Annual Groundwater, Surface Water, and Sediment Sampling Report
May 2025
Saranac Lake Gas Co. (516008)
Saranac Lake, 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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December 2025
Version: FINAL
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LIST OF ACRONYMS AND ABBREVIATIONS

µg/L	microgram(s) per liter
%	percent
COC	contaminant of concern
DO	dissolved oxygen
EA	EA Engineering and Geology, P.C.
EPA	U.S. Environmental Protection Agency
FD	field duplicate
ID	identification
MACTEC	MACTEC Engineering and Consulting, P.C.
mg/L	milligram(s) per liter
MGP	manufactured gas plant
MS	matrix spike
MSD	matrix spike duplicate
NTU	nephelometric turbidity unit
NYCRR	New York Code of Rules and Regulations
NYSDEC	New York State Department of Environmental Conservation
ORP	oxidation-reduction potential
OU	operable unit
PAH	polycyclic aromatic hydrocarbon
PE	Professional Engineer
PG	Professional Geologist
Q2	second quarter
QA	quality assurance
QC	quality control
RI	remedial investigation
ROD	Record of Decision
SMP	Site Management Plan
VOC	volatile organic compound

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INTRODUCTION

The New York State Department of Environmental Conservation (NYSDEC) tasked EA Engineering and Geology, P.C. (EA) to perform site management activities at the Saranac Lake Gas Co. Site (NYSDEC Site Number 516008), which includes evaluation and performance of long-term monitoring of groundwater, surface water, and sediment. The site is in a suburban area of Essex County in Saranac Lake, New York (**Figure 1**).

From the late 1800s to approximately the 1940s, former manufactured gas plant (MGP) Saranac Lake Gas Co. manufactured lighting gas (coal gasification) for the village of Saranac Lake. During this time, MGP waste was released into the environment at the former MGP property (operable unit [OU] 01), with direct surface discharge of waste to Brandy Brook (OU02) and downstream migration to Pontiac Bay of Lake Flower (OU03). Non-aqueous phase liquids and residual products are present within OU01 and are impacting groundwater migrating from the site. NYSDEC initiated a remedial investigation (RI)/feasibility study to determine the extent of the contamination present in the environment related to the historical activities at the former MGP. RI field investigations were completed at the site between August 2013 and October 2014. The RI included an evaluation of visual impacts to groundwater, sediment, soil, and surface water; and concluded that groundwater, sediment, surface water, and soil onsite were impacted with MGP waste (MACTEC Engineering and Consulting, P.C. [MACTEC] 2015a). Following the issuance of the RI report, feasibility studies were developed in 2016 for OU01 (MACTEC 2016), 2015 for OU02 (MACTEC 2015b), and 2015 for OU03 (MACTEC 2015c). Selected remedies are presented in the 2017 Record of Decision (ROD) for OU01 (NYSDEC 2017), the 2016 ROD for OU02 (NYSDEC 2016), and the 2015 ROD and 2018 Explanation of Significant Difference for OU03 (NYSDEC 2015 and NYSDEC 2018, respectively). Remedial activities were conducted between April and December 2018 at OUs 02 and 03 followed by site restoration activities between May and June 2019 (MACTEC 2020), and between April 2021 and June 2022 at OU01 (MACTEC 2023a). Media monitoring and sampling has been conducted at the site as required by NYSDEC in accordance with the Site Management Plan (SMP) (MACTEC 2023b).

The 2023 SMP required quarterly monitoring and sampling of groundwater, surface water, and sediment for polycyclic aromatic hydrocarbons (PAHs) during the first 2 years following completion of remediation of OU01 (2022-2023), biannually during the third year (2024), and annually in all subsequent years. Recent discussions between EA and NYSDEC have resulted in a change in the sampling frequency from annual to once every five quarters. Analysis of volatile organic compounds (VOCs) will be added for groundwater, surface water, and sediment during all future sampling events. A draft SMP is under development by EA to incorporate these updates.

1.1 OBJECTIVES

The objective of the monitoring and sampling program is to evaluate the overall performance and effectiveness of the remedy. This report presents the results of the sampling event conducted in May 2025.

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2. MONITORING ACTIVITIES

The Q2 2025 media monitoring and sampling event was conducted from 5 to 6 May 2025. Sampling locations are presented on **Figure 2a** (OU01) and **Figure 2b** (OU02 and OU03). A summary of samples collected during the Q2 2025 event is provided in **Table 1**. Daily field reports are included in **Appendix A**.

2.1 GROUNDWATER GAUGING

Groundwater levels and well depths were recorded at 11 wells and piezometers on 5 May 2025 (MW-104, MW-106R, MW-108R, MW-110R, MW-204S, MW-204D, MW-205S, MW-205D, PZ-301, PZ-PV1, PZ-PV2) prior to the initiation of groundwater sampling to determine groundwater flow patterns in the overburden. Piezometers PZ-PV1 and PZ-PV2 are not included in the sampling program but are gauged in accordance with the SMP. Groundwater levels and well depths were measured with an electronic water level meter and recorded to the nearest hundredth of a foot from a designated measuring point on top of the inner polyvinyl chloride well casing (top of riser). Groundwater elevations and well depths are provided in **Table 2** and monitoring well gauging logs are provided in **Appendix B**. Groundwater generally flows south-southwest at the site and groundwater elevation contours are provided on **Figure 3**.

2.2 GROUNDWATER SAMPLING

Groundwater samples were collected from nine monitoring wells and piezometers (MW-104, MW-106R, MW-108R, MW-110R, MW-204S, MW-204D, MW-205S, MW-205D, and PZ-301) using low-flow sampling techniques. Wells were purged using a peristaltic pump, with a flow rate of approximately 0.20 to 0.25 liters per minute. Dedicated high density polyethylene tubing was used at each monitoring well location. Drawdown was monitored at all wells during purging.

Water quality parameters 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 B**. Water levels and water quality parameters were recorded on groundwater sampling purge forms provided in **Appendix B**. The specific water quality parameters measured are listed below:

- Purge rate (milliliters per minute)
- Depth to water (0.01 feet)
- Temperature (degrees Celsius)
- pH
- Specific conductivity (Siemens per centimeter)
- Dissolved oxygen (DO) (milligrams per liter [mg/L])
- Oxidation-reduction potential (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:

- Drawdown: less than 0.3 feet drawdown during purging
- 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 for laboratory analysis of PAHs by U.S. Environmental Protection Agency (EPA) Method 8270E, and VOCs by EPA Method 8260D. Quality assurance (QA)/quality control (QC) samples collected for groundwater samples included one matrix spike (MS)/matrix spike duplicate (MSD) and one field duplicate (FD). Sample identifications, sample dates/times, and QA/QC sample locations are presented in **Table 1**. Sample handling is presented in Section 2.5.

2.3 SURFACE WATER SAMPLING

Surface water samples were collected from three locations in Brandy Brook (OU02) (SW-400, SW-401, SW-402) and one location in Pontiac Bay (OU03) (SW-403). Surface water sampling was conducted in order from downstream to upstream to avoid the incidental inclusion of disturbed sediment in the samples. Water quality parameters including temperature, pH, ORP, conductivity, DO, and turbidity were measured at each location using a calibrated Horiba U-52 water quality meter. A log of the field equipment calibration records is provided in **Appendix B**. Water quality parameters were recorded on surface water sampling logs provided in **Appendix B**.

Surface water at each location was collected using dedicated 6-inch-long by 1.6-inch-diameter bailers without disturbing bottom sediment and transferred into laboratory-provided sample containers for analysis of PAHs via EPA Method 8270E, and VOCs by EPA Method 8260D. QA/QC samples collected for surface water included one MS/MSD and one FD. Sample identifications (IDs), sample dates/times, and QA/QC sample locations are presented in **Table 1**. Sample handling is presented in Section 2.5.

2.4 SEDIMENT SAMPLING

Sediment samples were collected from three locations in Brandy Brook (OU02) (SD-400, SD-401, and SD-402). Sediment samples were collected after the collection of surface water samples to avoid the incidental inclusion of disturbed sediment in the surface water samples. The location of SW-402/SD-402 was adjusted to approximately 40 feet upstream due to a lack of sediment at the original location. Sediment at each location was collected from 0.0 to 0.5 feet below the sediment surface using clean metal scoops and composited in dedicated pans. Standing

water that had accumulated in sediment samples was decanted prior to filling laboratory-provided sample containers. Sediment sample logs are provided in **Appendix B**.

Each sediment sample was collected for laboratory analysis of PAHs via EPA Method 8270E, and VOCs by EPA Method 8260D. QA/QC samples collected for sediment included one MS/MSD and one FD. Sample IDs, sample dates/times, and QA/QC sample locations are presented in **Table 1**. Sample handling is presented in Section 2.5.

2.5 SAMPLE HANDLING

Samples were placed on ice in sample coolers immediately after collection to ensure proper preservation. Pertinent sample information was recorded on the associated chain-of-custody, and samples were shipped overnight via Federal Express shipping to SGS North America Inc. laboratory in Dayton, New Jersey under secure chain-of-custody protocol.

2.6 INVESTIGATION-DERIVED WASTE

Purge water and decontamination fluids generated during groundwater sampling activities was pumped through a 5-gallon bucket containing granulated activated carbon and discharged to the ground surface. 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) were double-bagged and properly disposed of as general trash.

2.7 LABORATORY ANALYSIS AND DATA QUALITY

Laboratory analytical services were provided by SGS North America Inc. laboratory in Dayton, New Jersey. QA/QC samples were provided to the laboratory; FDs were collected to assess the precision of sample collection and analysis, and MS/MSDs were collected to evaluate the accuracy and precision of the analytical method for each of the sample matrices. All samples were considered acceptable according to the laboratory analytical report, provided in **Appendix C**.

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POLYCYCLIC AROMATIC HYDROCARBON ANALYTICAL RESULTS

Contaminants of concern (COCs) in aqueous and sediment media for the site are PAHs. Concentrations of the COCs for the site serve as a metric to evaluate contaminant plume migration following remedial action.

3.1 GROUNDWATER RESULTS

Groundwater analytical results were compared to the NYSDEC Class GA groundwater standards and guidance values (6 New York Code of Rules and Regulations [NYCRR] Part 703.5 Water Quality Regulations, as presented in the Division of Water Technical and Operational Guidance Series 1.1.1, 1998, as amended).

PAH and volatile organic compound (VOC) concentrations for wells sampled in the Q2 of 2025 are summarized in **Table 3** and presented on **Figures 4 and 5**. PAHs (acenaphthene, benzo[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, chrysene, indeno[1,2,3-c,d]pyrene, and naphthalene) were detected at concentrations in exceedance of their respective NYSDEC Class GA guidance values at the following wells:

- Acenaphthene: MW-104, MW-110R, and MW-205D
- Benzo(a)anthracene: MW-110R
- Benzo(a)pyrene: MW-110R
- Benzo(b)fluoranthene: MW-110R
- Chrysene: MW-110R
- Indeno(1,2,3-c,d)pyrene: MW-110R
- Naphthalene: MW-110R, and MW-205D

Maximum concentrations for each analyte were as follows:

- Acenaphthene: 57.4 micrograms per liter (µg/L), detected at MW-104
- Benzo(a)anthracene: 2 µg/L, detected at MW-110R
- Benzo(a)pyrene:1.7 µg/L, detected at MW-110R
- Benzo(b)fluoranthene: 1.1 µg/L, detected at MW-110R
- Chrysene: 1.7 µg/L, detected at MW-110R
- Indeno(1,2,3-c,d)pyrene: Estimated 0.75 µg/L, detected at MW-110R
- Naphthalene: 2,370 µg/L, detected at MW-205D

VOCs (acetone, benzene, ethylbenzene, isopropylbenzene [cumene], m,p-xylene, methyl acetate, methyl ethyl ketone [2-butanone], o-xylene [1,2-dimethylbenzene], styrene, toluene and xylenes) were detected at concentrations in exceedance of their respective NYSDEC Class GA guidance values at the following wells:

- Acetone: MW-110R
- Benzene: MW-110R, MW-204D, MW-205D
- Ethylbenzene: MW-110R, MW-204D, MW-205D

- Isopropylbenzene (cumene): MW-110R, MW-205D
- m,p-Xylene: MW-110R, MW-204D, MW-205D
- Methyl ethyl ketone (2-butanone): MW-110R
- O-xylene (1,2-dimethylbenzene): MW-110R, MW-204D, MW-205D
- Styrene: MW-110R, MW-205D
- Toluene: MW-110R, MW-204D, MW-205D
- Xylenes: MW-110R, MW-204D, MW-205D

Maximum concentrations for each analyte were as follows:

- Acetone: 915 µg/L, detected at MW-110R
- Benzene: 978 µg/L, detected at MW-205D
- Ethylbenzene: 479 µg/L, detected at MW-205D
- Isopropylbenzene (cumene): 23.2 µg/L, detected at MW-205D
- m,p-xylene: 212 µg/L, detected at MW-205D
- Methyl ethyl ketone (2-butanone): 72.8 µg/L, detected at MW-110R
- o-xylene (1,2-dimethylbenzene): 226 µg/L, detected at MW-205D
- Styrene: 87.8 µg/L, detected at MW-110R
- Toluene: 257 µg/L, detected at MW-110R
- Xylenes: 438 µg/L, detected at MW-205D

Mann-Kendall trend analyses were conducted for seven of the nine monitoring wells sampled, and are included in **Appendix D**. The analysis excluded PZ-301, which has only been sampled during October 2023, February 2024, and July-August 2024 due to access restrictions; and MW-108R, where no PAHs have been detected from samples collected during the past six sampling events. These analyses were completed for all analytes that were detected in exceedance of NYSDEC Class GA groundwater standards during one or more sampling events. Overall concentrations of all analytes show no trend, are stable, or are likely declining over the last six sampling events. Additional Mann-Kendall trend analyses will be conducted following future sampling events to continue to monitor trends.

3.2 SURFACE WATER RESULTS

Surface water analytical results were compared to the NYSDEC Class A surface water standards and guidance values (6 NYCRR Part 703.5 Water Quality Regulations, as presented in the Division of Water Technical and Operational Guidance Series 1.1.1, 1998, as amended). Neither PAHs nor VOCs were detected in surface water samples collected during the May 2025 sampling event. These results are generally consistent with past events, although there were some limited exceedances observed in 2021. Analytical results are summarized in **Table 4** and laboratory reports are presented in **Appendix C**.

3.3 SEDIMENT RESULTS

Sediment samples were screened against NYSDEC Freshwater Sediment Guidance Values for PAHs and VOCs. There were no exceedances of Class A Sediment Guidance Values detected among the sediment analytical results during the May 2025 sampling event. Analytical results are summarized in **Table 5** and laboratory reports are presented in **Appendix C**.

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CONCLUSIONS AND FUTURE INVESTIGATION

The results from the May 2025 sampling event indicate that surface water and sediment COC concentrations onsite remain comparable to those of previous investigations in 2023 and 2024, and groundwater COC concentrations declined relative to previous results. In accordance with the SMP, post-OU01 remediation media sampling will continue so that COC concentration trends can be monitored and evaluated over time. Mann-Kendall trend analysis will be performed following the future sampling events to continue monitoring if statistical trends exist between results from the respective sampling events.

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Tables

Table 1. Summary of Samples Collected (May 2025)

Location ID	Sample ID	Sample Date	Sample Time	MS/MSD
Groundwater Samples				
MW-104	516008-MW-104	5/5/2025	1515	N
MW-106R	516008-MW-106R	5/5/2025	1543	N
MW-108R	516008-MW-108R	5/5/2025	1451	N
MW-110R	516008-MW-110R	5/5/2025	1705	N
MW-204S	516008-MW-204S	5/5/2025	1303	N
MW-204D	516008-MW-204D	5/5/2025	1410	N
MW-205S	516008-MW-205S	5/5/2025	1236	N
MW-205D	516008-MW-205D	5/5/2025	1328	Y
PZ-301	516008-PZ-301	5/5/2025	1634	N
Surface Water Samples				
SW-400	516008-SW-400	5/6/2025	0845	Y
SW-401	516008-SW-401	5/6/2025	0940	N
SW-402	516008-SW-402	5/6/2025	1045	N
SW-403	516008-SW-403	5/6/2025	1110	N
Sediment Samples				
SD-400	516008-SD-400	5/6/2025	0900	Y
SD-401	516008-SD-401	5/6/2025	1015	N
SD-402	516008-SD-402	5/6/2025	1100	N
QC Samples				
Associated Parent Sample	**Sample ID**	**Sample Date**	**Sample Time**	**QC Type**
516008-SW-401	516008-FD-SW	5/6/2025	---	FD
516008-SD-401	516008-FD-SD	5/6/2025	---	FD
516008-MW-204S	516008-FD-MW	5/6/2025		FD

Notes:
Groundwater, surface water, and sediment samples analyzed with EPA Method 8270.
EPA = U.S. Environmental Protection Agency
FD = Field duplicate
ID = Identification
MS = Matrix spike
MSD = Matrix spike duplicate
MW = Monitoring well
QC = Quality control
SD = Sediment
SW = Surface water

Table 2. Monitoring Well Construction Details and Groundwater Elevations (May 2025)

Location ID	Northing	Easting	Top of Casing Elevation (ft amsl)	Riser Elevation (ft amsl)	Ground Surface Elevation (ft amsl)	TOC (ft bgs)	TOC – TOR (ft)	Bottom of Well (ft BTOR)	Screening Interval (ft bgs)	DTW (ft bgs) (May 2025)	GW Elevation (ft) (May 2025)
MW-104	1999833.87	592054.19	1545.27	1544.85	1542.3	3.0	0.42	19.4	6.4 - 16.4	6.27	1538.58
MW-106R	1999720.17	592160.58	1544.09	1541.39	1543.9	2.7	2.7	14.5	4.3 - 14.3	5.06	1536.33
MW-108R	1999558.44	592455.82	1547.42	1544.52	1547.2	2.9	2.9	19.2	9.0 - 19.0	13.41	1531.11
MW-110R	1999536.11	592196.40	1547.33	1543.73	1546.1	3.6	3.6	20.1	9.9 - 19.9	11.95	1531.78
MW-204S	1999285.76	592255.49	1546.53	1546.29	1543.5	3.0	0.24	28.3	10.3 - 25.3	12.69	1533.6
MW-204D	1999286.15	592260.28	1546.95	1546.95	1547	3.0	0	29.7	19.5 - 29.5	13.08	1533.87
MW-205S	1999119.02	592297.69	1545.44	1545.24	1542.5	2.9	0.2	19.6	9.6 - 19.6	11.65	1533.59
MW-205D	1999124.3	592295.88	1545.52	1545.37	1542.4	3.1	0.15	33.5	20.4 - 30.4	11.64	1533.73
PZ-301	1999930.6	591913.4	1544.3	1544.3	1540	4.3	0	12.0	2.0 - 12.0	5.51	1538.79
PZ-PV1	1999452.523	592713.030	1546.9	1546.6	1547	3.1	0.3	15.1	4.8 - 14.8	9.93	1536.67
PZ-PV2	1999775.970	592560.119	1548.1	1547.8	1545	0	0.3	15.1	4.9 - 14.9	5.44	1542.36

Notes:
amsl = Above mean sea level
bgs = Below ground surface
BTOR = Below top of riser
DTW = Depth to water
ft = Foot (feet)
GW = Groundwater
ID = Identification
MW = Monitoring Well
PZ = Piezometer
TOC = Top of casing
TOR = Top of riser

Table 3. Summary of Groundwater COC Concentrations and Exceedances (May 2025 and Historical)

			Location	MW-104	MW-104	MW-104	MW-104	MW-104	MW-104	MW-104	MW-104	MW-104	MW-104	MW-104	MW-104	MW-104	MW-106R	MW-106R
			Sample Name	MW-104	MW-104	MW-104	MW-104	MW-104	MW-104	516008-MW-104	516008-MW-104	516008-MW-104	516008-MW-104	516008-MW-104	516008-MW-104	516008-MW-104-2025050	MW-106R	MW-106RD
			Parent Sample Name															MW-106R
			Sample Date	7/21/2020	11/19/2020	2/24/2021	6/8/2021	10/20/2021	7/26/2022	5/30/2023	8/9/2023	10/31/2023	2/12/2024	7/31/2024	5/5/2025	7/26/2022	7/26/2022
Analyte	NYSDEC AWQS[1]	Unit		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
SVOCs (SW8270)																		
1,4-Dioxane (P-Dioxane)	0.35	µg/L		NA	NA	NA	NA	NA	< 0.032 U	NA	NA	NA	NA	NA	NA	< 0.031 U	< 0.034 U	
Acenaphthene	20	µg/L		**96**	**130**	**64**	**73**	**85**	**76 J**	**94**	**71.4**	**84.6**	**85.6**	**45.2**	**57.4**	NA	NA	
Anthracene	50	µg/L		12	12	11 J	7.8 J	5.1 J	8.1 J	8.6	9.7	13.1	10	5.2	< 0.56 U	NA	NA	
Benzo(A)Anthracene	0.002	µg/L		**3.1 J+**	< 0.36 U	< 3.9 U	**0.846 J**	< 0.078 U	**0.066 J**	< 0.45 U	< 0.20 U	< 0.20 U	**0.27 J**	< 0.51 U	< 0.51 U	NA	NA	
Benzo(A)Pyrene	0.0001	µg/L		< 2.2 U	< 0.47 U	< 5.4 U	< 0.022 U	< 0.11 U	< 0.015 UJ	< 0.68 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.63 U	< 0.63 U	NA	NA	
Benzo(B)Fluoranthene	0.002	µg/L		< 2.4 U	< 0.34 U	< 6.0 U	< 0.024 U	< 0.12 U	< 0.016 UJ	< 0.53 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.57 U	< 0.57 U	NA	NA	
Benzo(K)Fluoranthene	0.002	µg/L		< 2.8 U	< 0.73 U	< 7.0 U	< 0.028 U	< 0.14 U	< 0.012 UJ	< 0.61 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.48 U	< 0.48 U	NA	NA	
Chrysene	0.002	µg/L		**3.5 J+**	< 0.33 U	< 7.5 U	**0.037 J**	< 0.15 U	**0.061 J**	< 0.43 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.52 U	< 0.52 U	NA	NA	
Fluoranthene	50	µg/L		6.2 J+	4 J	< 9.8 U	2.6	2.3	3.3 J	3.3 J	3.7	5	3.6	2.5	2.5	NA	NA	
Fluorene	50	µg/L		**58**	**58**	38 J	40	**52 J**	36 J	39	37.3	44.8	39.1	21.6	11.5	NA	NA	
Indeno(1,2,3-C,D)Pyrene	0.002	µg/L		< 3.6 U	< 0.47 U	< 9.1 U	< 0.036 U	< 0.18 U	< 0.018 UJ	< 0.76 U	< 0.33 U	< 0.33 U	< 0.33 U	< 0.64 U	< 0.64 U	NA	NA	
Naphthalene	10	µg/L		**250**	**1100**	**760**	**700**	**820**	**320 J**	**500**	**446**	**385**	**573**	**232**	< 0.44 U	NA	NA	
Phenanthrene	50	µg/L		**53**	**78 J**	33 J	22 J	**52 J**	49 J	**52**	48.6	**62.9**	**55.5**	31.3	3.6	NA	NA	
Pyrene	50	µg/L		7.8 J+	7	< 7.9 U	3.4	3.9	4.5 J	4.1 J	4.1	6.2	5.1	2.8	3.5	NA	NA	

Notes:

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

µg/L = Microgram(s) per liter
J = Concentration is estimated
J+ = Concentration is estimated; biased high
NA = Not analyzed
NSL = No screening level
SVOCs = Semivolatile organic compounds
U = Analyte not detected

Concentrations exceeding the screening level are bolded and shaded gray.

