9	6.8	6.5	7	6.57	6.3	7.1	6	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1.7 U	< 1.8 U	< 1.7 U	< 1.8 U	< 1.74 U	< 1.74 U	< 1.8 U	< 1.40 U	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1.7 U	< 1.8 U	< 1.7 U	< 1.8 U	0.39 J	0.33 J	< 1.8 U	< 1.40 U	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1.7 U	< 1.8 U	< 1.7 U	< 1.8 U	< 1.74 U	< 1.74 U	NA	< 1.40 U	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1.7 U	< 1.8 U	< 1.7 U	< 1.8 U	0.53 J	0.55 J	1.5 J	< 1.40 U	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L	NA	8.57	NA	NA	NA	NA	NA	NA	11	10	9.3	9.3	8.95	9.83	11	9.1	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L	NA	11.3	NA	NA	NA	NA	NA	NA	6.2	5.8	7.5	6.3	6.51	6.73	9.6	5.9	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	9.8	11	10	11	9.83	9.69	10	10.4	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	NSL	ng/L	NA	0.82 J	NA	NA	NA	NA	NA	NA	< 1.7 U	2.5	1.9	1.8	2.18	2.3	3.1	2.5	NA	NA	NA	NA
Perfluorooctane Sulfonamide (FOSA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1.7 U	< 9 U	< 8.5 U	< 1.8 U	< 1.74 U	< 1.74 U	< 1.8 U	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L	NA	10.4	NA	NA	NA	NA	NA	NA	13	17	21	15	17.5	18.3	22	15.9	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	6.7	ng/L	NA	20.9	NA	NA	NA	NA	NA	NA	27	28	28	25	32.5	32.6	42	31.1	NA	NA	NA	NA
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	18	11	10	10	9.73	9.52	10	10.6	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1.7 U	< 1.8 U	< 1.7 U	< 1.8 U	< 1.74 U	< 1.74 U	< 1.8 U	< 1.40 U	NA	NA	NA	NA
Perfluorotridecanoic Acid (PFTrA/PFTrDA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1.7 U	< 1.8 U	< 1.7 U	< 1.8 U	< 1.74 U	< 1.74 U	< 1.8 U	< 1.40 U	NA	NA	NA	NA
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1.7 U	< 1.8 U	< 1.7 U	< 1.8 U	< 1.74 U	< 1.74 U	< 1.8 U	< 1.40 U	NA	NA	NA	NA

Notes:
Screening level is the NYSDEC Class GA Ambient Water Quality Standards, 6 NYCRR Part 703, July 2021.
µg/L = Microgram(s) per liter
EPA = U.S. Environmental Protection Agency
J = Concentration is estimated
NA = Not analyzed
ng/L = Nanogram(s) per liter
NSL = No screening level available
PFAS = Per- and polyfluoroalkyl substances
U = Analyte not detected
Concentrations exceeding the screening level are shaded

Table 2. Historical Analytical Results (2012-2024)

Location ID			ASMW-2	ASMW-2	ASMW-2	ASMW-2	ASMW-2	ASMW-2	ASMW-2	ASMW-2	ASMW-2	ASMW-2	ASMW-2	ASMW-2	ASMW-2	ASMW-2	ASMW-2	ASMW-2	ASMW-2	ASMW-2	ASMW-2	ASMW-2	ASMW-2
Sample Name			ASMW-2	ASMW-2	ASMW-2	ASMW-2	ASMW-2	ASMW-2	ASMW-2	ASMW-2	ASMW-2	ASMW-2	ASMW-2	ASMW-2	ASMW-2	ASMW-2	ASMW-2	ASMW-2	ASMW-2	ASMW-2	ASMW-2	ASMW-2	ASMW-2
Parent Sample ID																					ASMW-2-20171010	ASMW-2-20180117	ASMW-2-20180425
Sample Date			4/18/2013	7/8/2013	10/10/2013	2/7/2014	4/28/2014	7/22/2014	10/15/2014	1/23/2015	4/6/2015	7/6/2015	10/1/2015	1/4/2016	4/21/2016	7/6/2016	10/11/2016	1/4/2017	4/21/2017	7/10/2017	10/10/2017	1/17/2018	4/25/2018
Analyte	**Groundwater Screening Level**	**Unit**																					
1,1,1-Trichloroethane (TCA)	5	µg/L	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2,2-Tetrachloroethane	5	µg/L	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U
1,1,2-Trichloroethane	1	µg/L	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	5	µg/L	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	5	µg/L	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UT
1,2,3-Trichlorobenzene	5	µg/L	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2,4-Trichlorobenzene	5	µg/L	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dibromo-3-Chloropropane	0.04	µg/L	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	µg/L	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichlorobenzene	3	µg/L	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloroethane	0.6	µg/L	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloropropane	1	µg/L	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,3-Dichlorobenzene	3	µg/L	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,4-Dichlorobenzene	3	µg/L	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,4-Dioxane (P-Dioxane)	0.35	µg/L	NA	NA	NA	NA	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	NA	< 0.4 U	NA	NA	NA
2-Chloroethyl Vinyl Ether	NSL	µg/L	< 1 U	< 25 U	< 1 U	< 1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	50	µg/L	NA	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 UT	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Acetone	50	µg/L	NA	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 UT	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Benzene	1	µg/L	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromochloromethane	5	µg/L	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromodichloromethane	50	µg/L	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromoform	50	µg/L	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromomethane	5	µg/L	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Carbon Disulfide	60	µg/L	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Carbon Tetrachloride	5	µg/L	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chlorobenzene	5	µg/L	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chlorodibromomethane	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	5	µg/L	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UT	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UT	< 1 U	< 1 U
Chloroform	7	µg/L	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	0.087 J	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloromethane	NSL	µg/L	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	1.9	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cis-1,2-Dichloroethylene	5	µg/L	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cis-1,3-Dichloropropene	0.4	µg/L	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cyclohexane	NSL	µg/L	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Dibromochloromethane	50	µg/L	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Dichlorodifluoromethane	5	µg/L	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Ethylbenzene	5	µg/L	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Isopropylbenzene (Cumene)	5	µg/L	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
m,p-Xylene	NSL	µg/L	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Methyl Acetate	NSL	µg/L	NA	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	NA	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 UT	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	NA	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Methylcyclohexane	NSL	µg/L	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Methylene Chloride	5	µg/L	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UT
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Styrene	5	µg/L	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Tert-Butyl Methyl Ether	10	µg/L	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Tetrachloroethylene (PCE)	5	µg/L	1.3	1.5 J	0.84 J	0.83 J	1.3	1 J	1	< 1 U	1	0.72 J	1.1	0.38 J	0.55 J	0.75 J	0.59 J	0.51 J	0.69 J	0.53 J	1.7	5.8	3.3
Toluene	5	µg/L	NA	NA	NA	NA	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trans-1,2-Dichloroethene	5	µg/L	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UT
Trans-1,3-Dichloropropene	0.4	µg/L	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trichloroethylene (TCE)	5	µg/L	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trichlorofluoromethane	5	µg/L	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Vinyl Chloride	2	µg/L	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Xylenes, Total	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PFAS (EPA 1633/EPA 537M)																							
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.04	NA	NA	NA
Perfluorobutanoic Acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.17	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.39	NA	NA	NA
Perfluorooctane Sulfonamide (FOSA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.8	NA	NA	NA
Perfluorooctanoic acid (PFOA)	6.7	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	37.5	NA	NA	NA
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
Screening level is the NYSDEC Class GA Ambient Water Quality Standards, 6 NYCRR Part 703, July 2021.
µg/L = Microgram(s) per liter
EPA = U.S. Environmental Protection Agency
J = Concentration is estimated
NA = Not analyzed
ng/L = Nanogram(s) per liter
NSL = No screening level available
PFAS = Per- and polyfluoroalkyl substances
U = Analyte not detected
Concentrations exceeding the screening level are shaded

Table 2. Historical Analytical Results (2012-2024)

Location ID		ASMW-2	ASMW-2	ASMW-2	ASMW-2	ASMW-2	ASMW-2	ASMW-2	ASMW-2	ASMW-2	ASMW-2	ASMW3	ASMW-3	ASMW-3	ASMW-3	ASMW-3	ASMW-3	ASMW-3	ASMW-3	ASMW-3	ASMW-3
Sample Name		ASMW-2-20180705	ASMW-2-20181026	ASMW-2	ASMW-2	ASMW-2	ASMW-2	ASMW-2	ASMW-2-20210707	ASMW-2-20221003	ASMW-2-01082024	ASMW3	ASMW-3	ASMW-3	ASMW-3	ASMW-3	ASMW-3	ASMW-3	ASMW-3	ASMW-3	ASMW-3
Parent Sample ID																					
Sample Date		7/5/2018	10/26/2018	1/29/2019	4/23/2019	7/2/2019	10/16/2019	1/8/2020	7/7/2021	10/3/2022	1/8/2024	6/12/2012	11/19/2012	4/18/2013	10/10/2013	4/29/2014	10/15/2014	4/6/2015	10/1/2015	4/21/2016	7/6/2016	1/4/2017
Analyte	Groundwater Screening Level	Unit																			
1,1,1-Trichloroethane (TCA)	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2,2-Tetrachloroethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloroethane	1	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2,3-Trichlorobenzene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2,4-Trichlorobenzene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dibromo-3-Chloropropane	0.04	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichlorobenzene	3	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloroethane	0.6	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloropropane	1	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,3-Dichlorobenzene	3	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,4-Dichlorobenzene	3	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,4-Dioxane (P-Dioxane)	0.35	µg/L	NA	NA	NA	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	0.11 J	0.15 J	< 1 U	NA	NA	NA	NA	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U
2-Chloroethyl Vinyl Ether	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA	NA
2-Hexanone	50	µg/L	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 10 U	< 5 U	NA	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Acetone	50	µg/L	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 50 U	< 5 U	NA	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Benzene	1	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromochloromethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromodichloromethane	50	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromoform	50	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromomethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Carbon Disulfide	60	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Carbon Tetrachloride	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chlorobenzene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chlorodibromomethane	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	< 1 U	< 0.5 U	< 1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UT	< 1 U	< 1 U	< 1 U
Chloroform	7	µg/L	< 1 U	0.33 J	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	0.3 J	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloromethane	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cis-1,2-Dichloroethylene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cis-1,3-Dichloropropene	0.4	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cyclohexane	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Dibromochloromethane	50	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Dichlorodifluoromethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Ethylbenzene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Isopropylbenzene (Cumene)	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
m,p-Xylene	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Methyl Acetate	NSL	µg/L	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 1 U	< 5 U	NA	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 20 U	< 5 U	NA	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 10 U	< 5 U	NA	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Methylcyclohexane	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Methylene Chloride	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Styrene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Tert-Butyl Methyl Ether	10	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Tetrachloroethylene (PCE)	5	µg/L	4.5	5.7	1.8	15	15	12	4.4	2.8	1.4	1.1	< 1 U	0.15 J	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	0.24 J	0.18 J	< 1 U
Toluene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	< 1 U	0.3 J	< 1 U	< 1 U	< 1 U	< 1 U
Trans-1,2-Dichloroethene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trans-1,3-Dichloropropene	0.4	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trichloroethylene (TCE)	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trichlorofluoromethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Vinyl Chloride	2	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Xylenes, Total	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	< 1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PFAS (EPA 1633/EPA 537M)																						
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L	NA	NA	NA	< 16 U	< 20 U	< 19 U	< 18 U	< 1.74 U	< 1.8 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	ng/L	NA	NA	NA	< 16 U	< 20 U	< 19 U	< 18 U	< 4.34 U	< 1.8 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid	NSL	ng/L	NA	NA	NA	< 16 U	< 20 U	< 19 U	< 18 U	< 4.34 U	< 1.8 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L	NA	NA	NA	< 16 U	< 20 U	< 19 U	< 18 U	< 4.34 U	< 1.8 U	< 1.4 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L	NA	NA	NA	3.7	2.7	2.4	3.2	5.66	5.9	8.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorobutanoic Acid	NSL	ng/L	NA	NA	NA	6.9	6.8	7.9	6.4	6.94	6.8	6.4 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L	NA	NA	NA	< 1.6 U	< 2 U	< 1.9 U	< 1.8 U	< 1.74 U	< 1.8 U	< 1.4 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	NSL	ng/L	NA	NA	NA	< 1.6 U	< 2 U	< 1.9 U	< 1.8 U	0.37 J	< 1.8 U	< 1.4 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	NSL	ng/L	NA	NA	NA	< 1.6 U	< 2 U	< 1.9 U	< 1.8 U	< 1.74 U	NA	< 1.4 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L	NA	NA	NA	< 1.6 U	< 2 U	< 1.9 U	< 1.8 U	0.6 J	0.97 J	< 1.4 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L	NA	NA	NA	11	11	11	8.6	10.2	9.1	7.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L	NA	NA	NA	6.7	6.4	6.4	6.4	10.8	8.8	8.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	NSL	ng/L	NA	NA	NA	12	12	12	9.7	11.4	10	10.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	NSL	ng/L	NA	NA	NA	1.9	2.4	2.1	2.4	3.23	3.8	3.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctane Sulfonamide (FOSA)	NSL	ng/L	NA	NA	NA	< 1.6 U	< 9.9 U	< 1.9 U	< 1.8 U	< 1.74 U	< 1.8 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L	NA	NA	NA	18	22	20	20	18.6	17	16.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	6.7	ng/L	NA	NA	NA	30	30	31	24	40.1	27	30.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L	NA	NA	NA	18	12	12	10	11.3	11	11.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTA)	NSL	ng/L	NA	NA	NA	< 1.6 U	< 2 U	< 1.9 U	< 1.8 U	< 1.74 U	< 1.8 U	< 1.4 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	ng/L	NA	NA	NA	< 1.6 U	< 2 U	< 1.9 U	< 1.8 U	< 1.74 U	< 1.8 U	< 1.4 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L	NA	NA	NA	< 1.6 U	< 2 U	< 1.9 U	< 1.8 U	< 1.74 U	< 1.8 U	< 1.4 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
Screening level is the NYSDEC Class GA Ambient Water Quality Standards, 6 NYCRR Part 703, July 2021.
µg/L = Microgram(s) per liter
EPA = U.S. Environmental Protection Agency
J = Concentration is estimated
NA = Not analyzed
ng/L = Nanogram(s) per liter
NSL = No screening level available
PFAS = Per- and polyfluoroalkyl substances
U = Analyte not detected
Concentrations exceeding the screening level are shaded

Table 2. Historical Analytical Results (2012-2024)

Location ID		ASMW-3	ASMW-3	ASMW-3	ASMW-3	ASMW-3	ASMW-3	ASMW-3	ASMW-3	ASMW-3	ASMW-3	ASMW-3	ASMW-3	ASMW-3	ASMW-3	ASMW-3	ASMW-4	ASMW-4	ASMW-4	ASMW-4	ASMW-4	ASMW-4	ASMW-4
Sample Name		ASMWY	ASMW-3	ASMW-3-20171010	ASMW-3-20180124	ASMW-3-20180425	ASMW3-20180711	ASMW-3-20181010	ASMW-3	ASMW-3	ASMW-3	ASMW-3	ASMW-3	ASMW-3-20210707	ASMW-3-20221003	ASMW-3-01082024	ASMW-4	ASMW4	ASMW-4	ASMW-4	ASMW-4	ASMW-4	ASMW-4
Parent Sample ID		ASMW-3-20170104																					
Sample Date		1/4/2017	7/10/2017	10/10/2017	1/24/2018	4/25/2018	7/11/2018	10/10/2018	1/29/2019	4/23/2019	7/3/2019	10/15/2019	1/8/2020	7/7/2021	10/3/2022	1/8/2024	3/15/2012	6/12/2012	9/26/2012	11/19/2012	1/29/2013	4/18/2013
Analyte	Groundwater Screening Level	Unit																					
1,1,1-Trichloroethane (TCA)	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2,2-Tetrachloroethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	1	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UT	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2,3-Trichlorobenzene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-Chloropropane	0.04	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane (Ethylene Dibromide)	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	3	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloroethane	0.6	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloropropane	1	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,3-Dichlorobenzene	3	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,4-Dichlorobenzene	3	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,4-Dioxane (P-Dioxane)	0.35	µg/L	< 50 U	< 0.4 U	NA	< 50 U	NA	NA	NA	NA	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	0.73	< 0.2 U	< 1 U	NA	NA	NA	NA	NA	NA
2-Chloroethyl Vinyl Ether	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
2-Hexanone	50	µg/L	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 10 U	< 5 U	NA	NA	NA	NA	NA	NA	NA
Acetone	50	µg/L	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 50 U	< 5 U	NA	NA	NA	NA	NA	NA	NA
Benzene	1	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	50	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromoform	50	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromomethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Carbon Disulfide	60	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 5 U	< 1 U	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chlorobenzene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chlorodibromomethane	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.5 U	< 1 U	NA	NA	NA	NA	NA	NA	NA
Chloroethane	5	µg/L	< 1 U	< 1 U	< 1 UT	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloroform	7	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	2.2	0.19 J	< 1 U	0.23 J	0.71 J	0.25 J	0.97 J	0.8 J	< 1 U
Chloromethane	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cis-1,2-Dichloroethylene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cis-1,3-Dichloropropene	0.4	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cyclohexane	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	50	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Dichlorodifluoromethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Ethylbenzene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene (Cumene)	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA	NA	NA
m,p-Xylene	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 2 U	< 1 U	NA	NA	NA	NA	NA	NA	NA
Methyl Acetate	NSL	µg/L	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 1 U	< 5 U	NA	NA	NA	NA	NA	NA	NA
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 20 U	< 5 U	NA	NA	NA	NA	NA	NA	NA
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 10 U	< 5 U	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 UT	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA	NA
Styrene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA	NA
Tert-Butyl Methyl Ether	10	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA	NA
Tetrachloroethylene (PCE)	5	µg/L	< 1 U	0.19 J	< 1 U	< 1 U	< 1 U	0.29 J	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	0.48 J	0.19 J	< 1 U	< 1 U	< 1 U	< 1 U	0.19 J	< 1 U	< 1 U
Toluene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UT	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trans-1,3-Dichloropropene	0.4	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trichloroethylene (TCE)	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trichlorofluoromethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Vinyl Chloride	2	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Xylenes, Total	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	< 1 U	NA	NA	NA	NA	NA	NA	NA
PFAS (EPA 1633/EPA 537M)																							
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	< 18 U	< 17.4 U	< 18 U	< 18 U	< 1.74 U	< 1.8 U	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	< 18 U	< 17.4 U	< 18 U	< 18 U	< 4.34 U	< 1.8 U	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	< 18 U	< 17.4 U	< 18 U	< 18 U	< 4.34 U	< 1.8 U	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	< 18 U	< 17.4 U	< 18 U	< 18 U	< 4.34 U	< 1.8 U	< 1.4 U	NA	NA	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L	NA	13.7	NA	NA	NA	NA	NA	NA	4.7	4.41	4.7	6.7	5.43	7.6	8.1	NA	NA	NA	NA	NA	NA
Perfluorobutanoic Acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	9.4	13.6	16	12	6.35	7.9	6.9 J	NA	NA	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1.8 U	< 1.74 U	< 1.8 U	< 1.8 U	< 1.74 U	< 1.8 U	< 1.4 U	NA	NA	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1.8 U	0.66 J	< 1.8 U	< 1.8 U	1.04 J	0.69 J	< 1.4 U	NA	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1.8 U	< 1.74 U	< 1.8 U	< 1.8 U	< 1.74 U	NA	< 1.4 U	NA	NA	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1.8 U	0.88 J	< 1.8 U	< 1.8 U	0.44 J	0.95 J	< 1.4 U	NA	NA	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L	NA	19.9	NA	NA	NA	NA	NA	NA	13	19.4	25	14	6.82	7.2	6.8	NA	NA	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L	NA	6.77	NA	NA	NA	NA	NA	NA	5.1	4.5	4	6.6	6.19	10	10.2	NA	NA	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	18	25.2	34	21	9.74	13	10.7	NA	NA	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	NSL	ng/L	NA	3.94	NA	NA	NA	NA	NA	NA	4.2	4.62	4.9	6.8	11.7	3.3	3.8	NA	NA	NA	NA	NA	NA
Perfluorooctane Sulfonamide (FOSA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1.8 U	< 1.74 U	< 8.9 U	< 1.8 U	< 1.74 U	< 1.8 U	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L	NA	34.5	NA	NA	NA	NA	NA	NA	18	21.6	27	23	21.5	25	26.1	NA	NA	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	6.7	ng/L	NA	50.8	NA	NA	NA	NA	NA	NA	39	42.6	40	35	19.1	22	21.8	NA	NA	NA	NA	NA	NA
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	32	35.6	49	29	13.9	15	12	NA	NA	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1.8 U	< 1.74 U	< 1.8 U	< 1.8 U	< 1.74 U	< 1.8 U	< 1.4 U	NA	NA	NA	NA	NA	NA
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1.8 U	< 1.74 U	< 1.8 U	< 1.8 U	< 1.74 U	< 1.8 U	< 1.4 U	NA	NA	NA	NA	NA	NA
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1.8 U	< 1.74 U	< 1.8 U	< 1.8 U	< 1.74 U	< 1.8 U	< 1.4 U	NA	NA	NA	NA	NA	NA