Table 3. Summary of Groundwater COC Concentrations and Exceedances (May 2025 and Historical)

Location			MW-106R	MW-106R	MW-106R	MW-106R	MW-106R	MW-106R	MW-106R	MW-108R	MW-108R	MW-108R	MW-108R	MW-108R	MW-108R	MW-108R
Sample Name			MW-106R	516008-MW-106R	516008-MW-106R	516008-MW-106R	516008-MW-106R	516008-MW-106R	16008-MW-106R-202505	MW-108R	MW-108R	516008-MW-108R	516008-FD-GW 516008-MW-108R	516008-MW-108R	516008-MW-108R	516008-MW-108R
Parent Sample Name																
Sample Date			10/12/2022	5/30/2023	8/9/2023	10/31/2023	2/12/2024	7/31/2024	5/5/2025	7/26/2022	10/12/2022	5/31/2023	5/31/2023	8/9/2023	10/30/2023	2/12/2024
Analyte	NYSDEC AWQS[1]	Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
SVOCs (SW8270)																
1,4-Dioxane (P-Dioxane)	0.35	µg/L	NA	NA	NA	NA	NA	NA	NA	< 0.032 U	NA	NA	NA	NA	NA	NA
Acenaphthene	20	µg/L	**26**	**39**	**26.1**	**41.6**	**25.8**	16.5	< 0.61 U	NA	**23**	< 0.52 U	< 0.52 U	< 0.19 U	< 0.19 U	< 0.19 U
Anthracene	50	µg/L	3.1	3.3 J	3.7	6.1	3.1	3.1	< 0.56 U	NA	8.7	< 0.48 U	< 0.48 U	< 0.21 U	< 0.21 U	< 0.21 U
Benzo(A)Anthracene	0.002	µg/L	**0.34**	< 0.46 U	**0.29 J**	**0.31 J**	**0.25 J**	< 0.51 U	< 0.51 U	NA	**2.9**	< 0.45 U	< 0.45 U	< 0.20 U	< 0.20 U	< 0.2 U
Benzo(A)Pyrene	0.0001	µg/L	0.27	< 0.7 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.63 U	< 0.63 U	NA	**2.3**	< 0.68 U	< 0.68 U	< 0.21 U	< 0.21 U	< 0.21 U
Benzo(B)Fluoranthene	0.002	µg/L	**0.28**	< 0.55 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.57 U	< 0.57 U	NA	**1.9**	< 0.53 U	< 0.53 U	< 0.21 U	< 0.21 U	< 0.21 U
Benzo(K)Fluoranthene	0.002	µg/L	**0.088 J**	< 0.63 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.48 U	< 0.48 U	NA	**0.57**	< 0.61 U	< 0.61 U	< 0.21 U	< 0.21 U	< 0.21 U
Chrysene	0.002	µg/L	**0.35**	< 0.44 U	**0.19 J**	**0.27 J**	< 0.18 U	< 0.52 U	< 0.52 U	NA	**2.8**	< 0.43 U	< 0.43 U	< 0.18 U	< 0.18 U	< 0.18 U
Fluoranthene	50	µg/L	2.3	2.0 J	1.7	3.1	1.9	2	< 0.58 U	NA	14	< 0.47 U	< 0.47 U	< 0.17 U	< 0.17 U	< 0.17 U
Fluorene	50	µg/L	14	13	8.3	18.8	13.8	8.8	< 0.59 U	NA	18	< 0.52 U	< 0.52 U	< 0.17 U	< 0.17 U	< 0.17 U
Indeno(1,2,3-C,D)Pyrene	0.002	µg/L	**0.16**	< 0.78 U	< 0.33 U	< 0.33 U	< 0.33 U	< 0.64 U	< 0.64 U	NA	**1**	< 0.76 U	< 0.76 UJ	< 0.33 U	< 0.33 U	< 0.33 U
Naphthalene	10	µg/L	**480**	**500**	**237**	**253**	**281**	< 0.44 U	< 0.44 U	NA	**940**	< 0.58 U	< 0.58 U	< 0.23 U	< 0.23 U	< 0.23 U
Phenanthrene	50	µg/L	15	21	14	22.3	17.4	12.3	< 0.48 U	NA	13	< 0.5 U	< 0.5 U	< 0.18 U	< 0.18 U	< 0.18 U
Pyrene	50	µg/L	2.9	2.8 J	2.5	3.7	2.2	2.2	< 0.50 U	NA	17	< 0.64 U	< 0.64 U	< 0.22 U	< 0.22 U	< 0.22 U

Notes:

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

µg/L = Microgram(s) per liter
J = Concentration is estimated
J+ = Concentration is estimated; biased high
NA = Not analyzed
NSL = No screening level
SVOCs = Semivolatile organic compounds
U = Analyte not detected

Concentrations exceeding the screening level are bolded and shaded gray.

Table 3. Summary of Groundwater COC Concentrations and Exceedances (May 2025 and Historical)

			Location	MW-108R	MW-108R	MW-110R	MW-110R	MW-110R	MW-110R	MW-110R	MW-110R	MW-110R	MW-110R	MW-204S	MW-204S	MW-204S	MW-204S
			Sample Name	516008-MW-108R	16008-MW-108R-202505	MW-110R	MW-110R	516008-MW-110R	516008-MW-110R	516008-MW-110R	516008-MW-110R	516008-MW-110R	16008-MW-110R-202505	MW-204S	516008-MW-204S	516008-MW-204S	516008-MW-204S
			Parent Sample Name														
			Sample Date	7/31/2024	5/5/2025	7/26/2022	10/12/2022	5/31/2023	8/8/2023	10/30/2023	2/12/2024	7/31/2024	5/5/2025	7/27/2022	5/30/2023	8/8/2023	10/30/2023
Analyte	NYSDEC AWQS[1]	Unit		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
SVOCs (SW8270)																	
1,4-Dioxane (P-Dioxane)	0.35	µg/L		NA	NA	< 0.033 UJ	NA	NA	NA	NA	NA	NA	NA	< 0.033 U	NA	NA	NA
Acenaphthene	20	µg/L		< 0.61 U	< 0.61 U	NA	< 0.019 U	< 0.52 U	12.5	**53.4**	**51**	**24.3**	**47.5**	1.9 J	3.7 J	7.7	3.9
Anthracene	50	µg/L		< 0.56 U	< 0.56 U	NA	< 0.012 U	< 0.48 U	6	20.9	11.1	5.8 J	12.9	0.073 J	< 0.48 U	1.8	0.58 J
Benzo(A)Anthracene	0.002	µg/L		< 0.51 U	< 0.51 U	NA	< 0.014 U	< 0.44 U	**2.2**	**5.7**	**1.8**	< 5.1 U	**2**	**0.018 J**	< 0.44 U	< 0.20 U	< 0.20 U
Benzo(A)Pyrene	0.0001	µg/L		< 0.63 U	< 0.63 U	NA	< 0.015 U	< 0.67 U	**2.2**	**5.5**	**1.5**	< 6.3 U	**1.7**	< 0.014 UJ	< 0.67 U	< 0.21 U	< 0.21 U
Benzo(B)Fluoranthene	0.002	µg/L		< 0.57 U	< 0.57 U	NA	< 0.016 U	< 0.53 U	**1.4**	**3.6**	**1.4**	< 5.7 U	**1.1**	< 0.016 UJ	< 0.53 U	< 0.21 U	< 0.21 U
Benzo(K)Fluoranthene	0.002	µg/L		< 0.48 U	< 0.48 U	NA	< 0.012 U	< 0.61 U	**0.69 J**	**1.8**	**0.38 J**	< 4.8 U	< 0.48 U	< 0.012 UJ	< 0.61 U	< 0.21 U	< 0.21 U
Chrysene	0.002	µg/L		< 0.52 U	< 0.52 U	NA	< 0.013 U	< 0.43 U	**2.2**	**5.7**	**1.5**	< 5.2 U	**1.7**	**0.017 J**	< 0.43 U	< 0.18 U	< 0.18 U
Fluoranthene	50	µg/L		< 0.58 U	< 0.58 U	NA	< 0.013 U	< 0.46 U	8.9	24.8	9.8	< 5.8 U	10.9	< 0.013 UJ	< 0.46 U	< 0.17 U	< 0.17 U
Fluorene	50	µg/L		< 0.59 U	< 0.59 U	NA	< 0.017 U	< 0.52 U	8.2	36	33.7	19.1	32.2	2.4 J	3.3 J	10.7	4.4
Indeno(1,2,3-C,D)Pyrene	0.002	µg/L		< 0.64 U	< 0.64 U	NA	< 0.018 U	< 0.75 UJ	**0.77 J**	**2.1**	**0.62 J**	< 6.4 U	**0.75 J**	< 0.018 UJ	< 0.75 U	< 0.33 U	< 0.33 U
Naphthalene	10	µg/L		< 0.44 U	< 0.44 U	NA	0.055 J	< 0.57 U	**261**	**1640**	**876**	**462**	**1030**	< 0.026 UJ	**200**	**202**	**162**
Phenanthrene	50	µg/L		< 0.48 U	< 0.48 U	NA	< 0.016 U	< 0.49 U	11.7	41	28.2	17.7	38.3	0.23 J	1.2 J	8.5	2
Pyrene	50	µg/L		< 0.50 U	< 0.50 U	NA	< 0.014 U	< 0.63 U	10.2	31	13.4	5.7 J	17.2	< 0.014 UJ	< 0.63 U	< 0.22 U	< 0.22 U

Notes:

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

µg/L = Microgram(s) per liter
J = Concentration is estimated
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NA = Not analyzed
NSL = No screening level
SVOCs = Semivolatile organic compounds
U = Analyte not detected

Concentrations exceeding the screening level are bolded and shaded gray.

Table 3. Summary of Groundwater COC Concentrations and Exceedances (May 2025 and Historical)

			Location	MW-204S	MW-204S	MW-204S	MW-204D	MW-204D	MW-204D	MW-204D	MW-204D	MW-204D	MW-204D	MW-204D	MW-205S	MW-205S	MW-205S
			Sample Name	516008-MW-204S	516008-MW-204S	16008-MW-204S-2025050	MW-204D	516008-MW-204D	516008-MW-204D	516008-MW-204D	516008-MW-204D	516008-MW-204D	16008-MW-204D-2025050	516008-FD-GW-2025050	MW-205S	516008-MW-205S	516008-MW-205S
			Parent Sample Name											516008-MW-204D-2025050			
			Sample Date	2/12/2024	7/31/2024	5/5/2025	7/27/2022	5/30/2023	8/8/2023	10/30/2023	2/12/2024	7/31/2024	5/5/2025	5/5/2025	7/27/2022	5/30/2023	8/8/2023
Analyte	NYSDEC AWQS[1]	Unit		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
SVOCs (SW8270)																	
1,4-Dioxane (P-Dioxane)	0.35	µg/L		NA	NA	NA	< 0.034 U	NA	NA	NA	NA	NA	NA	NA	< 0.032 U	NA	NA
Acenaphthene	20	µg/L		4.5	< 0.61 U	< 0.61 U	9.3 J	8.8	10.3	15.5	11.7	5.3	4.5	< 0.61 U	2.6 J	1.3 J	0.53 J
Anthracene	50	µg/L		0.25 J	< 0.56 U	< 0.56 U	2.6 J	2.2 J	3	4.1	2.8 J	1.7	1.5	< 0.56 U	< 0.012 UJ	< 0.5 U	< 0.21 U
Benzo(A)Anthracene	0.002	µg/L		< 0.2 U	< 0.51 U	< 0.51 U	**0.024 J**	< 0.45 U	< 0.20 U	< 0.20 U	< 1 U	< 0.51 U	< 0.51 U	< 0.51 U	**0.018 J**	< 0.47 U	< 0.20 U
Benzo(A)Pyrene	0.0001	µg/L		< 0.21 U	< 0.63 U	< 0.63 U	< 0.015 UJ	< 0.68 U	< 0.21 U	< 0.21 U	< 1.1 U	< 0.63 U	< 0.63 U	< 0.63 U	< 0.015 UJ	< 0.71 U	< 0.21 U
Benzo(B)Fluoranthene	0.002	µg/L		< 0.21 U	< 0.57 U	< 0.57 U	< 0.016 UJ	< 0.53 U	< 0.21 U	< 0.21 U	< 1 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.016 UJ	< 0.55 U	< 0.21 U
Benzo(K)Fluoranthene	0.002	µg/L		< 0.21 U	< 0.48 U	< 0.48 U	< 0.012 UJ	< 0.61 U	< 0.21 U	< 0.21 U	< 1 U	< 0.48 U	< 0.48 U	< 0.48 U	< 0.012 UJ	< 0.64 U	< 0.21 U
Chrysene	0.002	µg/L		< 0.18 U	< 0.52 U	< 0.52 U	**0.023 J**	< 0.43 U	< 0.18 U	< 0.18 U	< 0.88 U	< 0.52 U	< 0.52 U	< 0.52 U	**0.017 J**	< 0.45 U	< 0.18 U
Fluoranthene	50	µg/L		< 0.17 U	< 0.58 U	< 0.58 U	0.82 J	0.88 J	1.2	1.5	1.3 J	0.96 J	1	< 0.58 U	< 0.013 UJ	< 0.48 U	< 0.17 U
Fluorene	50	µg/L		4.4	< 0.59 U	< 0.59 U	12 J	13	15.4	19.5	15.8	8.8	7.4	< 0.59 U	1.6 J	0.62 J	< 0.17 U
Indeno(1,2,3-C,D)Pyrene	0.002	µg/L		< 0.33 U	< 0.64 U	< 0.64 U	< 0.018 UJ	< 0.76 U	< 0.33 U	< 0.33 U	< 1.7 U	< 0.64 U	< 0.64 U	< 0.64 U	< 0.018 UJ	< 0.79 U	< 0.33 U
Naphthalene	10	µg/L		**159**	1.3	< 0.44 U	**280 J**	**190**	**225**	**727**	**279**	**184**	0.98 J	0.54 J	**27 J**	< 0.6 U	< 0.23 U
Phenanthrene	50	µg/L		1.1	< 0.48 U	< 0.48 U	12 J	9.8	11.5	14.8	14.2	8	5.4	< 0.48 U	0.33 J	< 0.52 U	< 0.18 U
Pyrene	50	µg/L		< 0.22 U	< 0.50 U	< 0.50 U	0.74 J	0.90 J	0.86 J	1.3	1.1 J	0.87 J	0.97 J	< 0.50 U	< 0.014 UJ	< 0.66 U	< 0.22 U

Notes:

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

µg/L = Microgram(s) per liter

J = Concentration is estimated

J+ = Concentration is estimated; biased high

NA = Not analyzed

NSL = No screening level

SVOCs = Semivolatile organic compounds

U = Analyte not detected

Concentrations exceeding the screening level are bolded and shaded gray.

Table 3. Summary of Groundwater COC Concentrations and Exceedances (May 2025 and Historical)

			Location	MW-205S	MW-205S	MW-205S	MW-205S	MW-205S	MW-205S	MW-205D	MW-205D	MW-205D	MW-205D	MW-205D	MW-205D	MW-205D	PZ-301
			Sample Name	516008-FD-01-GW	516008-MW-205S	516008-FD-GW	516008-MW-205S	516008-MW-205S	16008-MW-205S-202505	MW-205D	516008-MW-205D	516008-MW-205D	516008-MW-205D	516008-MW-205D	516008-MW-205D	16008-MW-205D-202505	PZ-301
			Parent Sample Name	516008-MW-205S		516008-MW-205S											
			Sample Date	8/8/2023	10/30/2023	10/30/2023	2/12/2024	7/31/2024	5/5/2025	7/27/2022	5/30/2023	8/8/2023	10/30/2023	2/12/2024	7/31/2024	5/5/2025	7/21/2020
Analyte	NYSDEC AWQS[1]	Unit		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
SVOCs (SW8270)																	
1,4-Dioxane (P-Dioxane)	0.35	µg/L		NA	NA	NA	NA	NA	NA	< 0.032 U	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	20	µg/L		0.99 J	< 0.19 U	< 0.19 U	< 0.19 U	< 0.61 U	< 0.61 U	**29 J**	**27**	**33.4**	**29.9**	**22.7**	**27.1**	**94**	< 0.014 U
Anthracene	50	µg/L		< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.56 U	< 0.56 U	1.9 J	2.6 J	4.6	4	3.2	2.9	4.2	< 0.0092 U
Benzo(A)Anthracene	0.002	µg/L		< 0.20 U	< 0.20 U	< 0.20 U	< 0.2 U	< 0.51 U	< 0.51 U	< 0.014 UJ	< 0.47 U	< 0.20 U	< 0.20 U	< 0.2 U	< 0.51 U	< 0.51 U	< 0.016 U
Benzo(A)Pyrene	0.0001	µg/L		< 0.21 U	< 0.21 U	< 0.21 U	**0.22 J**	< 0.63 U	< 0.63 U	< 0.014 UJ	< 0.72 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.63 U	< 0.63 U	< 0.022 U
Benzo(B)Fluoranthene	0.002	µg/L		< 0.21 U	< 0.21 U	< 0.21 U	**0.21 J**	< 0.57 U	< 0.57 U	< 0.016 UJ	< 0.56 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.57 U	< 0.57 U	< 0.024 U
Benzo(K)Fluoranthene	0.002	µg/L		< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.48 U	< 0.48 U	< 0.012 UJ	< 0.65 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.48 U	< 0.48 U	< 0.028 U
Chrysene	0.002	µg/L		< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.52 U	< 0.52 U	< 0.013 UJ	< 0.46 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.52 U	< 0.52 U	< 0.030 U
Fluoranthene	50	µg/L		< 0.17 U	< 0.17 U	< 0.17 U	0.25 J	< 0.58 U	< 0.58 U	0.34 J	< 0.49 U	0.74 J	0.57 J	0.58 J	< 0.58 U	0.72 J	< 0.039 U
Fluorene	50	µg/L		0.20 J	< 0.17 U	< 0.17 U	0.18 J	< 0.59 U	< 0.59 U	24 J	26	33.9	30.4	25.8	23.8	32.8	< 0.012 U
Indeno(1,2,3-C,D)Pyrene	0.002	µg/L		< 0.33 U	< 0.33 U	< 0.33 U	**0.43 J**	< 0.64 U	< 0.64 U	< 0.018 UJ	< 0.81 U	< 0.33 U	< 0.33 U	< 0.33 U	< 0.64 U	< 0.64 U	< 0.036 U
Naphthalene	10	µg/L		< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.44 U	< 0.44 U	**1400 J**	**2300**	**1950**	**2620**	**2260**	**2640**	**2370**	< 0.12 U
Phenanthrene	50	µg/L		< 0.18 U	< 0.18 U	< 0.18 U	0.24 J	< 0.48 U	< 0.48 U	19 J	25	32.4	32.5	27.2	26.9	40.3	0.024 J
Pyrene	50	µg/L		< 0.22 U	< 0.22 U	< 0.22 U	0.26 J	< 0.50 U	< 0.50 U	0.28 J	< 0.68 U	0.48 J	0.52 J	0.59 J	< 0.50 U	0.69 J	< 0.031 U

Notes:

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

µg/L = Microgram(s) per liter
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NA = Not analyzed
NSL = No screening level
SVOCs = Semivolatile organic compounds
U = Analyte not detected

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Table 3. Summary of Groundwater COC Concentrations and Exceedances (May 2025 and Historical)

Location			PZ-301	PZ-301	PZ-301	PZ-301	PZ-301	PZ-301	PZ-301	PZ-301	PZ-301	PZ-301	PZ-301	PZ-301	PZ-301
Sample Name			PZ-301	PZ-301	PZ-301	PZ-301	PZ-301	PZ-301	PZ-301	516008-PZ-301	516008-PZ-301	516008-FD-GW	516008-PZ-301	516008-FD-GW	516008-PZ-301-20250505
Parent Sample Name												516008-PZ-301		516008-PZ-301	
Sample Date			11/19/2020	2/24/2021	6/8/2021	10/20/2021	7/27/2022	5/31/2023	8/9/2023	10/30/2023	2/12/2024	2/12/2024	8/1/2024	8/1/2024	5/5/2025
Analyte	NYSDEC AWQS[1]	Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
SVOCs (SW8270)															
1,4-Dioxane (P-Dioxane)	0.35	µg/L	NA	NA	NA	NA	< 0.033 U	NS	NS	NA	NA	NA	NA	NA	NA
Acenaphthene	20	µg/L	< 0.41 U	< 0.014 U	< 0.014 U	0.043 J	0.075 J	NS	NS	< 0.19 U	< 0.19 U	< 0.19 U	< 0.61 U	< 1.2 U	< 0.61 U
Anthracene	50	µg/L	< 0.28 U	< 0.025 U	< 0.025 U	< 0.025 U	< 0.013 UJ	NS	NS	< 0.21 U	< 0.21 U	< 0.21 U	< 0.56 U	< 1.1 U	< 0.56 U
Benzo(A)Anthracene	0.002	µg/L	< 0.36 U	< 0.016 U	< 0.016 U	< 0.016 U	< 0.015 UJ	NS	NS	< 0.20 U	**0.25 J**	< 0.2 U	< 0.51 U	< 1.0 U	< 0.51 U
Benzo(A)Pyrene	0.0001	µg/L	< 0.47 U	< 0.022 U	< 0.022 U	< 0.022 U	< 0.016 UJ	NS	NS	< 0.21 U	< 0.21 U	< 0.21 U	< 0.63 U	< 1.3 U	< 0.63 U
Benzo(B)Fluoranthene	0.002	µg/L	< 0.34 U	< 0.024 U	< 0.024 U	< 0.024 U	< 0.017 UJ	NS	NS	< 0.21 U	**0.21 J**	< 0.21 U	< 0.57 U	< 1.1 U	< 0.57 U
Benzo(K)Fluoranthene	0.002	µg/L	< 0.73 U	< 0.028 U	< 0.028 U	< 0.028 U	< 0.013 UJ	NS	NS	< 0.21 U	< 0.21 U	< 0.21 U	< 0.48 U	< 0.96 U	< 0.48 U
Chrysene	0.002	µg/L	< 0.33 U	< 0.030 U	< 0.030 U	< 0.030 U	< 0.014 UJ	NS	NS	< 0.18 U	< 0.18 U	< 0.18 U	< 0.52 U	< 1.0 U	< 0.52 U
Fluoranthene	50	µg/L	< 0.4 U	< 0.039 U	< 0.039 U	< 0.039 U	< 0.014 UJ	NS	NS	< 0.17 U	< 0.17 U	< 0.17 U	< 0.58 U	< 1.2 U	< 0.58 U
Fluorene	50	µg/L	< 0.36 U	< 0.012 U	< 0.012 U	0.023 J	0.032 J	NS	NS	< 0.17 U	< 0.17 U	< 0.17 U	< 0.59 U	< 1.2 U	< 0.59 U
Indeno(1,2,3-C,D)Pyrene	0.002	µg/L	< 0.47 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.019 UJ	NS	NS	< 0.33 U	< 0.33 U	< 0.33 U	< 0.64 U	< 1.3 U	< 0.64 U
Naphthalene	10	µg/L	0.82 J	< 0.12 U	< 0.12 U	0.68	< 0.028 UJ	NS	NS	< 0.23 U	< 0.23 U	< 0.23 U	< 0.44 U	< 0.88 U	< 0.44 U
Phenanthrene	50	µg/L	< 0.44 U	< 0.022 U	< 0.022 U	0.088	< 0.017 UJ	NS	NS	< 0.18 U	< 0.18 U	< 0.18 U	< 0.48 U	< 0.97 U	< 0.48 U
Pyrene	50	µg/L	< 0.34 U	< 0.031 U	< 0.031 U	< 0.031 U	< 0.015 UJ	NS	NS	< 0.22 U	< 0.22 U	< 0.22 U	< 0.50 U	< 0.99 U	< 0.50 U

Notes:

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

µg/L = Microgram(s) per liter
J = Concentration is estimated
J+ = Concentration is estimated; biased high
NA = Not analyzed
NSL = No screening level
SVOCs = Semivolatile organic compounds
U = Analyte not detected

Concentrations exceeding the screening level are bolded and shaded gray.

Table 4. Summary of Surface Water COC Concentrations and Exceedances (May 2025 and Historical)

Location			SW-400	SW-400	SW-400	SW-400	SW-400	SW-400	SWSED-400	SWSED-400	SWSED-400	SWSED-400
Sample Name			SW-400	SW-400	SW-400	SW-400	SW-400	SW-400	516008-SW-400	516008-SW-400	516008-FD-01-SW	516008-SW-400
Parent Sample Name											516008-SW-400_20230906	
Sample Date			7/20/2020	11/19/2020	2/24/2021	6/8/2021	10/20/2021	7/28/2022	5/31/2023	9/6/2023	9/6/2023	10/31/2023
Analyte	NYSDEC SW[1]	Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
SVOCs (SW8270)												
1,4-Dioxane (P-Dioxane)	0.35	µg/L	NA	NA	NA	NA	NA	< 0.032 U	NA	NA	NA	NA
2-Methylnaphthalene	NSL	µg/L	NA	NA	NA	NA	NA	NA	< 0.65 U	NA	NA	NA
Acenaphthene	NSL	µg/L	< 0.014 U	< 0.41 U	< 0.014 U	< 0.014 U	0.028 J	NA	< 0.52 U	< 0.19 U	< 0.19 U	< 0.19 U
Acenaphthylene	NSL	µg/L	< 0.015 U	< 0.38 U	< 0.015 U	< 0.015 U	0.03 J	NA	< 0.54 U	< 0.14 U	< 0.14 U	< 0.14 U
Anthracene	50	µg/L	< 0.0092 U	< 0.28 U	< 0.025 U	< 0.025 U	< 0.025 U	NA	< 0.48 U	< 0.21 U	< 0.21 U	< 0.21 U
Benzo(A)Anthracene	0.002	µg/L	< 0.016 U	< 0.36 U	< 0.016 U	< 0.016 U	< 0.016 U	NA	< 0.44 U	< 0.20 U	< 0.20 U	< 0.20 U
Benzo(A)Pyrene	0.002	µg/L	< 0.022 U	< 0.47 U	**0.03 J**	< 0.022 U	< 0.022 U	NA	< 0.67 U	< 0.21 U	< 0.21 U	< 0.21 U
Benzo(B)Fluoranthene	0.002	µg/L	< 0.024 U	< 0.34 U	< 0.024 U	< 0.024 U	< 0.024 U	NA	< 0.53 U	< 0.21 U	< 0.21 U	< 0.21 U
Benzo(G,H,I)Perylene	NSL	µg/L	< 0.035 U	< 0.35 U	< 0.035 U	< 0.035 U	< 0.035 U	NA	< 0.65 UJ	< 0.34 U	< 0.34 U	< 0.34 U
Benzo(K)Fluoranthene	0.002	µg/L	< 0.028 U	< 0.73 U	< 0.028 U	< 0.028 U	< 0.028 U	NA	< 0.61 U	< 0.21 U	< 0.21 U	< 0.21 U
Chrysene	0.002	µg/L	< 0.030 U	< 0.33 U	**0.032 J**	< 0.030 U	< 0.030 U	NA	< 0.43 U	< 0.18 U	< 0.18 U	< 0.18 U
Dibenz(A,H)Anthracene	NSL	µg/L	< 0.020 U	< 0.42 U	0.025 J+	< 0.020 U	< 0.020 U	NA	< 0.71 UJ	< 0.33 U	< 0.33 U	< 0.33 U
Fluoranthene	50	µg/L	< 0.039 U	< 0.4 U	< 0.039 U	< 0.039 U	< 0.039 U	NA	< 0.46 U	< 0.17 U	< 0.17 U	< 0.17 U
Fluorene	50	µg/L	< 0.012 U	< 0.36 U	< 0.012 U	< 0.012 U	0.019 J	NA	< 0.52 U	< 0.17 U	< 0.17 U	< 0.17 U
Indeno(1,2,3-C,D)Pyrene	0.002	µg/L	< 0.036 U	< 0.47 U	< 0.036 U	< 0.036 U	< 0.036 U	NA	< 0.75 UJ	< 0.33 U	< 0.33 U	< 0.33 U
Naphthalene	NSL	µg/L	< 0.12 U	< 0.76 U	< 0.12 U	< 0.12 U	0.49	NA	< 0.57 U	< 0.23 U	< 0.23 U	< 0.23 U
Phenanthrene	50	µg/L	< 0.022 U	< 0.44 U	0.024 J	< 0.022 U	0.089	NA	< 0.49 U	< 0.18 U	< 0.18 U	< 0.18 U
Pyrene	50	µg/L	< 0.031 U	< 0.34 U	0.034 J	< 0.031 U	< 0.031 U	NA	< 0.63 U	< 0.22 U	< 0.22 U	< 0.22 U
VOCs (SW8260)												
1,1,1-Trichloroethane (TCA)	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	0.2	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	1	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	0.07	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	5	µg/L	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
1,2-Dibromo-3-Chloropropane	0.04	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	3	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.6	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	1	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	3	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	3	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	50	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	50	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	1	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	50	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	50	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	60	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.4	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	7	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane (Methyl Chloride)	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cis-1,2-Dichloroethylene	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cis-1,3-Dichloropropene	0.4	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyclohexane	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	50	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	5	µg/L	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
M,P-Xylene (Sum Of Isomers)	NSL	µg/L	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
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	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
Methylcyclohexane	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
O-Xylene (1,2-Dimethylbenzene)	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tert-Butyl Methyl Ether	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene (PCE)	0.7	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,3-Dichloropropene	0.4	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethylene (TCE)	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	0.3	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

[1]NYSDEC Class A Surface Water (Standard/Guidance Values) (6 NYCRR Part 703.5 Water Quality Regulations, as presented in the Division of Water Technical and Operational Guidance Series 1.1.1, 1998, as amended).

µg/L = Microgram(s) per liter

J = Concentration is estimated

J+ = Concentration is estimated (biased high).

NA = Not analyzed

NSL = No screening level

SVOCs = Semivolatile organic compounds

U = Analyte not detected

Concentrations exceeding the screening level are bolded and shaded gray.

Table 4. Summary of Surface Water COC Concentrations and Exceedances (May 2025 and Historical)

			Location	SWSED-400	SWSED-400	SW-400	SW-401	SW-401	SW-401	SW-401	SW-401	SW-401
			Sample Name	516008-FD-SW	516008-SW-400	516008-SW-400-20250506	SW-401	SW-401	SW-401D	SW-401	SW-401D	SW-401
			Parent Sample Name	516008-SW-400_20231031				SW-401_07_21_2020	SW-401_11_18_2020		SW-401_02_23_2021	
			Sample Date	10/31/2023	8/1/2024	5/6/2025	7/21/2020	7/21/2020	11/18/2020	2/23/2021	2/23/2021	6/8/2021
Analyte	**NYSDEC SW[1]**	**Unit**		**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
SVOCs (SW8270)												
1,4-Dioxane (P-Dioxane)	0.35	µg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NSL	µg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	NSL	µg/L		< 0.19 U	< 0.61 U	< 0.61 U	0.026 J	0.018 J	< 0.41 U	< 0.41 U	< 0.014 U	< 0.014 U	0.021 J
Acenaphthylene	NSL	µg/L		< 0.14 U	< 0.42 U	< 0.42 U	< 0.015 U	< 0.015 U	< 0.38 U	< 0.38 U	< 0.015 U	< 0.015 U	< 0.015 U
Anthracene	50	µg/L		< 0.21 U	< 0.56 U	< 0.56 U	< 0.0092 U	< 0.0092 U	< 0.28 U	< 0.28 U	< 0.025 U	< 0.025 U	< 0.025 U
Benzo(A)Anthracene	0.002	µg/L		< 0.20 U	< 0.51 U	< 0.51 U	< 0.016 U	< 0.016 U	< 0.36 U	< 0.36 U	< 0.016 U	< 0.016 U	< 0.016 U
Benzo(A)Pyrene	0.002	µg/L		< 0.21 U	< 0.63 U	< 0.63 U	< 0.022 U	< 0.022 U	< 0.47 U	< 0.47 U	< 0.022 U	< 0.022 U	< 0.022 U
Benzo(B)Fluoranthene	0.002	µg/L		< 0.21 U	< 0.57 U	< 0.57 U	< 0.024 U	< 0.024 U	< 0.34 U	< 0.34 U	< 0.024 U	< 0.024 U	< 0.024 U
Benzo(G,H,I)Perylene	NSL	µg/L		< 0.34 U	< 0.64 U	< 0.64 U	< 0.035 U	< 0.035 U	< 0.35 U	< 0.35 U	< 0.035 U	< 0.035 U	< 0.035 U
Benzo(K)Fluoranthene	0.002	µg/L		< 0.21 U	< 0.48 U	< 0.48 U	< 0.028 U	< 0.028 U	< 0.73 U	< 0.73 U	< 0.028 U	< 0.028 U	< 0.028 U
Chrysene	0.002	µg/L		< 0.18 U	< 0.52 U	< 0.52 U	< 0.030 U	< 0.030 U	< 0.33 U	< 0.33 U	< 0.030 U	< 0.030 U	< 0.030 U
Dibenz(A,H)Anthracene	NSL	µg/L		< 0.33 U	< 0.50 U	< 0.50 U	< 0.020 U	< 0.020 U	< 0.42 U	< 0.42 U	< 0.020 U	< 0.020 U	< 0.020 U
Fluoranthene	50	µg/L		< 0.17 U	< 0.58 U	< 0.58 U	< 0.039 U	< 0.039 U	< 0.4 U	< 0.4 U	< 0.039 U	< 0.039 U	< 0.039 U
Fluorene	50	µg/L		< 0.17 U	< 0.59 U	< 0.59 U	0.017 J	< 0.012 U	< 0.36 U	< 0.36 U	< 0.012 U	< 0.012 U	< 0.012 U
Indeno(1,2,3-C,D)Pyrene	0.002	µg/L		< 0.33 U	< 0.64 U	< 0.64 U	< 0.036 U	< 0.036 U	< 0.47 U	< 0.47 U	< 0.036 U	< 0.036 U	< 0.036 U
Naphthalene	NSL	µg/L		< 0.23 U	< 0.44 U	< 0.44 U	< 0.12 U	< 0.12 U	< 0.76 U	< 0.76 U	< 0.12 U	< 0.12 U	< 0.12 U
Phenanthrene	50	µg/L		< 0.18 U	< 0.48 U	< 0.48 U	0.037 J	0.023 J	< 0.44 U	< 0.44 U	< 0.022 U	< 0.022 U	< 0.022 U
Pyrene	50	µg/L		< 0.22 U	< 0.50 U	< 0.50 U	< 0.031 U	< 0.031 U	< 0.34 U	< 0.34 U	< 0.031 U	< 0.031 U	< 0.031 U
VOCs (SW8260)												
1,1,1-Trichloroethane (TCA)	5	µg/L		NA	NA	< 0.54 U	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	0.2	µg/L		NA	NA	< 0.65 U	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L		NA	NA	< 0.58 U	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	1	µg/L		NA	NA	< 0.53 U	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	5	µg/L		NA	NA	< 0.57 U	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	0.07	µg/L		NA	NA	< 0.59 U	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	5	µg/L		NA	NA	< 0.50 U	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	5	µg/L		NA	NA	< 0.50 U	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-Chloropropane	0.04	µg/L		NA	NA	< 0.53 U	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	µg/L		NA	NA	< 0.48 U	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	3	µg/L		NA	NA	< 0.53 U	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.6	µg/L		NA	NA	< 0.60 U	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	1	µg/L		NA	NA	< 0.51 U	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	3	µg/L		NA	NA	< 0.54 U	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	3	µg/L		NA	NA	< 0.51 U	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	50	µg/L		NA	NA	< 4.8 U	NA	NA	NA	NA	NA	NA	NA
Acetone	50	µg/L		NA	NA	< 3.1 U	NA	NA	NA	NA	NA	NA	NA
Benzene	1	µg/L		NA	NA	< 0.43 U	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	5	µg/L		NA	NA	< 0.48 U	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	50	µg/L		NA	NA	< 0.45 U	NA	NA	NA	NA	NA	NA	NA
Bromoform	50	µg/L		NA	NA	< 0.63 U	NA	NA	NA	NA	NA	NA	NA
Bromomethane	5	µg/L		NA	NA	< 1.6 U	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	60	µg/L		NA	NA	< 1.8 U	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.4	µg/L		NA	NA	< 0.55 U	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	5	µg/L		NA	NA	< 0.56 U	NA	NA	NA	NA	NA	NA	NA
Chloroethane	5	µg/L		NA	NA	< 0.73 U	NA	NA	NA	NA	NA	NA	NA
Chloroform	7	µg/L		NA	NA	< 0.50 U	NA	NA	NA	NA	NA	NA	NA
Chloromethane (Methyl Chloride)	5	µg/L		NA	NA	< 0.76 U	NA	NA	NA	NA	NA	NA	NA
Cis-1,2-Dichloroethylene	5	µg/L		NA	NA	< 0.51 U	NA	NA	NA	NA	NA	NA	NA
Cis-1,3-Dichloropropene	0.4	µg/L		NA	NA	< 0.47 U	NA	NA	NA	NA	NA	NA	NA
Cyclohexane	NSL	µg/L		NA	NA	< 0.78 U	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	50	µg/L		NA	NA	< 0.56 U	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	5	µg/L		NA	NA	< 0.56 U	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	5	µg/L		NA	NA	< 0.60 U	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene (Cumene)	5	µg/L		NA	NA	< 0.65 U	NA	NA	NA	NA	NA	NA	NA
M,P-Xylene (Sum Of Isomers)	NSL	µg/L		NA	NA	< 0.78 U	NA	NA	NA	NA	NA	NA	NA
Methyl Acetate	NSL	µg/L		NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
Methyl Ethyl Ketone (2-Butanone)	50	µg/L		NA	NA	< 2.7 U	NA	NA	NA	NA	NA	NA	NA
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L		NA	NA	< 4.9 U	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NSL	µg/L		NA	NA	< 0.60 U	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	5	µg/L		NA	NA	< 1.0 U	NA	NA	NA	NA	NA	NA	NA
O-Xylene (1,2-Dimethylbenzene)	NSL	µg/L		NA	NA	< 0.59 U	NA	NA	NA	NA	NA	NA	NA
Styrene	5	µg/L		NA	NA	< 0.49 U	NA	NA	NA	NA	NA	NA	NA
Tert-Butyl Methyl Ether	NSL	µg/L		NA	NA	< 0.51 U	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene (PCE)	0.7	µg/L		NA	NA	< 0.56 U	NA	NA	NA	NA	NA	NA	NA
Toluene	5	µg/L		NA	NA	< 0.49 U	NA	NA	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	5	µg/L		NA	NA	< 0.54 U	NA	NA	NA	NA	NA	NA	NA
Trans-1,3-Dichloropropene	0.4	µg/L		NA	NA	< 0.43 U	NA	NA	NA	NA	NA	NA	NA
Trichloroethylene (TCE)	5	µg/L		NA	NA	< 0.53 U	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	5	µg/L		NA	NA	< 0.40 U	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	0.3	µg/L		NA	NA	< 0.52 U	NA	NA	NA	NA	NA	NA	NA
Xylenes	5	µg/L		NA	NA	< 0.59 U	NA	NA	NA	NA	NA	NA	NA

Notes:

[1]NYSDEC Class A Surface Water (Standard/Guidance Values) (6 NYCRR Part 703.5 Water Quality Regulations, as presented in the Division of Water Technical and Operational Guidance Series 1.1.1, 1998, as amended).

µg/L = Microgram(s) per liter

J = Concentration is estimated

J+ = Concentration is estimated (biased high).

NA = Not analyzed

NSL = No screening level

SVOCs = Semivolatile organic compounds

U = Analyte not detected

Concentrations exceeding the screening level are bolded and shaded gray.

Table 4. Summary of Surface Water COC Concentrations and Exceedances (May 2025 and Historical)

Location			SW-401	SW-401	SW-401	SW-401	SW-401	SWSED-401	SWSED-401	SWSED-401	SWSED-401	SWSED-401
Sample Name			SW-401D	SW-401D	SW-401D			516008-SW-401	516008-FD-SW	516008-SW-401	516008-SW-401	516008-SW-401
Parent Sample Name			SW-401_06_08_2021		SW-401_10_20_2021		SW-401_07_28_2022		516008-SW-401_20230531			
Sample Date			6/8/2021	10/20/2021	10/20/2021	7/28/2022	7/28/2022	5/31/2023	5/31/2023	9/6/2023	10/31/2023	8/1/2024
Analyte	NYSDEC SW[1]	Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
SVOCs (SW8270)												
1,4-Dioxane (P-Dioxane)	0.35	µg/L	NA	NA	NA	< 0.032 U	< 0.032 U	NA	NA	NA	NA	NA
2-Methylnaphthalene	NSL	µg/L	NA	NA	NA	NA	NA	< 0.66 U	< 0.66 U	NA	NA	NA
Acenaphthene	NSL	µg/L	0.025 J	0.022 J	0.024 J	NA	< 0.019 UJ	< 0.52 U	< 0.53 U	< 0.19 U	< 0.19 U	< 0.61 U
Acenaphthylene	NSL	µg/L	< 0.015 U	0.016 J	0.016 J	NA	< 0.015 UJ	< 0.54 U	< 0.55 U	< 0.14 U	< 0.14 U	< 0.42 U
Anthracene	50	µg/L	< 0.025 U	< 0.025 U	< 0.025 U	NA	< 0.012 UJ	< 0.48 U	< 0.49 U	< 0.21 U	< 0.21 U	< 0.56 U
Benzo(A)Anthracene	0.002	µg/L	< 0.016 U	< 0.016 U	< 0.016 U	NA	< 0.014 UJ	< 0.45 U	< 0.45 U	< 0.20 U	< 0.21 U	< 0.51 U
Benzo(A)Pyrene	0.002	µg/L	< 0.022 U	< 0.022 U	< 0.022 U	NA	< 0.014 UJ	< 0.68 U	< 0.68 U	< 0.21 U	< 0.22 U	< 0.63 U
Benzo(B)Fluoranthene	0.002	µg/L	< 0.024 U	< 0.024 U	< 0.024 U	NA	< 0.016 UJ	< 0.53 U	< 0.54 U	< 0.21 U	< 0.21 U	< 0.57 U
Benzo(G,H,I)Perylene	NSL	µg/L	< 0.035 U	< 0.035 U	< 0.035 U	NA	< 0.017 UJ	< 0.66 UJ	< 0.67 UJ	< 0.34 U	< 0.34 U	< 0.64 U
Benzo(K)Fluoranthene	0.002	µg/L	< 0.028 U	< 0.028 U	< 0.028 U	NA	< 0.012 UJ	< 0.61 U	< 0.62 U	< 0.21 U	< 0.21 U	< 0.48 U
Chrysene	0.002	µg/L	< 0.030 U	< 0.030 U	< 0.030 U	NA	< 0.013 UJ	< 0.43 U	< 0.44 U	< 0.18 U	< 0.18 U	< 0.52 U
Dibenz(A,H)Anthracene	NSL	µg/L	< 0.020 U	< 0.020 U	< 0.020 U	NA	< 0.018 UJ	< 0.72 UJ	< 0.73 UJ	< 0.33 U	< 0.33 U	< 0.50 U
Fluoranthene	50	µg/L	< 0.039 U	< 0.039 U	< 0.039 U	NA	< 0.013 UJ	< 0.47 U	< 0.47 U	< 0.17 U	< 0.17 U	< 0.58 U
Fluorene	50	µg/L	< 0.012 U	0.016 J	0.017 J	NA	< 0.016 UJ	< 0.52 U	< 0.53 U	< 0.17 U	< 0.17 U	< 0.59 U
Indeno(1,2,3-C,D)Pyrene	0.002	µg/L	< 0.036 U	< 0.036 U	< 0.036 U	NA	< 0.018 UJ	< 0.76 UJ	< 0.77 UJ	< 0.33 U	< 0.34 U	< 0.64 U
Naphthalene	NSL	µg/L	< 0.12 U	0.23	0.25	NA	< 0.026 UJ	< 0.58 U	< 0.59 U	< 0.23 U	< 0.23 U	< 0.44 U
Phenanthrene	50	µg/L	< 0.022 U	0.11	0.095	NA	< 0.015 UJ	< 0.5 U	< 0.5 U	< 0.18 U	< 0.18 U	< 0.48 U
Pyrene	50	µg/L	< 0.031 U	< 0.031 U	< 0.031 U	NA	< 0.014 UJ	< 0.64 U	< 0.64 U	< 0.22 U	< 0.22 U	< 0.50 U
VOCs (SW8260)												
1,1,1-Trichloroethane (TCA)	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	0.2	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	1	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	0.07	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	5	µg/L	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
1,2-Dibromo-3-Chloropropane	0.04	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	3	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.6	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	1	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	3	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	3	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	50	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	50	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	1	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	50	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	50	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	60	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.4	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	7	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane (Methyl Chloride)	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cis-1,2-Dichloroethylene	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cis-1,3-Dichloropropene	0.4	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyclohexane	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	50	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	5	µg/L	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
M,P-Xylene (Sum Of Isomers)	NSL	µg/L	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
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	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
Methylcyclohexane	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
O-Xylene (1,2-Dimethylbenzene)	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tert-Butyl Methyl Ether	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene (PCE)	0.7	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,3-Dichloropropene	0.4	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethylene (TCE)	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	0.3	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes	5	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

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µg/L = Microgram(s) per liter

J = Concentration is estimated

J+ = Concentration is estimated (biased high).

NA = Not analyzed

NSL = No screening level

SVOCs = Semivolatile organic compounds

U = Analyte not detected

Concentrations exceeding the screening level are bolded and shaded gray.

Table 4. Summary of Surface Water COC Concentrations and Exceedances (May 2025 and Historical)

Location			SW-401	SW-401	SW-402	SW-402	SW-402	SW-402	SW-402	SW-402	SWSED-402	SWSED-402
Sample Name			516008-SW-401-20250506	516008-FD-SW-20250506	SW-402	SW-402	SW-402	SW-402	SW-402	SW-402	516008-SW-402	516008-SW-402
Parent Sample Name				516008-SW-401-20250506								
Sample Date			5/6/2025	5/6/2025	7/21/2020	11/18/2020	2/23/2021	6/8/2021	10/20/2021	7/28/2022	5/31/2023	9/6/2023
Analyte	NYSDEC SW[1]	Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
SVOCs (SW8270)												
1,4-Dioxane (P-Dioxane)	0.35	µg/L	NA	NA	NA	NA	NA	NA	NA	< 0.032 U	NA	NA
2-Methylnaphthalene	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	< 0.66 U	NA
Acenaphthene	NSL	µg/L	< 0.61 U	< 0.61 U	0.016 J	< 0.41 U	< 0.014 U	< 0.014 U	0.024 J	< 0.021 UJ	< 0.52 U	< 0.19 U
Acenaphthylene	NSL	µg/L	< 0.42 U	< 0.42 U	< 0.015 U	< 0.38 U	< 0.015 U	< 0.015 U	< 0.015 U	< 0.017 UJ	< 0.54 U	< 0.13 U
Anthracene	50	µg/L	< 0.56 U	< 0.56 U	< 0.0092 U	< 0.28 U	< 0.025 U	< 0.025 U	< 0.025 U	< 0.014 UJ	< 0.48 U	< 0.21 U
Benzo(A)Anthracene	0.002	µg/L	< 0.51 U	< 0.51 U	< 0.016 U	< 0.36 U	< 0.016 U	< 0.016 U	< 0.016 U	< 0.016 UJ	< 0.45 U	< 0.20 U
Benzo(A)Pyrene	0.002	µg/L	< 0.63 U	< 0.63 U	< 0.022 U	< 0.47 U	< 0.022 U	< 0.022 U	< 0.022 U	< 0.016 UJ	< 0.68 U	< 0.21 U
Benzo(B)Fluoranthene	0.002	µg/L	< 0.57 U	< 0.57 U	< 0.024 U	< 0.34 U	**0.037 J**	< 0.024 U	< 0.024 U	< 0.018 UJ	< 0.53 U	< 0.20 U
Benzo(G,H,I)Perylene	NSL	µg/L	< 0.64 U	< 0.64 U	< 0.035 U	< 0.35 U	0.043 J+	< 0.035 U	< 0.035 U	< 0.019 UJ	< 0.66 UJ	< 0.33 U
Benzo(K)Fluoranthene	0.002	µg/L	< 0.48 U	< 0.48 U	< 0.028 U	< 0.73 U	< 0.028 U	< 0.028 U	< 0.028 U	< 0.013 UJ	< 0.61 U	< 0.20 U
Chrysene	0.002	µg/L	< 0.52 U	< 0.52 U	< 0.030 U	< 0.33 U	**0.048 J**	< 0.030 U	< 0.030 U	< 0.014 UJ	< 0.43 U	< 0.17 U
Dibenz(A,H)Anthracene	NSL	µg/L	< 0.50 U	< 0.50 U	< 0.020 U	< 0.42 U	< 0.020 U	< 0.020 U	< 0.020 U	< 0.02 UJ	< 0.72 UJ	< 0.32 U
Fluoranthene	50	µg/L	< 0.58 U	< 0.58 U	< 0.039 U	< 0.4 U	0.066	< 0.039 U	< 0.039 U	< 0.015 UJ	< 0.47 U	< 0.17 U
Fluorene	50	µg/L	< 0.59 U	< 0.59 U	< 0.012 U	< 0.36 U	< 0.012 U	< 0.012 U	0.016 J	< 0.018 UJ	< 0.52 U	< 0.17 U
Indeno(1,2,3-C,D)Pyrene	0.002	µg/L	< 0.64 U	< 0.64 U	< 0.036 U	< 0.47 U	**0.042 J**	< 0.036 U	< 0.036 U	< 0.02 UJ	< 0.76 UJ	< 0.33 U
Naphthalene	NSL	µg/L	< 0.44 U	< 0.44 U	< 0.12 U	< 0.76 U	< 0.12 U	< 0.12 U	0.14 J	< 0.029 UJ	< 0.58 U	< 0.23 U
Phenanthrene	50	µg/L	< 0.48 U	< 0.48 U	< 0.022 U	< 0.44 U	0.035 J	< 0.022 U	0.077	< 0.017 UJ	< 0.5 U	< 0.17 U
Pyrene	50	µg/L	< 0.50 U	< 0.50 U	< 0.031 U	< 0.34 U	0.071	< 0.031 U	< 0.031 U	< 0.016 UJ	< 0.64 U	< 0.21 U
VOCs (SW8260)												
1,1,1-Trichloroethane (TCA)	5	µg/L	< 0.54 U	< 0.54 U	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	0.2	µg/L	< 0.65 U	< 0.65 U	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	< 0.58 U	< 0.58 U	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	1	µg/L	< 0.53 U	< 0.53 U	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	5	µg/L	< 0.57 U	< 0.57 U	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	0.07	µg/L	< 0.59 U	< 0.59 U	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	5	µg/L	< 0.50 U	< 0.50 U	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	5	µg/L	< 0.50 U	< 0.50 U	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-Chloropropane	0.04	µg/L	< 0.53 U	< 0.53 U	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	µg/L	< 0.48 U	< 0.48 U	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	3	µg/L	< 0.53 U	< 0.53 U	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.6	µg/L	< 0.60 U	< 0.60 U	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	1	µg/L	< 0.51 U	< 0.51 U	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	3	µg/L	< 0.54 U	< 0.54 U	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	3	µg/L	< 0.51 U	< 0.51 U	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	50	µg/L	< 4.8 U	< 4.8 U	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	50	µg/L	< 3.1 U	< 3.1 U	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	1	µg/L	< 0.43 U	< 0.43 U	NA	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	5	µg/L	< 0.48 U	< 0.48 U	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	50	µg/L	< 0.45 U	< 0.45 U	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	50	µg/L	< 0.63 U	< 0.63 U	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	5	µg/L	< 1.6 U	< 1.6 U	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	60	µg/L	< 1.8 U	< 1.8 U	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.4	µg/L	< 0.55 U	< 0.55 U	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	5	µg/L	< 0.56 U	< 0.56 U	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	5	µg/L	< 0.73 U	< 0.73 U	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	7	µg/L	< 0.50 U	< 0.50 U	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane (Methyl Chloride)	5	µg/L	< 0.76 U	< 0.76 U	NA	NA	NA	NA	NA	NA	NA	NA
Cis-1,2-Dichloroethylene	5	µg/L	< 0.51 U	< 0.51 U	NA	NA	NA	NA	NA	NA	NA	NA
Cis-1,3-Dichloropropene	0.4	µg/L	< 0.47 U	< 0.47 U	NA	NA	NA	NA	NA	NA	NA	NA
Cyclohexane	NSL	µg/L	< 0.78 U	< 0.78 U	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	50	µg/L	< 0.56 U	< 0.56 U	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	5	µg/L	< 0.56 U	< 0.56 U	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	5	µg/L	< 0.60 U	< 0.60 U	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene (Cumene)	5	µg/L	< 0.65 U	< 0.65 U	NA	NA	NA	NA	NA	NA	NA	NA
M,P-Xylene (Sum Of Isomers)	NSL	µg/L	< 0.78 U	< 0.78 U	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Acetate	NSL	µg/L	< 0.80 U	< 0.80 U	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	< 2.7 U	< 2.7 U	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	< 4.9 U	< 4.9 U	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NSL	µg/L	< 0.60 U	< 0.60 U	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	5	µg/L	< 1.0 U	< 1.0 U	NA	NA	NA	NA	NA	NA	NA	NA
O-Xylene (1,2-Dimethylbenzene)	NSL	µg/L	< 0.59 U	< 0.59 U	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	5	µg/L	< 0.49 U	< 0.49 U	NA	NA	NA	NA	NA	NA	NA	NA
Tert-Butyl Methyl Ether	NSL	µg/L	< 0.51 U	< 0.51 U	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene (PCE)	0.7	µg/L	< 0.56 U	< 0.56 U	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	5	µg/L	< 0.49 U	< 0.49 U	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	5	µg/L	< 0.54 U	< 0.54 U	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,3-Dichloropropene	0.4	µg/L	< 0.43 U	< 0.43 U	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethylene (TCE)	5	µg/L	< 0.53 U	< 0.53 U	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	5	µg/L	< 0.40 U	< 0.40 U	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	0.3	µg/L	< 0.52 U	< 0.52 U	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes	5	µg/L	< 0.59 U	< 0.59 U	NA	NA	NA	NA	NA	NA	NA	NA

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Concentrations exceeding the screening level are bolded and shaded gray.