Notes:
Screening level is the NYSDEC Class GA Ambient Water Quality Standards, 6 NYCRR Part 703, July 2021.
µg/L = Microgram(s) per liter
EPA = U.S. Environmental Protection Agency
J = Concentration is estimated
NA = Not analyzed
ng/L = Nanogram(s) per liter
NSL = No screening level available
PFAS = Per- and polyfluoroalkyl substances
U = Analyte not detected
Concentrations exceeding the screening level are shaded

Table 2. Historical Analytical Results (2012-2024)

Location ID			ASMW-4	ASMW-4	ASMW-4	ASMW-4	ASMW-4	ASMW-4	ASMW-4	ASMW-4	ASMW-4	ASMW-4	ASMW-4	ASMW-4	ASMW-4	ASMW-4	ASMW-4	ASMW-4	ASMW-4	ASMW-4	ASMW-4	ASMW-4
Sample Name			ASMW-4	ASMW-4	ASMW-4	ASMW-4	ASMW-4	ASMW-4	ASMW-4	ASMW-4	ASMW-4	ASMW-4	ASMW-4	ASMW-X	ASMW-4	ASMW-4	ASMW-4	ASMW-X	ASMW-4	ASMW-X	ASMW-Y	ASMW-4	ASMWX	ASMW-4
Parent Sample ID														ASMW-4-20160104				ASMW-4-20160706		ASMW-4-20161011	ASMW-4-20160421		ASMW-4-20170104	
Sample Date			7/8/2013	10/11/2013	2/7/2014	4/29/2014	7/22/2014	10/15/2014	1/23/2015	4/6/2015	7/6/2015	10/1/2015	1/4/2016	1/4/2016	4/21/2016	7/6/2016	7/6/2016	10/11/2016	10/11/2016	4/21/2016	1/4/2017	1/4/2017	4/21/2017
Analyte	Groundwater Screening Level	Unit																					
1,1,1-Trichloroethane (TCA)	5	µg/L	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2,2-Tetrachloroethane	5	µg/L	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloroethane	1	µg/L	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	5	µg/L	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	5	µg/L	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2,3-Trichlorobenzene	5	µg/L	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2,4-Trichlorobenzene	5	µg/L	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dibromo-3-Chloropropane	0.04	µg/L	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	µg/L	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichlorobenzene	3	µg/L	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloroethane	0.6	µg/L	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloropropane	1	µg/L	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,3-Dichlorobenzene	3	µg/L	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,4-Dichlorobenzene	3	µg/L	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,4-Dioxane (P-Dioxane)	0.35	µg/L	NA	NA	NA	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	NA
2-Chloroethyl Vinyl Ether	NSL	µg/L	< 25 U	< 1 U	< 1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	50	µg/L	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 UT	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Acetone	50	µg/L	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 UT	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Benzene	1	µg/L	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromochloromethane	5	µg/L	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromodichloromethane	50	µg/L	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromoform	50	µg/L	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromomethane	5	µg/L	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UT	< 1 U	< 1 U	< 1 U	< 1 U
Carbon Disulfide	60	µg/L	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Carbon Tetrachloride	5	µg/L	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chlorobenzene	5	µg/L	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chlorodibromomethane	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	5	µg/L	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UT	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloroform	7	µg/L	0.77 J	0.88 J	0.76 J	0.59 J	0.55 J	0.65 J	0.79 J	0.63 J	0.8 J	< 1 U	0.38 J	0.34 J	0.84 J	0.42 J	0.4 J	0.43 J	0.46 J	0.77 J	< 1 U	< 1 U	0.67 J
Chloromethane	NSL	µg/L	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cis-1,2-Dichloroethylene	5	µg/L	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cis-1,3-Dichloropropene	0.4	µg/L	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ
Cyclohexane	NSL	µg/L	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Dibromochloromethane	50	µg/L	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Dichlorodifluoromethane	5	µg/L	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Ethylbenzene	5	µg/L	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Isopropylbenzene (Cumene)	5	µg/L	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
m,p-Xylene	NSL	µg/L	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Methyl Acetate	NSL	µg/L	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 UT	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	0.96 J	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	1 J	0.85 J	< 5 U
Methylcyclohexane	NSL	µg/L	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Methylene Chloride	5	µg/L	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Styrene	5	µg/L	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Tert-Butyl Methyl Ether	10	µg/L	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Tetrachloroethylene (PCE)	5	µg/L	< 5 U	< 1 U	< 1 U	0.2 J	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Toluene	5	µg/L	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trans-1,2-Dichloroethene	5	µg/L	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	0.37 J	0.34 J	< 1 U
Trans-1,3-Dichloropropene	0.4	µg/L	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ
Trichloroethylene (TCE)	5	µg/L	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trichlorofluoromethane	5	µg/L	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Vinyl Chloride	2	µg/L	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Xylenes, Total	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PFAS (EPA 1633/EPA 537M)																							
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorobutanoic Acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctane Sulfonamide (FOSA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	6.7	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
Screening level is the NYSDEC Class GA Ambient Water Quality Standards, 6 NYCRR Part 703, July 2021.
µg/L = Microgram(s) per liter
EPA = U.S. Environmental Protection Agency
J = Concentration is estimated
NA = Not analyzed
ng/L = Nanogram(s) per liter
NSL = No screening level available
PFAS = Per- and polyfluoroalkyl substances
U = Analyte not detected
Concentrations exceeding the screening level are shaded

Table 2. Historical Analytical Results (2012-2024)

Location ID			ASMW-4	ASMW-4	ASMW-4	ASMW-4	ASMW-4	ASMW-4	ASMW-4	ASMW-4	ASMW-4	ASMW-4	ASMW-4	ASMW-4	ASMW-4	ASMW-4	ASMW-5	ASMW-5	ASMW-5	ASMW-5	ASMW-5	ASMW-5
Sample Name			ASMW-4-20171010	ASMW-4-20180117	ASMW-4-20180425	ASMW-4-20180705	ASMW-4	ASMW-4-20181010	ASMW-4	ASMW-4	ASMW-4	ASMW-4	ASMW-4	ASMW-4	ASMW-4-20210707	ASMW-4-20221003	ASMW-4-01082024	DUP-01-01082024	ASMW5	ASMW-5	ASMW-5	ASMW-5	ASMW-5
Parent Sample ID																		ASMW-4-01082024					
Sample Date			10/10/2017	1/17/2018	4/25/2018	7/5/2018	7/7/2017	10/10/2018	1/23/2019	4/24/2019	7/3/2019	10/15/2019	1/8/2020	7/7/2021	10/3/2022	1/8/2024	1/8/2024	6/12/2012	11/19/2012	4/18/2013	10/11/2013	4/29/2014	10/15/2014
Analyte	**Groundwater Screening Level**	**Unit**																					
1,1,1-Trichloroethane (TCA)	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2,2-Tetrachloroethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 UJ	< 1 U	< 1 U	< 1 U	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA	NA	NA	< 1 U
1,1,2-Trichloroethane	1	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	5	µg/L	< 1 U	< 1 U	< 1 UT	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2,3-Trichlorobenzene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	NA	NA	NA	NA	< 1 U	< 1 U
1,2,4-Trichlorobenzene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	< 1 U	< 1 U
1,2-Dibromo-3-Chloropropane	0.04	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	NA	NA	NA	NA	< 1 U	< 1 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	NA	NA	NA	NA	< 1 U	< 1 U
1,2-Dichlorobenzene	3	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloroethane	0.6	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloropropane	1	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,3-Dichlorobenzene	3	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,4-Dichlorobenzene	3	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,4-Dioxane (P-Dioxane)	0.35	µg/L	NA	NA	NA	NA	< 0.4 U	NA	NA	< 0.2 U	< 0.2 U	< 0.2 U	0.28	< 0.2 U	< 0.2 U	< 1 U	< 1 U	NA	NA	NA	NA	< 50 U	< 50 U
2-Chloroethyl Vinyl Ether	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA
2-Hexanone	50	µg/L	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 10 U	< 5 U	< 5 U	NA	NA	NA	NA	< 5 U	< 5 U
Acetone	50	µg/L	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 50 U	< 5 U	< 5 U	NA	NA	NA	NA	< 5 U	< 5 U
Benzene	1	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	< 1 U	< 1 U
Bromochloromethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	< 1 U	< 1 U
Bromodichloromethane	50	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromoform	50	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromomethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Carbon Disulfide	60	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	NA	NA	NA	NA	< 1 U	< 1 U
Carbon Tetrachloride	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chlorobenzene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chlorodibromomethane	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	< 0.5 U	< 1 U	< 1 U	NA	NA	NA	NA	NA	NA
Chloroethane	5	µg/L	< 1 UT	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloroform	7	µg/L	< 1 U	0.69 J	0.61 J	0.39 J	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloromethane	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cis-1,2-Dichloroethylene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cis-1,3-Dichloropropene	0.4	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cyclohexane	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	NA	NA	NA	NA	< 1 U	< 1 U
Dibromochloromethane	50	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Dichlorodifluoromethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Ethylbenzene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	< 1 U	< 1 U
Isopropylbenzene (Cumene)	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	< 1 U	< 1 U
m,p-Xylene	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U	NA	NA	NA	NA	< 1 U	< 1 U
Methyl Acetate	NSL	µg/L	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 1 U	< 5 U	< 5 U	NA	NA	NA	NA	< 5 U	< 5 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 20 U	< 5 U	< 5 U	NA	NA	NA	NA	< 5 U	< 5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 10 U	< 5 U	< 5 U	NA	NA	NA	NA	< 5 U	< 5 U
Methylcyclohexane	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	< 1 U	< 1 U
Methylene Chloride	5	µg/L	< 1 U	< 1 U	< 1 UT	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	< 1 U	< 1 U
Styrene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	< 1 U	< 1 U
Tert-Butyl Methyl Ether	10	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	0.28 J	0.27 J
Tetrachloroethylene (PCE)	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Toluene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	< 1 U	< 1 U
Trans-1,2-Dichloroethene	5	µg/L	< 1 U	< 1 U	< 1 UT	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trans-1,3-Dichloropropene	0.4	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trichloroethylene (TCE)	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trichlorofluoromethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Vinyl Chloride	2	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Xylenes, Total	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA	NA
PFAS (EPA 1633/EPA 537M)																							
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	< 17 U	< 17.9 U	< 17 U	< 18 U	< 1.74 U	< 1.8 U	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	< 17 U	< 17.9 U	< 17 U	< 18 U	< 4.34 U	< 1.8 U	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	< 17 U	< 17.9 U	< 17 U	< 18 U	< 4.34 U	< 1.8 U	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	< 17 U	< 17.9 U	< 17 U	< 18 U	< 4.34 U	< 1.8 U	< 1.4 U	< 1.4 U	NA	NA	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L	NA	NA	NA	NA	< 2 U	NA	NA	3	2.58	4.3	4.4	6.27	11	8.3	7.6	NA	NA	NA	NA	NA	NA
Perfluorobutanoic Acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	5.2	1.78 J	5.6	6.8	8.34	11	7.2 J	6.8 J	NA	NA	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	< 1.7 U	< 1.79 U	< 1.7 U	< 1.8 U	< 1.74 U	< 1.8 U	< 1.4 U	< 1.4 U	NA	NA	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	< 1.7 U	< 1.79 U	< 1.7 U	< 1.8 U	0.33 J	< 1.8 U	< 1.4 U	< 1.4 U	NA	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	< 1.7 U	< 1.79 U	< 1.7 U	< 1.8 U	< 1.74 U	NA	< 1.4 U	< 1.4 U	NA	NA	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	< 1.7 U	< 1.79 U	< 1.7 U	< 1.8 U	0.34 J	1.1 J	< 1.4 U	< 1.4 U	NA	NA	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L	NA	NA	NA	NA	< 2 U	NA	NA	4.7	2.05	5.9	5.6	7.45	10	6.4	6.6	NA	NA	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L	NA	NA	NA	NA	< 2 U	NA	NA	2.9	1.72 J	3.7	3.4	3.76	4.5	3.3	3.2	NA	NA	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	5.3	2.44	7.3	6.8	9.03	14	10	9.6	NA	NA	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	NSL	ng/L	NA	NA	NA	NA	< 2 U	NA	NA	< 1.7 U	0.37 J	1.8	2	1.87	2.2	1.7 J	2.1	NA	NA	NA	NA	NA	NA
Perfluorooctane Sulfonamide (FOSA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	< 1.7 U	< 1.79 U	< 8.5 U	< 1.8 U	< 1.74 U	< 1.8 U	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L	NA	NA	NA	NA	< 2 U	NA	NA	7.4	2.04	7.4	7.6	8.45	7.9	7	8.5	NA	NA	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	6.7	ng/L	NA	NA	NA	NA	< 2 U	NA	NA	16	5.67	20	21	24.7	32	23.1	22.9	NA	NA	NA	NA	NA	NA
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	6.5	2.22	6.6	7.5	10.1	20	12	11.6	NA	NA	NA	NA	NA	NA
Perfluorotetradecanoic Acid (PFTA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	< 1.7 U	< 1.79 U	< 1.7 U	< 1.8 U	< 1.74 U	< 1.8 U	< 1.4 U	< 1.4 U	NA	NA	NA	NA	NA	NA
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	< 1.7 U	< 1.79 U	< 1.7 U	< 1.8 U	< 1.74 U	< 1.8 U	< 1.4 U	< 1.4 U	NA	NA	NA	NA	NA	NA
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	< 1.7 U	< 1.79 U	< 1.7 U	< 1.8 U	< 1.74 U	< 1.8 U	< 1.4 U	< 1.4 U	NA	NA	NA	NA	NA	NA

Notes:
Screening level is the NYSDEC Class GA Ambient Water Quality Standards, 6 NYCRR Part 703, July 2021.
µg/L = Microgram(s) per liter
EPA = U.S. Environmental Protection Agency
J = Concentration is estimated
NA = Not analyzed
ng/L = Nanogram(s) per liter
NSL = No screening level available
PFAS = Per- and polyfluoroalkyl substances
U = Analyte not detected
Concentrations exceeding the screening level are shaded

Table 2. Historical Analytical Results (2012-2024)

Location ID			ASMW-5	ASMW-5	ASMW-5	ASMW-5	ASMW-5	ASMW-5	ASMW-5	ASMW-5	ASMW-5	ASMW-5	ASMW-5	ASMW-5	ASMW-5	ASMW-5	ASMW-5	ASMW-5	ASMW-5	ASMW-5	ASMW-6	ASMW-6
Sample Name			ASMW-5	ASMW-5	ASMW-5	ASMW-5	ASMW-5	ASMW-5	ASMW-5-20171010	ASMW-5-20180124	ASMW-5-20180425	ASMW-5-20180705	ASMW-5-20181010	ASMW-5	ASMW-5	ASMW-5	ASMW-5	ASMW-5	ASMW-5-20210707	ASMW-5-20221003	ASMW-5-01082024	ASMW6	ASMW-6
Parent Sample ID																						
Sample Date			4/6/2015	10/1/2015	4/21/2016	7/6/2016	1/4/2017	7/10/2017	10/10/2017	1/24/2018	4/25/2018	7/5/2018	10/10/2018	1/23/2019	4/24/2019	7/3/2019	10/15/2019	1/8/2020	7/7/2021	10/3/2022	1/8/2024	6/12/2012	11/20/2012
Analyte	Groundwater Screening Level	Unit																				
1,1,1-Trichloroethane (TCA)	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2,2-Tetrachloroethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 UJ	< 1 U	< 1 U	< 1 U	NA	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA
1,1,2-Trichloroethane	1	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UT	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2,3-Trichlorobenzene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 UT	< 1 U	< 1 U	< 5 U	< 1 U	NA
1,2,4-Trichlorobenzene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA
1,2-Dibromo-3-Chloropropane	0.04	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	NA
1,2-Dibromoethane (Ethylene Dibromide)	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	NA
1,2-Dichlorobenzene	3	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloroethane	0.6	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloropropane	1	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,3-Dichlorobenzene	3	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,4-Dichlorobenzene	3	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,4-Dioxane (P-Dioxane)	0.35	µg/L	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	0.36 J	NA	< 50 U	NA	NA	NA	NA	0.21	0.2	< 0.2 U	0.29	0.24	0.38	0.117	NA
2-Chloroethyl Vinyl Ether	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	< 1 U
2-Hexanone	50	µg/L	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 10 U	< 5 U	NA
Acetone	50	µg/L	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 50 U	< 5 U	NA
Benzene	1	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA
Bromochloromethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA
Bromodichloromethane	50	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U
Bromoform	50	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromomethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U
Carbon Disulfide	60	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	NA
Carbon Tetrachloride	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U
Chlorobenzene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chlorodibromomethane	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	< 0.5 U	< 1 U	NA	NA
Chloroethane	5	µg/L	< 1 U	< 1 U	< 1 UT	< 1 U	< 1 U	< 1 U	< 1 UT	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U
Chloroform	7	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U
Chloromethane	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UT	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U
Cis-1,2-Dichloroethylene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cis-1,3-Dichloropropene	0.4	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U
Cyclohexane	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	NA	NA
Dibromochloromethane	50	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	< 1 U	< 1 U
Dichlorodifluoromethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UT	< 2 U	< 1 U	< 1 U	< 1 U
Ethylbenzene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA
Isopropylbenzene (Cumene)	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA
m,p-Xylene	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	NA
Methyl Acetate	NSL	µg/L	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 1 U	< 5 U	NA
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 20 U	< 5 U	NA
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	< 5 U	0.66 J	1.4 J	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	1.6 J	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 10 U	< 5 U	NA
Methylcyclohexane	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA
Methylene Chloride	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UT	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA
Styrene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA
Tert-Butyl Methyl Ether	10	µg/L	0.24 J	< 1 U	< 1 U	0.17 J	0.29 J	0.27 J	0.24 J	0.22 J	< 1 U	< 1 U	0.62 J	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	0.82 J	NA
Tetrachloroethylene (PCE)	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Toluene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA
Trans-1,2-Dichloroethene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UT	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trans-1,3-Dichloropropene	0.4	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 1 U	< 1 U
Trichloroethylene (TCE)	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trichlorofluoromethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U
Vinyl Chloride	2	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U
Xylenes, Total	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	NA	NA
PFAS (EPA 1633/EPA 537M)																						
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 16 U	< 17.6 U	< 17 U	< 17 U	< 1.74 U	< 1.8 U	NA	NA
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 16 U	< 17.6 U	< 17 U	< 17 U	< 4.34 U	< 1.8 U	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 16 U	< 17.6 U	< 17 U	< 17 U	< 4.34 U	< 1.8 U	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 16 U	< 17.6 U	< 17 U	< 17 U	< 4.34 U	< 1.8 U	< 1.4 U	NA
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L	NA	NA	NA	NA	NA	1.34 J	NA	NA	NA	NA	NA	NA	< 1.6 U	1.56 J	< 1.7 U	2.3	1.91	2.8	2.7	NA
Perfluorobutanoic Acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.4	4.88	5	5.7	5.23	5.5	4.4 J	NA
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.6 U	< 1.76 U	< 1.7 U	< 1.7 U	< 1.74 U	< 1.8 U	< 1.4 U	NA
Perfluorodecanoic acid (PFDA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.6 U	< 1.76 U	< 1.7 U	< 1.7 U	< 1.74 U	< 1.8 U	< 1.4 U	NA
Perfluorododecanoic acid (PFDoA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.6 U	< 1.76 U	< 1.7 U	< 1.7 U	< 1.74 U	NA	< 1.4 U	NA
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.6 U	0.17 J	< 1.7 U	< 1.7 U	< 1.74 U	< 1.8 U	< 1.4 U	NA
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L	NA	NA	NA	NA	NA	2.5	NA	NA	NA	NA	NA	NA	5.5	5.54	5.2	5.2	5.62	5.4	3.8	NA
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L	NA	NA	NA	NA	NA	1.98 J	NA	NA	NA	NA	NA	NA	3.7	3.8	4	4.2	4.05	3.9	3.3	NA
Perfluorohexanoic acid (PFHxA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.5	6.5	6.6	6.9	6.65	6.3	5.1	NA
Perfluorononanoic acid (PFNA)	NSL	ng/L	NA	NA	NA	NA	NA	< 2 U	NA	NA	NA	NA	NA	NA	< 1.6 U	< 1.76 U	< 1.7 U	< 1.7 U	< 1.74 U	< 1.9 U	< 1.4 U	NA
Perfluorooctane Sulfonamide (FOSA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.6 U	< 1.76 U	< 8.6 U	< 1.7 U	< 1.74 U	< 1.8 U	NA	NA
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L	NA	NA	NA	NA	NA	< 2 U	NA	NA	NA	NA	NA	NA	2.7	2.16	2.3	2.7	2.3	1.5 J	2	NA
Perfluorooctanoic acid (PFOA)	6.7	ng/L	NA	NA	NA	NA	NA	4.53	NA	NA	NA	NA	NA	NA	13	12.4	12	12	15.9	12	9.4	NA
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.4	5.81	5.6	6.4	6.17	6.1	5.1	NA
Perfluorotetradecanoic acid (PFTA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.6 U	< 1.76 U	< 1.7 U	< 1.7 U	< 1.74 U	< 1.8 U	< 1.4 U	NA
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.6 U	< 1.76 U	< 1.7 U	< 1.7 U	< 1.74 U	< 1.8 U	< 1.4 U	NA
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.6 U	< 1.76 U	< 1.7 U	< 1.7 U	< 1.74 U	< 1.8 U	< 1.4 U	NA