Table 4. Summary of Surface Water COC Concentrations and Exceedances (May 2025 and Historical)

Location			SWSED-402	SWSED-402	SW-402	SW-403	SW-403	SW-403	SW-403	SW-403	SW-403	SWSED-403
Sample Name			516008-SW-402	516008-SW-402	516008-SW-402-20250506	SW-403	SW-403	SW-403	SW-403	SW-403	SW-403	516008-SW-403
Parent Sample Name												
Sample Date			10/31/2023	8/1/2024	5/6/2025	7/21/2020	11/18/2020	2/23/2021	6/8/2021	10/20/2021	7/28/2022	9/6/2023
Analyte	NYSDEC SW[1]	Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
SVOCs (SW8270)												
1,4-Dioxane (P-Dioxane)	0.35	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	< 0.032 U	NA
2-Methylnaphthalene	NSL	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	NSL	µg/L	< 0.19 U	< 0.61 U	< 0.61 U	< 0.014 U	< 0.41 U	0.024 J	< 0.014 U	< 0.014 U	< 0.019 UJ	< 0.19 U
Acenaphthylene	NSL	µg/L	< 0.14 U	< 0.42 U	< 0.42 U	< 0.015 U	< 0.38 U	< 0.015 U	< 0.015 U	< 0.015 U	< 0.015 UJ	< 0.14 U
Anthracene	50	µg/L	< 0.21 U	< 0.56 U	< 0.56 U	< 0.0092 U	< 0.28 U	< 0.025 U	< 0.025 U	< 0.025 U	< 0.012 UJ	< 0.22 U
Benzo(A)Anthracene	0.002	µg/L	< 0.21 U	< 0.51 U	< 0.51 U	< 0.016 U	< 0.36 U	< 0.016 U	< 0.016 U	**0.02 J**	< 0.014 UJ	< 0.21 U
Benzo(A)Pyrene	0.002	µg/L	< 0.22 U	< 0.63 U	< 0.63 U	< 0.022 U	< 0.47 U	< 0.022 U	< 0.022 U	**0.029 J**	< 0.014 UJ	< 0.22 U
Benzo(B)Fluoranthene	0.002	µg/L	< 0.21 U	< 0.57 U	< 0.57 U	< 0.024 U	< 0.34 U	**0.038 J**	< 0.024 U	**0.043 J**	< 0.015 UJ	< 0.21 U
Benzo(G,H,I)Perylene	NSL	µg/L	< 0.34 U	< 0.64 U	< 0.64 U	< 0.035 U	< 0.35 U	0.036 J+	< 0.035 U	< 0.035 U	< 0.017 UJ	< 0.35 U
Benzo(K)Fluoranthene	0.002	µg/L	< 0.21 U	< 0.48 U	< 0.48 U	< 0.028 U	< 0.73 U	< 0.028 U	< 0.028 U	< 0.028 U	< 0.012 UJ	< 0.21 U
Chrysene	0.002	µg/L	< 0.18 U	< 0.52 U	< 0.52 U	< 0.030 U	< 0.33 U	**0.047 J**	< 0.030 U	**0.031 J**	< 0.013 UJ	< 0.18 U
Dibenz(A,H)Anthracene	NSL	µg/L	< 0.33 U	< 0.50 U	< 0.50 U	< 0.020 U	< 0.42 U	< 0.020 U	< 0.020 U	< 0.020 U	< 0.018 UJ	< 0.34 U
Fluoranthene	50	µg/L	< 0.17 U	< 0.58 U	< 0.58 U	< 0.039 U	< 0.4 U	0.067	< 0.039 U	0.066	< 0.013 UJ	< 0.17 U
Fluorene	50	µg/L	< 0.17 U	< 0.59 U	< 0.59 U	< 0.012 U	< 0.36 U	0.012 J	< 0.012 U	< 0.012 U	< 0.016 UJ	< 0.17 U
Indeno(1,2,3-C,D)Pyrene	0.002	µg/L	< 0.34 U	< 0.64 U	< 0.64 U	< 0.036 U	< 0.47 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.017 UJ	< 0.34 U
Naphthalene	NSL	µg/L	< 0.23 U	< 0.44 U	< 0.44 U	< 0.12 U	< 0.76 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.026 UJ	< 0.24 U
Phenanthrene	50	µg/L	< 0.18 U	< 0.48 U	< 0.48 U	0.022 J	< 0.44 U	0.028 J	< 0.022 U	0.1	< 0.015 UJ	< 0.18 U
Pyrene	50	µg/L	< 0.22 U	< 0.50 U	< 0.50 U	< 0.031 U	< 0.34 U	0.068	< 0.031 U	0.059	< 0.014 UJ	< 0.22 U
VOCs (SW8260)												
1,1,1-Trichloroethane (TCA)	5	µg/L	NA	NA	< 0.54 U	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	0.2	µg/L	NA	NA	< 0.65 U	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	NA	NA	< 0.58 U	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	1	µg/L	NA	NA	< 0.53 U	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	5	µg/L	NA	NA	< 0.57 U	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	0.07	µg/L	NA	NA	< 0.59 U	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	5	µg/L	NA	NA	< 0.50 U	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	5	µg/L	NA	NA	< 0.50 U	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-Chloropropane	0.04	µg/L	NA	NA	< 0.53 U	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	µg/L	NA	NA	< 0.48 U	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	3	µg/L	NA	NA	< 0.53 U	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.6	µg/L	NA	NA	< 0.60 U	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	1	µg/L	NA	NA	< 0.51 U	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	3	µg/L	NA	NA	< 0.54 U	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	3	µg/L	NA	NA	< 0.51 U	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	50	µg/L	NA	NA	< 4.8 U	NA	NA	NA	NA	NA	NA	NA
Acetone	50	µg/L	NA	NA	< 3.1 U	NA	NA	NA	NA	NA	NA	NA
Benzene	1	µg/L	NA	NA	< 0.43 U	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	5	µg/L	NA	NA	< 0.48 U	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	50	µg/L	NA	NA	< 0.45 U	NA	NA	NA	NA	NA	NA	NA
Bromoform	50	µg/L	NA	NA	< 0.63 U	NA	NA	NA	NA	NA	NA	NA
Bromomethane	5	µg/L	NA	NA	< 1.6 U	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	60	µg/L	NA	NA	< 1.8 U	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.4	µg/L	NA	NA	< 0.55 U	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	5	µg/L	NA	NA	< 0.56 U	NA	NA	NA	NA	NA	NA	NA
Chloroethane	5	µg/L	NA	NA	< 0.73 U	NA	NA	NA	NA	NA	NA	NA
Chloroform	7	µg/L	NA	NA	< 0.50 U	NA	NA	NA	NA	NA	NA	NA
Chloromethane (Methyl Chloride)	5	µg/L	NA	NA	< 0.76 U	NA	NA	NA	NA	NA	NA	NA
Cis-1,2-Dichloroethylene	5	µg/L	NA	NA	< 0.51 U	NA	NA	NA	NA	NA	NA	NA
Cis-1,3-Dichloropropene	0.4	µg/L	NA	NA	< 0.47 U	NA	NA	NA	NA	NA	NA	NA
Cyclohexane	NSL	µg/L	NA	NA	< 0.78 U	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	50	µg/L	NA	NA	< 0.56 U	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	5	µg/L	NA	NA	< 0.56 U	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	5	µg/L	NA	NA	< 0.60 U	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene (Cumene)	5	µg/L	NA	NA	< 0.65 U	NA	NA	NA	NA	NA	NA	NA
M,P-Xylene (Sum Of Isomers)	NSL	µg/L	NA	NA	< 0.78 U	NA	NA	NA	NA	NA	NA	NA
Methyl Acetate	NSL	µg/L	NA	NA	< 0.80 U	NA	NA	NA	NA	NA	NA	NA
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	NA	NA	< 2.7 U	NA	NA	NA	NA	NA	NA	NA
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	NA	NA	< 4.9 U	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NSL	µg/L	NA	NA	< 0.60 U	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	5	µg/L	NA	NA	< 1.0 U	NA	NA	NA	NA	NA	NA	NA
O-Xylene (1,2-Dimethylbenzene)	NSL	µg/L	NA	NA	< 0.59 U	NA	NA	NA	NA	NA	NA	NA
Styrene	5	µg/L	NA	NA	< 0.49 U	NA	NA	NA	NA	NA	NA	NA
Tert-Butyl Methyl Ether	NSL	µg/L	NA	NA	< 0.51 U	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene (PCE)	0.7	µg/L	NA	NA	< 0.56 U	NA	NA	NA	NA	NA	NA	NA
Toluene	5	µg/L	NA	NA	< 0.49 U	NA	NA	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	5	µg/L	NA	NA	< 0.54 U	NA	NA	NA	NA	NA	NA	NA
Trans-1,3-Dichloropropene	0.4	µg/L	NA	NA	< 0.43 U	NA	NA	NA	NA	NA	NA	NA
Trichloroethylene (TCE)	5	µg/L	NA	NA	< 0.53 U	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	5	µg/L	NA	NA	< 0.40 U	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	0.3	µg/L	NA	NA	< 0.52 U	NA	NA	NA	NA	NA	NA	NA
Xylenes	5	µg/L	NA	NA	< 0.59 U	NA	NA	NA	NA	NA	NA	NA

Notes:

[1]NYSDEC Class A Surface Water (Standard/Guidance Values) (6 NYCRR Part 703.5 Water Quality Regulations, as presented in the Division of Water Technical and Operational Guidance Series 1.1.1, 1998, as amended).

µg/L = Microgram(s) per liter

J = Concentration is estimated

J+ = Concentration is estimated (biased high).

NA = Not analyzed

NSL = No screening level

SVOCs = Semivolatile organic compounds

U = Analyte not detected

Concentrations exceeding the screening level are bolded and shaded gray.

Table 4. Summary of Surface Water COC Concentrations and Exceedances (May 2025 and Historical

Location			SWSED-403	SWSED-403	SWSED-403	SWSED-403	SW-403
Sample Name			516008-SW-403	516008-SW-403	516008-SW-403	516008-FD-SW	516008-SW-403-20250506
Parent Sample Name						516008-SW-403_20240801	
Sample Date			5/31/2023	10/31/2023	8/1/2024	8/1/2024	5/6/2025
Analyte	NYSDEC SW[1]	Unit	Result	Result	Result	Result	Result
SVOCs (SW8270)							
1,4-Dioxane (P-Dioxane)	0.35	µg/L	NA	NA	NA	NA	NA
2-Methylnaphthalene	NSL	µg/L	< 0.66 U	NA	NA	NA	NA
Acenaphthene	NSL	µg/L	< 0.52 U	< 0.19 U	< 0.61 U	< 0.61 U	< 0.61 U
Acenaphthylene	NSL	µg/L	< 0.54 U	< 0.14 U	< 0.42 U	< 0.42 U	< 0.42 U
Anthracene	50	µg/L	< 0.48 U	< 0.21 U	< 0.56 U	< 0.56 U	< 0.56 U
Benzo(A)Anthracene	0.002	µg/L	< 0.45 U	< 0.20 U	< 0.51 U	< 0.51 U	< 0.51 U
Benzo(A)Pyrene	0.002	µg/L	< 0.68 U	< 0.21 U	< 0.63 U	< 0.63 U	< 0.63 U
Benzo(B)Fluoranthene	0.002	µg/L	< 0.53 U	< 0.21 U	< 0.57 U	< 0.57 U	< 0.57 U
Benzo(G,H,I)Perylene	NSL	µg/L	< 0.66 UJ	< 0.34 U	< 0.64 U	< 0.64 U	< 0.64 U
Benzo(K)Fluoranthene	0.002	µg/L	< 0.61 U	< 0.21 U	< 0.48 U	< 0.48 U	< 0.48 U
Chrysene	0.002	µg/L	< 0.43 U	< 0.18 U	< 0.52 U	< 0.52 U	< 0.52 U
Dibenz(A,H)Anthracene	NSL	µg/L	< 0.72 UJ	< 0.33 U	< 0.50 U	< 0.50 U	< 0.50 U
Fluoranthene	50	µg/L	< 0.47 U	< 0.17 U	< 0.58 U	< 0.58 U	< 0.58 U
Fluorene	50	µg/L	< 0.52 U	< 0.17 U	< 0.59 U	< 0.59 U	< 0.59 U
Indeno(1,2,3-C,D)Pyrene	0.002	µg/L	< 0.76 UJ	< 0.33 U	< 0.64 U	< 0.64 U	< 0.64 U
Naphthalene	NSL	µg/L	< 0.58 U	< 0.23 U	< 0.44 U	< 0.44 U	< 0.44 U
Phenanthrene	50	µg/L	< 0.5 U	< 0.18 U	< 0.48 U	< 0.48 U	< 0.48 U
Pyrene	50	µg/L	< 0.64 U	< 0.22 U	< 0.50 U	< 0.50 U	< 0.50 U
VOCs (SW8260)							
1,1,1-Trichloroethane (TCA)	5	µg/L	NA	NA	NA	NA	< 0.54 U
1,1,2,2-Tetrachloroethane	0.2	µg/L	NA	NA	NA	NA	< 0.65 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	µg/L	NA	NA	NA	NA	< 0.58 U
1,1,2-Trichloroethane	1	µg/L	NA	NA	NA	NA	< 0.53 U
1,1-Dichloroethane	5	µg/L	NA	NA	NA	NA	< 0.57 U
1,1-Dichloroethene	0.07	µg/L	NA	NA	NA	NA	< 0.59 U
1,2,3-Trichlorobenzene	5	µg/L	NA	NA	NA	NA	< 0.50 U
1,2,4-Trichlorobenzene	5	µg/L	NA	NA	NA	NA	< 0.50 U
1,2-Dibromo-3-Chloropropane	0.04	µg/L	NA	NA	NA	NA	< 0.53 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	µg/L	NA	NA	NA	NA	< 0.48 U
1,2-Dichlorobenzene	3	µg/L	NA	NA	NA	NA	< 0.53 U
1,2-Dichloroethane	0.6	µg/L	NA	NA	NA	NA	< 0.60 U
1,2-Dichloropropane	1	µg/L	NA	NA	NA	NA	< 0.51 U
1,3-Dichlorobenzene	3	µg/L	NA	NA	NA	NA	< 0.54 U
1,4-Dichlorobenzene	3	µg/L	NA	NA	NA	NA	< 0.51 U
2-Hexanone	50	µg/L	NA	NA	NA	NA	< 4.8 U
Acetone	50	µg/L	NA	NA	NA	NA	< 3.1 U
Benzene	1	µg/L	NA	NA	NA	NA	< 0.43 U
Bromochloromethane	5	µg/L	NA	NA	NA	NA	< 0.48 U
Bromodichloromethane	50	µg/L	NA	NA	NA	NA	< 0.45 U
Bromoform	50	µg/L	NA	NA	NA	NA	< 0.63 U
Bromomethane	5	µg/L	NA	NA	NA	NA	< 1.6 U
Carbon Disulfide	60	µg/L	NA	NA	NA	NA	< 1.8 U
Carbon Tetrachloride	0.4	µg/L	NA	NA	NA	NA	< 0.55 U
Chlorobenzene	5	µg/L	NA	NA	NA	NA	< 0.56 U
Chloroethane	5	µg/L	NA	NA	NA	NA	< 0.73 U
Chloroform	7	µg/L	NA	NA	NA	NA	< 0.50 U
Chloromethane (Methyl Chloride)	5	µg/L	NA	NA	NA	NA	< 0.76 U
Cis-1,2-Dichloroethylene	5	µg/L	NA	NA	NA	NA	< 0.51 U
Cis-1,3-Dichloropropene	0.4	µg/L	NA	NA	NA	NA	< 0.47 U
Cyclohexane	NSL	µg/L	NA	NA	NA	NA	< 0.78 U
Dibromochloromethane	50	µg/L	NA	NA	NA	NA	< 0.56 U
Dichlorodifluoromethane	5	µg/L	NA	NA	NA	NA	< 0.56 U
Ethylbenzene	5	µg/L	NA	NA	NA	NA	< 0.60 U
Isopropylbenzene (Cumene)	5	µg/L	NA	NA	NA	NA	< 0.65 U
M,P-Xylene (Sum Of Isomers)	NSL	µg/L	NA	NA	NA	NA	< 0.78 U
Methyl Acetate	NSL	µg/L	NA	NA	NA	NA	< 0.80 U
Methyl Ethyl Ketone (2-Butanone)	50	µg/L	NA	NA	NA	NA	< 2.7 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/L	NA	NA	NA	NA	< 4.9 U
Methylcyclohexane	NSL	µg/L	NA	NA	NA	NA	< 0.60 U
Methylene Chloride	5	µg/L	NA	NA	NA	NA	< 1.0 U
O-Xylene (1,2-Dimethylbenzene)	NSL	µg/L	NA	NA	NA	NA	< 0.59 U
Styrene	5	µg/L	NA	NA	NA	NA	< 0.49 U
Tert-Butyl Methyl Ether	NSL	µg/L	NA	NA	NA	NA	< 0.51 U
Tetrachloroethylene (PCE)	0.7	µg/L	NA	NA	NA	NA	< 0.56 U
Toluene	5	µg/L	NA	NA	NA	NA	< 0.49 U
Trans-1,2-Dichloroethene	5	µg/L	NA	NA	NA	NA	< 0.54 U
Trans-1,3-Dichloropropene	0.4	µg/L	NA	NA	NA	NA	< 0.43 U
Trichloroethylene (TCE)	5	µg/L	NA	NA	NA	NA	< 0.53 U
Trichlorofluoromethane	5	µg/L	NA	NA	NA	NA	< 0.40 U
Vinyl Chloride	0.3	µg/L	NA	NA	NA	NA	< 0.52 U
Xylenes	5	µg/L	NA	NA	NA	NA	< 0.59 U

Notes:

[1]NYSDEC Class A Surface Water (Standard/Guidance Values) (6 NYCRR Part 703.5 Water Quality Regulations, as presented in the Division of Water Technical and Operational Guidance Series 1.1.1, 1998, as amended).

µg/L = Microgram(s) per liter

J = Concentration is estimated

J+ = Concentration is estimated (biased high).

NA = Not analyzed

NSL = No screening level

SVOCs = Semivolatile organic compounds

U = Analyte not detected

Concentrations exceeding the screening level are bolded and shaded gray.

Table 5. Summary of Sediment COC Concentrations and Exceedances (May 2025 and Historical)

		Location ID	SD-400	SD-400	SD-400	SD-400	SWSED-400	SWSED-400	SWSED-400	SD-400	SD-401
		Sample Name	SD-400	SD-400	SD-400	SD-400	516008-SD-400	516008-SD-400	516008-SD-400	516008-SD-400-20250506	SD-401
		Parent Sample Name									
		Sample Date	7/20/2020	11/19/2020	10/20/2021	7/28/2022	5/30/2023	9/6/2023	8/1/2024	5/6/2025	7/20/2020
Analyte	NYSDEC Class A[1]	Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result
SVOCs (SW8270)											
2-Methylnaphthalene	NSL	mg/kg	NA	NA	NA	NA	< 0.084 U	NA	NA	NA	NA
Acenaphthene	NSL	mg/kg	< 0.38 U	< 0.2 U	< 0.017 U	< 0.093 U	< 0.082 U	< 0.015 U	0.0292 J	< 0.014 U	< 0.26 U
Acenaphthylene	NSL	mg/kg	< 0.33 U	< 0.17 U	0.051 J	< 0.092 U	< 0.084 U	< 0.021 U	0.0408 J	0.0377 J	< 0.23 U
Anthracene	NSL	mg/kg	< 0.64 U	< 0.33 U	0.071 J	< 0.093 U	< 0.083 U	< 0.026 U	0.0345 J	< 0.025 U	< 0.44 U
Benzo(A)Anthracene	NSL	mg/kg	< 0.26 U	< 0.13 U	0.087	< 0.082 U	< 0.078 U	0.0471	0.062	0.0553	< 0.18 U
Benzo(A)Pyrene	NSL	mg/kg	< 0.38 U	< 0.2 U	0.083 J	0.083 J	< 0.071 U	0.0455	0.0898	0.0741	< 0.26 U
Benzo(B)Fluoranthene	NSL	mg/kg	< 0.41 U	< 0.21 U	0.14 J	0.11 J	< 0.072 U	0.0638	0.119	0.07	< 0.28 U
Benzo(G,H,I)Perylene	NSL	mg/kg	< 0.27 U	< 0.14 U	0.17 J	< 0.099 U	< 0.09 U	0.0404 J	0.084	0.0566	< 0.19 U
Benzo(K)Fluoranthene	NSL	mg/kg	< 0.33 U	< 0.17 U	0.047 J	< 0.079 U	< 0.078 U	0.0252 J	0.0352 J	0.0195 J	< 0.23 U
Chrysene	NSL	mg/kg	< 0.57 U	< 0.3 U	0.1 J	0.089 J	< 0.078 U	0.0557	0.0807	0.0576	< 0.4 U
Dibenz(A,H)Anthracene	NSL	mg/kg	< 0.45 U	< 0.24 U	0.043 J	< 0.091 U	< 0.083 U	< 0.019 U	0.0287 J	< 0.018 U	< 0.31 U
Fluoranthene	NSL	mg/kg	< 0.27 U	0.23 J	0.15 J	0.13 J	< 0.077 U	0.0595	0.11	0.0402 J	< 0.19 U
Fluorene	NSL	mg/kg	< 0.3 U	< 0.16 U	0.0088 J	< 0.093 U	< 0.084 U	< 0.019 U	0.0299 J	< 0.019 U	< 0.21 U
Indeno(1,2,3-C,D)Pyrene	NSL	mg/kg	< 0.32 U	< 0.17 U	0.15	< 0.1 U	< 0.094 U	0.0528	0.0627	0.0297 J	< 0.22 U
Naphthalene	NSL	mg/kg	< 0.33 U	< 0.17 U	< 0.01 U	< 0.091 U	< 0.086 U	0.128	0.0282 J	< 0.012 U	< 0.23 U
Phenanthrene	NSL	mg/kg	< 0.38 U	< 0.2 U	0.064 J	< 0.093 U	< 0.084 U	0.0241 J	0.0788	< 0.014 U	< 0.26 U
Pyrene	NSL	mg/kg	< 0.3 U	< 0.16 U	0.16 J	0.14 J	< 0.086 U	0.0847	0.132	0.0837	< 0.21 U
Sum of PAHs	4	mg/kg	ND	0.23	1.32	0.55	ND	0.63	1.05	0.52	ND
VOCs (SW8260)											
1,1,1-Trichloroethane (TCA)	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 0.55 U	NA
1,1,2,2-Tetrachloroethane	2800	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 0.69 U	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 3.1 U	NA
1,1,2-Trichloroethane	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 0.64 U	NA
1,1-Dichloroethane	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 0.57 U	NA
1,1-Dichloroethene	520	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 0.75 U	NA
1,2,3-Trichlorobenzene	230	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 2.9 U	NA
1,2,4-Trichlorobenzene	35000	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 2.9 U	NA
1,2-Dibromo-3-Chloropropane	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 0.80 U	NA
1,2-Dibromoethane (Ethylene Dibromide)	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 0.48 U	NA
1,2-Dichlorobenzene	280	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 0.63 U	NA
1,2-Dichloroethane	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 0.54 U	NA
1,2-Dichloropropane	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 0.54 U	NA
1,3-Dichlorobenzene	1800	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 0.57 U	NA
1,4-Dichlorobenzene	720	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 0.57 U	NA
2-Hexanone	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 2.4 U	NA
Acetone	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 4.8 U	NA
Benzene	530	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 0.52 U	NA
Bromochloromethane	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 0.64 U	NA
Bromodichloromethane	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 0.49 U	NA
Bromoform	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 1.6 U	NA
Bromomethane	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 0.88 U	NA
Carbon Disulfide	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 0.61 U	NA
Carbon Tetrachloride	1070	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 0.71 U	NA
Chlorobenzene	200	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 0.53 U	NA
Chloroethane	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 0.68 U	NA
Chloroform	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 1.1 U	NA
Chloromethane (Methyl Chloride)	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 2.3 U	NA
cis -1,2-Dichloroethylene	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 0.96 U	NA
cis -1,3-Dichloropropene	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 0.55 U	NA
Cyclohexane	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 0.75 U	NA
Dibromochloromethane	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 0.64 U	NA
Dichlorodifluoromethane	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 0.83 U	NA
Ethylbenzene	430	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 0.52 U	NA
Isopropylbenzene (Cumene)	210	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 1.6 U	NA
M,P-Xylene (Sum Of Isomers)	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 1.0 U	NA
Methyl Acetate	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 1.6 U	NA
Methyl Ethyl Ketone (2-Butanone)	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 2.8 U	NA
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 2.6 U	NA
Methylcyclohexane	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 1.0 U	NA
Methylene Chloride	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 3.0 U	NA
O-Xylene (1,2-Dimethylbenzene)	820	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 0.53 U	NA
Styrene	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 0.46 U	NA
Tert-Butyl Methyl Ether	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 0.54 U	NA
Tetrachloroethylene (PCE)	16000	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 0.67 U	NA
Toluene	930	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 0.60 U	NA
trans -1,2-Dichloroethene	1200	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 0.70 U	NA
trans -1,3-Dichloropropene	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 0.52 U	NA
Trichloroethylene (TCE)	1800	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 0.87 U	NA
Trichlorofluoromethane	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 0.79 U	NA
Vinyl Chloride	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 0.55 U	NA
Xylenes	590	µg/kg	NA	NA	NA	NA	NA	NA	NA	< 0.53 U	NA
Percent Solids (SM2540G)											
Solids, Percent	NSL	%	64.5	63	54.6	73.9	78.9	76.4	60.4	76.4	91.3
Percent Moisture (D2216)											
Moisture, Percent	NSL	%	35.5	36	45.4	NA	NA	NA	NA	NA	8.7

Notes:

[1]NYSDEC Class A Freshwater Sediment Standards (Screening and Assessment of Contaminated Sediment, 24 June 2014).
µg/kg = Microgram(s) per kilogram
mg/kg = Milligram(s) per kilogram
B = Analyte detected in associated blank, as well as sample
J = Concentration is estimated
NA = Not analyzed
ND = Not detected
NSL = No screening level available
PAH = Polycyclic aromatic hydrocarbon
SVOC = Semivolatile organic compound
U = Analyte not detected
Concentrations exceeding the screening level are bolded and shaded gray.