Notes:
Screening level is the NYSDEC Class GA Ambient Water Quality Standards, 6 NYCRR Part 703, July 2021.
µg/L = Microgram(s) per liter
EPA = U.S. Environmental Protection Agency
J = Concentration is estimated
NA = Not analyzed
ng/L = Nanogram(s) per liter
NSL = No screening level available
PFAS = Per- and polyfluoroalkyl substances
U = Analyte not detected
Concentrations exceeding the screening level are shaded

Table 2. Historical Analytical Results (2012-2024)

Location ID			ASMW-6	ASMW-6	ASMW-6	ASMW-6	ASMW-6	ASMW-6	ASMW-6	ASMW-6	ASMW-6	ASMW-6	ASMW-6	ASMW-6	ASMW-6	ASMW-6	ASMW-6	ASMW-6	ASMW-6	ASMW-6	ASMW-6	ASMW-6	ASMW-6
Sample Name			ASMW-6	ASMW-6	ASMW-6	ASMW-6	ASMW-6	ASMW-X	ASMW-6	ASMW-Y	ASMW-6	ASMW-6	ASMW-6	ASMW-6-20180124	ASMW-6-20180425	ASMW6-20180711	ASMW-6-20181010	ASMW-6	ASMW-6	ASMW-6	ASMW-6	ASMW-6	ASMW-6-20210707
Parent Sample ID								ASMW-6-20160421		ASMW-6-20160706													
Sample Date			4/19/2013	10/11/2013	4/28/2014	4/6/2015	4/21/2016	4/21/2016	7/6/2016	7/6/2016	1/4/2017	7/5/2017	10/11/2017	1/24/2018	4/25/2018	7/11/2018	10/10/2018	1/23/2019	4/24/2019	7/2/2019	10/16/2019	1/8/2020	7/7/2021
Analyte	Groundwater Screening Level	Unit																					
1,1,1-Trichloroethane (TCA)	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2,2-Tetrachloroethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloroethane	1	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UT	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U
1,1-Dichloroethene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UT	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2,3-Trichlorobenzene	5	µg/L	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2,4-Trichlorobenzene	5	µg/L	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dibromo-3-Chloropropane	0.04	µg/L	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	µg/L	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichlorobenzene	3	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloroethane	0.6	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloropropane	1	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,3-Dichlorobenzene	3	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,4-Dichlorobenzene	3	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,4-Dioxane (P-Dioxane)	0.35	µg/L	NA	NA	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	1.1 J	NA	< 50 U	NA	NA	NA	NA	0.45	0.28	0.35	0.48	0.57
2-Chloroethyl Vinyl Ether	NSL	µg/L	< 1 U	< 1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	50	µg/L	NA	NA	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Acetone	50	µg/L	NA	NA	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Benzene	1	µg/L	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromochloromethane	5	µg/L	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromodichloromethane	50	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromoform	50	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromomethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Carbon Disulfide	60	µg/L	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U
Carbon Tetrachloride	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chlorobenzene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chlorodibromomethane	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U
Chloroethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UT	< 1 UT	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloroform	7	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloromethane	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cis-1,2-Dichloroethylene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cis-1,3-Dichloropropene	0.4	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cyclohexane	NSL	µg/L	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Dibromochloromethane	50	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA
Dichlorodifluoromethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Ethylbenzene	5	µg/L	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U
Isopropylbenzene (Cumene)	5	µg/L	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U
m,p-Xylene	NSL	µg/L	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U
Methyl Acetate	NSL	µg/L	NA	NA	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	NA	NA	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	NA	NA	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Methylcyclohexane	NSL	µg/L	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Methylene Chloride	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UT	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U
Styrene	5	µg/L	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Tert-Butyl Methyl Ether	10	µg/L	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U
Tetrachloroethylene (PCE)	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	0.52 J	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Toluene	5	µg/L	NA	NA	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trans-1,2-Dichloroethene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UT	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trans-1,3-Dichloropropene	0.4	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trichloroethylene (TCE)	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trichlorofluoromethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Vinyl Chloride	2	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Xylenes, Total	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PFAS (EPA 1633/EPA 537M)																							
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 120 UJ	< 19 U	< 19 U	< 18 U	< 1.74 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 120 UJ	< 19 U	< 19 U	< 18 U	< 4.34 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 120 UJ	< 19 U	< 19 U	< 18 U	< 4.34 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 120 UJ	< 19 U	< 19 U	< 18 U	< 4.34 U
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2.3 U	NA	NA	NA	NA	NA	NA	< 12 UJ	< 1.9 U	< 1.9 U	< 1.8 U	1.43 J
Perfluorobutanoic Acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 12 UJ	5.3	5.5	5.8	5.67
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 12 UJ	< 1.9 U	< 1.9 U	< 1.8 U	< 1.74 U
Perfluorodecanoic acid (PFDA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 12 UJ	< 1.9 U	< 1.9 U	< 1.8 U	< 1.74 U
Perfluorododecanoic acid (PFDoA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 12 UJ	< 1.9 U	< 1.9 U	< 1.8 U	< 1.74 U
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 12 UJ	< 1.9 U	< 1.9 U	< 1.8 U	< 1.74 U
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.88 J	NA	NA	NA	NA	NA	NA	< 12 UJ	2.9	2.7	3.1	2.45
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2 U	NA	NA	NA	NA	NA	NA	< 12 UJ	< 1.9 U	< 1.9 U	2.2	1.54 J
Perfluorohexanoic acid (PFHxA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 12 UJ	5.3	5.3	5.4	5.24
Perfluorononanoic acid (PFNA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2 U	NA	NA	NA	NA	NA	NA	< 12 UJ	< 1.9 U	< 1.9 U	< 1.8 U	0.23 J
Perfluorooctane Sulfonamide (FOSA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 12 UJ	< 9.3 U	< 1.9 U	< 1.8 U	< 1.74 U
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2 U	NA	NA	NA	NA	NA	NA	< 12 UJ	< 1.9 U	< 1.9 U	< 1.8 U	1.03 J
Perfluorooctanoic acid (PFOA)	6.7	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.89 J	NA	NA	NA	NA	NA	NA	< 12 UJ	3.4	3.2	3.6	3.17
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 12 UJ	5.3	5.5	6	6.05
Perfluorotetradecanoic Acid (PFTA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 12 UJ	< 1.9 U	< 1.9 U	< 1.8 U	< 1.74 U
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 12 UJ	< 1.9 U	< 1.9 U	< 1.8 U	< 1.74 U
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 12 UJ	< 1.9 U	< 1.9 U	< 1.8 U	< 1.74 U

Notes:
Screening level is the NYSDEC Class GA Ambient Water Quality Standards, 6 NYCRR Part 703, July 2021.
µg/L = Microgram(s) per liter
EPA = U.S. Environmental Protection Agency
J = Concentration is estimated
NA = Not analyzed
ng/L = Nanogram(s) per liter
NSL = No screening level available
PFAS = Per- and polyfluoroalkyl substances
U = Analyte not detected
Concentrations exceeding the screening level are shaded

Table 2. Historical Analytical Results (2012-2024)

Location ID		ASMW-6	ASMW-6	ASMW-7	ASMW-7	ASMW-7	ASMW-7	ASMW-7	ASMW-7	ASMW-7	ASMW-7	ASMW-7	ASMW-7	ASMW-7	ASMW-7	ASMW-7	ASMW-7	ASMW-7	ASMW-7	ASMW-7	EW-1	EW-1
Sample Name		ASMW-6-20221003	ASMW-6-01092024	ASMW 7	ASMW-7	ASMW-7	ASMW-7	ASMW-7	ASMW-7	ASMW-7	ASMW-7	ASMW-7	ASMW-7	ASMW-7-20160713	ASMW-7-20180124	ASMW-7-20180425	ASMW-7-20180711	ASMW-7-20181010	ASMW-7-20210707	ASMW-7-20221004	ASMW-7-01102024	EW-1	EW-1
Parent Sample ID																						
Sample Date		10/3/2022	1/9/2024	6/13/2012	1/10/2017	7/5/2017	10/11/2017	1/29/2019	4/24/2019	7/2/2019	10/16/2019	1/8/2020	7/13/2016	1/24/2018	4/25/2018	7/11/2018	10/10/2018	7/7/2021	10/4/2022	1/10/2024	1/11/2012	2/10/2012
Analyte	**Groundwater Screening Level**	**Unit**																				
1,1,1-Trichloroethane (TCA)	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U
1,1,2,2-Tetrachloroethane	5	µg/L	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 1 U	< 5 U	< 1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	< 1 U	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA
1,1,2-Trichloroethane	1	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U
1,1-Dichloroethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U
1,1-Dichloroethene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UT	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U
1,2,3-Trichlorobenzene	5	µg/L	< 5 U	< 1 U	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 5 U	< 5 U	NA	NA
1,2,4-Trichlorobenzene	5	µg/L	< 1 U	< 1 U	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	NA	NA
1,2-Dibromo-3-Chloropropane	0.04	µg/L	< 5 U	< 1 U	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U	NA	NA
1,2-Dibromoethane (Ethylene Dibromide)	NSL	µg/L	< 0.5 U	< 1 U	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 0.5 U	NA	NA
1,2-Dichlorobenzene	3	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U
1,2-Dichloroethane	0.6	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U
1,2-Dichloropropane	1	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U
1,3-Dichlorobenzene	3	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U
1,4-Dichlorobenzene	3	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U
1,4-Dioxane (P-Dioxane)	0.35	µg/L	0.67	0.211	NA	< 50 U	2.9 J	NA	NA	0.2	< 0.2 U	< 0.2 U	0.59	< 50 U	< 50 U	NA	NA	NA	NA	0.19 J	0.13 J	< 1 U	NA	NA
2-Chloroethyl Vinyl Ether	NSL	µg/L	NA	NA	< 1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 U	< 1 U
2-Hexanone	50	µg/L	< 10 U	< 5 U	NA	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 10 U	< 5 U	NA	NA
Acetone	50	µg/L	< 50 U	< 5 U	NA	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 50 U	< 5 U	NA	NA
Benzene	1	µg/L	< 1 U	< 1 U	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA
Bromochloromethane	5	µg/L	< 1 U	< 1 U	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA
Bromodichloromethane	50	µg/L	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	0.5 U	< 1 U	< 5 U	< 1 U
Bromoform	50	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U
Bromomethane	5	µg/L	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 5 U	< 1 U
Carbon Disulfide	60	µg/L	< 5 U	< 1 U	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	NA	NA
Carbon Tetrachloride	5	µg/L	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 5 U	< 1 U
Chlorobenzene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U
Chlorodibromomethane	NSL	µg/L	< 0.5 U	< 1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.5 U	< 1 U	NA	NA
Chloroethane	5	µg/L	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 5 U	< 1 U
Chloroform	7	µg/L	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 5 U	< 1 U
Chloromethane	NSL	µg/L	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	0.34 J	< 1 U	< 2 U	< 1 U	< 5 U	< 1 U
Cis-1,2-Dichloroethylene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U
Cis-1,3-Dichloropropene	0.4	µg/L	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 5 U	< 1 U
Cyclohexane	NSL	µg/L	< 5 U	< 1 U	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	NA	NA
Dibromochloromethane	50	µg/L	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	< 5 U	< 1 U
Dichlorodifluoromethane	5	µg/L	< 2 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 5 U	< 1 U
Ethylbenzene	5	µg/L	< 1 U	< 1 U	NA	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA
Isopropylbenzene (Cumene)	5	µg/L	< 1 U	< 1 U	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA
m,p-Xylene	NSL	µg/L	< 2 U	< 1 U	NA	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	NA	NA
Methyl Acetate	NSL	µg/L	< 1 U	< 5 U	NA	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 1 U	< 5 U	NA	NA
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 20 U	< 5 U	NA	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 20 U	< 5 U	NA	NA
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	< 10 U	< 5 U	NA	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 10 U	< 5 U	NA	NA
Methylcyclohexane	NSL	µg/L	< 1 U	< 1 U	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA
Methylene Chloride	5	µg/L	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UT	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 5 U	< 1 U
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	< 1 U	< 1 U	NA	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA
Styrene	5	µg/L	< 1 U	< 1 U	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA
Tert-Butyl Methyl Ether	10	µg/L	< 1 U	0.73 J	NA	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA
Tetrachloroethylene (PCE)	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	19	17
Toluene	5	µg/L	< 1 U	< 1 U	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA
Trans-1,2-Dichloroethene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UT	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U
Trans-1,3-Dichloropropene	0.4	µg/L	< 0.5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 1 U	< 5 U	< 1 U
Trichloroethylene (TCE)	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U
Trichlorofluoromethane	5	µg/L	< 2 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 5 U	< 1 U
Vinyl Chloride	2	µg/L	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 5 U	< 1 U
Xylenes, Total	5	µg/L	< 1 U	< 1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	< 1 U	NA	NA
PFAS (EPA 1633/EPA 537M)																						
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L	< 1.8 U	NA	NA	NA	NA	NA	NA	< 17 U	< 18 U	< 20 U	< 18 U	NA	NA	NA	NA	< 1.74 U	< 4.1 U	NA	NA	NA
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	ng/L	< 1.8 U	NA	NA	NA	NA	NA	NA	< 17 U	< 18 U	< 20 U	< 18 U	NA	NA	NA	NA	NA	< 4.34 U	< 4.1 U	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid	NSL	ng/L	< 1.8 U	NA	NA	NA	NA	NA	NA	< 17 U	< 18 U	< 20 U	< 18 U	NA	NA	NA	NA	NA	< 4.34 U	< 4.1 U	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L	< 1.8 U	< 1.4 U	NA	NA	NA	NA	NA	< 17 U	< 18 U	< 20 U	< 18 U	NA	NA	NA	NA	NA	< 4.34 U	< 4.1 U	< 1.4 U	NA	NA
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L	1.6 J	2.4	NA	NA	< 2 U	NA	NA	< 1.7 U	< 1.8 U	< 2 U	< 1.8 U	NA	NA	NA	NA	NA	0.52 J	< 4.1 U	< 1.4 U	NA	NA
Perfluorobutanoic Acid	NSL	ng/L	5.9	4.6 J	NA	NA	NA	NA	NA	< 1.7 U	< 1.8 U	< 2 U	2.1	NA	NA	NA	NA	NA	2.15 J	< 4.1 U	< 1.4 U	NA	NA
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L	< 1.8 U	< 1.4 U	NA	NA	NA	NA	NA	< 1.7 U	< 1.8 U	< 2 U	< 1.8 U	NA	NA	NA	NA	NA	< 1.74 U	< 4.1 U	< 1.4 U	NA	NA
Perfluorodecanoic acid (PFDA)	NSL	ng/L	< 1.8 U	< 1.4 U	NA	NA	NA	NA	NA	< 1.7 U	< 1.8 U	< 2 U	< 1.8 U	NA	NA	NA	NA	NA	< 1.74 U	< 4.1 U	< 1.4 U	NA	NA
Perfluorododecanoic acid (PFDoA)	NSL	ng/L	NA	< 1.4 U	NA	NA	NA	NA	NA	< 1.7 U	< 1.8 U	< 2 U	< 1.8 U	NA	NA	NA	NA	NA	< 1.74 U	NA	< 1.4 U	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L	< 1.8 U	< 1.4 U	NA	NA	NA	NA	NA	< 1.7 U	< 1.8 U	< 2 U	< 1.8 U	NA	NA	NA	NA	NA	< 1.74 U	< 4.1 U	< 1.4 U	NA	NA
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L	3.5	2.4	NA	NA	< 2 U	NA	NA	< 1.7 U	< 1.8 U	< 2 U	< 1.8 U	NA	NA	NA	NA	NA	0.19 J	< 4.1 U	< 1.4 U	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L	1.7 J	1.5 J	NA	NA	< 2 U	NA	NA	< 1.7 U	< 1.8 U	< 2 U	< 1.8 U	NA	NA	NA	NA	NA	< 1.74 U	< 4.1 U	< 1.4 U	NA	NA
Perfluorohexanoic acid (PFHxA)	NSL	ng/L	5.8	5.1	NA	NA	NA	NA	NA	< 1.7 U	< 1.8 U	< 2 U	< 1.8 U	NA	NA	NA	NA	NA	1.06 J	< 4.1 U	< 1.4 U	NA	NA
Perfluorononanoic acid (PFNA)	NSL	ng/L	< 1.8 U	0.49 J	NA	NA	< 2 U	NA	NA	< 1.7 U	< 1.8 U	< 2 U	< 1.8 U	NA	NA	NA	NA	NA	< 1.74 U	< 4.1 U	< 1.4 U	NA	NA
Perfluorooctane Sulfonamide (FOSA)	NSL	ng/L	< 1.8 U	NA	NA	NA	NA	NA	NA	< 1.7 U	< 9 U	< 2 U	< 1.8 U	NA	NA	NA	NA	NA	< 1.74 U	< 4.1 U	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L	0.67 J	2.5	NA	NA	< 2 U	NA	NA	< 1.7 U	< 1.8 U	< 2 U	< 1.8 U	NA	NA	NA	NA	NA	< 1.74 U	< 4.1 U	< 1.4 U	NA	NA
Perfluorooctanoic acid (PFOA)	6.7	ng/L	4	6.2	NA	NA	< 2 U	NA	NA	< 1.7 U	< 1.8 U	< 2 U	< 1.8 U	NA	NA	NA	NA	NA	< 1.74 U	< 4.1 U	< 1.4 U	NA	NA
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L	6.4	6	NA	NA	NA	NA	NA	< 1.7 U	< 1.8 U	< 2 U	1.9	NA	NA	NA	NA	NA	1.86	1 J	< 1.4 U	NA	NA
Perfluorotetradecanoic Acid (PFTA)	NSL	ng/L	< 1.8 U	< 1.4 U	NA	NA	NA	NA	NA	< 1.7 U	< 1.8 U	< 2 U	< 1.8 U	NA	NA	NA	NA	NA	< 1.74 U	< 4.1 U	< 1.4 U	NA	NA
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	ng/L	< 1.8 U	< 1.4 U	NA	NA	NA	NA	NA	< 1.7 U	< 1.8 U	< 2 U	< 1.8 U	NA	NA	NA	NA	NA	< 1.74 U	< 4.1 U	< 1.4 U	NA	NA
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L	< 1.8 U	< 1.4 U	NA	NA	NA	NA	NA	< 1.7 U	< 1.8 U	< 2 U	< 1.8 U	NA	NA	NA	NA	NA	< 1.74 U	< 4.1 U	< 1.4 U	NA	NA