Table 5. Summary of Sediment COC Concentrations and Exceedances (May 2025 and Historical)

		Location ID	SD-401	SD-401	SD-401	SD-401	SD-401	SD-401	SD-401	SD-401	SD-401
		Sample Name	SD-401D	SD-401	SD-401D	SD-401	SD-401D	SD-401	SD-401D	SD-401	SD-401D
		Parent Sample Name	SD-401_07_20_2020		SD-401_11_19_2020		SD-401_06_08_2021		SD-401_10_20_2021		SD-401_07_28_2022
		Sample Date	7/20/2020	11/19/2020	11/19/2020	6/8/2021	6/8/2021	10/20/2021	10/20/2021	7/28/2022	7/28/2022
Analyte	**NYSDEC Class A[1]**	**Unit**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
SVOCs (SW8270)											
2-Methylnaphthalene	NSL	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	NSL	mg/kg	< 0.14 U	< 0.032 U	< 0.032 U	< 0.011 U	< 0.011 U	< 0.01 U	< 0.011 U	< 0.076 U	< 0.078 U
Acenaphthylene	NSL	mg/kg	< 0.12 U	< 0.028 U	< 0.028 U	0.013 J	< 0.0039 U	0.01 J	0.0089 J	< 0.074 U	< 0.076 U
Anthracene	NSL	mg/kg	< 0.23 U	< 0.053 U	< 0.054 U	0.015 J	0.012 J	0.013 J	0.014 J	< 0.076 U	< 0.077 U
Benzo(A)Anthracene	NSL	mg/kg	< 0.092 U	< 0.021 U	< 0.022 U	0.07	0.052	< 0.013 U	< 0.014 U	< 0.066 U	< 0.068 U
Benzo(A)Pyrene	NSL	mg/kg	< 0.14 U	0.041 J	< 0.032 U	0.078 J	0.068 J	< 0.0098 U	< 0.01 U	< 0.064 U	< 0.066 U
Benzo(B)Fluoranthene	NSL	mg/kg	< 0.15 U	0.04 J	< 0.035 U	0.1	0.1	< 0.0095 U	< 0.01 U	< 0.066 U	< 0.067 U
Benzo(G,H,I)Perylene	NSL	mg/kg	< 0.097 U	0.037 J	< 0.023 U	0.061 J	0.043 J	< 0.011 U	< 0.011 U	< 0.08 U	< 0.082 U
Benzo(K)Fluoranthene	NSL	mg/kg	< 0.12 U	< 0.028 U	< 0.028 U	0.033 J	0.037 J	< 0.0072 U	< 0.0076 U	< 0.064 U	< 0.065 U
Chrysene	NSL	mg/kg	< 0.21 U	< 0.048 U	< 0.049 U	0.088 J	0.088 J	< 0.0062 U	< 0.0066 U	< 0.069 U	< 0.07 U
Dibenz(A,H)Anthracene	NSL	mg/kg	< 0.16 U	< 0.038 U	< 0.039 U	< 0.016 U	< 0.017 U	< 0.016 U	< 0.017 U	< 0.074 U	< 0.076 U
Fluoranthene	NSL	mg/kg	< 0.097 U	0.034 J	< 0.023 U	0.13 J	0.13 J	< 0.013 U	< 0.014 U	< 0.069 U	< 0.071 U
Fluorene	NSL	mg/kg	< 0.11 U	< 0.025 U	< 0.026 U	< 0.0051 U	< 0.0053 U	< 0.0050 U	< 0.0053 U	< 0.076 U	< 0.077 U
Indeno(1,2,3-C,D)Pyrene	NSL	mg/kg	< 0.11 U	< 0.026 U	< 0.027 U	0.069	0.061	< 0.014 U	< 0.015 U	< 0.085 U	< 0.087 U
Naphthalene	NSL	mg/kg	< 0.12 U	< 0.028 U	< 0.028 U	< 0.0065 U	< 0.0067 U	< 0.0064 U	< 0.0067 U	< 0.074 U	< 0.076 U
Phenanthrene	NSL	mg/kg	< 0.14 U	< 0.032 U	< 0.032 U	0.07 J	0.047 J	< 0.0065 U	< 0.0069 U	< 0.076 U	< 0.077 U
Pyrene	NSL	mg/kg	< 0.11 U	0.034 J	< 0.026 U	0.13 J	0.11 J	< 0.0091 U	< 0.0097 U	< 0.073 U	< 0.075 U
Sum of PAHs	4	mg/kg	ND	0.19	ND	0.86	0.75	0.02	0.02	ND	ND
VOCs (SW8260)											
1,1,1-Trichloroethane (TCA)	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	2800	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	520	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	230	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	35000	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-Chloropropane	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane (Ethylene Dibromide)	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	280	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	1800	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	720	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	530	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	1070	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	200	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane (Methyl Chloride)	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis -1,2-Dichloroethylene	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis -1,3-Dichloropropene	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyclohexane	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	430	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene (Cumene)	210	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
M,P-Xylene (Sum Of Isomers)	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Acetate	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Ethyl Ketone (2-Butanone)	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
O-Xylene (1,2-Dimethylbenzene)	820	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tert-Butyl Methyl Ether	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene (PCE)	16000	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	930	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans -1,2-Dichloroethene	1200	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans -1,3-Dichloropropene	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethylene (TCE)	1800	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	NSL	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes	590	µg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Percent Solids (SM2540G)											
Solids, Percent	NSL	%	90.7	78	77	87.5	85.4	90	84.8	90.9	88.8
Percent Moisture (D2216)											
Moisture, Percent	NSL	%	9.3	21	22	12.5	14.6	10	15.2	NA	NA

Notes:

[1]NYSDEC Class A Freshwater Sediment Standards (Screening and Assessment of Contaminated Sediment, 24 June 2014).
µg/kg = Microgram(s) per kilogram
mg/kg = Milligram(s) per kilogram
B = Analyte detected in associated blank, as well as sample
J = Concentration is estimated
NA = Not analyzed
ND = Not detected
NSL = No screening level available
PAH = Polycyclic aromatic hydrocarbon
SVOC = Semivolatile organic compound
U = Analyte not detected
Concentrations exceeding the screening level are bolded and shaded gray.

Table 5. Summary of Sediment COC Concentrations and Exceedances (May 2025 and Historical)

Location ID Sample Name Parent Sample Name Sample Date			SWSED-401 516008-SD-401 5/31/2023	SWSED-401 516008-FD-SD 516008-SD-401_20230531 5/31/2023	SWSED-401 516008-SD-401 9/6/2023	SWSED-401 516008-FD-01-SD 516008-SD-401_20230906 9/6/2023	SWSED-401 516008-SD-401 8/1/2024	SWSED-401 516008-FD-SD 516008-SD-401_20240801 8/1/2024	SD-401 516008-SD-401-20250506 5/6/2025	SD-401 516008-FD-SD-20250506 516008-SD-401-20250506 5/6/2025	SD-402 SD-402 7/20/2020
Analyte	**NYSDEC Class A[1]**	**Unit**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
SVOCs (SW8270)											
2-Methylnaphthalene	NSL	mg/kg	< 0.081 U	< 0.078 U	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	NSL	mg/kg	< 0.079 U	< 0.076 U	< 0.014 UJ	0.0916 J	< 0.013 U	< 0.013 U	< 0.012 U	< 0.013 U	< 0.14 U
Acenaphthylene	NSL	mg/kg	< 0.081 U	< 0.078 U	< 0.021 U	< 0.019 U	< 0.019 U	< 0.019 U	< 0.018 U	< 0.019 U	< 0.12 U
Anthracene	NSL	mg/kg	< 0.08 U	< 0.077 U	< 0.025 U	0.0373 J	< 0.022 U	< 0.023 U	< 0.022 U	< 0.022 U	< 0.24 U
Benzo(A)Anthracene	NSL	mg/kg	< 0.074 U	< 0.072 U	0.0147 J	0.0268 J	0.0232 J	0.0167 J	< 0.01 U	< 0.01 U	< 0.096 U
Benzo(A)Pyrene	NSL	mg/kg	< 0.068 U	< 0.066 U	< 0.019 U	0.0176 J	0.0804	< 0.017 U	< 0.016 U	< 0.017 U	< 0.14 U
Benzo(B)Fluoranthene	NSL	mg/kg	< 0.069 U	< 0.067 U	0.0267 J	0.0284 J	0.105	0.0286 J	< 0.016 U	< 0.016 U	< 0.15 U
Benzo(G,H,I)Perylene	NSL	mg/kg	< 0.086 U	< 0.083 U	< 0.02 U	0.0210 J	0.04	0.0345 J	< 0.018 U	< 0.018 U	< 0.1 U
Benzo(K)Fluoranthene	NSL	mg/kg	< 0.074 U	< 0.072 U	< 0.019 U	< 0.018 U	0.0343 J	< 0.017 U	< 0.017 U	< 0.017 U	< 0.12 U
Chrysene	NSL	mg/kg	< 0.074 U	< 0.072 U	0.0183 J	0.0273 J	0.0396	0.0238 J	< 0.011 U	< 0.012 U	< 0.21 U
Dibenz(A,H)Anthracene	NSL	mg/kg	< 0.08 U	< 0.077 U	< 0.018 U	< 0.017 U	0.0203 J	< 0.016 U	< 0.016 U	< 0.016 U	< 0.17 U
Fluoranthene	NSL	mg/kg	< 0.074 U	< 0.071 U	0.0311 J	0.113 J	0.0206 J	0.0299 J	< 0.016 U	< 0.016 U	0.17 J
Fluorene	NSL	mg/kg	< 0.08 U	< 0.077 U	< 0.019 UJ	0.0906 J	< 0.017 U	< 0.017 U	< 0.016 U	< 0.017 U	< 0.11 U
Indeno(1,2,3-C,D)Pyrene	NSL	mg/kg	< 0.09 U	< 0.087 U	0.0356 J	0.0329 J	0.0415	< 0.017 U	< 0.017 U	< 0.017 U	< 0.12 U
Naphthalene	NSL	mg/kg	< 0.083 U	< 0.079 U	0.104	0.416	< 0.01 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.12 U
Phenanthrene	NSL	mg/kg	< 0.081 U	< 0.078 U	0.0195 J	0.254 J	0.0184 J	0.0160 J	< 0.012 U	< 0.012 U	< 0.14 U
Pyrene	NSL	mg/kg	< 0.082 U	< 0.079 U	0.0317 J	0.0799	0.0267 J	0.0317 J	0.0122 J	< 0.012 U	0.15 J
Sum of PAHs	4	mg/kg	ND	ND	0.28	1.24	0.45	0.18	0.01	ND	0.32
VOCs (SW8260)											
1,1,1-Trichloroethane (TCA)	NSL	µg/kg	NA	NA	NA	NA	NA	NA	< 0.59 U	< 0.53 U	NA
1,1,2,2-Tetrachloroethane	2800	µg/kg	NA	NA	NA	NA	NA	NA	< 0.73 U	< 0.65 U	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	NSL	µg/kg	NA	NA	NA	NA	NA	NA	< 3.3 U	< 2.9 U	NA
1,1,2-Trichloroethane	NSL	µg/kg	NA	NA	NA	NA	NA	NA	< 0.68 U	< 0.61 U	NA
1,1-Dichloroethane	NSL	µg/kg	NA	NA	NA	NA	NA	NA	< 0.61 U	< 0.54 U	NA
1,1-Dichloroethene	520	µg/kg	NA	NA	NA	NA	NA	NA	< 0.80 U	< 0.72 U	NA
1,2,3-Trichlorobenzene	230	µg/kg	NA	NA	NA	NA	NA	NA	< 3.1 U	< 2.7 U	NA
1,2,4-Trichlorobenzene	35000	µg/kg	NA	NA	NA	NA	NA	NA	< 3.1 U	< 2.7 U	NA
1,2-Dibromo-3-Chloropropane	NSL	µg/kg	NA	NA	NA	NA	NA	NA	< 0.85 U	< 0.76 U	NA
1,2-Dibromoethane (Ethylene Dibromide)	NSL	µg/kg	NA	NA	NA	NA	NA	NA	< 0.52 U	< 0.46 U	NA
1,2-Dichlorobenzene	280	µg/kg	NA	NA	NA	NA	NA	NA	< 0.67 U	< 0.60 U	NA
1,2-Dichloroethane	NSL	µg/kg	NA	NA	NA	NA	NA	NA	< 0.58 U	< 0.51 U	NA
1,2-Dichloropropane	NSL	µg/kg	NA	NA	NA	NA	NA	NA	< 0.58 U	< 0.52 U	NA
1,3-Dichlorobenzene	1800	µg/kg	NA	NA	NA	NA	NA	NA	< 0.61 U	< 0.54 U	NA
1,4-Dichlorobenzene	720	µg/kg	NA	NA	NA	NA	NA	NA	< 0.61 U	< 0.54 U	NA
2-Hexanone	NSL	µg/kg	NA	NA	NA	NA	NA	NA	< 2.6 U	< 2.3 U	NA
Acetone	NSL	µg/kg	NA	NA	NA	NA	NA	NA	< 5.1 U	< 4.5 U	NA
Benzene	530	µg/kg	NA	NA	NA	NA	NA	NA	< 0.56 U	< 0.50 U	NA
Bromochloromethane	NSL	µg/kg	NA	NA	NA	NA	NA	NA	< 0.69 U	< 0.61 U	NA
Bromodichloromethane	NSL	µg/kg	NA	NA	NA	NA	NA	NA	< 0.53 U	< 0.47 U	NA
Bromoform	NSL	µg/kg	NA	NA	NA	NA	NA	NA	< 1.7 U	< 1.5 U	NA
Bromomethane	NSL	µg/kg	NA	NA	NA	NA	NA	NA	< 0.94 U	< 0.83 U	NA
Carbon Disulfide	NSL	µg/kg	NA	NA	NA	NA	NA	NA	< 0.66 U	< 0.58 U	NA
Carbon Tetrachloride	1070	µg/kg	NA	NA	NA	NA	NA	NA	< 0.76 U	< 0.68 U	NA
Chlorobenzene	200	µg/kg	NA	NA	NA	NA	NA	NA	< 0.56 U	< 0.50 U	NA
Chloroethane	NSL	µg/kg	NA	NA	NA	NA	NA	NA	< 0.72 U	< 0.65 U	NA
Chloroform	NSL	µg/kg	NA	NA	NA	NA	NA	NA	< 1.2 U	< 1.1 U	NA
Chloromethane (Methyl Chloride)	NSL	µg/kg	NA	NA	NA	NA	NA	NA	< 2.4 U	< 2.1 U	NA
cis -1,2-Dichloroethylene	NSL	µg/kg	NA	NA	NA	NA	NA	NA	< 1.0 U	< 0.92 U	NA
cis -1,3-Dichloropropene	NSL	µg/kg	NA	NA	NA	NA	NA	NA	< 0.58 U	< 0.52 U	NA
Cyclohexane	NSL	µg/kg	NA	NA	NA	NA	NA	NA	< 0.81 U	< 0.72 U	NA
Dibromochloromethane	NSL	µg/kg	NA	NA	NA	NA	NA	NA	< 0.69 U	< 0.61 U	NA
Dichlorodifluoromethane	NSL	µg/kg	NA	NA	NA	NA	NA	NA	< 0.89 U	< 0.79 U	NA
Ethylbenzene	430	µg/kg	NA	NA	NA	NA	NA	NA	< 0.56 U	< 0.49 U	NA
Isopropylbenzene (Cumene)	210	µg/kg	NA	NA	NA	NA	NA	NA	< 1.7 U	< 1.6 U	NA
M,P-Xylene (Sum Of Isomers)	NSL	µg/kg	NA	NA	NA	NA	NA	NA	< 1.1 U	< 0.98 U	NA
Methyl Acetate	NSL	µg/kg	NA	NA	NA	NA	NA	NA	< 1.7 U	< 1.5 U	NA
Methyl Ethyl Ketone (2-Butanone)	NSL	µg/kg	NA	NA	NA	NA	NA	NA	< 3.0 U	< 2.7 U	NA
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/kg	NA	NA	NA	NA	NA	NA	< 2.8 U	< 2.5 U	NA
Methylcyclohexane	NSL	µg/kg	NA	NA	NA	NA	NA	NA	< 1.1 U	< 0.96 U	NA
Methylene Chloride	NSL	µg/kg	NA	NA	NA	NA	NA	NA	< 3.2 U	< 2.9 U	NA
O-Xylene (1,2-Dimethylbenzene)	820	µg/kg	NA	NA	NA	NA	NA	NA	< 0.56 U	< 0.50 U	NA
Styrene	NSL	µg/kg	NA	NA	NA	NA	NA	NA	< 0.49 U	< 0.44 U	NA
Tert-Butyl Methyl Ether	NSL	µg/kg	NA	NA	NA	NA	NA	NA	< 0.57 U	< 0.51 U	NA
Tetrachloroethylene (PCE)	16000	µg/kg	NA	NA	NA	NA	NA	NA	< 0.71 U	< 0.63 U	NA
Toluene	930	µg/kg	NA	NA	NA	NA	NA	NA	< 0.64 U	< 0.57 U	NA
trans -1,2-Dichloroethene	1200	µg/kg	NA	NA	NA	NA	NA	NA	< 0.75 U	< 0.67 U	NA
trans -1,3-Dichloropropene	NSL	µg/kg	NA	NA	NA	NA	NA	NA	< 0.56 U	< 0.50 U	NA
Trichloroethylene (TCE)	1800	µg/kg	NA	NA	NA	NA	NA	NA	< 0.93 U	< 0.83 U	NA
Trichlorofluoromethane	NSL	µg/kg	NA	NA	NA	NA	NA	NA	< 0.84 U	< 0.75 U	NA
Vinyl Chloride	NSL	µg/kg	NA	NA	NA	NA	NA	NA	< 0.59 U	< 0.53 U	NA
Xylenes	590	µg/kg	NA	NA	NA	NA	NA	NA	< 0.56 U	< 0.50 U	NA
Percent Solids (SM2540G)											
Solids, Percent	NSL	%	82.3	85.4	78.7	85.7	85.3	84.6	88.7	88	88.2
Percent Moisture (D2216)											
Moisture, Percent	NSL	%	NA	NA	NA	NA	NA	NA	NA	NA	11.8

Notes:

[1]NYSDEC Class A Freshwater Sediment Standards (Screening and Assessment of Contaminated Sediment, 24 June 2014).
µg/kg = Microgram(s) per kilogram
mg/kg = Milligram(s) per kilogram
B = Analyte detected in associated blank, as well as sample
J = Concentration is estimated
NA = Not analyzed
ND = Not detected
NSL = No screening level available
PAH = Polycyclic aromatic hydrocarbon
SVOC = Semivolatile organic compound
U = Analyte not detected
Concentrations exceeding the screening level are bolded and shaded gray.

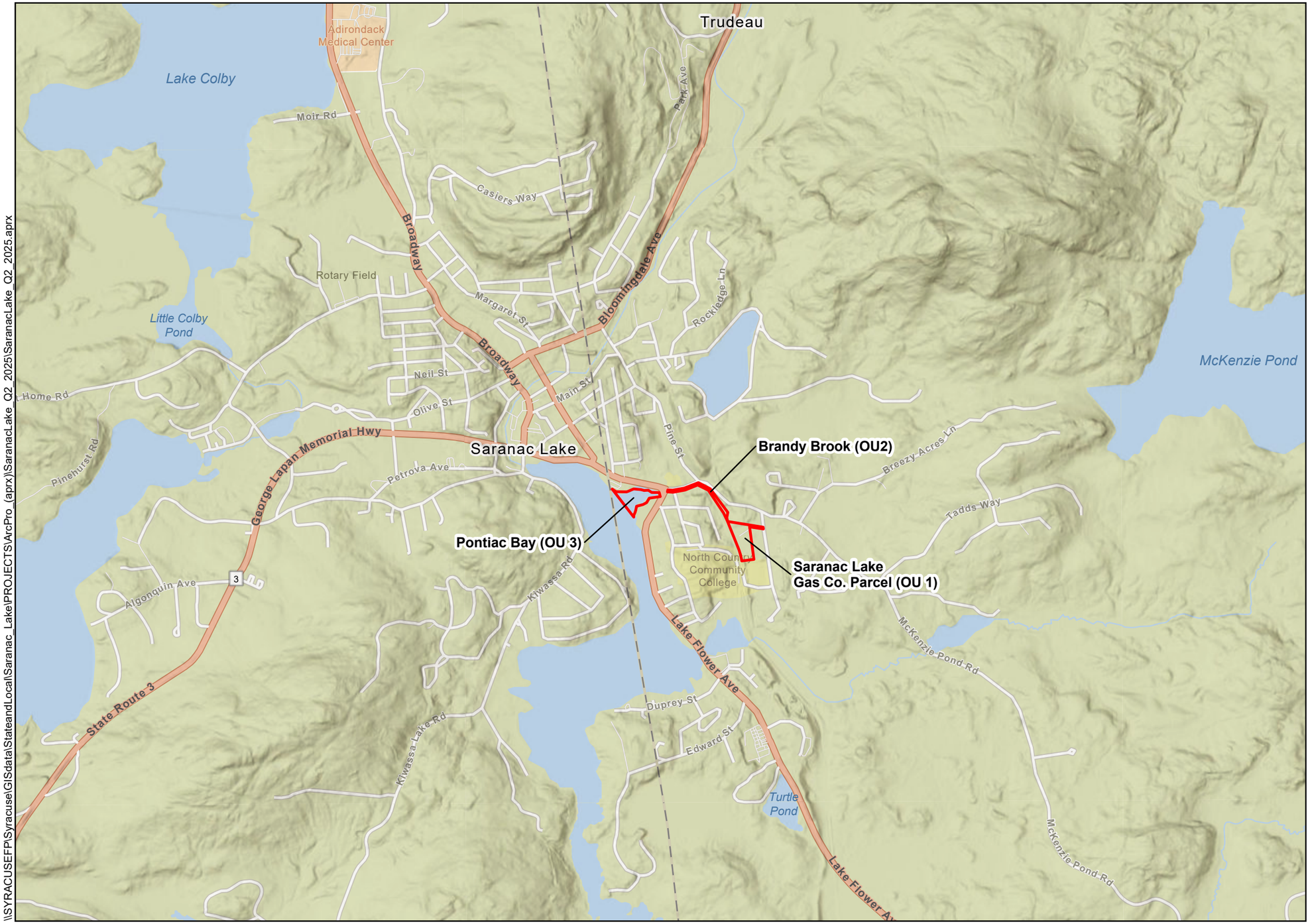
Table 5. Summary of Sediment COC Concentrations and Exceedances (May 2025 and Historical)