Notes:
Screening level is the NYSDEC Class GA Ambient Water Quality Standards, 6 NYCRR Part 703, July 2021.
µg/L = Microgram(s) per liter
EPA = U.S. Environmental Protection Agency
J = Concentration is estimated
NA = Not analyzed
ng/L = Nanogram(s) per liter
NSL = No screening level available
PFAS = Per- and polyfluoroalkyl substances
U = Analyte not detected
Concentrations exceeding the screening level are shaded

Table 2. Historical Analytical Results (2012-2024)

Analyte	Groundwater Screening Level	Unit	Location ID / Sample Name / Parent Sample ID / Sample Date	EW-1 EW-1 2/24/2012	EW-1 EW-1 3/8/2012	EW-1 EW-1 3/22/2012	EW-1 EW-1 4/5/2012	EW-1 EW-1 4/19/2012	EW-1 EW1 5/4/2012	EW-1 EW-1 5/16/2012	EW-1 EW-1 5/31/2012	EW-1 EW-1 6/14/2012	EW-1 EW-1 6/26/2012	EW-1 EW-1 7/11/2012	EW-1 EW-1 7/25/2012	EW-1 EW-1 8/15/2012	EW-1 EW-1 9/6/2012	EW-1 EW-1 10/3/2012	EW-1 EW-1 10/18/2012	EW-1 EW-1 11/15/2012	EW-1 EW-1 11/29/2012	EW-1 EW-1 12/14/2012	EW-1 EW-1 12/27/2012	EW-1 EW-1 1/10/2013
1,1,1-Trichloroethane (TCA)	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2,2-Tetrachloroethane	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	1	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2,3-Trichlorobenzene	5	µg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	5	µg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-Chloropropane	0.04	µg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane (Ethylene Dibromide)	NSL	µg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	3	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloroethane	0.6	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloropropane	1	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,3-Dichlorobenzene	3	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,4-Dichlorobenzene	3	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,4-Dioxane (P-Dioxane)	0.35	µg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloroethyl Vinyl Ether	NSL	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
2-Hexanone	50	µg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	50	µg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	1	µg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	5	µg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	50	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromoform	50	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromomethane	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Carbon Disulfide	60	µg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chlorobenzene	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chlorodibromomethane	NSL	µg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloroform	7	µg/L		0.13 J	< 1 U	0.11 J	< 1 U	< 1 U	< 1 U	0.11 J	< 1 U	< 1 U	< 1 U	0.1 J	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloromethane	NSL	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cis-1,2-Dichloroethylene	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cis-1,3-Dichloropropene	0.4	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cyclohexane	NSL	µg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	50	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Dichlorodifluoromethane	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Ethylbenzene	5	µg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene (Cumene)	5	µg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m,p-Xylene	NSL	µg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Acetate	NSL	µg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Ethyl Ketone (2-Butanone)	50	µg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NSL	µg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
O-Xylene (1,2-Dimethylbenzene)	5	µg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	5	µg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tert-Butyl Methyl Ether	10	µg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene (PCE)	5	µg/L		17	14	21	15	17	17	13	17	16	16	12	12	14	13	12	13	29	13	13	11	15
Toluene	5	µg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trans-1,3-Dichloropropene	0.4	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trichloroethylene (TCE)	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trichlorofluoromethane	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Vinyl Chloride	2	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Xylenes, Total	5	µg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PFAS (EPA 1633/EPA 537M)																								
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorobutanoic Acid	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctane Sulfonamide (FOSA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	6.7	ng/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
Screening level is the NYSDEC Class GA Ambient Water Quality Standards, 6 NYCRR Part 703, July 2021.
µg/L = Microgram(s) per liter
EPA = U.S. Environmental Protection Agency
J = Concentration is estimated
NA = Not analyzed
ng/L = Nanogram(s) per liter
NSL = No screening level available
PFAS = Per- and polyfluoroalkyl substances
U = Analyte not detected
Concentrations exceeding the screening level are shaded

Table 2. Historical Analytical Results (2012-2024)

Analyte	Groundwater Screening Level	Unit	Location ID: EW-1	Sample Name: EW-1	Parent Sample ID:	Sample Date: 2/15/2013	3/15/2013	4/12/2013	5/8/2013	6/21/2013	7/23/2013	8/21/2013	9/18/2013	10/1/2013	11/1/2013	12/10/2013	1/9/2014	2/6/2014	3/4/2014	4/3/2014	5/30/2014	6/11/2014	7/9/2014	8/7/2014	9/5/2014	10/1/2014
1,1,1-Trichloroethane (TCA)	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2,2-Tetrachloroethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloroethane	1	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2,3-Trichlorobenzene	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2,4-Trichlorobenzene	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dibromo-3-Chloropropane	0.04	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichlorobenzene	3	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloroethane	0.6	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloropropane	1	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,3-Dichlorobenzene	3	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,4-Dichlorobenzene	3	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,4-Dioxane (P-Dioxane)	0.35	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U
2-Chloroethyl Vinyl Ether	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	50	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Acetone	50	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Benzene	1	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromochloromethane	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromodichloromethane	50	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromoform	50	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromomethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Carbon Disulfide	60	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Carbon Tetrachloride	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chlorobenzene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chlorodibromomethane	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloroform	7	µg/L	< 1 U	< 1 U	< 1 U	0.091 J	< 1 U	< 1 U	< 1 U	< 1 U	0.13 J	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloromethane	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cis-1,2-Dichloroethylene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cis-1,3-Dichloropropene	0.4	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cyclohexane	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Dibromochloromethane	50	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Dichlorodifluoromethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Ethylbenzene	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Isopropylbenzene (Cumene)	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
m,p-Xylene	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Methyl Acetate	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Methylcyclohexane	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Methylene Chloride	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Styrene	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Tert-Butyl Methyl Ether	10	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Tetrachloroethylene (PCE)	5	µg/L	< 1 U	13	14	13	10	9.9	12	9.6	11	14	18	13	13	11	13	11	9.1	10	8.7	10	11		
Toluene	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trans-1,2-Dichloroethene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trans-1,3-Dichloropropene	0.4	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trichloroethylene (TCE)	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trichlorofluoromethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Vinyl Chloride	2	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Xylenes, Total	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PFAS (EPA 1633/EPA 537M)																									
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorobutanoic Acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctane Sulfonamide (FOSA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	6.7	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
Screening level is the NYSDEC Class GA Ambient Water Quality Standards, 6 NYCRR Part 703, July 2021.
µg/L = Microgram(s) per liter
EPA = U.S. Environmental Protection Agency
J = Concentration is estimated
NA = Not analyzed
ng/L = Nanogram(s) per liter
NSL = No screening level available
PFAS = Per- and polyfluoroalkyl substances
U = Analyte not detected
Concentrations exceeding the screening level are shaded

Table 2. Historical Analytical Results (2012-2024)

Location ID			EW-1	EW-1	EW-1	EW-1	EW-1	EW-1	EW-1	EW-1	EW-1	EW-1	EW-1	EW-1	EW-1	EW-1	EW-1	EW-1	EW-1	EW-1	EW-1	EW-1
Sample Name			EW-1	EW-1	EW-1	EW-1	EW-1	EW-1	EW1	EW-1	EW-1	EW-1	EW-1	EW-1	EW-1	EW-1	EW-1	EW-1-20170608	EW-1-20170705	EW-1-20171012	EW-1-20180116	EW-1-20180425	EW-1-20180711
Parent Sample ID																							
Sample Date			11/24/2014	12/11/2014	1/7/2015	2/4/2015	3/6/2015	4/2/2015	6/10/2015	7/8/2015	8/6/2015	9/3/2015	10/15/2015	11/12/2015	12/10/2015	4/12/2016	6/30/2016	6/8/2017	7/5/2017	10/12/2017	1/16/2018	4/25/2018	7/11/2018
Analyte	**Groundwater Screening Level**	**Unit**																					
1,1,1-Trichloroethane (TCA)	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2,2-Tetrachloroethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloroethane	1	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UT	< 1 U
1,2,3-Trichlorobenzene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UT	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U
1,2,4-Trichlorobenzene	5	µg/L	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dibromo-3-Chloropropane	0.04	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichlorobenzene	3	µg/L	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloroethane	0.6	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloropropane	1	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,3-Dichlorobenzene	3	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,4-Dichlorobenzene	3	µg/L	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,4-Dioxane (P-Dioxane)	0.35	µg/L	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 UT	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	NA	NA	NA	NA	NA	NA
2-Chloroethyl Vinyl Ether	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	50	µg/L	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Acetone	50	µg/L	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 UT	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Benzene	1	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromochloromethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromodichloromethane	50	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromoform	50	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromomethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Carbon Disulfide	60	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Carbon Tetrachloride	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chlorobenzene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chlorodibromomethane	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloroform	7	µg/L	< 1 U	< 1 U	0.12 J	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	0.32 J	< 1 U	< 1 U
Chloromethane	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cis-1,2-Dichloroethylene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cis-1,3-Dichloropropene	0.4	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cyclohexane	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Dibromochloromethane	50	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Dichlorodifluoromethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Ethylbenzene	5	µg/L	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Isopropylbenzene (Cumene)	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
m,p-Xylene	NSL	µg/L	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Methyl Acetate	NSL	µg/L	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 UJ	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Methylcyclohexane	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Methylene Chloride	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UT	< 1 U	< 1 U
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Styrene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Tert-Butyl Methyl Ether	10	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Tetrachloroethylene (PCE)	5	µg/L	7.9	9.2	11	8.7	7.2	7.9	10	6.3	5.1	4.8	4.8	4.9	5.3	4.2	4.3	3.8	3.3	1.4	2.1	2.7	2.1
Toluene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trans-1,2-Dichloroethene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UT	< 1 U
Trans-1,3-Dichloropropene	0.4	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trichloroethylene (TCE)	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trichlorofluoromethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U
Vinyl Chloride	2	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Xylenes, Total	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PFAS (EPA 1633/EPA 537M)																							
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorobutanoic Acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctane Sulfonamide (FOSA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	6.7	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
Screening level is the NYSDEC Class GA Ambient Water Quality Standards, 6 NYCRR Part 703, July 2021.
µg/L = Microgram(s) per liter
EPA = U.S. Environmental Protection Agency
J = Concentration is estimated
NA = Not analyzed
ng/L = Nanogram(s) per liter
NSL = No screening level available
PFAS = Per- and polyfluoroalkyl substances
U = Analyte not detected
Concentrations exceeding the screening level are shaded

Table 2. Historical Analytical Results (2012-2024)

Analyte	Groundwater Screening Level	Unit	Location ID / Sample Name / Parent Sample ID / Sample Date	EW-1 EW-1-20181010 10/10/2018	EW-1 EW-1 1/29/2019	EW-1 EW-1 4/23/2019	EW-1 EW-1 7/24/2019	EW-1 EW-1 10/16/2019	EW-1 EW-1 1/8/2020	EW-2 EW-2 1/11/2012	EW-2 EW-2 2/10/2012	EW-2 EW-2 2/24/2012	EW-2 EW-2 3/8/2012	EW-2 EW-2 3/22/2012	EW-2 EW-2 4/5/2012	EW-2 EW-2 4/19/2012	EW-2 EW-2 5/4/2012	EW-2 EW-2 5/16/2012	EW-2 EW-2 5/31/2012	EW-2 EW-2 6/14/2012	EW-2 EW-2 6/26/2012	EW-2 EW-2 7/11/2012	EW-2 EW-2 7/25/2012	EW-2 EW-2 8/15/2012
1,1,1-Trichloroethane (TCA)	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2,2-Tetrachloroethane	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	1	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	0.14 J	0.22 J	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2,3-Trichlorobenzene	5	µg/L		< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	5	µg/L		< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-Chloropropane	0.04	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane (Ethylene Dibromide)	NSL	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	3	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloroethane	0.6	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloropropane	1	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,3-Dichlorobenzene	3	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,4-Dichlorobenzene	3	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,4-Dioxane (P-Dioxane)	0.35	µg/L		NA	NA	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloroethyl Vinyl Ether	NSL	µg/L		NA	NA	NA	NA	NA	NA	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
2-Hexanone	50	µg/L		< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	50	µg/L		< 5 U	< 5 U	< 5 UT	< 5 U	< 5 U	< 5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	1	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	50	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromoform	50	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromomethane	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Carbon Disulfide	60	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chlorobenzene	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chlorodibromomethane	NSL	µg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloroform	7	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	0.3 J	0.12 J	< 1 U	0.13 J	< 1 U	0.15 J	0.15 J	0.17 J	< 1 U	< 1 U	0.17 J	0.15 J	< 1 U	0.16 J
Chloromethane	NSL	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cis-1,2-Dichloroethylene	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cis-1,3-Dichloropropene	0.4	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cyclohexane	NSL	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	50	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Dichlorodifluoromethane	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Ethylbenzene	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene (Cumene)	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m,p-Xylene	NSL	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Acetate	NSL	µg/L		< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Ethyl Ketone (2-Butanone)	50	µg/L		< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L		< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NSL	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
O-Xylene (1,2-Dimethylbenzene)	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tert-Butyl Methyl Ether	10	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene (PCE)	5	µg/L		1.2	1.7	1.4	1.1	1.1	1.1	57	43	45	42	49	44	51	50	42	57	50	54	46	56	56
Toluene	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trans-1,3-Dichloropropene	0.4	µg/L		< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trichloroethylene (TCE)	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	0.16 J	0.15 J	< 1 U	0.2 J	< 1 U	0.14 J	0.14 J	< 1 U	0.11 J
Trichlorofluoromethane	5	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Vinyl Chloride	2	µg/L		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Xylenes, Total	5	µg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PFAS (EPA 1633/EPA 537M)																									
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L		NA	NA	< 87 UJ	NA	< 19 U	< 18 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	ng/L		NA	NA	< 87 UJ	NA	< 19 U	< 18 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid	NSL	ng/L		NA	NA	< 87 UJ	NA	< 19 U	< 18 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L		NA	NA	< 87 UJ	NA	< 19 U	< 18 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L		NA	NA	< 8.7 UJ	3.9	3.2	3.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorobutanoic Acid	NSL	ng/L		NA	NA	< 8.7 UJ	NA	5.8	5.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L		NA	NA	< 8.7 UJ	NA	< 1.9 U	< 1.8 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	NSL	ng/L		NA	NA	< 8.7 UJ	NA	< 1.9 U	< 1.8 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	NSL	ng/L		NA	NA	< 8.7 UJ	NA	< 1.9 U	< 1.8 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L		NA	NA	< 8.7 UJ	NA	< 1.9 U	< 1.8 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L		NA	NA	8.7 J	6.9	7.5	7.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L		NA	NA	< 8.7 UJ	5.4	11	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	NSL	ng/L		NA	NA	10 J	NA	9.2	8.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	NSL	ng/L		NA	NA	< 8.7 UJ	2.3	2.4	< 1.8 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctane Sulfonamide (FOSA)	NSL	ng/L		NA	NA	< 8.7 UJ	NA	< 1.9 U	< 1.8 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L		NA	NA	18 J	15	17	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	6.7	ng/L		NA	NA	28 J	25	25	21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L		NA	NA	16 J	NA	9.3	8.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTA)	NSL	ng/L		NA	NA	< 8.7 UJ	NA	< 1.9 U	< 1.8 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	ng/L		NA	NA	< 8.7 UJ	NA	< 1.9 U	< 1.8 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L		NA	NA	< 8.7 UJ	NA	< 1.9 U	< 1.8 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
Screening level is the NYSDEC Class GA Ambient Water Quality Standards, 6 NYCRR Part 703, July 2021.
µg/L = Microgram(s) per liter
EPA = U.S. Environmental Protection Agency
J = Concentration is estimated
NA = Not analyzed
ng/L = Nanogram(s) per liter
NSL = No screening level available
PFAS = Per- and polyfluoroalkyl substances
U = Analyte not detected
Concentrations exceeding the screening level are shaded

Table 2. Historical Analytical Results (2012-2024)

Location ID			EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2
Sample Name			EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2
Parent Sample ID																							
Sample Date			9/6/2012	10/3/2012	10/18/2012	11/15/2012	11/29/2012	12/14/2012	12/27/2013	1/10/2013	2/15/2013	3/15/2013	4/12/2013	5/8/2013	6/21/2013	7/23/2013	8/21/2013	9/18/2013	10/1/2013	11/1/2013	12/10/2013	1/9/2014	2/6/2014
Analyte	Groundwater Screening Level	Unit																					
1,1,1-Trichloroethane (TCA)	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2,2-Tetrachloroethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	1	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	5	µg/L	< 1 U	< 1 U	0.25 J	0.27 J	0.19 J	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2,3-Trichlorobenzene	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-Chloropropane	0.04	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane (Ethylene Dibromide)	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	3	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloroethane	0.6	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloropropane	1	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,3-Dichlorobenzene	3	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,4-Dichlorobenzene	3	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,4-Dioxane (P-Dioxane)	0.35	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloroethyl Vinyl Ether	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
2-Hexanone	50	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	50	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	1	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	50	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromoform	50	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromomethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Carbon Disulfide	60	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chlorobenzene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chlorodibromomethane	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloroform	7	µg/L	0.21 J	0.2 J	< 1 U	0.29 J	0.2 J	0.19 J	< 1 U	0.24 J	0.39 J	0.31 J	0.46 J	0.41 J	0.28 J	0.33 J	0.4 J	0.37 J	0.54 J	0.43 J	0.71 J	< 1 U	0.52 J
Chloromethane	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cis-1,2-Dichloroethylene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	0.2 J	< 1 U	< 1 U
Cis-1,3-Dichloropropene	0.4	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cyclohexane	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	50	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Dichlorodifluoromethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Ethylbenzene	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene (Cumene)	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m,p-Xylene	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Acetate	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tert-Butyl Methyl Ether	10	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene (PCE)	5	µg/L	70	55	65	140	64	48	61	75	75	67	62	89	62	66	80	81	74	98	89	77	83
Toluene	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trans-1,3-Dichloropropene	0.4	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trichloroethylene (TCE)	5	µg/L	< 1 U	0.17 J	< 1 U	0.27 J	< 1 U	< 1 U	< 1 U	< 1 U	0.24 J	< 1 U	< 1 U	0.23 J	< 1 U	0.22 J	0.12 J	< 1 U	< 1 U	< 1 U	0.24 J	< 1 U	< 1 U
Trichlorofluoromethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Vinyl Chloride	2	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Xylenes, Total	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PFAS (EPA 1633/EPA 537M)																							
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorobutanoic Acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctane Sulfonamide (FOSA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	6.7	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
Screening level is the NYSDEC Class GA Ambient Water Quality Standards, 6 NYCRR Part 703, July 2021.
µg/L = Microgram(s) per liter
EPA = U.S. Environmental Protection Agency
J = Concentration is estimated
NA = Not analyzed
ng/L = Nanogram(s) per liter
NSL = No screening level available
PFAS = Per- and polyfluoroalkyl substances
U = Analyte not detected
Concentrations exceeding the screening level are shaded

Table 2. Historical Analytical Results (2012-2024)

Location ID		EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2
Sample Name		EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2
Parent Sample ID																						
Sample Date		3/4/2014	4/3/2014	5/30/2014	6/11/2014	7/9/2014	8/7/2014	9/5/2014	10/1/2014	11/24/2014	12/11/2014	1/7/2015	2/4/2015	3/6/2015	4/2/2015	6/10/2015	7/8/2015	8/6/2015	9/3/2015	10/15/2015	11/12/2015	12/10/2015
Analyte	**Groundwater Screening Level**	**Unit**																				
1,1,1-Trichloroethane (TCA)	5	µg/L	< 1 UJ	< 1 U	< 1 U	0.09 J	0.078 J	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2,2-Tetrachloroethane	5	µg/L	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloroethane	1	µg/L	1.6 J	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	5	µg/L	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	5	µg/L	< 1 UJ	< 1 U	< 1 U	0.11 J	0.091 J	< 1 U	0.12 J	< 1 U	< 1 U	< 1 U	0.19 J	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2,3-Trichlorobenzene	5	µg/L	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UT
1,2,4-Trichlorobenzene	5	µg/L	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dibromo-3-Chloropropane	0.04	µg/L	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	µg/L	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichlorobenzene	3	µg/L	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U
1,2-Dichloroethane	0.6	µg/L	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloropropane	1	µg/L	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,3-Dichlorobenzene	3	µg/L	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,4-Dichlorobenzene	3	µg/L	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U
1,4-Dioxane (P-Dioxane)	0.35	µg/L	NA	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 UT	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U
2-Chloroethyl Vinyl Ether	NSL	µg/L	< 1 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	50	µg/L	NA	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Acetone	50	µg/L	NA	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 UT	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Benzene	1	µg/L	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromochloromethane	5	µg/L	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromodichloromethane	50	µg/L	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromoform	50	µg/L	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromomethane	5	µg/L	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Carbon Disulfide	60	µg/L	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Carbon Tetrachloride	5	µg/L	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chlorobenzene	5	µg/L	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chlorodibromomethane	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	5	µg/L	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloroform	7	µg/L	0.55 J	0.58 J	0.48 J	0.48 J	0.42 J	0.42 J	0.52 J	0.49 J	0.41 J	0.44 J	0.42 J	0.4 J	0.31 J	0.43 J	0.48 J	0.43 J	0.48 J	0.38 J	0.34 J	0.35 J	0.34 J
Chloromethane	NSL	µg/L	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	0.23 J	< 1 U	< 1 U
Cis-1,2-Dichloroethylene	5	µg/L	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	0.2 J	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cis-1,3-Dichloropropene	0.4	µg/L	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cyclohexane	NSL	µg/L	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Dibromochloromethane	50	µg/L	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Dichlorodifluoromethane	5	µg/L	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Ethylbenzene	5	µg/L	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Isopropylbenzene (Cumene)	5	µg/L	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
m,p-Xylene	NSL	µg/L	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Methyl Acetate	NSL	µg/L	NA	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	NA	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	NA	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Methylcyclohexane	NSL	µg/L	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Methylene Chloride	5	µg/L	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Styrene	5	µg/L	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Tert-Butyl Methyl Ether	10	µg/L	NA	0.41 J	0.42 J	< 1 U	0.31 J	0.31 J	0.35 J	0.29 J	0.36 J	0.31 J	0.37 J	0.22 J	0.25 J	0.37 J	0.3 J	0.33 J	0.31 J	0.19 J	0.26 J	0.22 J	0.29 J
Tetrachloroethylene (PCE)	5	µg/L	82 J	100	93	81	92	83	110	94	78	82	92	90	86	96	160	96	94	110	95	88	89
Toluene	5	µg/L	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trans-1,2-Dichloroethene	5	µg/L	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trans-1,3-Dichloropropene	0.4	µg/L	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trichloroethylene (TCE)	5	µg/L	0.13 J	0.21 J	0.26 J	0.24 J	0.24 J	0.2 J	0.12 J	0.26 J	0.2 J	0.26 J	0.13 J	0.11 J	0.23 J	< 1 U	< 1 U	0.23 J	< 1 U	< 1 U	< 1 U	< 1 U
Trichlorofluoromethane	5	µg/L	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Vinyl Chloride	2	µg/L	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Xylenes, Total	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PFAS (EPA 1633/EPA 537M)																						
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorobutanoic Acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctane Sulfonamide (FOSA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	6.7	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
Screening level is the NYSDEC Class GA Ambient Water Quality Standards, 6 NYCRR Part 703, July 2021.
µg/L = Microgram(s) per liter
EPA = U.S. Environmental Protection Agency
J = Concentration is estimated
NA = Not analyzed
ng/L = Nanogram(s) per liter
NSL = No screening level available
PFAS = Per- and polyfluoroalkyl substances
U = Analyte not detected
Concentrations exceeding the screening level are shaded

Table 2. Historical Analytical Results (2012-2024)

Location ID			EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2
Sample Name			EW-2	EW-2	EW-2-20170608	EW-2-20170705	EW-2-20171012	EW-2-20180116	EW-2-20180425	EW-2-20180711	EW-2-20181010	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2	EW-2-20210707	EW-2-20221004
Parent Sample ID																			
Sample Date			4/12/2016	6/30/2016	6/8/2017	7/5/2017	10/12/2017	1/16/2018	4/25/2018	7/11/2018	10/10/2018	1/29/2019	4/23/2019	7/24/2019	10/16/2019	1/8/2020	7/7/2021	10/3/2022
Analyte	Groundwater Screening Level	Unit																	
1,1,1-Trichloroethane (TCA)	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2,2-Tetrachloroethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloroethane	1	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	0.3 J	0.5 J	0.48 J	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	0.41 J	0.55 J	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2,3-Trichlorobenzene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U
1,2,4-Trichlorobenzene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U
1,2-Dibromo-3-Chloropropane	0.04	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U
1,2-Dichlorobenzene	3	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloroethane	0.6	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloropropane	1	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,3-Dichlorobenzene	3	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	0.34 J	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,4-Dichlorobenzene	3	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,4-Dioxane (P-Dioxane)	0.35	µg/L	< 50 U	< 50 U	NA	NA	NA	NA	NA	NA	NA	NA	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	0.15 J
2-Chloroethyl Vinyl Ether	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	50	µg/L	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 10 U
Acetone	50	µg/L	18	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	9.4 J
Benzene	1	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromochloromethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromodichloromethane	50	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U
Bromoform	50	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromomethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U
Carbon Disulfide	60	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U
Carbon Tetrachloride	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U
Chlorobenzene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chlorodibromomethane	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	< 0.5 U
Chloroethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U
Chloroform	7	µg/L	< 1 U	0.47 J	0.39 J	< 1 U	0.36 J	0.32 J	0.25 J	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U
Chloromethane	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U
Cis-1,2-Dichloroethylene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Cis-1,3-Dichloropropene	0.4	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U
Cyclohexane	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U
Dibromochloromethane	50	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	NA
Dichlorodifluoromethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U
Ethylbenzene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Isopropylbenzene (Cumene)	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
m,p-Xylene	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U
Methyl Acetate	NSL	µg/L	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 1 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	2.3 J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	< 5 U	< 5 U	< 5 UJ	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 10 U
Methylcyclohexane	NSL	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Methylene Chloride	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U
O-Xylene (1,2-Dimethylbenzene)	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Styrene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Tert-Butyl Methyl Ether	10	µg/L	0.27 J	0.36 J	0.24 J	0.25 J	0.16 J	0.15 J	0.15 J	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Tetrachloroethylene (PCE)	5	µg/L	100	110	110	110	96	64	45	29	20	25	18	18	25	20	14	5.2
Toluene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	0.35 J
Trans-1,2-Dichloroethene	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trans-1,3-Dichloropropene	0.4	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 0.5 U
Trichloroethylene (TCE)	5	µg/L	0.28 J	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trichlorofluoromethane	5	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U
Vinyl Chloride	2	µg/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U
Xylenes, Total	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U
PFAS (EPA 1633/EPA 537M)																		
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 17 U	NA	< 19 U	< 18 U	< 4.34 U	< 4.1 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 17 U	NA	< 19 U	< 18 U	< 4.34 U	< 4.1 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 17 U	NA	< 19 U	< 18 U	< 4.34 U	< 4.1 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 17 U	NA	< 19 U	< 18 U	< 4.34 U	< 4.1 U
Perfluorobutanesulfonic acid (PFBS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2	2.3	2.1	2.2	3.24	3.6
Perfluorobutanoic Acid	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.8	NA	7.3	6.9	6.31	6.3
Perfluorodecanesulfonic acid (PFDS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.7 U	NA	< 1.9 U	< 1.8 U	< 1.74 U	< 4.1 U
Perfluorodecanoic acid (PFDA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.7 U	NA	< 1.9 U	< 1.8 U	< 1.74 U	0.55 J
Perfluorododecanoic acid (PFDoA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.7 U	NA	< 1.9 U	< 1.8 U	< 1.74 U	NA
Perfluoroheptanesulfonic acid (PFHpS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.7 U	NA	< 1.9 U	< 1.8 U	0.4 J	< 4.1 U
Perfluoroheptanoic acid (PFHpA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.9	8.6	9.5	9.6	9.18	11
Perfluorohexanesulfonic acid (PFHxS)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.9	6.8	7	6.9	6.35	8.1
Perfluorohexanoic acid (PFHxA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11	NA	11	10	9.87	11
Perfluorononanoic acid (PFNA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.7 U	< 2 U	< 1.9 U	< 1.8 U	1.31 J	2.9
Perfluorooctane Sulfonamide (FOSA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.7 U	NA	< 1.9 U	< 1.8 U	< 1.74 U	< 4.1 U
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13	12	15	11	12.3	20
Perfluorooctanoic acid (PFOA)	6.7	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24	25	26	22	26.7	35
Perfluoropentanoic Acid (PFPeA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	14	NA	10	11	9.25	11
Perfluorotetradecanoic acid (PFTA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.7 U	NA	< 1.9 U	< 1.8 U	< 1.74 U	< 4.1 U
Perfluorotridecanoic Acid (PFTrDA/PFTrDA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.7 U	NA	< 1.9 U	< 1.8 U	< 1.74 U	< 4.1 U
Perfluoroundecanoic Acid (PFUnA)	NSL	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.7 U	NA	< 1.9 U	< 1.8 U	< 1.74 U	0.49 J

Notes:
Screening level is the NYSDEC Class GA Ambient Water Quality Standards, 6 NYCRR Part 703, July 2021.
µg/L = Microgram(s) per liter
EPA = U.S. Environmental Protection Agency
J = Concentration is estimated
NA = Not analyzed
ng/L = Nanogram(s) per liter
NSL = No screening level available
PFAS = Per- and polyfluoroalkyl substances
U = Analyte not detected
Concentrations exceeding the screening level are shaded

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Figures

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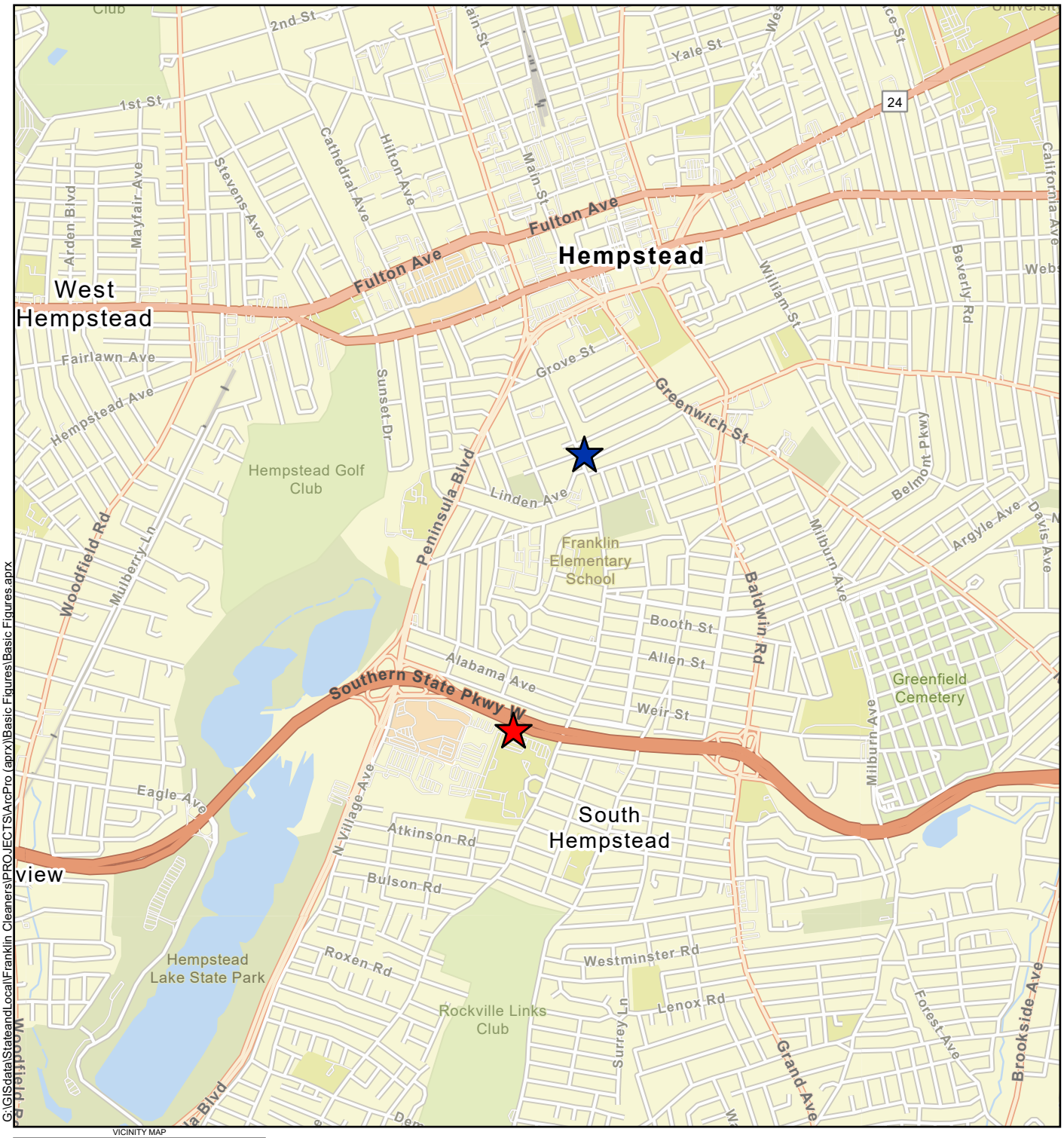

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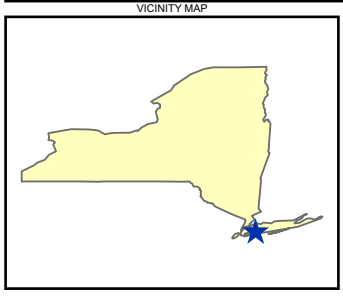
VICINITY MAP



0 0.25 0.5
Miles

N

Legend

- Franklin Cleaners Site
- Groundwater Extraction and Treatment System

Figure 1
Site Location
Franklin Cleaners Site
Hempstead, New York

Map Date: 6/24/2024
Projection: NAD 1983 (2011) StatePlane New York Long Isl FIPS 3104 (us feet)

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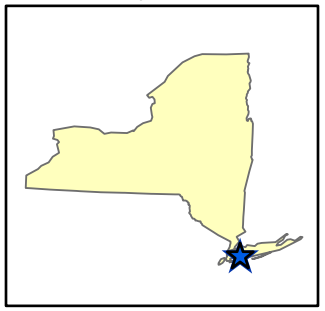
VICINITY MAP



Legend

- Former SVE/Air Sparging Systems Enclosure
- Buildings/Structures
- Fencing
- Air Sparge Well
- Dry Well
- Groundwater Monitoring Well
- Soil Vapor Extraction Well
- Vapor Monitoring Probe

N

0 20 40

Feet

Map Date: 6/24/2024
Projection: NAD State Plane
New York Long Island 3104 (US Feet)
Source: Esri

NEW YORK STATE Department of Environmental Conservation

Figure 2
Site Plan (On-site)
Franklin Cleaners Site (130050)
Hempstead, Nassau County, New York