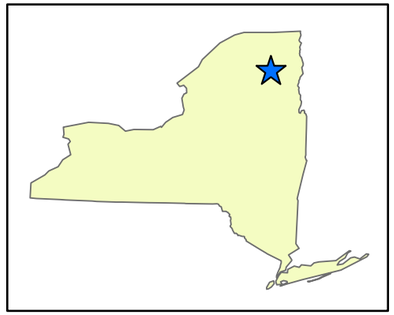
			Location ID	SD-402	SD-402	SD-402	SD-402	SWSED-402	SWSED-402	SWSED-402	SD-402
			Sample Name	SD-402	SD-402	SD-402	SD-402	516008-SD-402	516008-SD-402	516008-SD-402	516008-SD-402-20250506
			Parent Sample Name								
			Sample Date	11/19/2020	6/8/2021	10/20/2021	7/28/2022	5/31/2023	9/6/2023	8/1/2024	5/6/2025
Analyte	**NYSDEC Class A[1]**	**Unit**		**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
SVOCs (SW8270)											
2-Methylnaphthalene	NSL	mg/kg		NA	NA	NA	NA	< 0.08 U	NA	NA	NA
Acenaphthene	NSL	mg/kg		< 0.028 U	< 0.011 U	< 0.011 U	< 0.079 U	< 0.078 U	0.433	< 0.014 U	< 0.012 U
Acenaphthylene	NSL	mg/kg		< 0.024 U	< 0.0039 U	0.0088 J	< 0.077 U	< 0.08 U	< 0.021 U	< 0.021 U	< 0.018 U
Anthracene	NSL	mg/kg		< 0.046 U	< 0.012 U	0.013 J	< 0.079 U	< 0.079 U	0.239	< 0.026 U	< 0.021 U
Benzo(A)Anthracene	NSL	mg/kg		< 0.019 U	< 0.014 U	< 0.014 U	< 0.069 U	< 0.073 U	0.208	0.0211 J	< 0.0099 U
Benzo(A)Pyrene	NSL	mg/kg		< 0.028 U	< 0.01 U	< 0.01 U	< 0.067 U	< 0.067 U	0.179	0.0416 J	< 0.016 U
Benzo(B)Fluoranthene	NSL	mg/kg		< 0.03 U	< 0.01 U	< 0.01 U	< 0.068 U	< 0.069 U	0.185	0.0435	< 0.015 U
Benzo(G,H,I)Perylene	NSL	mg/kg		< 0.02 U	< 0.011 U	< 0.012 U	< 0.084 U	< 0.085 U	0.0954	0.0688	< 0.017 U
Benzo(K)Fluoranthene	NSL	mg/kg		< 0.024 U	< 0.0076 U	< 0.0077 U	< 0.067 U	< 0.073 U	0.0794	0.0223 J	< 0.016 U
Chrysene	NSL	mg/kg		< 0.042 U	< 0.0066 U	< 0.0066 U	< 0.071 U	< 0.074 U	0.181	0.0412 J	< 0.011 U
Dibenz(A,H)Anthracene	NSL	mg/kg		< 0.033 U	< 0.017 U	< 0.017 U	< 0.077 U	< 0.079 U	0.0213 J	0.0299 J	< 0.015 U
Fluoranthene	NSL	mg/kg		< 0.02 U	< 0.014 U	< 0.014 U	< 0.072 U	< 0.073 U	0.724	0.0221 J	< 0.016 U
Fluorene	NSL	mg/kg		< 0.022 U	< 0.0053 U	< 0.0053 U	< 0.079 U	< 0.079 U	0.441	< 0.019 U	< 0.016 U
Indeno(1,2,3-C,D)Pyrene	NSL	mg/kg		< 0.023 U	< 0.015 U	< 0.015 U	< 0.088 U	< 0.089 U	0.101	0.0269 J	< 0.016 U
Naphthalene	NSL	mg/kg		< 0.024 U	< 0.0067 U	< 0.0068 U	< 0.077 U	< 0.081 U	1.3	< 0.012 U	< 0.0098 U
Phenanthrene	NSL	mg/kg		< 0.028 U	< 0.0068 U	< 0.0069 U	< 0.079 U	< 0.08 U	1.28	< 0.014 U	< 0.012 U
Pyrene	NSL	mg/kg		< 0.022 U	< 0.0097 U	< 0.0098 U	< 0.076 U	0.084 J	0.553	0.0370 J	< 0.011 U
Sum of PAHs	4	mg/kg		ND	ND	0.02	ND	0.08	**6.02**	0.35	ND
VOCs (SW8260)											
1,1,1-Trichloroethane (TCA)	NSL	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 0.55 U
1,1,2,2-Tetrachloroethane	2800	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 0.69 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NSL	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 3.1 U
1,1,2-Trichloroethane	NSL	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 0.63 U
1,1-Dichloroethane	NSL	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 0.57 U
1,1-Dichloroethene	520	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 0.75 U
1,2,3-Trichlorobenzene	230	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 2.9 U
1,2,4-Trichlorobenzene	35000	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 2.9 U
1,2-Dibromo-3-Chloropropane	NSL	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 0.80 U
1,2-Dibromoethane (Ethylene Dibromide)	NSL	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 0.48 U
1,2-Dichlorobenzene	280	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 0.63 U
1,2-Dichloroethane	NSL	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 0.54 U
1,2-Dichloropropane	NSL	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 0.54 U
1,3-Dichlorobenzene	1800	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 0.57 U
1,4-Dichlorobenzene	720	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 0.57 U
2-Hexanone	NSL	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 2.4 U
Acetone	NSL	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 4.7 U
Benzene	530	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 0.52 U
Bromochloromethane	NSL	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 0.64 U
Bromodichloromethane	NSL	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 0.49 U
Bromoform	NSL	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 1.6 U
Bromomethane	NSL	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 0.88 U
Carbon Disulfide	NSL	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 0.61 U
Carbon Tetrachloride	1070	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 0.71 U
Chlorobenzene	200	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 0.53 U
Chloroethane	NSL	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 0.68 U
Chloroform	NSL	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 1.1 U
Chloromethane (Methyl Chloride)	NSL	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 2.2 U
cis -1,2-Dichloroethylene	NSL	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 0.96 U
cis -1,3-Dichloropropene	NSL	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 0.54 U
Cyclohexane	NSL	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 0.75 U
Dibromochloromethane	NSL	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 0.64 U
Dichlorodifluoromethane	NSL	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 0.83 U
Ethylbenzene	430	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 0.52 U
Isopropylbenzene (Cumene)	210	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 1.6 U
M,P-Xylene (Sum Of Isomers)	NSL	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 1.0 U
Methyl Acetate	NSL	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 1.6 U
Methyl Ethyl Ketone (2-Butanone)	NSL	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 2.8 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NSL	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 2.6 U
Methylcyclohexane	NSL	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 1.0 U
Methylene Chloride	NSL	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 3.0 U
O-Xylene (1,2-Dimethylbenzene)	820	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 0.52 U
Styrene	NSL	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 0.46 U
Tert-Butyl Methyl Ether	NSL	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 0.54 U
Tetrachloroethylene (PCE)	16000	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 0.66 U
Toluene	930	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 0.60 U
trans -1,2-Dichloroethene	1200	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 0.70 U
trans -1,3-Dichloropropene	NSL	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 0.52 U
Trichloroethylene (TCE)	1800	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 0.87 U
Trichlorofluoromethane	NSL	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 0.78 U
Vinyl Chloride	NSL	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 0.55 U
Xylenes	590	µg/kg		NA	NA	NA	NA	NA	NA	NA	< 0.52 U
Percent Solids (SM2540G)											
Solids, Percent	NSL	%		90	85.2	84.3	87.4	83.3	81.9	77.3	90.9
Percent Moisture (D2216)											
Moisture, Percent	NSL	%		10	14.8	15.7	NA	NA	NA	NA	NA

Notes:

[1]NYSDEC Class A Freshwater Sediment Standards (Screening and Assessment of Contaminated Sediment, 24 June 2014).
µg/kg = Microgram(s) per kilogram
mg/kg = Milligram(s) per kilogram
B = Analyte detected in associated blank, as well as sample
J = Concentration is estimated
NA = Not analyzed
ND = Not detected
NSL = No screening level available
PAH = Polycyclic aromatic hydrocarbon
SVOC = Semivolatile organic compound
U = Analyte not detected
Concentrations exceeding the screening level are bolded and shaded gray.

Figures





Legend

Operable Unit (OU) Boundary

0 0.25 0.5
Miles

N

Map Date: 9/30/2025
Projection: NAD83 State Plane New York East (in feet)

NEW YORK STATE Department of Environmental Conservation

Figure 1
SITE VICINITY MAP
Saranac Lake Gas Co. Inc. (516008)
Saranac Lake, New York

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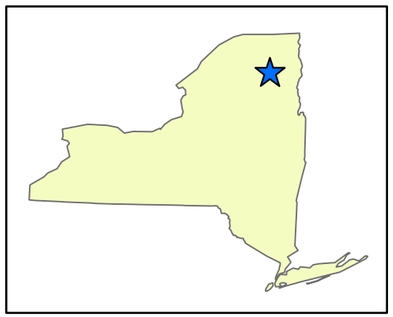


Legend

- Operable Unit (OU) Boundary
- Groundwater Sampling Location
- Gauged Only

0 75 150
Feet

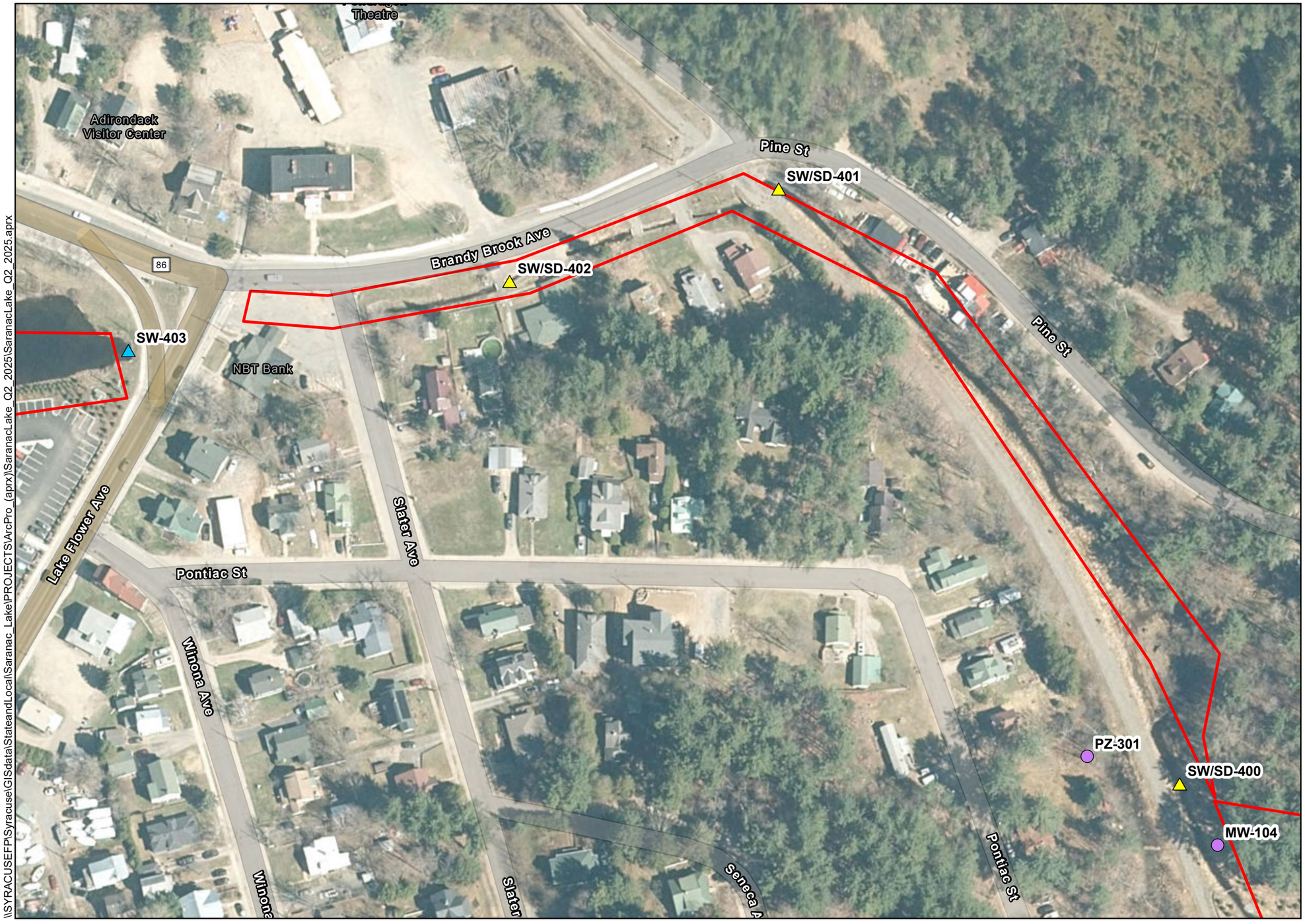
N

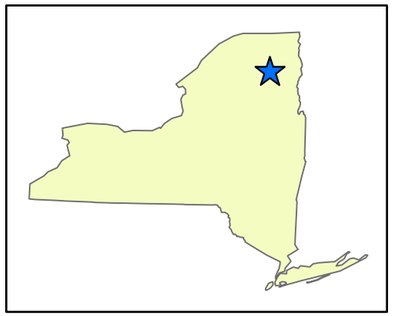
Map Date: 9/30/2025
Projection: NAD83 State Plane New York East (in feet)

NEW YORK STATE Department of Environmental Conservation

Figure 2a
OU1 LONG-TERM MONITORING SAMPLING LOCATIONS
Saranac Lake Gas Co. Inc. (516008)
Saranac Lake, New York

\\SYRACUSEFP\Syracuse\GIS\data\StateandLocal\Saranac_Lake\PROJECTS\ArcPro_(aprx)\SaranacLake_Q2_2025\SaranacLake_Q2_2025.aprx





Legend

- Operable Unit (OU) Boundary
- Groundwater Sampling Location
- Surface Water Sampling Location
- Surface Water/Sediment Sampling Location

0 75 150
Feet

N

Map Date: 9/30/2025
Projection: NAD83 State Plane New York East (in feet)

NEW YORK STATE | Department of Environmental Conservation

Figure 2b
OU2 AND OU3 LONG-TERM MONITORING SAMPLING LOCATIONS
Saranac Lake Gas Co. Inc. (516008)
Saranac Lake, New York

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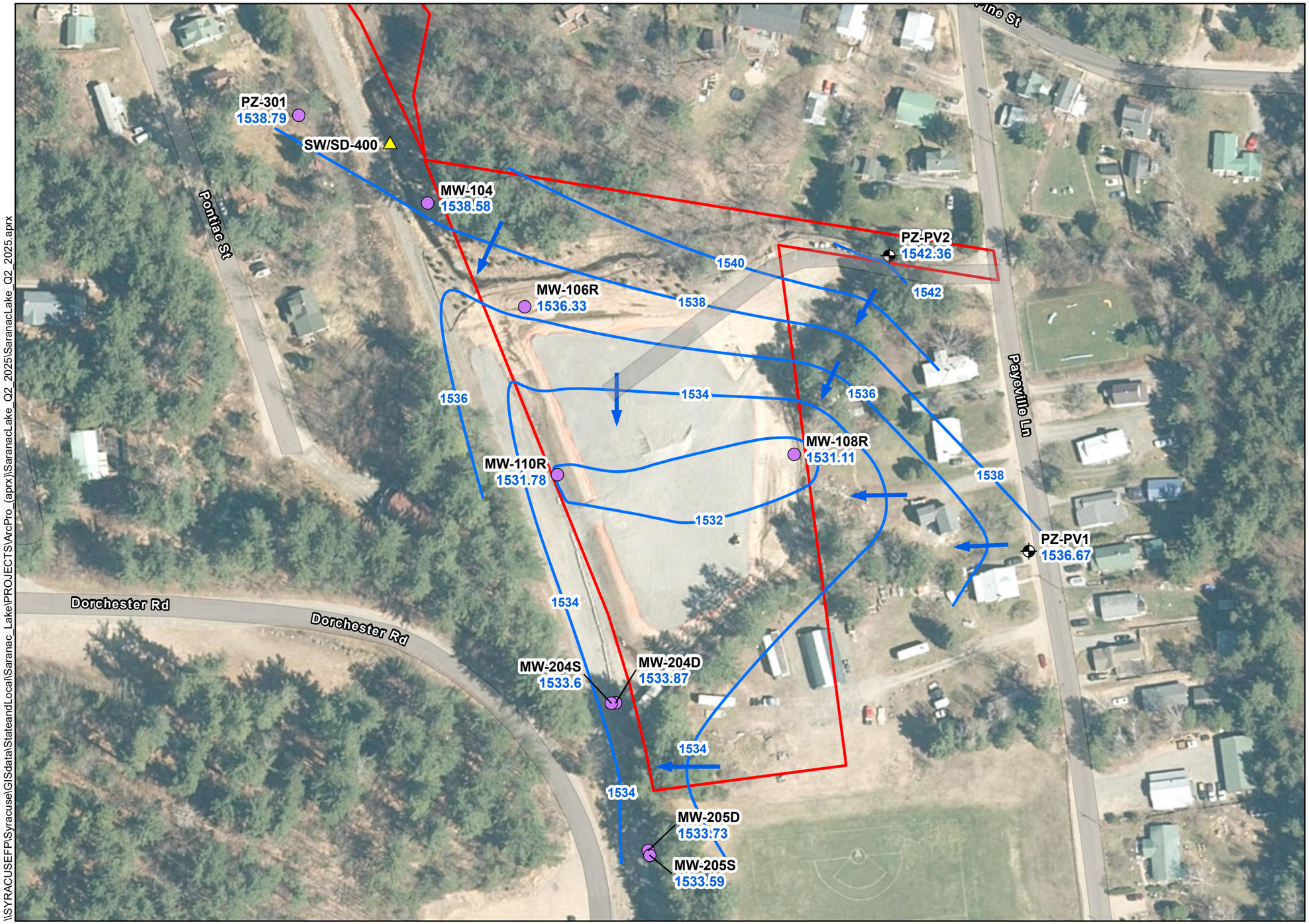
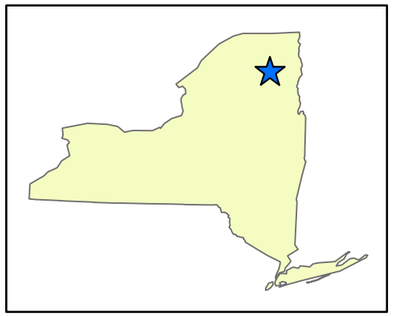




Legend

- Operable Unit (OU) Boundary
- Groundwater Elevation Contour (2 foot interval)
- Groundwater Flow Direction
- Groundwater Sampling Location
- Gauged Only
- Surface Water/Sediment Sampling Location

0 75 150
Feet

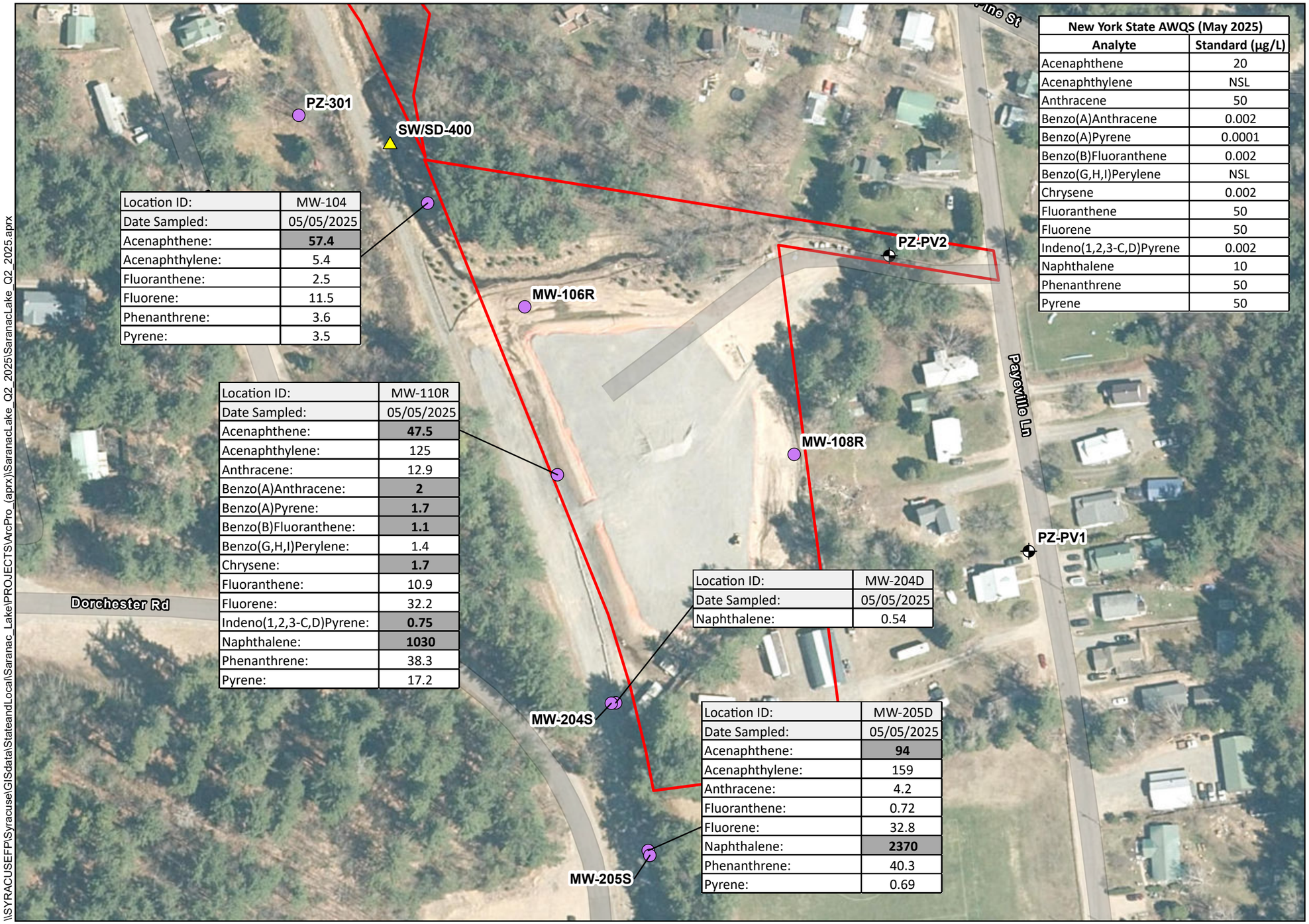
N

Map Date: 9/30/2025
Projection: NAD83 State Plane New York East (in feet)

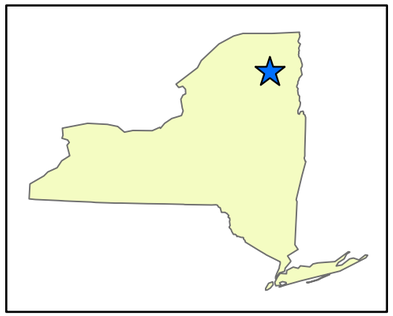
NEW YORK STATE Department of Environmental Conservation

Figure 3
GROUNDWATER ELEVATION CONTOURS, MAY 2025
Saranac Lake Gas Co. Inc. (516008)
Saranac Lake, New York

\\SYRACUSEFP\Syracuse\GIS\data\StateandLocal\Saranac_Lake\PROJECTS\ArcPro_(aprx)\SaranacLake_Q2_2025\SaranacLake_Q2_2025.aprx



New York State AWQS (May 2025)	
Analyte	**Standard (µg/L)**
Acenaphthene	20
Acenaphthylene	NSL
Anthracene	50
Benzo(A)Anthracene	0.002
Benzo(A)Pyrene	0.0001
Benzo(B)Fluoranthene	0.002
Benzo(G,H,I)Perylene	NSL
Chrysene	0.002
Fluoranthene	50
Fluorene	50
Indeno(1,2,3-C,D)Pyrene	0.002
Naphthalene	10
Phenanthrene	50
Pyrene	50



Legend

- Operable Unit (OU) Boundary
- Groundwater Sampling Location
- Gauged Only
- Surface Water/Sediment Sampling Location

Notes:
Values bolded and shaded gray indicate exceedances of AWQS Standards.
µg/L = Microgram(s) per liter.
AWQS = Ambient Water Quality Standards.
PAH = Polycyclic aromatic hydrocarbon.

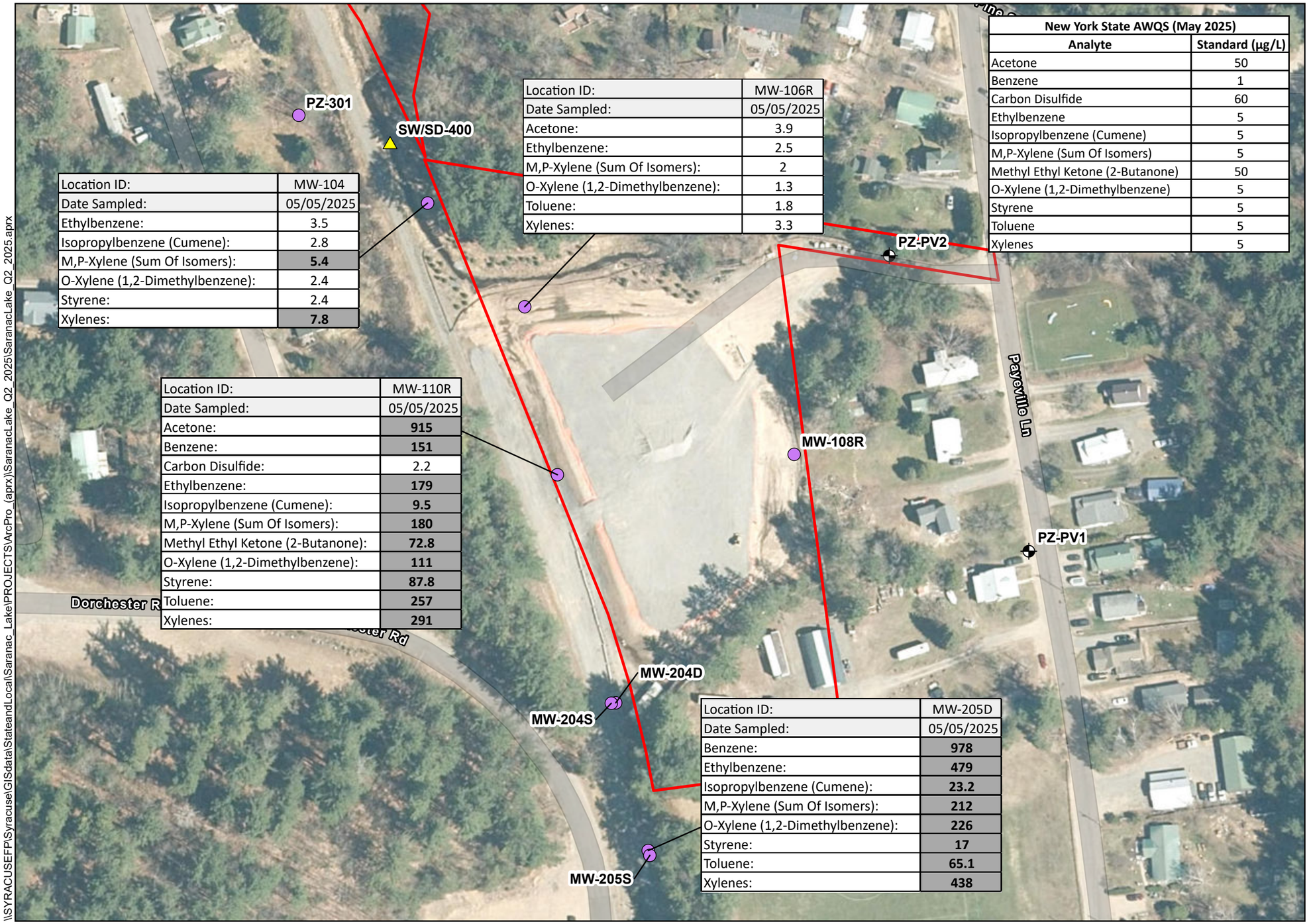
0 75 150
Feet
N

Map Date: 9/30/2025
Projection: NAD83 State Plane New York East (in feet)

NEW YORK STATE Department of Environmental Conservation

Figure 4
GROUNDWATER ANALYTICAL RESULTS - PAH DETECTIONS
Saranac Lake Gas Co. Inc. (516008)
Saranac Lake, New York

\\SYRACUSEFP\Syracuse\GIS\data\StateandLocal\Saranac_Lake\PROJECTS\ArcPro_(aprx)\SaranacLake_Q2_2025\SaranacLake_Q2_2025.aprx



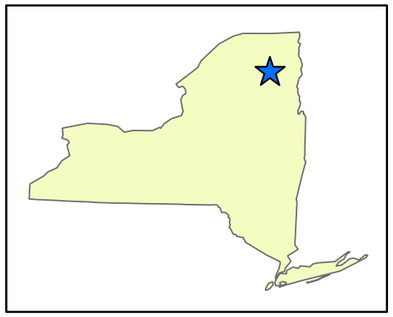
Location ID:	MW-104
Date Sampled:	05/05/2025
Ethylbenzene:	3.5
Isopropylbenzene (Cumene):	2.8
M,P-Xylene (Sum Of Isomers):	**5.4**
O-Xylene (1,2-Dimethylbenzene):	2.4
Styrene:	2.4
Xylenes:	**7.8**

Location ID:	MW-106R
Date Sampled:	05/05/2025
Acetone:	3.9
Ethylbenzene:	2.5
M,P-Xylene (Sum Of Isomers):	2
O-Xylene (1,2-Dimethylbenzene):	1.3
Toluene:	1.8
Xylenes:	3.3

Location ID:	MW-110R
Date Sampled:	05/05/2025
Acetone:	**915**
Benzene:	**151**
Carbon Disulfide:	2.2
Ethylbenzene:	**179**
Isopropylbenzene (Cumene):	**9.5**
M,P-Xylene (Sum Of Isomers):	**180**
Methyl Ethyl Ketone (2-Butanone):	**72.8**
O-Xylene (1,2-Dimethylbenzene):	**111**
Styrene:	**87.8**
Toluene:	**257**
Xylenes:	**291**

Location ID:	MW-205D
Date Sampled:	05/05/2025
Benzene:	**978**
Ethylbenzene:	**479**
Isopropylbenzene (Cumene):	**23.2**
M,P-Xylene (Sum Of Isomers):	**212**
O-Xylene (1,2-Dimethylbenzene):	**226**
Styrene:	**17**
Toluene:	**65.1**
Xylenes:	**438**

New York State AWQS (May 2025)	
Analyte	**Standard (µg/L)**
Acetone	50
Benzene	1
Carbon Disulfide	60
Ethylbenzene	5
Isopropylbenzene (Cumene)	5
M,P-Xylene (Sum Of Isomers)	5
Methyl Ethyl Ketone (2-Butanone)	50
O-Xylene (1,2-Dimethylbenzene)	5
Styrene	5
Toluene	5
Xylenes	5



Legend

- Operable Unit (OU) Boundary
- Groundwater Sampling Location
- Gauged Only
- Surface Water/Sediment Sampling Location

Notes:
Values bolded and shaded gray indicate exceedances of AWQS Standards.
µg/L = Microgram(s) per liter.
AWQS = Ambient Water Quality Standards.
VOC = Volatile Organic Compound.

0 75 150
Feet
N

Map Date: 9/30/2025
Projection: NAD83 State Plane New York East (in feet)

NEW YORK STATE Department of Environmental Conservation

Figure 4
GROUNDWATER ANALYTICAL RESULTS - VOC DETECTIONS
Saranac Lake Gas Co. Inc. (516008)
Saranac Lake, New York

\\SYRACUSEFP\Syracuse\GIS\data\StateandLocal\Saranac_Lake\PROJECTS\ArcPro_(aprx)\SaranacLake_Q2_2025\SaranacLake_Q2_2025.aprx

Appendix A.

Daily Field Reports

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DAILY FIELD REPORT

Saranac Lake Gas Co., NYSDEC Site #516008 **Date: 5/5/2025**

Contract No. D009806-34

DEC PM – Jasmine Stefansky

Engineer PM – Adam Etringer

Site Location: Payeville Lane, Saranac Lake, New York

Weather Conditions

General Description	Overcast, showers	AM	Overcast, showers	PM
Temperature	59 F	AM	57 F	PM
Wind	E 10 mph	AM	E 6 mph	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	NA
Were there any exceedances of the perimeter air monitoring reported on this date?	*Yes	No	NA
Were there any nuisance issues reported/observed on this date?	*Yes	No	NA

Health & Safety Comments

Slips, trips and falls on slippery surfaces.

Summary of Work Performed	Arrived at site:	1100	Departed Site:	1730

- (1100) EA (A. Etringer, K. Cassidy, C. Derrick, A. Read) onsite.
- (1110) Calibrate Horibas and PID.
- (1120) Begin synoptic gauging of all monitoring wells.
- (1236) Collected sample from MW-205S.
- (1303) Collected samples from MW-204S (parent and field duplicate).
- (1328) Collected sample from MW-205D (extra volume collected for MS/MSD).
- (1410) Collected sample from MW-204D.
- (1451) Collect sample from MW-108R.
- (1515) Collect sample from MW-104.
- (1543) Collect sample from MW-106R.
- (1634) Collect sample from PZ-301.
- (1705) Collect sample from MW-110R.
- (1730) EA offsite.

Personnel and Equipment

Individual	Company	Role	Total Hours
Adam Etringer	EA	Project Manager	6.5
Katie Cassidy	EA	Task Manager	6.5
Cassie Derrick	EA	Geologist	6.5
Ashleigh Read	EA	Scientist	6.5

Equipment Description	Contractor/Vendor	Quantity	Used
Peristaltic pump	Pine Environmental	2	Yes
Horiba U52 water quality meter	Pine Environmental	2	Yes
Heron water level meter	Pine Environmental	2	Yes
MiniRAE 3000 PID	Pine Environmental	1	Yes
55-gal drum	Pine Environmental	1	Yes
GMC Sierra	Enterprise	1	Yes
Ford Expedition	EA	1	Yes

Visitors to Site

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

Site Representatives

Name	Representing
none	

Comments

Sample ID format for all samples collected: 516008-MW-#-20250505.
Sample ID for field duplicate: 516008-FD-GW-20250505.
All monitoring wells purged via low-flow method prior to sampling. Samples collected from nine monitoring wells to be analyzed for PAHs via method 8270 and VOCs via method 8260 at SGS North Americal Laboratory in Dayton, NJ.

On-site Waste Storage

One 55-gal drum storing development water from MW-110R. Another 55-gal drum storing granulated activated carbon filtration buckets (for storage purposes, not waste).

Outstanding Items

55-gal drum containing development water to be picked up by an approved contractor TBD.

Interaction with Public, Property Owners, Media, etc.

None

EA Field Team: K. Cassidy	**Date: 5/5/2025**

Photo Log

	
PZ-PV1 (gauged only)	PZ-PV2 (gauged only)

	
Sampling at MW-204D	MW-104

	
Purging at PZ-301	Unobstructed outfall (behind PZ-301)

DAILY FIELD REPORT

Saranac Lake Gas Co., NYSDEC Site #516008 **Date: 5/6/2025**

NEW YORK STATE | Department of Environmental Conservation

Contract No. D009806-34

DEC PM – Jasmine Stefansky

Engineer PM – Adam Etringer

Site Location: Payeville Lane, Saranac Lake, New York

Weather Conditions				
General Description	Mostly cloudy	AM	--	PM
Temperature	62 F	AM	--	PM
Wind	S 12 mph	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	NA
Were there any exceedances of the perimeter air monitoring reported on this date?	*Yes	No	NA
Were there any nuisance issues reported/observed on this date?	*Yes	No	NA

Health & Safety Comments

Slips, trips and falls on slippery surfaces.

Summary of Work Performed	Arrived at site:	0800	Departed Site:	1130

- (0800) EA (K. Cassidy, C. Derrick, A. Read) onsite.
- (0805) Calibrate Horiba. Place new lock on MW-204S.
- (0845) Collect sample at SW-400 (extra volume collected for MS/MSD).
- (0900) Collect sample at SD-400 (extra volume collected for MS/MSD). A. Etringer (EA) onsite.
- (0940) Collect samples at SW-401 (parent and field duplicate).
- (1000) Collect samples at SD-401 (parent and field duplicate).
- (1045) Collect sample at SW-402.
- (1100) Collect sample at SD-402.
- (1110) Collect sample at SW-403.
- (1115) Inspect tree plantings from October 2024, and complete overall site inspection.
- (1130) EA offsite.

Personnel and Equipment

Individual	Company	Role	Total Hours
Adam Etringer	EA	Project Manager	2.5
Katie Cassidy	EA	Task Manager	3.5
Cassie Derrick	EA	Geologist	3.5
Ashleigh Read	EA	Scientist	3.5

Equipment Description	Contractor/Vendor	Quantity	Used
Horiba U52 water quality meter	Pine Environmental	1	Yes
GMC Sierra	Enterprise	1	Yes
Ford Expedition	EA	1	Yes

Visitors to Site

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

Site Representatives

Name	Representing
none	

Comments

Sample ID format for surface water samples: 516008-SW-#=20250506. Sample ID for surface water field duplicate: 516008-FD-SW-20250506.
Sample ID format for sediment samples: 516008-SD-#=20250506. Sample ID for sediment field duplicate: 516008-FD-SD-20250506.
Samples collected from collocated surface water/sediment sampling locations (at SW-403 location, only surface water is collected) to be analyzed for PAHs via method 8270 and VOCs via method 8260 at SGS North America Laboratory in Dayton, NJ.

On-site Waste Storage

One 55-gal drum storing development water from MW-110R. Another 55-gal drum storing granulated activated carbon filtration buckets (for storage purposes, not waste).

Outstanding Items

55-gal drum containing development water to be picked up by an approved contractor TBD.

Interaction with Public, Property Owners, Media, etc.

None

EA Field Team: K. Cassidy	**Date: 5/6/2025**

Photo Log

	
SW-400/SD-400 sampling location	Drums labeled and staged at OU01

	
SW-402/SD-402 sampling location	SW-403 sampling location

	
Tree and shrub plantings at OU03	Purple pitcher plant in OU02 wetland area

Appendix B.

Field Forms

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A. General Information

Inspector Name: Katherine Cassidy

Inspection Date: 05-06-2025

Weather (AM): 58F, overcast

Weather (PM): N/A

Purpose for Inspection: Annual requirement

Comments:

B. Site Property (OU01)

The Site property is located at 24 Payeville Lane and encompasses the portion of the Site where in-situ solidification was conducted and a soil cover placed over it. Brandy Brook (OU02) is located North of the property and the property is surrounded by a perimeter fence.

1. Are there any odors emanating from the site? No

2. Are there bare, dead or damaged vegetated areas along the wetland at the north end of the site? No

3. Is there any erosional damage to the slopes of the soil cover? No

4. Is there any evidence of excavation or damage to the soil cover? No

5. Is there visible damage to the perimeter fence? No

6. Is there visible damage to any of the monitoring wells? No

7. Is there any ponding water on or around the soil cover? No

8. Has any wildlife (terrestrial or aquatic) been observed? No

9. Were any groundwater samples collected? Yes

9a. If so, what is the sample ID(s)? 516008-MW-104-20250505, 516008-MW-204S-20250505, 516008-MW-204D-20250505, 516008-MW-205S-20250505, 516008-MW-205D-20250505, 516008-MW-106R-20250505, 516008-MW-108R-20250505, 516008-MW-110R-20250505, 516008-PZ-301-20250505, 516008-FD-GW-20250505

Comments: (Please comment for each question answered "Yes")

C. Brandy Brook (OU02)

OU02, Brandy Brook, extends from Pontiac Bay (culverted under Lake Flower Ave. and Slater Ave.) to OU01, or approximately 0.75 miles.

1. Is there an increase in turbidity causing a visible contrast to natural conditions? No

2. Is there residue from oil and/or floating substances, visible oil film, or globules or grease? No

3. Are there any odors emanating from the brook? No

4. Are culverts free of debris/blockages? Yes

5. Are there bare, dead or damaged vegetated areas along bank? No

6. Is there any erosional damage to the banks?	No
7. Has backfill (construction) sediment accumulated in any locations?	No
7a. If yes, photograph.	
8. Is there any evidence of damage to the RCM?	No
9. Are monitoring points in the proper, upright position?	Yes
10. Insert the oil-water interface probe into each RCM monitoring stickup; is an interface observed?	No
10a. If yes, explain.	N/A
11. Is any wildlife (terrestrial or aquatic) observed?	No
12. Were any sediment/water samples collected?	Yes
12a. If so, what is the sample ID(s)?	516008-SW-400-20250506, 516008-SW-401-20250506, 516008-SW-402-20250506, 516008-SD-400-20250506, 516008-SD-401-20250506, 516008-SD-402-20250506, 516008-FD-SW-20250506, 516008-FD-SD-20250506

Comments: (Please comment for each question answered "Yes")

D. Pontiac Bay (OU03)

Pontiac Bay is located in the northeastern portion of Lake Flower and encompasses the area east of the Lake Flower Boat Launch to the Brandy Brook culvert and south of the Lake Flower Boat Launch to the Fogarty's Lake Flower Marina.

1. Is there an increase in turbidity causing a visible contrast to natural conditions?	No
2. Is there residue from oil and/or floating substances, visible oil film, or globules or grease?	No
3. Are there any odors emanating from the bay?	No
4. Are there bare, dead or damaged vegetated areas along bank?	No
5. Is there any erosional damage to the banks?	No
6. Is there any damage to structural retaining walls along banks?	No
7. Is there visible damage to the Aquablok® barrier layer?	No
8. Has any wildlife (terrestrial or aquatic) been observed?	No
9. Were any surface water samples collected?	Yes
9a. If so, what is the sample ID(s)?	516008-SW-403-20250506

Comments: (Please comment for each question answered "Yes")

E. Site Management Activities

Upon completion of the inspection the following should be checked for compliance with the SMP.

1. Was routine sampling conducted during this inspection?	Yes
2. Was a Health and Safety Inspection Conducted?	No
3. Are there any known missing site records?	No

4. Are Engineering controls performing as designed?	Yes
5. Do EC/ICs continue to be protective of human health and the environment?	Yes
6. Is the remedial performance criteria being achieved?	Yes
7. Is the site in compliance with the requirements of the SMP?	Yes

Comments: (Please comment for each question answered "No")

Notes from last inspection: (Please review and comment)

Lock replaced on MW-108R.

Inspector: Katherine Cassidy

Signature:

Date: 05-06-2025

EA Engineering, P.C.
EA Science and Technology

NEW YORK STATE | Department of Environmental Conservation

GROUNDWATER SAMPLING PURGE FORM

Well ID:	EA Personnel:	Client:
MW-104	KC, AR	NYSDEC
Location:	**Well Condition:**	**Weather:**
MW-104	Gas odor	Weather = mist, Temperature (F) = 57, Humidity = 86, Wind Direction = 70, Wind Speed = 10.4, Rain (1hr) = 1
Sounding Method:	**Gauge Date:**	**Measurement Ref:**
Heron WLM	05/05/2025	1545.27
Stick Up/Down (ft):	**Gauge Time:**	**Well Diameter (in):**
3.00	11:00 AM	1

Purge Date: 05/05/2025	**Purge Time:** 14:46
Purge Method: Peristaltic pump	**Field Technician:** KC, AR

Well Volume		
A. Well Depth (ft):	**D. Well Volume (ft):**	**Depth/Height of Top of PVC:**
18.5	0	12.23
B. Depth to Water (ft):	**E. Well Volume (gal) (C*D):**	**Pump Type:**
6.27	0	Peristaltic pump
C. Liquid Depth (ft) (A-B):	**F. Three Well Volumes (gal) (E3):**	**Pump Intake Depth:**
12.23	0	13.5

Water Quality Parameters

Time (hrs)	Temp (°C)	pH (pH units)	ORP (mV)	Conductiviity (S/m)	Turbidity (ntu)	DO (mg/L)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)
14:46	12.58	6.24	-57.00	0.095	5.50	0.36	6.45	0.2	0
14:49	12.14	6.31	-69.00	0.094	4.40	0.13	6.45	0.2	0.6
14:53	11.50	6.36	-81.00	0.096	5.50	0.01	6.38	0.2	0.8
14:56	11.24	6.40	-88.00	0.099	6.40	0.01	6.38	0.2	0.6
14:59	11.11	6.44	-94.00	0.1	6.40	0	6.38	0.2	0.6
15:02	11.02	6.45	-97.00	0.1	5.50	0	6.38	0.2	0.6
15:05	10.94	6.47	-100.00	0.1	3.80	0	6.38	0.2	0.6
15:09	10.83	6.50	-104.00	0.1	3.00	0	6.38	0.2	0.8
15:12	10.77	6.51	-107.00	0.1	3.10	0	6.38	0.2	0.6
15:15	10.72	6.52	-109.00	0.101	3.00	0	6.38	0.2	0.6

Total Quantity of Water Removed (L):		**Sampling Time:**	03:15 PM
Samplers:	KC, AR	**Split Sample With:**	
Sampling Date:	05/05/2025	**Sample Type:**	N

COMMENTS AND OBSERVATIONS:

EA Engineering, P.C.
EA Science and Technology

NEW YORK STATE | Department of Environmental Conservation

GROUNDWATER SAMPLING PURGE FORM

Well ID:	**EA Personnel:**	**Client:**
MW-108R	C. Derrick	NYSDEC
Location:	**Well Condition:**	**Weather:**
MW-108R	Clear, no odor	Weather = mist, Temperature (F) = 56.01, Humidity = 90, Wind Direction = 70, Wind Speed = 10.36, Rain (1hr) = 1
Sounding Method:	**Gauge Date:**	**Measurement Ref:**
Heron skinny dipper	05/05/2025	1547.42
Stick Up/Down (ft):	**Gauge Time:**	**Well Diameter (in):**
0.00	11:30 AM	1

Purge Date:	05/05/2025	**Purge Time:**	14:09
Purge Method:	Low flow peristaltic pump (6824)	**Field Technician:**	C. Derrick

Well Volume		
A. Well Depth (ft):	**D. Well Volume (ft):**	**Depth/Height of Top of PVC:**
21.69	0	8.28
B. Depth to Water (ft):	**E. Well Volume (gal) (C*D):**	**Pump Type:**
13.41	0	Low flow peristaltic pump (6824)
C. Liquid Depth (ft) (A-B):	**F. Three Well Volumes (gal) (E3):**	**Pump Intake Depth:**
8.28	0	16

EA Engineering, P.C.
EA Science and Technology

NEW YORK STATE | Department of Environmental Conservation

GROUNDWATER SAMPLING PURGE FORM

Water Quality Parameters									
Time (hrs)	**Temp (°C)**	**pH (pH units)**	**ORP (mV)**	**Conductiviity (S/m)**	**Turbidity (ntu)**	**DO (mg/L)**	**DTW (ft btoc)**	**Rate (Lpm)**	**Volume (liters)**
14:09	12.37	6.62	49.00	0.189	122.00	4.13	13.40	0.25	0
14:12	12.10	6.61	81.00	0.186	63.30	3.78	13.40	0.25	0.75
14:15	11.41	6.50	113.00	0.186	23.90	3.3	13.40	0.25	0.75
14:18	11.16	6.40	129.00	0.186	26.50	3.28	13.40	0.25	0.75
14:21	10.91	6.31	147.00	0.185	24.50	3.34	13.40	0.25	0.75
14:24	10.83	6.28	154.00	0.185	25.00	3.31	13.40	0.25	0.75
14:27	10.72	6.24	164.00	0.184	20.40	3.32	13.40	0.25	0.75
14:30	10.61	6.19	175.00	0.184	19.20	3.39	13.40	0.25	0.75
14:33	10.52	6.15	183.00	0.184	12.00	3.41	13.40	0.25	0.75
14:36	10.51	6.11	189.00	0.185	12.60	3.34	13.40	0.25	0.75
14:39	10.50	6.07	196.00	0.184	10.10	3.38	13.40	0.25	0.75
14:42	10.49	6.04	202.00	0.184	9.40	3.34	13.40	0.25	0.75
14:45	10.42	5.99	208.00	0.184	8.00	3.38	13.40	0.25	0.75
14:48	10.43	5.97	213.00	0.184	8.10	3.36	13.40	0.25	0.75
14:51	10.42	5.95	215.00	0.184	7.70	3.39	13.40	0.25	0.75

Total Quantity of Water Removed (L):	11	**Sampling Time:**	02:51 PM
Samplers:	C. Derrick	**Split Sample With:**	None
Sampling Date:	05/05/2025	**Sample Type:**	N

COMMENTS AND OBSERVATIONS:

PID = 0.2 ppm

EA Engineering, P.C.
EA Science and Technology

NEW YORK STATE | Department of Environmental Conservation

GROUNDWATER SAMPLING PURGE FORM

Well ID:	EA Personnel:	Client:
MW-106R	C. Derrick	NYSDEC
Location:	**Well Condition:**	**Weather:**
MW-106R	Clear, slight coal tar odor	Weather = overcast clouds, Temperature (F) = 57, Humidity = 86, Wind Direction = 70, Wind Speed = 5.75, Rain (1hr) = 1
Sounding Method:	**Gauge Date:**	**Measurement Ref:**
Heron skinny dipper	05/05/2025	1544.09
Stick Up/Down (ft):	**Gauge Time:**	**Well Diameter (in):**
0.00	11:30 AM	1

Purge Date: 05/05/2025	**Purge Time:** 15:16
Purge Method: Low flow peristaltic pump (6824)	**Field Technician:** C. Derrick

Well Volume		
A. Well Depth (ft):	**D. Well Volume (ft):**	**Depth/Height of Top of PVC:**
17.08	0	12.02
B. Depth to Water (ft):	**E. Well Volume (gal) (C*D):**	**Pump Type:**
5.06	0	Low flow peristaltic pump (6824)
C. Liquid Depth (ft) (A-B):	**F. Three Well Volumes (gal) (E3):**	**Pump Intake Depth:**
12.02	0	12

Water Quality Parameters

Time (hrs)	Temp (°C)	pH (pH units)	ORP (mV)	Conductiviity (S/m)	Turbidity (ntu)	DO (mg/L)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)
15:16	11.31	6.58	-29.00	0.389	10.10	1.17	6.30	0.25	0
15:19	10.97	6.78	-52.00	0.392	6.60	0.68	6.35	0.25	0.75
15:22	10.70	6.91	-63.00	0.396	7.70	0.39	6.30	0.25	0.75
15:25	10.35	7.07	-71.00	0.404	8.10	0.3	6.32	0.25	0.75
15:28	10.18	7.18	-75.00	0.415	10.20	0.23	6.32	0.25	0.75
15:31	10.09	7.22	-76.00	0.427	7.30	0.22	6.34	0.25	0.75
15:34	10.04	7.28	-77.00	0.439	2.30	0.21	6.34	0.25	0.75
15:37	10.00	7.32	-78.00	0.445	0.40	0.2	6.34	0.25	0.75
15:40	9.98	7.36	-79.00	0.45	0.00	0.18	6.32	0.25	0.75
15:43	9.96	7.39	-80.00	0.453	0.00	0.19	6.30	0.25	0.75

Total Quantity of Water Removed (L):	7	**Sampling Time:**	03:43 PM
Samplers:	C. Derrick	**Split Sample With:**	None
Sampling Date:	05/05/2025	**Sample Type:**	N

COMMENTS AND OBSERVATIONS:

PID = 0.4 ppm

EA Engineering, P.C.
EA Science and Technology

NEW YORK STATE | Department of Environmental Conservation

GROUNDWATER SAMPLING PURGE FORM

Well ID: PZ-301	**EA Personnel:** KC, AR	**Client:** NYSDEC
Location: PZ-301	**Well Condition:**	**Weather:** Weather = light rain, Temperature (F) = 59.02, Humidity = 84, Wind Direction = 105, Wind Speed = 5.7, Rain (1hr) = 1
Sounding Method: Heron WLM	**Gauge Date:** 05/05/2025	**Measurement Ref:** 1544.30
Stick Up/Down (ft): 3.00	**Gauge Time:** 11:00 AM	**Well Diameter (in):** 1

Purge Date: 05/05/2025	**Purge Time:** 15:58
Purge Method: Peristaltic pump	**Field Technician:** KC, AR

Well Volume

A. Well Depth (ft): 14.71	**D. Well Volume (ft):** 0	**Depth/Height of Top of PVC:** 9.2
B. Depth to Water (ft): 5.51	**E. Well Volume (gal) (C*D):** 0	**Pump Type:** Peristaltic pump
C. Liquid Depth (ft) (A-B): 9.2	**F. Three Well Volumes (gal) (E3):** 0	**Pump Intake Depth:** 9.71

Water Quality Parameters

Time (hrs)	Temp (°C)	pH (pH units)	ORP (mV)	Conductiviity (S/m)	Turbidity (ntu)	DO (mg/L)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)
15:58	11.03	6.11	43.00	0.023	204.00	3.02	5.65	0.2	0
16:01	10.46	5.53	101.00	0.02	74.20	2.87	5.65	0.2	0.6
16:04	10.24	5.48	84.00	0.027	61.50	2.7	5.65	0.2	0.6
16:07	10.30	5.51	77.00	0.029	61.30	2.67	5.66	0.2	0.6
16:10	10.29	5.51	76.00	0.03	58.40	2.64	5.66	0.2	0.6
16:13	10.20	5.51	75.00	0.03	60.20	2.61	5.66	0.2	0.6
16:16	10.24	5.51	74.00	0.031	30.10	2.58	5.66	0.2	0.6
16:19	10.24	5.51	73.00	0.031	35.80	2.54	5.66	0.2	0.6
16:22	10.30	5.52	72.00	0.032	36.40	2.49	5.66	0.2	0.6
16:25	10.27	5.52	72.00	0.032	34.50	2.46	5.66	0.2	0.6
16:28	10.27	5.52	71.00	0.032	34.80	2.43	5.66	0.2	0.6
16:31	10.26	5.52	71.00	0.032	34.40	2.4	5.66	0.2	0.6
16:34	10.27	5.52	71.00	0.032	32.70	2.38	5.66	0.2	0.6