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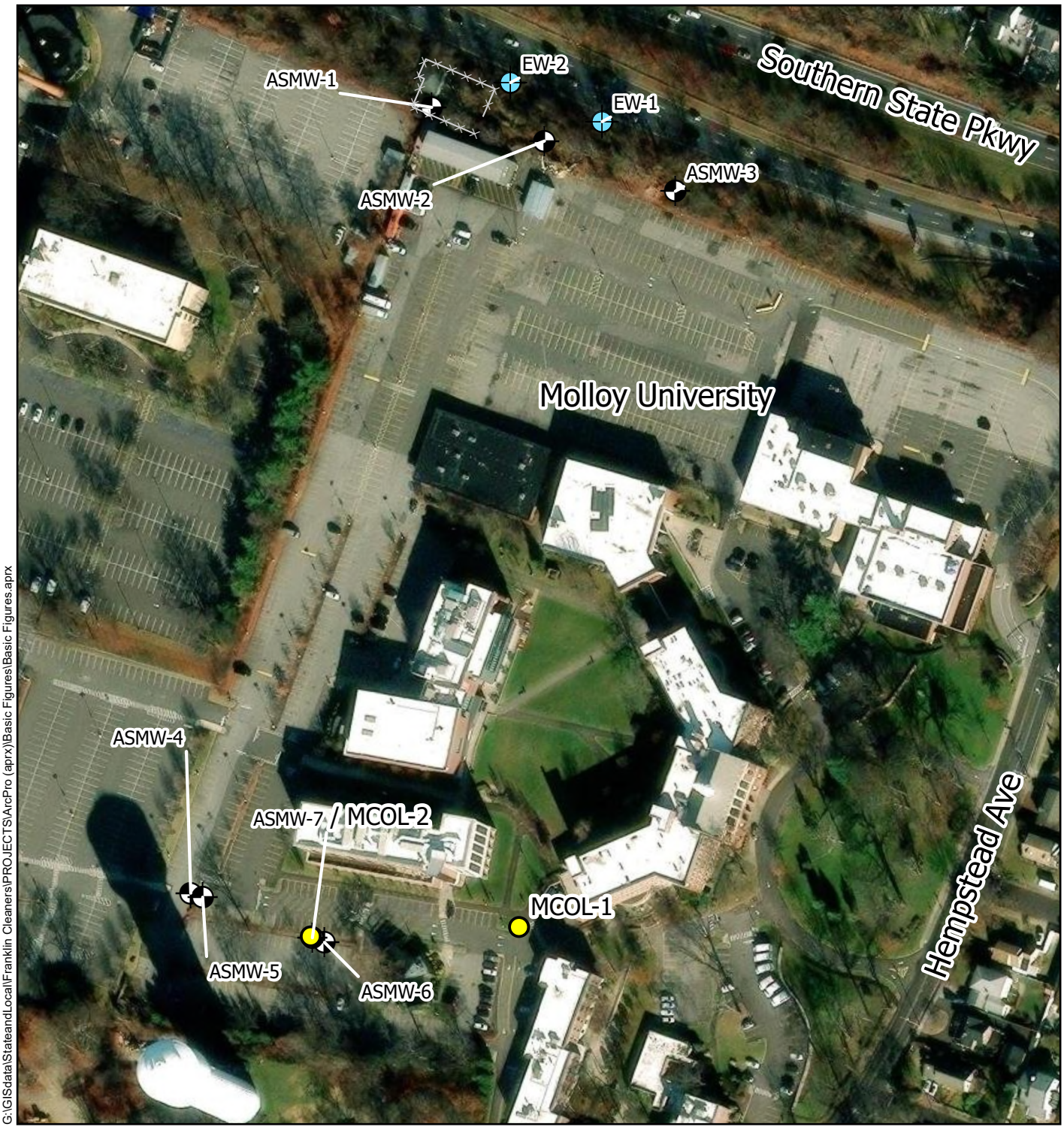

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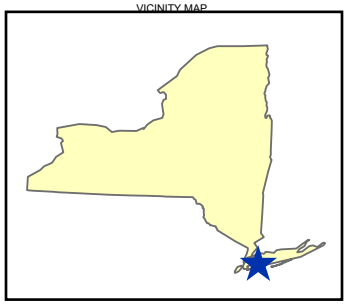


0 125 250
Feet
N

Legend

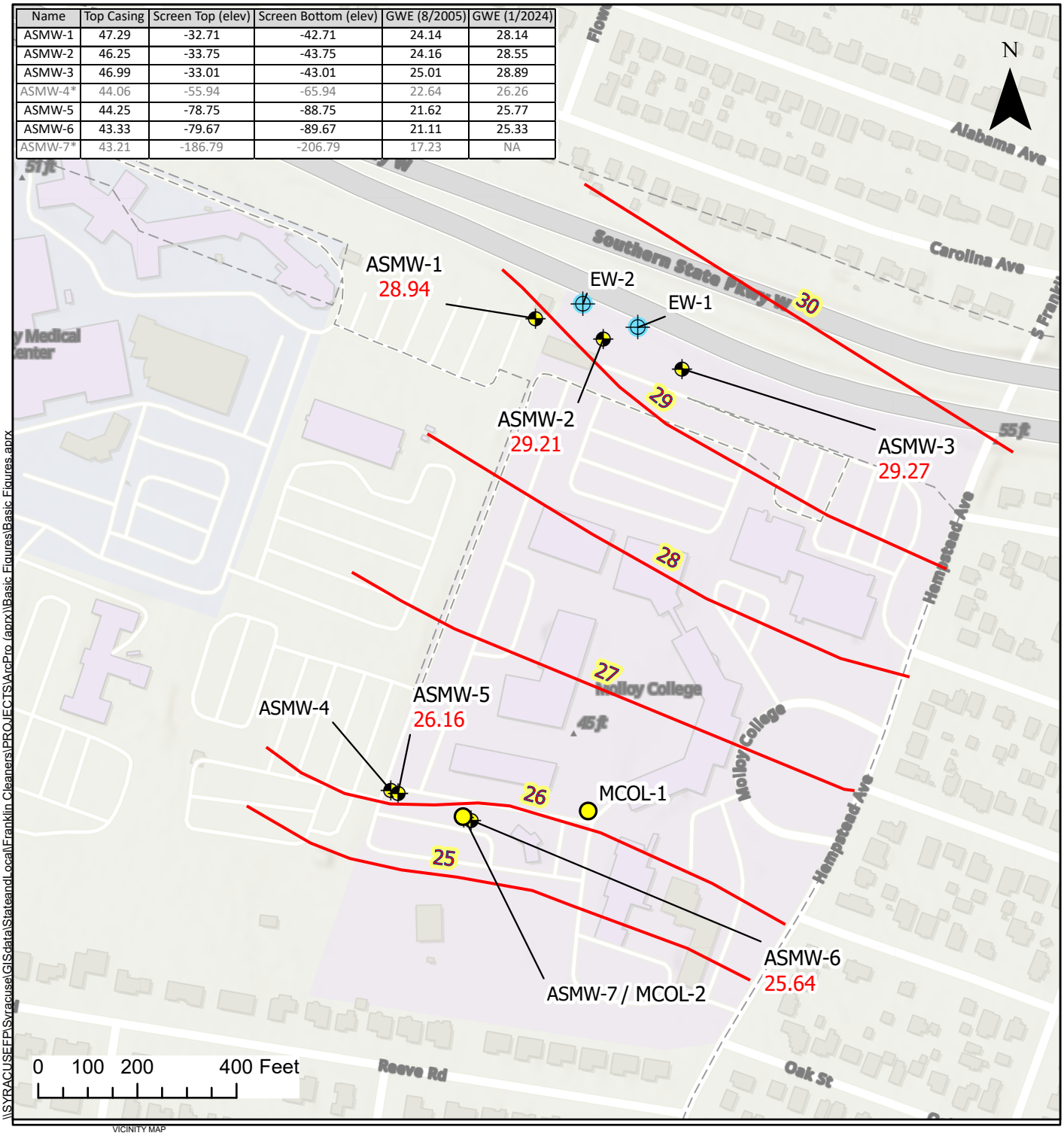
- Site Location
- Extraction Wells
- Groundwater Monitoring Wells to be Abandoned
- Irrigation Well
- Fencing

Figure 3
Site Plan (Offsite)
Franklin Cleaners (NYSDEC Site No. 130050)
Molloy University, 1000 Hempstead Avenue,
Rockville Centre, Nassau County, New York

Map Date: 6/24/2024
Projection: NAD 1983 (2011)
New York Long Isl FIPS 3104 (us feet)

NEW YORK STATE Department of Environmental Conservation

Name	Top Casing	Screen Top (elev)	Screen Bottom (elev)	GWE (8/2005)	GWE (1/2024)
ASMW-1	47.29	-32.71	-42.71	24.14	28.14
ASMW-2	46.25	-33.75	-43.75	24.16	28.55
ASMW-3	46.99	-33.01	-43.01	25.01	28.89
ASMW-4*	44.06	-55.94	-65.94	22.64	26.26
ASMW-5	44.25	-78.75	-88.75	21.62	25.77
ASMW-6	43.33	-79.67	-89.67	21.11	25.33
ASMW-7*	43.21	-186.79	-206.79	17.23	NA



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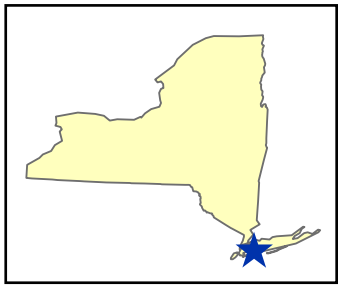


Legend

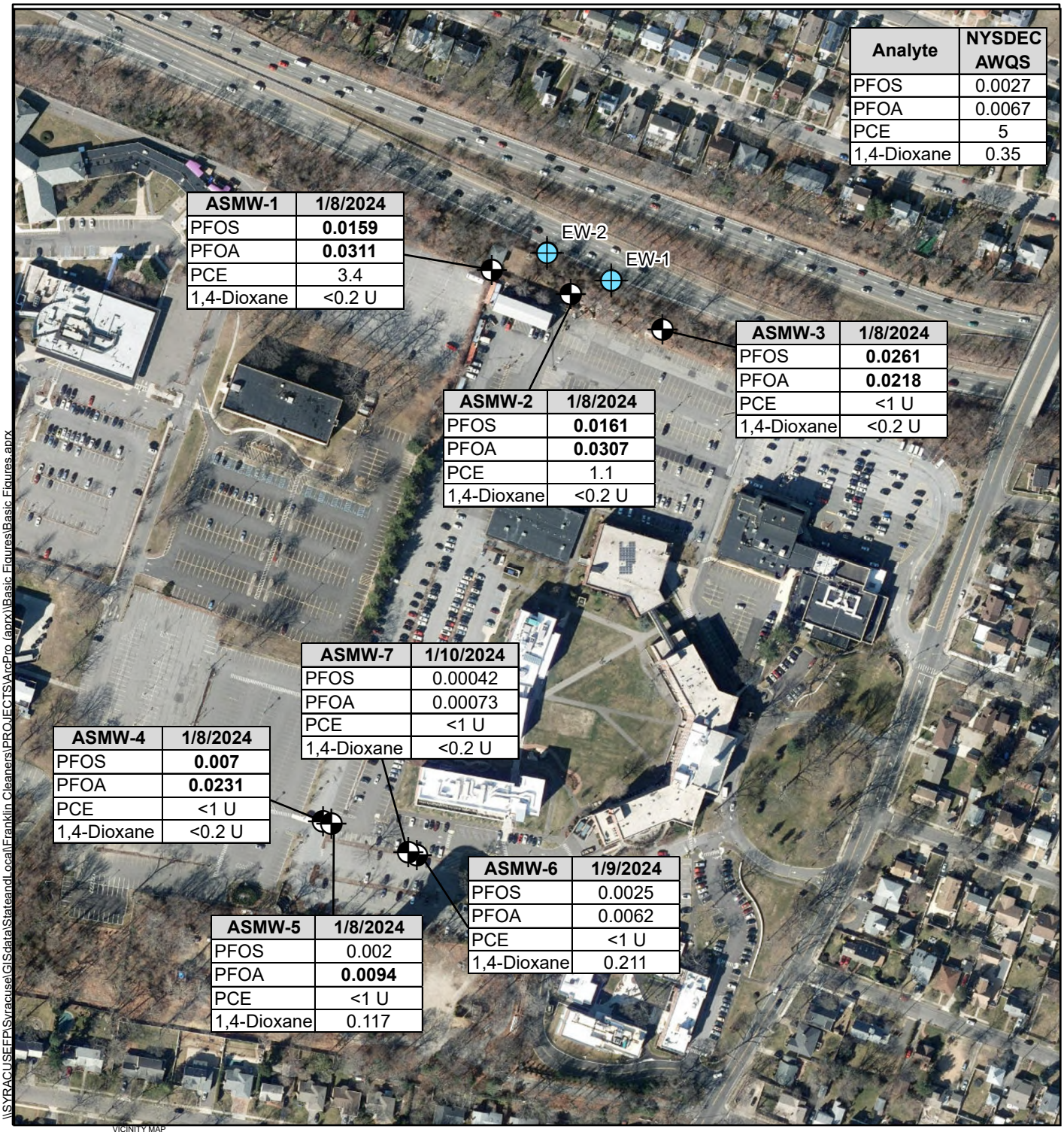
- Site Location
- Groundwater Contours (Elev.)
- Extraction Wells
- Monitoring Wells
- Irrigation Wells

* ASMW-4 and ASMW-7 excluded from contour for conflicting screen depth reasons

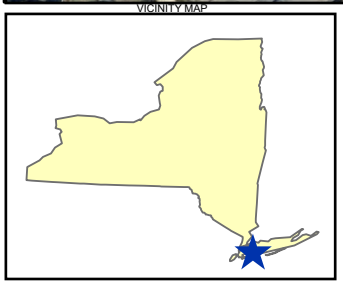
Figure 4
Groundwater Contour (Jan. 2024)
Franklin Cleaners (130050)
Project Location: Rockville Center, NY

Map Date: 2/29/2024
Projection: NYSP 3104

NEW YORK STATE | Department of Environmental Conservation



VICINITY MAP



0 175 350
Feet
N

Legend

- Site Location
- Extraction Wells
- Monitoring Wells

Note:
Screening level is NYSDEC Class GA Ambient Water Quality Standards, 6 NYCRR Part 703, July 2021.
Concentrations are in micrograms per liter (µg/L).
AWQS = Ambient Water Quality Standards
NYCRR = New York Codes, Rules, and Regulations
NYSDEC = New York State Department of Environmental Conservation
PCE = Tetrachloroethylene
PFOA = Perfluorooctanoic acid
PFOS = Perfluorooctanesulfonic acid
U = Analyte not detected above detection limit.
Bolded values exceed NYSDEC AWQS.

Figure 5
January 2024 Sampling Results
Franklin Cleaners Site
Hempstead, New York

Map Date: 3/4/2024
Projection: NAD 1983 (2011) StatePlane New York Long Isl FIPS 3104 (us feet)

NEW YORK STATE Department of Environmental Conservation

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Appendix A

Monitoring Well Assessment Checklists

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EPA Region 2 Superfund Well Assessment Checklist

Facility Information

Site Name: Franklin Cleaners
Site Address: 1000 Hempstead Ave
Site County: Nassau
Site State: NY
EPA Site ID Number:
Site Owner:
EPA Project Manager:

Well Locational Information

State Well ID:
Well Tag ID: ASMW-1
Well Installation date:

	From Log	By GPS
Ground Surface Elevation		
Latitude	40.6882854	
Longitude	-73.6274724	
Northing (State Plane)		
Easting (State Plane)		

Cross streets (if applicable): N/A

GPS Instrument used: N/A
Datum: N/A
Accuracy/Precision: N/A

Well Construction Details

Type of well (Circle one) (Flush Mount) Stick up Multilevel Well*
Well lock\security type: Bolts + Lock
Elevation (top of inner casing): 47.29
Surface casing material: Steel
Well casing material: PVC
Surface Casing diameter: 12 *inches*
Well Diameter: 2 *inches*
Well Depth (as installed): 90.2 *ftbgs*
Well Depth (as measured): 89.30 *fttoc*
Screened interval: 80.2 - 90.2 *ft*
Open hole interval: *ft*
Depth to water: 19.15 *ftbtoc*
Date: 1/8/24 Time: 1600

* If multilevel well please see attached worksheet.

EPA Region 2 Superfund Well Assessment Checklist

Facility Information

Site Name: Franklin Cleaners
Site Address: 1000 Hempstead Ave.
Site County: Nassau
Site State: NY
EPA Site ID Number:
Site Owner:
EPA Project Manager:

Well Locational Information

State Well ID:
Well Tag ID: ASMW-2
Well Installation date:

	From Log	By GPS
Ground Surface Elevation		
Latitude	40.6881715	
Longitude	-73.6269789	
Northing (State Plane)		
Easting (State Plane)		

Cross streets (if applicable): N/A

GPS Instrument used: N/A
Datum: N/A
Accuracy/Precision: N/A

Well Construction Details

Type of well (Circle one) Flush Mount Stick up Multilevel Well*
Well lock\security type: Bolts + Lock
Elevation (top of inner casing): 46.25
Surface casing material: Steel
Well casing material: PVC
Surface Casing diameter: 12 *inches*
Well Diameter: 2 *inches*
Well Depth (as installed): 90 *ftbgs*
Well Depth (as measured): 89.9 *fttoc*
Screened interval: 80-90 *ft*
Open hole interval: *ft*
Depth to water: 17.7 *ftbtoc*
Date: 1/8/24 *Time:* 1605

* If multilevel well please see attached worksheet.

EPA Region 2 Superfund Well Assessment Checklist

Facility Information

Site Name: Franklin Cleaners
Site Address: 1000 Hempstead Ave
Site County: Nassau
Site State: NY
EPA Site ID Number: _____
Site Owner: _____
EPA Project Manager: _____

Well Locational Information

State Well ID: _____
Well Tag ID: ASMW-3
Well Installation date: _____

	From Log	By GPS
Ground Surface Elevation		
Latitude	40.688027	
Longitude	-73.626408Z	
Northing (State Plane)		
Easting (State Plane)		

Cross streets (if applicable): N/A

GPS Instrument used: N/A
Datum: N/A
Accuracy/Precision: N/A

Well Construction Details

Type of well (Circle one) (Flush Mount) Stick up Multilevel Well*
Well lock\security type: Bolt + lock
Elevation (top of inner casing): 46.99
Surface casing material: Steel
Well casing material: PVC
Surface Casing diameter: 12 *inches*
Well Diameter: 2 *inches*
Well Depth (as installed): 90 *ftbgs*
Well Depth (as measured): 90.5 *fttoc*
Screened interval: 80-90 *ft*
Open hole interval: _____ *ft*
Depth to water: 18.10 *ftbtoc*
Date: 1/8/24 *Time:* 1725

* If multilevel well please see attached worksheet.

EPA Region 2 Superfund Well Assessment Checklist

Facility Information

Site Name: Franklin Cleaners
Site Address: 1220 Hempstead Ave
Site County: Nassau County
Site State: NY
EPA Site ID Number:
Site Owner:
EPA Project Manager:

Well Locational Information

State Well ID:
Well Tag ID: ASMW-4
Well Installation date:

	From Log	By GPS
Ground Surface Elevation		
Latitude	40.685673	
Longitude	-73.628540	
Northing (State Plane)		
Easting (State Plane)		

Cross streets (if applicable): NA

GPS Instrument used: NA
Datum: NA
Accuracy/Precision: NA

Well Construction Details

Type of well (Circle one) (Flush Mount) Stick up Multilevel Well*
Well lock\security type: Bolts & Lock
Elevation (top of inner casing): 44.06
Surface casing material: Steel
Well casing material: ~~Steel~~ PVC
Surface Casing diameter: 12 inches *inches*
Well Diameter: 2 *inches*
Well Depth (as installed): 110 *ftbgs*
Well Depth (as measured): 106.8 *fttoc*
Screened interval: 100-110 *ft*
Open hole interval: *ft*
Depth to water: 17.80 *ftbtoc*
Date: 1/8/2024 Time: 1330

* If multilevel well please see attached worksheet.

EPA Region 2 Superfund Well Assessment Checklist

Facility Information

Site Name: Franklin Cleaners
Site Address: 1000 Hempstead Ave
Site County: Nassau
Site State: NY
EPA Site ID Number: _____
Site Owner: _____
EPA Project Manager: _____

Well Locational Information

State Well ID: _____
Well Tag ID: ASMW-5
Well Installation date: _____

	From Log	By GPS
Ground Surface Elevation		
Latitude	40.685587	
Longitude	-73.628484	
Northing (State Plane)		
Easting (State Plane)		

Cross streets (if applicable): N/A

GPS Instrument used: N/A
Datum: N/A
Accuracy/Precision: N/A

Well Construction Details

Type of well (Circle one) (Flush Mount) Stick up Multilevel Well*
Well lock\security type: Bolts + Locks
Elevation (top of inner casing): 44.25
Surface casing material: Steel
Well casing material: PVC
Surface Casing diameter: 12 *inches*
Well Diameter: 2 *inches*
Well Depth (as installed): 133 *ftbgs*
Well Depth (as measured): ~~(illegible)~~ 132.05 *fttoc*
Screened interval: 123-133 *ft*
Open hole interval: _____ *ft*
Depth to water: 18.48 *ftbtoc*
Date: 1/8/2024 *Time:* 1400

* If multilevel well please see attached worksheet.

EPA Region 2 Superfund Well Assessment Checklist

Facility Information

Site Name: Franklin Cleaners
Site Address: 1060 Hempstead Ave
Site County: Nassau
Site State: NY
EPA Site ID Number:
Site Owner:
EPA Project Manager:

Well Locational Information

State Well ID:
Well Tag ID: ASMW-6
Well Installation date:

	From Log	By GPS
Ground Surface Elevation		
Latitude	40.685506S	
Longitude	-73.627956G	
Northing (State Plane)		
Easting (State Plane)		

Cross streets (if applicable): N/A

GPS Instrument used: N/A
Datum: N/A
Accuracy/Precision: N/A

Well Construction Details

Type of well (Circle one) ~~Flush Mount~~ Stick up Multilevel Well*
Well lock\security type: Bolts + Locks
Elevation (top of inner casing): 45.33
Surface casing material: Steel
Well casing material: PVC
Surface Casing diameter: 12 *inches*
Well Diameter: 2 *inches*
Well Depth (as installed): 132 *ftbgs*
Well Depth (as measured): 133.2 *fttoc*
Screened interval: 122-132 *ft*
Open hole interval: *ft*
Depth to water: 18.06 *ftbtoc*
Date: 1/8/24 *Time:* 0845

* If multilevel well please see attached worksheet.

EPA Region 2 Superfund Well Assessment Checklist

Facility Information

Site Name: Franklin Cleaners
Site Address: 1000 Hempstead Ave
Site County: Nassau
Site State: NY
EPA Site ID Number: _____
Site Owner: _____
EPA Project Manager: _____

Well Locational Information

State Well ID: _____
Well Tag ID: ASMW-7
Well Installation date: _____

	From Log	By GPS
Ground Surface Elevation		
Latitude	40.6855215	
Longitude	-73.6280094	
Northing (State Plane)		
Easting (State Plane)		

Cross streets (if applicable): N/A

GPS Instrument used: N/A
Datum: N/A
Accuracy/Precision: N/A

Well Construction Details

Type of well (Circle one) (Flush Mount) Stick up Multilevel Well*
Well lock\security type: Bolts + Lock
Elevation (top of inner casing): 43.21
Surface casing material: Steel
Well casing material: PVC
Surface Casing diameter: _____ *inches*
Well Diameter: _____ *inches*
Well Depth (as installed): 250 *ftbgs*
Well Depth (as measured): _____ *fttoc*
Screened interval: 250 - 250 *ft*
Open hole interval: _____ *ft*
Depth to water: _____ *ftbtoc*
Date: 1/10/24 *Time:* 1100

* If multilevel well please see attached worksheet.

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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: Franklin Cleaners, Hempstead, NY

Weather Conditions				
General Description	NA	AM	Sunny	PM
Temperature	NA	AM	55	PM
Wind	NA	AM	6	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:	1515	Departed Site:	1545

(1515) EA (J. Oliver, A. Etringer, G. Reeder) onsite; NYSDEC (J. Stefansky, P. Long, J. Dyber) onsite.

- Treatment system is offline, EA will be responsible for decommissioning and salvage.
- EW-1 and EW-2 (extraction wells for the treatment system) are no longer in service and should be abandoned.
- ASMW-1, ASMW-2, ASMW-3 were located. ASMW-1 and ASMW-2 are missing bolts.

(1545) 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	Yes
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

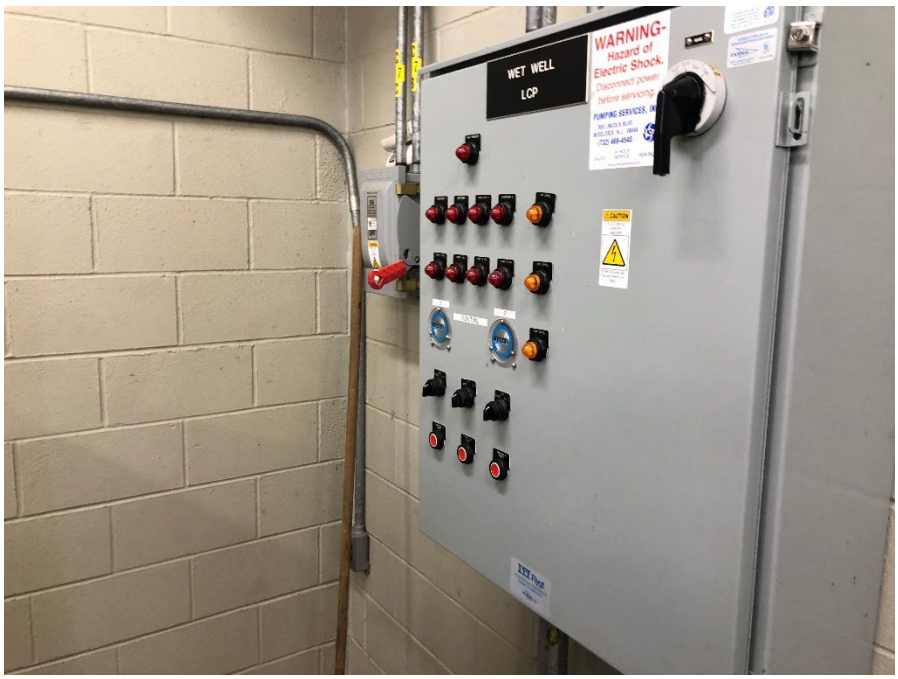
None.
Issues Pending
None.
Interaction with Public, Property Owners, Media, etc.
None.

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

Site Photographs (Descriptions Below)

Drums (empty) outside of groundwater treatment system building

Electrical transformer in the treatment system yard



Treatment system electrical panel

Air stripper process piping, partially decommissioned

ASMW-1

ASMW-2

ASMW-3

Comments	
Site Inspector(s): Josh Oliver, Adam Etringer, and Grant Reeder	**Date: 04/03/2023**

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.

DEC PM – Jasmine Stefansky

Engineer PM – Joshua Oliver

Engineer Insp. – Cody Badman

Site Location: 1000 Hempstead Avenue, Rockville Centre, NY

Weather Conditions

General Description	Sunny	AM	Sunny	PM
Temperature	40	AM	45	PM
Wind	Calm	AM	Calm	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:	1100	Departed Site:	1800

(1100) C. Badman and P. Coles-Carruthers (EA) onsite. (1120) Calibrate Horiba U-52s. (1130) Calibrate PID. (1135) Tailgate Health and Safety meeting covering topics of sun, hydration, and traffic.

(1212) Begin purge of ASMW-4.
(1227) Begin purge of ASMW-5.
(1254) Sample 130050-ASMW-5-01082024 for PFAS, 1,4-Dioxane, and VOCs. Collected MS/MSD
(1324) Sample 130050-ASMW-4-01082024 for PFAS, 1,4-Dioxane, and VOCs. Collected 130050-DUP-01-01082024.
(1400) Search for ASMW-6, ASMW-7
(1525) Begin purge of ASMW-1
(1527) Begin purge of ASMW-2
(1552) Sample 130050-ASMW-1-01082024 for PFAS, 1,4-Dioxane, and VOCs.
(1554) Sample 130050-ASMW-2-01082024 for PFAS, 1,4-Dioxane, and VOCs.
(1652) Begin purge of ASMW-3.
(1722) Sample 130050-ASMW-3-01082024 for PFAS, 1,4-Dioxane, and VOCs.
(1730) Collect 130050-RB-01-01082024.
(1745) Pack up truck.
(1800) 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
Cody Badman	EA	Scientist	7
Philomena Coles-Carruthers	EA	Intern	7

Equipment Description	Contractor/Vendor	Quantity	Used
Electronic Water Level Meter	Pine Environmental	2	Yes
Peristaltic Pump	Pine Environmental	2	Yes
Horiba U-52	Pine Environmental	2	Yes
PID	Pine Environmental	1	Yes
Ford F-150 Supercab	EA	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

None.

Interaction with Public, Property Owners, Media, etc.

None.

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

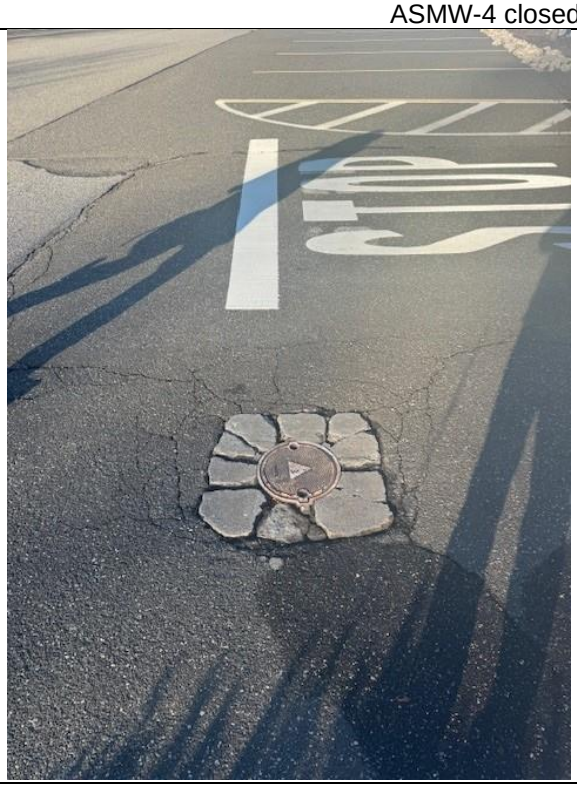
Site Photographs (Descriptions Below)

ASMW-1 closed/ASMW-1 open

ASMW-2 open/ ASMW-2 closed

ASMW-3 closed/ASMW-3 open


ASMW-4 closed/ASMW-4 open



ASMW-5 closed/ASMW-5 open

Setup on ASMW-1/Setup on ASMW-4

Setup on ASMW-5

Comments	
Site Inspector(s): Cody Badman	**Date: 01/08/2024**

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.

DEC PM – Jasmine Stefansky

Engineer PM – Joshua Oliver

Engineer Insp. – Cody Badman

Site Location: 1000 Hempstead Avenue, Rockville Centre, NY

Weather Conditions

General Description	Cloudy	AM	Rainy	PM
Temperature	32	AM	40	PM
Wind	Calm	AM	Calm	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:	0645	Departed Site:	1700

(0645) C. Badman and P. Coles-Carruthers (EA) onsite. (0700) Calibrate Horiba U-52s. (0715) Calibrate PID. (0720) Tailgate Health and Safety meeting covering topics of traffic and cold weather.

(0730) Search for ASMW-7

(0750) Begin purge of ASMW-6
(0835) Sample 130050-ASMW-6-01092024 for PFAS, 1,4-Dioxane, and VOCs

(0845) Search for ASMW-7

(1115) Complete monthly fire extinguisher inspection
(1125) Called Strong Island Electric, discussed location of work
(1135) Tom and Kevin (Strong Island Electric) onsite
(1150) Strong Island Electric offsite.

(1200) Mobilize to Active Industrial Uniform Site
(1300) Perform monthly inspection at Active Industrial Uniform Site
(1400) Mobilize to Franklin Cleaners Site

(1430) Locate ASMW-7
(1500) Attempt to open ASMW-7
(1600) Collect 130050-RB-02-01092024
(1700) 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
Cody Badman	EA	Scientist	10.25
Philomena Coles-Carruthers	EA	Intern	10.25

Equipment Description	Contractor/Vendor	Quantity	Used
Electronic Water Level Meter	Pine Environmental	2	Yes
Peristaltic Pump	Pine Environmental	2	Yes
Horiba U-52	Pine Environmental	2	Yes
PID	Pine Environmental	1	Yes
Ford F-150 Supercab	EA	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	
Tom and Kevin	Strong Island Electric	Yes	**No**

Site Representatives

Name	Representing
None.	

Project Schedule Comments

None.

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)

Setup on ASMW-6

Fire Extinguisher Tag

ASMW-6 closed

ASMW-6 open

Comments

Site Inspector(s): Cody Badman	**Date: 01/09/2024**

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.

DEC PM – Jasmine Stefansky

Engineer PM – Joshua Oliver

Engineer Insp. – Cody Badman

Site Location: 1000 Hempstead Avenue, Rockville Centre, NY

Weather Conditions

General Description	Cloudy	AM		PM
Temperature	47	AM		PM
Wind	Calm	AM		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:	0730	Departed Site:	1115

(0730) C. Badman and P. Coles-Carruthers (EA) onsite. (0740) Calibrate Horiba U-52s. (0745) Tailgate Health and Safety meeting covering topics of traffic and cold weather.

(0950) Pine Environmental onsite to drop off HDPE tubing.
(0955) Pine Environmental offsite.

(1006) Begin purge of ASMW-7.
(1042) Sample 130050-ASMW-7-01102024 for PFAS, 1,4-Dioxane, and VOCs.

(1100) Pack up truck.
(1115) 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
Cody Badman	EA	Scientist	3.75
Philomena Coles-Carruthers	EA	Intern	3.75

Equipment Description	Contractor/Vendor	Quantity	Used
Electronic Water Level Meter	Pine Environmental	2	Yes
Peristaltic Pump	Pine Environmental	2	Yes
Horiba U-52	Pine Environmental	2	Yes
PID	Pine Environmental	1	Yes
Ford F-150 Supercab	EA	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	
Angel	Pine Environmental	Yes	**No**

Site Representatives

Name	Representing
None.	

Project Schedule Comments

None.

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)

ASMW-7

ASMW-7 sample port

Comments	
Site Inspector(s): Cody Badman	**Date: 01/10/2024**

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

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Appendix C

Field Equipment Calibration Forms

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FIELD CALIBRATION FORM

Site Name: Franklin Cleaners

INSTRUMENT: MiniRAE 3000	INSTRUMENT ID No: 43989
OPERATOR: P.C.	WEATHER: Sunny, 40°
SPAN GAS TYPE: 100 ppm Isobutylene	DATE: 1/8/24
CALIBRATION NOTES:	
Init zero: 0.0 ppm	
span: 100.0 ppm	
COMMENTS: None	
SIGNATURE: Philomena Cox	DATE: 1/8/24

FIELD CALIBRATION FORM

Site Name: Franklin Cleaners

INSTRUMENT: MiniRAE 3000	INSTRUMENT ID No: 043989
OPERATOR: P. Coles-Carruthers	WEATHER: Overcast, 40°
SPAN GAS TYPE: 100 ppm isobutylene	DATE: 1/9/24
CALIBRATION NOTES:	
Zero: 0.0 ppm	
Span: 100.0 ppm	
COMMENTS: None	
SIGNATURE: PhilomenaCarruthers	DATE: 1/9/23

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

CALIBRATION
DATE: 1/8/24
TIME: 1120
METER ID: 21078

pH CALIBRATION

pH STANDARD	INITIAL READING	FINAL READING
4.0	4.26	3.96

CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49	4.14	4.53

TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0 NTU	0.1	0.0

COMMENTS

None

SIGNATURE

P Wilson

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

CALIBRATION
DATE: 1/8/24
TIME: 1127
METER ID: 21293

pH CALIBRATION

pH STANDARD	INITIAL READING	FINAL READING
4.0	4.51	3.94

CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49	4.31	4.53

TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0 NTU	2.9	0.8

COMMENTS

None

SIGNATURE

P Williamson CaC

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

CALIBRATION
DATE: 1/9/24
TIME: 0703
METER ID: 21293

pH CALIBRATION

pH STANDARD	INITIAL READING	FINAL READING
4.0	4.08	4.02

CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49	~~0.0~~ 13.09	4.75

TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0 NTU	0.0	2.2

COMMENTS

None

SIGNATURE

P Philomena

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

CALIBRATION
DATE: 1/9/24
TIME: 0708
METER ID: 21078

pH CALIBRATION

pH STANDARD	INITIAL READING	FINAL READING
4.0	4.11	3.93

CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49	4.60	4.77

TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0 NTU	0.0	0.0

COMMENTS

None

SIGNATURE

P Filomena

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

CALIBRATION
DATE: 1/10/23
TIME: 0738
METER ID: 21293

pH CALIBRATION

pH STANDARD	INITIAL READING	FINAL READING
4.0	3.98	3.99

CONDUCTIVITY CALIBARATION

CONDUCTIVITY STANDARD	STANDARD READING	FINAL READING
4.49	4.48	4.53

TURBIDITY CALIBRATION

STANDARD	INITIAL READING	FINAL READING
0 NTU	1.0	0.0

COMMENTS

None

SIGNATURE

Philomena McCann

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Appendix D

Groundwater Sampling Purge Forms

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EA Engineering, P.C.
EA Science and Technology

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

GROUNDWATER SAMPLING PURGE FORM

Well I.D.: ASMW-1	EA Personnel: CB, PC	Client: NYSDEC (130050)
Location: Mallory Campus	Well Condition: Good	Weather: Sunny 40°F
Sounding Method: Heron WLM	Gauge Date: 1/8/24	Measurement Ref: TOIC
Stick Up/Down (ft): Flush	Gauge Time: 1600	Well Diameter (in): 2

Purge Date: 1/8/24	Purge Time: 1525
Purge Method: Low flow peri pump	Field Technician: C. Badman

Well Volume

A. Well Depth (ft): 89.30	D. Well Volume (ft): 0.163	Depth/Height of Top of PVC: ~0.5 ft.
B. Depth to Water (ft): 19.15	E. Well Volume (gal) C*D: 11.43	Pump Type: Peristaltic pump
C. Liquid Depth (ft) (A-B): 70.15	F. Three Well Volumes (gal) (E3): 34.29	Pump Intake Depth: Mid-Screen

Water Quality Parameters

Time (hrs)	Temperature (oC)	pH (pH units)	ORP (mV)	Conductivity (S/m)	Turbidity (ntu)	DO (mg/L)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)
1525	13.71	5.45	128	0.523	12.3	3.44	—	0.25	—
1528	13.77	5.45	139	0.522	1.0	3.37	—	0.25	0.75
1531	13.79	5.43	148	0.522	5.3	3.37	—	0.25	1.50
1534	13.84	5.42	152	0.521	2.0	3.33	—	0.25	2.25
1537	13.89	5.40	157	0.520	0.1	3.34	—	0.25	3.00
1540	13.90	5.38	161	0.519	0.0	3.26	—	0.25	3.75
1543	13.94	5.37	162	0.518	0.0	3.25	—	0.25	4.50
1546	14.00	5.37	161	0.518	0.0	3.20	—	0.25	5.25
1549	13.98	5.37	161	0.517	0.0	3.13	—	0.25	6.00
1552	13.95	5.37	160	0.517	0.0	3.14	—	0.25	6.75

Total Quantity of Water Removed (gal): 1.782
Samplers: CB, PC
Sampling Date: 1/8/24
Sampling Time: 1552
Split Sample With: N/A
Sample Type: Grab

COMMENTS AND OBSERVATIONS: well gauged after sampling

EA Engineering, P.C.
EA Science and Technology

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

GROUNDWATER SAMPLING PURGE FORM

Well I.D.: ASMW-2	EA Personnel: P. Coles-Carruthers	Client: NYSDEC (180050)
Location: [redacted] Malloy Campus	Well Condition: OK	Weather: Sunny, 44°
Sounding Method: Heron WLM	Gauge Date: 1/8/24	Measurement Ref: TOIC
Stick Up/Down (ft): Flush	Gauge Time: 1605	Well Diameter (in): 2

Purge Date: 1/8/24	Purge Time: 1527
Purge Method: Low-flow peri pump	Field Technician: P. Coles-Carruthers / C. Badman

Well Volume

A. Well Depth (ft): 89.9	D. Well Volume (ft): 0.163	Depth/Height of Top of PVC: -0.25ft.
B. Depth to Water (ft): 17.7	E. Well Volume (gal) C*D: 11.77	Pump Type: peristaltic pump
C. Liquid Depth (ft) (A-B): 72.2	F. Three Well Volumes (gal) (E3): 35.31	Pump Intake Depth: mid-screen

Water Quality Parameters

Time (hrs)	Temperature (oC)	pH (pH units)	ORP (mV)	Conductivity (S/m)	Turbidity (ntu)	DO (mg/L)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)
1527	13.13	5.99	192	0.359	34.2	3.39	—	0.25	—
1530	14.24	6.01	194	0.455	25.2	2.14	—	|	0.75
1533	14.56	5.99	196	0.478	20.9	1.81	—	|	1.50
1536	14.75	5.94	197	0.504	14.9	1.53	—	|	2.25
1539	14.94	6.90	199	0.515	12.0	1.37	—	|	3.00
1542	14.98	5.89	200	0.515	8.6	1.37	—	|	3.75
1545	15.14	5.87	200	0.511	14.3	1.37	—	|	4.50
1548	15.38	5.86	202	0.509	7.7	1.37	—	|	5.25
1551	15.41	5.86	203	0.508	7.0	1.38	—	|	6.00
1554	15.46	5.86	203	0.507	8.1	1.42	—	|	6.75

Total Quantity of Water Removed (gal): 1.782
Samplers: CB, PC
Sampling Date: 1/8/24
Sampling Time: 1554
Split Sample With: N/A
Sample Type: Grab

COMMENTS AND OBSERVATIONS: Well gauged after Sampling

EA Engineering, P.C.
EA Science and Technology

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

GROUNDWATER SAMPLING PURGE FORM

Well I.D.: ASMW-3	EA Personnel: C. Badman / P. Coles-Carr	Client: NYSDEC (130050)
Location: Mallory Campus	Well Condition: OK	Weather: Sunny, 44°F
Sounding Method: Heron WLM	Gauge Date: 01/08/24	Measurement Ref: TOIC
Stick Up/Down (ft): Flush	Gauge Time: 1725	Well Diameter (in): 2

Purge Date: 01/08/2024	Purge Time: 1652
Purge Method: Low flow peri pump	Field Technician: C. Badman

Well Volume

A. Well Depth (ft): ~~90.5~~	D. Well Volume (ft): 0.163	Depth/Height of Top of PVC: -0.25 ft
B. Depth to Water (ft): 18.10	E. Well Volume (gal) C*D: 11.80	Pump Type: PeriStaltic pump
C. Liquid Depth (ft) (A-B): 72.4	F. Three Well Volumes (gal) (E3): 35.40	Pump Intake Depth: Mid-Screen

Water Quality Parameters

Time (hrs)	Temperature (oC)	pH (pH units)	ORP (mV)	Conductivity (S/m)	Turbidity (ntu)	DO (mg/L)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)
1652	12.00	5.82	63	0.231	6.2	6.07	—	0.25	—
1655	14.57	5.70	118	0.219	7.4	4.38	—		0.75
1658	14.82	5.62	137	0.226	5.1	4.24	—		1.50
1701	14.93	5.55	149	0.250	3.5	4.21	—		2.25
1704	15.02	5.54	157	0.302	2.6	4.12	—		3.00
1707	15.11	5.53	165	0.366	0.2	4.05	—		3.75
1710	15.13	5.51	170	0.380	0.0	3.99	—		4.50
1713	15.14	5.48	175	0.404	0.0	3.85	—		5.25
1716	15.13	5.35	197	0.450	0.0	3.56	—		6.00
1719	15.12	5.30	198	0.450	0.0	3.76	—		6.75
1722	15.14	5.32	199	0.451	0.0	3.60	—		7.50

Total Quantity of Water Removed (gal):	1.98	Sampling Time:	1722
Samplers:	CB, PC	Split Sample With:	N/A
Sampling Date:	1/8/24	Sample Type:	Grab

COMMENTS AND OBSERVATIONS: well gauged after sampling

EA Engineering, P.C.
EA Science and Technology

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

GROUNDWATER SAMPLING PURGE FORM

Well I.D.: AS-MW-4	EA Personnel: C. Badman	Client: NYSDEC (130050)
Location: [redacted] Malloy Campus	Well Condition: OK	Weather: Sunny, 40°
Sounding Method: Heron WLM	Gauge Date: 1/8/24	Measurement Ref: TOIC
Stick Up/Down (ft): Flush	Gauge Time: 1330	Well Diameter (in): 2

Purge Date: 1/8/24	Purge Time: 1212
Purge Method: Low flow peri pump	Field Technician: P. Coles-Carruthers

Well Volume

A. Well Depth (ft): 106.8	D. Well Volume (ft): 0.163	Depth/Height of Top of PVC: -0.25 ft
B. Depth to Water (ft): 17.8	E. Well Volume (gal) C*D: 14.5	Pump Type: peristaltic pump
C. Liquid Depth (ft) (A-B): 89	F. Three Well Volumes (gal) (E3): 43.5	Pump Intake Depth: mid-screen

Water Quality Parameters

Time (hrs)	Temperature (oC)	pH (pH units)	ORP (mV)	Conductivity (S/m)	Turbidity (ntu)	DO (mg/L)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)
1212	14.39	5.26	~~4425~~	0.151	91.8	2.78	—	0.25	—
1215	15.30	5.72	188	0.256	135	2.01	—		0.75
1218	15.74	5.84	186	0.346	148	1.88	—		1.50
1221	16.06	5.84	176	0.389	155	1.90	—		2.25
1224	16.34	5.81	170	0.415	156	1.94	—		3.00
1227	16.37	5.81	170	0.416	156	1.96	—		3.75
1230	16.52	5.77	167	0.436	148	2.04	—		4.50
1233	16.49	5.76	167	0.438	143	2.05	—		5.25
1236	16.54	5.75	168	0.442	136	2.06	—		6.00
1239	16.59	5.74	169	0.445	125	2.07	—		6.75
1242	16.63	5.71	171	0.450	109	2.56	—		7.50
1245	16.69	5.72	173	0.455	105	2.19	—		8.25
1248	16.79	5.71	176	0.451	107	2.09	—		9.00
1251	16.79	5.70	177	0.457	95.1	2.09	—		9.75
1254	16.79	5.69	179	0.461	88.3	2.11	—		10.50
1257	16.79	5.68	181	0.459	81.6	2.07	—		11.25
1300	16.82	5.66	183	0.470	62.6	2.10	—		12.00

Total Quantity of Water Removed (gal): 4.752
Samplers: CB & PC
Sampling Date: 1/8/24
Sampling Time: 1324
Split Sample With: (CB) ~~[redacted]~~ DUP
Sample Type: Grab

COMMENTS AND OBSERVATIONS: Well gauged after sampling

EA Engineering, P.C.
EA Science and Technology

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

GROUNDWATER SAMPLING PURGE FORM

Well I.D.: AS MW-4	EA Personnel:	Client:
Location:	Well Condition:	Weather:
Sounding Method:	Gauge Date:	Measurement Ref:
Stick Up/Down (ft):	Gauge Time:	Well Diameter (in):

Purge Date:	Purge Time:
Purge Method:	Field Technician:

Well Volume

A. Well Depth (ft):	D. Well Volume (ft):	Depth/Height of Top of PVC:
B. Depth to Water (ft):	E. Well Volume (gal) C*D):	Pump Type:
C. Liquid Depth (ft) (A-B):	F. Three Well Volumes (gal) (E3):	Pump Intake Depth:

Water Quality Parameters

Time (hrs)	Temperature (oC)	pH (pH units)	ORP (mV)	Conductivity (S/m)	Turbidity (ntu)	DO (mg/L)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)
1303	16.84	5.65	186	0.476	61.7	2.14	—	0.25	12.75
1306	16.84	5.64	189	0.480	47.6	2.14	—		13.50
1309	16.82	5.62	191	0.488	37.6	2.19	—		14.25
1312	16.88	5.61	194	0.494	26.5	2.20	—		15.00
1315	16.91	5.59	197	0.503	25.7	2.23	—		15.75
1318	16.92	5.57	201	0.517	21.4	2.34	—		16.50
1321	16.90	5.56	203	0.516	22.3	2.30	—		17.25
1324	16.92	5.56	205	0.521	20.4	2.33	—		18.00

Total Quantity of Water Removed (gal): _____
Samplers: _____
Sampling Date: _____

Sampling Time: 1324
Split Sample With: _____
Sample Type: _____

COMMENTS AND OBSERVATIONS: _____

Same as page 1

See page 1

EA Engineering, P.C.
EA Science and Technology

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

GROUNDWATER SAMPLING PURGE FORM

Well I.D.: MSMW-5	EA Personnel: CB	Client: NYSDEC (130050)
Location: Oakdale Mallory Campus	Well Condition: OK	Weather: Sunny 40°F
Sounding Method: Heron WLM	Gauge Date: 1/8/24	Measurement Ref: TOIC
Stick Up/Down (ft): Flush	Gauge Time: 1400	Well Diameter (in): 2

Purge Date: 1/8/24	Purge Time: 1227
Purge Method: Low flow peri pump	Field Technician: CB

Well Volume

A. Well Depth (ft): 132.05	D. Well Volume (ft): 0.163	Depth/Height of Top of PVC: -0.5 ft.
B. Depth to Water (ft): 18.48	E. Well Volume (gal) C*D: 18.51	Pump Type: Peristaltic pump
C. Liquid Depth (ft) (A-B): 113.57	F. Three Well Volumes (gal) (E3): 55.53	Pump Intake Depth: Mid-Screen

Water Quality Parameters

Time (hrs)	Temperature (oC)	pH (pH units)	ORP (mV)	Conductivity (S/m)	Turbidity (ntu)	DO (mg/L)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)
1227	13.96	4.12	223	0.522	61.2	0.87	—	0.25	—
1230	14.01	4.27	202	0.522	38.5	0.61	—	0.25	0.75
1233	14.11	4.43	174	0.521	26.8	0.58	—	0.25	1.50
1236	14.52	4.57	141	0.512	20.5	0.49	—	0.25	2.25
1239	14.87	4.61	141	0.510	12.1	0.49	—	0.25	3.00
1242	14.93	4.64	144	0.511	10.9	0.55	—	0.25	3.75
1245	14.96	4.64	143	0.512	9.4	0.57	—	0.25	4.50
1248	13.97	4.59	145	0.519	4.1	0.58	—	0.25	5.25
1251	14.00	4.62	144	0.519	4.10	0.56	—	0.25	6.00
1254	14.01	4.67	143	0.518	3.0	0.57	—	0.25	6.75

Total Quantity of Water Removed (gal):	1.782	Sampling Time:	1254
Samplers:	CB	Split Sample With:	MS/MSD
Sampling Date:	1/8/24	Sample Type:	Grab

COMMENTS AND OBSERVATIONS: well gauged after sampling due to PFAS

EA Engineering, P.C.
EA Science and Technology

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

GROUNDWATER SAMPLING PURGE FORM

Well I.D.: ASMW-6	EA Personnel: P. Coles-Carruthers / C. Badman	Client: NYSDEC (130050)
Location: ~~Old~~ Malloy Campus	Well Condition: OK	Weather: Overcast, 40°
Sounding Method: Heron WLM	Gauge Date: 1/9/24	Measurement Ref: TOIC
Stick Up/Down (ft): flush	Gauge Time: 0845	Well Diameter (in): 2

Purge Date: 1/9/24	Purge Time: 0750
Purge Method: Low flow Peri Pump	Field Technician: C. Badman

Well Volume

A. Well Depth (ft): 133.2	D. Well Volume (ft): 0.163	Depth/Height of Top of PVC: -0.25ft.
B. Depth to Water (ft): 18.0	E. Well Volume (gal) C*D: 18.78	Pump Type: Peristaltic Pump
C. Liquid Depth (ft) (A-B): 115.2	F. Three Well Volumes (gal) (E3): 56.34	Pump Intake Depth: Mid-Screen

Water Quality Parameters

Time (hrs)	Temperature (oC)	pH (pH units)	ORP (mV)	Conductivity (S/m)	Turbidity (ntu)	DO (mg/L)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)
0750	7.71	4.37	208	0.425	96.8	3.06	—	0.25	—
0753	10.42	4.90	114	0.545	53.6	1.43	—		0.75
0756	11.53	5.14	78	0.568	22.2	1.18	—		1.50
0759	12.24	5.24	72	0.572	13.6	0.80	—		2.25
0802	12.64	5.29	68	0.572	7.2	0.93	—		3.00
0805	13.19	5.32	65	0.567	4.2	0.80	—		3.75
0808	13.09	5.34	63	0.566	2.4	0.66	—		4.50
0811	13.41	5.35	61	0.565	0.1	0.77	—		5.25
0814	13.15	5.35	59	0.565	0.0	0.83	—		6.00
0817	13.42	5.35	57	0.564	0.0	0.63	—		6.75
0820	13.24	5.35	55	0.565	0.0	0.72	—		7.50
0823	13.57	5.34	54	0.561	0.0	0.60	—		8.25
0826	13.60	5.34	55	0.562	0.0	0.67	—		9.00
0829	13.63	5.33	54	0.561	0.0	0.54	—		9.75
0832	13.69	5.33	54	0.560	0.0	0.51	—		10.50
0835	13.73	5.33	54	0.559	0.0	0.50	—		11.25

Total Quantity of Water Removed (gal):	2.97	Sampling Time:	0835
Samplers:	CB, PC	Split Sample With:	N/A
Sampling Date:	1/9/24	Sample Type:	Grab

COMMENTS AND OBSERVATIONS: well gauged after sampling

EA Engineering, P.C.
EA Science and Technology

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

GROUNDWATER SAMPLING PURGE FORM

Well I.D.: ASMW-7	EA Personnel: P. Coles-Carruthers / C. Badman	Client: NYSDEC (130050)
Location: Malloy Campus	Well Condition: OK	Weather: sunny, windy, 40°
Sounding Method: Heron WLM	Gauge Date: (CB) [illegible]	Measurement Ref: TOIC
Stick Up/Down (ft): Flush	Gauge Time: —	Well Diameter (in): ~1

Purge Date: 1/10/2024	Purge Time: 1006
Purge Method: low flow peri pump	Field Technician: C. Badman

Well Volume

A. Well Depth (ft): —	D. Well Volume (ft): 0.041	Depth/Height of Top of PVC: ~3 ft.
B. Depth to Water (ft): —	E. Well Volume (gal) C*D): —	Pump Type: peristaltic
C. Liquid Depth (ft) (A-B): —	F. Three Well Volumes (gal) (E3): —	Pump Intake Depth: ~75 feet

Water Quality Parameters

Time (hrs)	Temperature (oC)	pH (pH units)	ORP (mV)	Conductivity (S/m)	Turbidity (ntu)	DO (mg/L)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)
1006	13.56	5.30	36	0.251	6.7	2.22	—	0.25	—
1009	14.74	6.00	-200	0.190	11.3	0.84	—		0.75
1012	14.95	6.52	-274	0.182	10.4	0.61	—		1.50
1015	15.10	7.35	-269	0.177	11.3	0.607	—		2.25
1018	15.19	7.77	-261	0.176	10.1	0.608	—		3.00
1021	15.26	8.09	-258	0.176	7.5	0.60	—		3.75
1024	15.28	8.34	-256	0.175	6.0	0.52	—		4.50
1027	15.41	8.48	-255	0.175	4.5	0.54	—		5.25
1030	15.46	8.61	-257	0.175	3.9	0.49	—		6.00
1033	15.48	8.70	-253	0.175	4.5	0.49	—		6.75
1036	15.50	8.74	-245	0.175	5.6	0.42	—		7.50
1039	15.57	8.79	-242	0.175	5.7	0.42	—		8.25
1042	15.63	8.83	-241	0.175	5.3	0.43	—		9.00

Total Quantity of Water Removed (gal): 2.376
Samplers: CB, PC
Sampling Date: 1/10/24
Sampling Time: 1042
Split Sample With: N/A
Sample Type: Grab

COMMENTS AND OBSERVATIONS:
Sampling unable to occur - Tubing stuck ~75 feet, therefore Gauging not performed due to narrowness of sample port

Appendix E

Chain-of-Custody

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SGS

CHAIN OF CUSTODY

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

Page 1 of 1

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

Client / Reporting Information

Company Name: EA Engineering
Street Address: 269 West Jefferson St.
City: Syracuse State: NY Zip: 13202
Project Contact: Grant Reeder E-mail: greeder@eaest.com
Phone #: (603) 856-6124
Sampler(s) Name(s): Cody Badman Phone #:

Project Information

Project Name: Franklin Cleaners
Street: 1000 Hempstead Ave
City: Rockville Centre State: NY
Project #: 1602534/0003/B
Client Purchase Order #:
Project Manager:

Billing Information (if different from Report to)
Company Name:
Street Address:
City: State: Zip:
Attention:

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

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Date	Time	Sampled by	Grab (G) Comp (C)	Source Chlorinated (Y/N)	Matrix	# of bottles	HCl	NaOH	HNO_3	H_2SO_4	NONE	DI Water	MEOH	ENCORE	V8260TCL20+	LCID1633LIST40	8270SIM14DIOX
	130050-ASMW-5-01082024		01/08/24	1254	CB	G		GW	24	X				X				X	X	X
	130050-ASMW-4-01082024		01/08/24	1324	CB	G		GW	8	X				X				X	X	X
	130050-DUP-01-01082024		01/08/24	—	CB	G		GW	8	X				X				X	X	X
	130050-ASMW-1-01082024		01/08/24	1552	CB	G		GW	8	X				X				X	X	X
	130050-ASMW-2-01082024		01/08/24	1554	CB	G		GW	8	X				X				X	X	X
	130050-ASMW-3-01082024		01/08/24	1722	CB	G		GW	8	X				X				X	X	X
	130050-RB-01-01082024		01/08/24	1730	CB	G		RB	8	X				X				X	X	X
	130050-ASMW-6-01092024		01/09/24	0835	CB	G		GW	8	X				X				X	X	X
	130050-RB-02-01092024		01/09/24	1600	CB	G		RB	8	X				X				X	X	X
	130050-ASMW-7-01102024		01/10/24	1042	CB	G		GW	8	X				X				X	X	X
	130050-TB-01-01102024		01/10/24	0800	CB	G		TB	2	X								X		

pH Check (Lab Use Only) — LAB USE ONLY

Turn Around Time (Business Days)

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

All data available via SGS Engage

Approved By (SGS PM) / Date:

* Approval needed for 1-3 BD TAT

Deliverable

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

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

Comments / Special Instructions

* Extra volume included for MS/MSD for Sample ID: 130050-ASMW-5-01082024
Cat B deliverable requested

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

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

Relinquished by:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
1 Cody Badman	1/11/24 1155	1	2		2
3		3	4		4
5		5	Custody Seal #		

- [ ] Intact
- [ ] Not intact
- [ ] Absent

Therm ID:
On Ice [ ]
Cooler Temp. °C
See Sample Receipt Summary

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