Total Quantity of Water Removed (L):		**Sampling Time:**	04:34 PM
Samplers:	KC, AR	**Split Sample With:**	
Sampling Date:	05/05/2025	**Sample Type:**	N

COMMENTS AND OBSERVATIONS:

Soft bottom. Reddish sediment coming up causimg turbidity

EA Engineering, P.C.
EA Science and Technology

NEW YORK STATE | Department of Environmental Conservation

GROUNDWATER SAMPLING PURGE FORM

Well ID:	**EA Personnel:**	**Client:**
MW-110R	C. Derrick	NYSDEC
Location:	**Well Condition:**	**Weather:**
MW-110R	Yellow/brown, strong coal tar odor	Weather = overcast clouds, Temperature (F) = 59, Humidity = 82, Wind Direction = 70, Wind Speed = 5.75, Rain (1hr) = 1
Sounding Method:	**Gauge Date:**	**Measurement Ref:**
Heron skinny dipper	05/05/2025	1547.33
Stick Up/Down (ft):	**Gauge Time:**	**Well Diameter (in):**
0.00	11:30 AM	1

Purge Date: 05/05/2025	**Purge Time:** 16:17
Purge Method: Low flow peristaltic pump (6824)	**Field Technician:** C. Derrick

Well Volume		
A. Well Depth (ft):	**D. Well Volume (ft):**	**Depth/Height of Top of PVC:**
22.18	0	10.23
B. Depth to Water (ft):	**E. Well Volume (gal) (C*D):**	**Pump Type:**
11.95	0	Low flow peristaltic pump (6824)
C. Liquid Depth (ft) (A-B):	**F. Three Well Volumes (gal) (E3):**	**Pump Intake Depth:**
10.23	0	17

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GROUNDWATER SAMPLING PURGE FORM

Water Quality Parameters									
Time (hrs)	**Temp (°C)**	**pH (pH units)**	**ORP (mV)**	**Conductiviity (S/m)**	**Turbidity (ntu)**	**DO (mg/L)**	**DTW (ft btoc)**	**Rate (Lpm)**	**Volume (liters)**
16:17	12.81	8.84	-210.00	2.36	39.00	1.93	12.20	0.25	0
16:20	12.63	9.09	-237.00	2.42	65.50	0.58	12.20	0.25	0.75
16:23	12.35	9.23	-257.00	2.49	182.00	0.34	12.20	0.25	0.75
16:26	12.09	9.25	-265.00	2.54	196.00	0.21	12.20	0.25	0.75
16:29	11.71	9.16	-269.00	2.55	161.00	0.1	12.20	0.25	0.75
16:32	11.47	9.03	-272.00	2.53	149.00	0.04	12.20	0.25	0.75
16:35	11.50	8.98	-274.00	2.5	142.00	0	12.20	0.25	0.75
16:38	11.51	8.87	-277.00	2.47	110.00	0	12.20	0.25	0.75
16:41	11.54	8.81	-281.00	2.45	100.00	0	12.20	0.25	0.75
16:44	11.54	8.71	-285.00	2.43	83.20	0	12.20	0.25	0.75
16:47	11.62	8.66	-287.00	2.41	75.30	0	12.20	0.25	0.75
16:50	11.64	8.61	-291.00	2.38	65.00	0	12.20	0.25	0.75
16:53	11.65	8.56	-293.00	2.37	59.10	0	12.20	0.25	0.75
16:56	11.57	8.51	-294.00	2.34	51.10	0	12.20	0.25	0.75
16:59	11.57	8.49	-296.00	2.33	49.90	0	12.20	0.25	0.75
17:02	11.53	8.47	-300.00	2.31	48.90	0	12.20	0.25	0.75
17:05	11.44	8.46	-301.00	2.3	49.70	0	12.20	0.25	0.75

Total Quantity of Water Removed (L):	12.5	**Sampling Time:**	05:05 PM
Samplers:	C. Derrick	**Split Sample With:**	None
Sampling Date:	05/05/2025	**Sample Type:**	N

COMMENTS AND OBSERVATIONS:

PID = 0.2 ppm

EA Engineering, P.C.
EA Science and Technology

NEW YORK STATE | Department of Environmental Conservation

GROUNDWATER SAMPLING PURGE FORM

Well ID: MW-204S	**EA Personnel:** KC, AR	**Client:** NYSDEC
Location: MW-204S	**Well Condition:**	**Weather:** Weather = moderate rain, Temperature (F) = 57.1, Humidity = 86, Wind Direction = 80, Wind Speed = 10.4, Rain (1hr) = 1
Sounding Method: Heron WLM	**Gauge Date:** 05/05/2025	**Measurement Ref:** 1546.53
Stick Up/Down (ft): 0.00	**Gauge Time:** 12:25 PM	**Well Diameter (in):** 1

Purge Date: 05/05/2025	**Purge Time:** 12:26
Purge Method: Peristaltic pump	**Field Technician:** KC, AR

Well Volume		
A. Well Depth (ft): 27.89	**D. Well Volume (ft):** 0	**Depth/Height of Top of PVC:** 15.2
B. Depth to Water (ft): 12.69	**E. Well Volume (gal) (C*D):** 0	**Pump Type:** Peristaltic pump
C. Liquid Depth (ft) (A-B): 15.2	**F. Three Well Volumes (gal) (E3):** 0	**Pump Intake Depth:** 22.89

Water Quality Parameters

Time (hrs)	Temp (°C)	pH (pH units)	ORP (mV)	Conductiviity (S/m)	Turbidity (ntu)	DO (mg/L)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)
12:26	11.51	4.80	240.00	0.224	10.30	10.21	12.73	0.2	0
12:29	10.98	4.82	286.00	0.211	2.10	8.32	12.73	0.2	0.6
12:32	10.79	4.79	300.00	0.208	0.00	8.15	12.73	0.2	0.6
12:35	10.84	4.79	303.00	0.208	0.00	8.15	12.73	0.2	0.6
12:38	10.84	4.79	312.00	0.207	0.00	8.09	12.73	0.2	0.6
12:41	10.70	4.78	318.00	0.207	0.00	8.04	12.73	0.2	0.6
12:44	10.58	4.77	324.00	0.208	0.00	7.99	12.73	0.2	0.6
12:47	10.61	4.78	329.00	0.208	0.00	7.91	12.73	0.2	0.6
12:51	10.57	4.77	333.00	0.208	0.00	7.95	12.72	0.2	0.8
12:54	10.41	4.76	337.00	0.208	0.00	7.91	12.72	0.2	0.6
12:57	10.51	4.74	343.00	0.207	0.00	7.9	12.72	0.2	0.6
13:00	10.41	4.74	345.00	0.207	0.00	7.96	12.72	0.2	0.6
13:02	10.43	4.74	346.00	0.207	0.00	7.96	12.72	0.2	0.4

Total Quantity of Water Removed (L):		**Sampling Time:**	01:03 PM
Samplers:	KC, AR	**Split Sample With:**	
Sampling Date:	05/05/2025	**Sample Type:**	N

COMMENTS AND OBSERVATIONS:

EA Engineering, P.C.
EA Science and Technology

NEW YORK STATE | Department of Environmental Conservation

GROUNDWATER SAMPLING PURGE FORM

Well ID:	EA Personnel:	Client:
MW-205D	C. Derrick	NYSDEC
Location:	**Well Condition:**	**Weather:**
MW-205D	Clear, no odor	Weather = light rain, Temperature (F) = 56.01, Humidity = 90, Wind Direction = 120, Wind Speed = 3, Rain (1hr) = 1
Sounding Method:	**Gauge Date:**	**Measurement Ref:**
Heron skinny dipper	05/05/2025	1545.52
Stick Up/Down (ft):	**Gauge Time:**	**Well Diameter (in):**
0.00	11:30 AM	1

Purge Date: 05/05/2025	**Purge Time:** 12:58
Purge Method: Low flow peristaltic pump (6824)	**Field Technician:** C. Derrick

Well Volume		
A. Well Depth (ft):	**D. Well Volume (ft):**	**Depth/Height of Top of PVC:**
32.85	0	21.21
B. Depth to Water (ft):	**E. Well Volume (gal) (C*D):**	**Pump Type:**
11.64	0	Low flow peristaltic pump (6824)
C. Liquid Depth (ft) (A-B):	**F. Three Well Volumes (gal) (E3):**	**Pump Intake Depth:**
21.21	0	27

Water Quality Parameters

Time (hrs)	Temp (°C)	pH (pH units)	ORP (mV)	Conductiviity (S/m)	Turbidity (ntu)	DO (mg/L)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)
12:58	12.35	6.29	21.00	0.257	57.90	2.27	11.65	0.25	0
13:01	12.07	6.58	9.00	0.271	37.80	0.83	11.65	0.25	0.75
13:04	11.88	6.70	1.00	0.279	22.90	0.42	11.65	0.25	0.75
13:07	11.75	6.71	-4.00	0.284	8.40	0.3	11.65	0.25	0.75
13:10	11.70	6.69	-5.00	0.285	5.30	0.24	11.64	0.25	0.75
13:13	11.64	6.70	-6.00	0.286	2.80	0.2	11.64	0.25	0.75
13:16	11.61	6.71	-7.00	0.286	1.90	0.19	11.64	0.25	0.75
13:19	11.57	6.73	-8.00	0.287	0.90	0.17	11.64	0.25	0.75
13:22	11.56	6.73	-8.00	0.287	0.00	0.16	11.64	0.25	0.75
13:25	11.54	6.73	-9.00	0.287	0.00	0.15	11.64	0.25	0.75
13:28	11.54	6.69	-9.00	0.288	0.00	0.13	11.64	0.25	0.75

Total Quantity of Water Removed (L):	9	**Sampling Time:**	01:28 PM
Samplers:	C. Derrick	**Split Sample With:**	MS/MSD
Sampling Date:	05/05/2025	**Sample Type:**	MS/MSD

COMMENTS AND OBSERVATIONS:

PID = 0.2 ppm

EA Engineering, P.C.
EA Science and Technology

NEW YORK STATE | Department of Environmental Conservation

GROUNDWATER SAMPLING PURGE FORM

Well ID:	EA Personnel:	Client:
MW-204D	KC,AR	NYSDEC
Location:	**Well Condition:**	**Weather:**
MW-204D		Weather = light rain, Temperature (F) = 56, Humidity = 89, Wind Direction = 80, Wind Speed = 10.4, Rain (1hr) = 1
Sounding Method:	**Gauge Date:**	**Measurement Ref:**
Heron WLM	05/05/2025	1546.95
Stick Up/Down (ft):	**Gauge Time:**	**Well Diameter (in):**
3.00	11:00 AM	1

Purge Date: 05/05/2025	**Purge Time:** 13:23
Purge Method:	**Field Technician:** KC,AR

Well Volume		
A. Well Depth (ft):	**D. Well Volume (ft):**	**Depth/Height of Top of PVC:**
31.2	0	18.12
B. Depth to Water (ft):	**E. Well Volume (gal) (C*D):**	**Pump Type:**
13.08	0	
C. Liquid Depth (ft) (A-B):	**F. Three Well Volumes (gal) (E3):**	**Pump Intake Depth:**
18.12	0	26.2

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EA Science and Technology

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GROUNDWATER SAMPLING PURGE FORM

Water Quality Parameters									
Time (hrs)	**Temp (°C)**	**pH (pH units)**	**ORP (mV)**	**Conductiviity (S/m)**	**Turbidity (ntu)**	**DO (mg/L)**	**DTW (ft btoc)**	**Rate (Lpm)**	**Volume (liters)**
13:23	10.30	5.49	15.00	0.261	147.00	0	13.09	0.2	0
13:26	10.24	5.51	10.00	0.26	67.00	0	13.09	0.2	0.6
13:29	10.30	5.54	7.00	0.259	36.10	0	13.09	0.2	0.6
13:32	10.50	5.56	5.00	0.259	24.10	0	13.09	0.2	0.6
13:35	10.51	5.57	4.00	0.259	20.00	0	13.09	0.2	0.6
13:38	10.46	5.58	3.00	0.259	18.20	0	13.09	0.2	0.6
13:41	10.46	5.59	2.00	0.259	16.70	0	13.09	0.2	0.6
13:44	10.47	5.60	1.00	0.259	14.30	0	13.09	0.2	0.6
13:47	10.48	5.61	1.00	0.259	12.40	0	13.09	0.2	0.6
13:50	10.45	5.61	0.00	0.259	11.20	0	13.09	0.2	0.6
13:53	10.61	5.61	0.00	0.259	9.80	0	13.09	0.2	0.6
13:57	10.49	5.63	-1.00	0.26	8.90	0	13.09	0.2	0.8
14:01	10.48	5.63	-1.00	0.26	9.30	0	13.09	0.2	0.8
14:04	10.48	5.64	-2.00	0.26	9.20	0	13.09	0.2	0.6
14:07	10.51	5.64	-2.00	0.26	7.90	0	13.09	0.2	0.6
14:11	10.51	5.65	-2.00	0.26	7.10	0	13.09	0.2	0.8

Total Quantity of Water Removed (L):		**Sampling Time:**	02:10 PM
Samplers:	KC,AR	**Split Sample With:**	
Sampling Date:	05/05/2025	**Sample Type:**	FD

COMMENTS AND OBSERVATIONS:

EA Engineering, P.C.
EA Science and Technology

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GROUNDWATER SAMPLING PURGE FORM

Well ID:	EA Personnel:	Client:
MW-205S	C. Derrick	NYSDEC
Location:	**Well Condition:**	**Weather:**
MW-205S	Clear, no odor	Weather = overcast clouds, Temperature (F) = 57.06, Humidity = 85, Wind Direction = 80, Wind Speed = 10.36, Rain (1hr) = 1
Sounding Method:	**Gauge Date:**	**Measurement Ref:**
Heron skinny dipper	05/05/2025	1545.44
Stick Up/Down (ft):	**Gauge Time:**	**Well Diameter (in):**
0.00	11:30 AM	1

Purge Date: 05/05/2025	**Purge Time:** 12:09
Purge Method: Low flow peristaltic pump (6824)	**Field Technician:** C. Derrick

Well Volume		
A. Well Depth (ft):	**D. Well Volume (ft):**	**Depth/Height of Top of PVC:**
19.22	0	7.57
B. Depth to Water (ft):	**E. Well Volume (gal) (C*D):**	**Pump Type:**
11.65	0	Low flow peristaltic pump (6824)
C. Liquid Depth (ft) (A-B):	**F. Three Well Volumes (gal) (E3):**	**Pump Intake Depth:**
7.57	0	15

Water Quality Parameters

Time (hrs)	Temp (°C)	pH (pH units)	ORP (mV)	Conductiviity (S/m)	Turbidity (ntu)	DO (mg/L)	DTW (ft btoc)	Rate (Lpm)	Volume (liters)
12:09	15.71	4.99	342.00	0.215	3.20	3.85	11.65	0.25	0
12:12	14.90	5.54	315.00	0.176	1.10	2.97	11.65	0.25	0.75
12:15	13.83	5.64	314.00	0.158	0.00	2.81	11.67	0.25	0.75
12:18	13.08	5.66	314.00	0.15	0.00	2.93	11.65	0.25	0.75
12:21	12.75	5.66	309.00	0.145	0.00	3.02	11.65	0.25	0.75
12:24	12.51	5.66	305.00	0.145	0.00	3.09	11.65	0.25	0.75
12:27	12.24	5.66	302.00	0.144	0.00	3.04	11.65	0.25	0.75
12:30	12.03	5.66	305.00	0.143	0.00	3.05	11.65	0.25	0.75
12:33	11.86	5.64	304.00	0.143	0.00	3.01	11.65	0.25	0.75
12:36	11.78	5.64	305.00	0.143	0.00	2.93	11.65	0.25	0.75

Total Quantity of Water Removed (L):	7.25	**Sampling Time:**	12:36 PM
Samplers:	C. Derrick	**Split Sample With:**	None
Sampling Date:	05/05/2025	**Sample Type:**	N

COMMENTS AND OBSERVATIONS:

PID = 0.2 ppm

Date Submitted: 05-06-2025 09:01
Submitted By: cderrick@eaest.com

NYSDEC SURFACE WATER/ SEDIMENT SAMPLE LOG General Information

Coordinates Northing	
Coordinates Easting	
Surface Water Elevation	
Reference Elevation	
Reference Description	
Job No.	1602534-12
Client	NYSDEC
Project	Saranac Lake
Location	
Sample Location ID	SW-400
Sampling Location Description	
Sample Method	
Width of Water Body	3 ft
Depth of Water Body	6 in
Sample DATE (start)	05-06-2025
Sample TIME (start)	08:45 (-4 GMT)
Sample DATE (finish)	
Sample TIME (finish)	08:45 (-4 GMT)

Water Quality Parameters

Time (hrs)	08:57 (-4 GMT)
pH (pH units)	5.17
Cond. (mS/cm)	0.156
Turb. (ntu)	0.000
DO (mg/L)	4.490
Temp (°C)	12.68
ORP (mV)	198.000

Description of Sediment

Description of Sediment	

Surface Conditions

Surface Conditions	
Weather	

Additional Information

Samplers	CD, KC, AR

Date Submitted: 05-06-2025 09:01
Submitted By: cderrick@eaest.com

NYSDEC SURFACE WATER/SEDIMENT SAMPLE LOG

Sampling Date	05-06-2025
Sampling Time	08:45 (-4 GMT)
Split Sample With	MS/MSD
Sample Type	Grab

Date Submitted: 05-06-2025 10:17
Submitted By: cderrick@eaest.com

NYSDEC SURFACE WATER/SEDIMENT SAMPLE LOG General Information

Coordinates Northing	
Coordinates Easting	
Surface Water Elevation	
Reference Elevation	
Reference Description	
Job No.	1602534-12
Client	NYSDEC
Project	Saranac Lake
Location	
Sample Location ID	SW-401
Sampling Location Description	
Sample Method	Grab
Width of Water Body	5 ft
Depth of Water Body	4 in
Sample DATE (start)	05-06-2025
Sample TIME (start)	09:40 (-4 GMT)
Sample DATE (finish)	
Sample TIME (finish)	09:40 (-4 GMT)

Water Quality Parameters

Time (hrs)	
pH (pH units)	6.04
Cond. (mS/cm)	0.062
Turb. (ntu)	0.000
DO (mg/L)	6.620
Temp (°C)	12.79
ORP (mV)	140.000

Description of Sediment

Description of Sediment	

Surface Conditions

Surface Conditions	
Weather	

Additional Information

Samplers	KC, CD, AR

Date Submitted: 05-06-2025 10:17
Submitted By: cderrick@eaest.com

NYSDEC SURFACE WATER/SEDIMENT SAMPLE LOG

Sampling Date	05-06-2025
Sampling Time	09:40 (-4 GMT)
Split Sample With	Duplicate
Sample Type	Grab

Date Submitted: 05-06-2025 10:50
Submitted By: cderrick@eaest.com

NYSDEC SURFACE WATER/SEDIMENT SAMPLE LOG General Information

Coordinates Northing	
Coordinates Easting	
Surface Water Elevation	
Reference Elevation	
Reference Description	
Job No.	1602534-12
Client	NYSDEC
Project	Saranac Lake
Location	
Sample Location ID	SW-402
Sampling Location Description	Upstream Creek Location 3
Sample Method	
Width of Water Body	3 ft
Depth of Water Body	6 in
Sample DATE (start)	05-06-2025
Sample TIME (start)	10:45(-4 GMT)
Sample DATE (finish)	
Sample TIME (finish)	10:45 (-4 GMT)

Water Quality Parameters

Time (hrs)	
pH (pH units)	6.31
Cond. (mS/cm)	0.060
Turb. (ntu)	0.000
DO (mg/L)	5.750
Temp (°C)	13.48
ORP (mV)	133.000

Description of Sediment

Description of Sediment	

Surface Conditions

Surface Conditions	
Weather	

Additional Information

Samplers	KC, CD, AR

Date Submitted: 05-06-2025 10:50
Submitted By: cderrick@eaest.com

NYSDEC SURFACE WATER/SEDIMENT SAMPLE LOG

Sampling Date	05-06-2025
Sampling Time	10:45 (-4 GMT)
Split Sample With	None
Sample Type	Grab

Date Submitted: 05-06-2025 11:08
Submitted By: cderrick@eaest.com

NYSDEC SURFACE WATER SAMPLE LOG

General Information

Coordinates Northing	
Coordinates Easting	
Surface Water Elevation	
Reference Elevation	
Reference Description	NA
Job No.	1602534-12
Client	NYSDEC
Project	Saranac Lake
Water Body Location	Lake
Sample Location ID	SW-403
Sample Method	Grab
Depth of Water Body	
Width of Water Body	
Sampling Date (start)	05-06-2025
Sampling Time (start)	11:10 (-4 GMT)
Surface Conditions	Clear, still
Weather	62F cloudy

Water Quality Parameters

Time	11:07 (-4 GMT)
pH (pH units)	6.71
Cond. (mS/cm)	0.073
Turb. (ntu)	0.000
DO (mg/L)	5.510
Temp (C)	13.57
ORP (mV)	88.000
Description of Surface Water	

Additional Information

Total Quantity of Water Removed (gal)	
Samplers	KC, CD, AR
Sampling Date	05-06-2025
Sampling Time	11:10 (-4 GMT)
Split Sample With	None

Date Submitted: 05-06-2025 11:08
Submitted By: cderrick@eaest.com

NYSDEC SURFACE WATER SAMPLE LOG

Sample Type	Grab

Date Submitted: 05-06-2025 09:01
Submitted By: cderrick@eaest.com

NYSDEC SURFACE WATER/SEDIMENT SAMPLE LOG General Information

Coordinates Northing	
Coordinates Easting	
Surface Water Elevation	
Reference Elevation	
Reference Description	
Job No.	1602534-12
Client	NYSDEC
Project	Saranac Lake
Location	
Sample Location ID	SD-400
Sampling Location Description	
Sample Method	
Width of Water Body	
Depth of Water Body	
Sample DATE (start)	05-06-2025
Sample TIME (start)	09:00 (-4 GMT)
Sample DATE (finish)	
Sample TIME (finish)	09:00 (-4 GMT)

Water Quality Parameters

Time (hrs)	
pH (pH units)	
Cond. (mS/cm)	
Turb. (ntu)	
DO (mg/L)	
Temp (°C)	
ORP (mV)	

Description of Sediment

Description of Sediment	Medium brown medium to coarse grained sand

Surface Conditions

Surface Conditions	
Weather	

Additional Information

Samplers	CD, KC, AR

Date Submitted: 05-06-2025 09:01
Submitted By: cderrick@eaest.com

NYSDEC SURFACE WATER/SEDIMENT SAMPLE LOG

Sampling Date	05-06-2025
Sampling Time	09:00 (-4 GMT)
Split Sample With	MS/MSD
Sample Type	Grab

Date Submitted: 05-06-2025 10:17
Submitted By: cderrick@eaest.com

NYSDEC SURFACE WATER/SEDIMENT SAMPLE LOG General Information

Coordinates Northing	
Coordinates Easting	
Surface Water Elevation	
Reference Elevation	
Reference Description	
Job No.	1602534-12
Client	NYSDEC
Project	Saranac Lake
Location	
Sample Location ID	SD-401
Sampling Location Description	
Sample Method	Grab
Width of Water Body	
Depth of Water Body	
Sample DATE (start)	05-06-2025
Sample TIME (start)	10:00 (-4 GMT)
Sample DATE (finish)	
Sample TIME (finish)	10:00(-4 GMT)

Water Quality Parameters

Time (hrs)	
pH (pH units)	
Cond. (mS/cm)	
Turb. (ntu)	
DO (mg/L)	
Temp (°C)	
ORP (mV)	

Description of Sediment

Description of Sediment	Medium brown coarse grained sand

Surface Conditions

Surface Conditions	
Weather	

Additional Information

Samplers	KC, CD, AR

Date Submitted: 05-06-2025 10:17
Submitted By: cderrick@eaest.com

NYSDEC SURFACE WATER/SEDIMENT SAMPLE LOG

Sampling Date	05-06-2025
Sampling Time	10:00(-4 GMT)
Split Sample With	Duplicate
Sample Type	Grab

Date Submitted: 05-06-2025 10:50
Submitted By: cderrick@eaest.com

NYSDEC SURFACE WATER/SEDIMENT SAMPLE LOG General Information

Coordinates Northing	
Coordinates Easting	
Surface Water Elevation	
Reference Elevation	
Reference Description	
Job No.	1602534-12
Client	NYSDEC
Project	Saranac Lake
Location	
Sample Location ID	SD-402
Sampling Location Description	Upstream Creek Location 3
Sample Method	
Width of Water Body	
Depth of Water Body	
Sample DATE (start)	05-06-2025
Sample TIME (start)	11:00 (-4 GMT)
Sample DATE (finish)	
Sample TIME (finish)	11:00 (-4 GMT)

Water Quality Parameters

Time (hrs)	
pH (pH units)	
Cond. (mS/cm)	
Turb. (ntu)	
DO (mg/L)	
Temp (°C)	
ORP (mV)	

Description of Sediment

Description of Sediment	Medium brown coarse grained sand

Surface Conditions

Surface Conditions	
Weather	

Additional Information

Samplers	KC, CD, AR

Date Submitted: 05-06-2025 10:50
Submitted By: cderrick@eaest.com

NYSDEC SURFACE WATER/SEDIMENT SAMPLE LOG

Sampling Date	05-06-2025
Sampling Time	11:00 (-4 GMT)
Split Sample With	None
Sample Type	Grab

Appendix C.

Laboratory Reports

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The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

EA Engineering

NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY

1602534.0012

SGS Job Number: JE10900

Sampling Dates: 05/05/25 - 05/06/25

Report to:

EA Engineering
339 West Washington Street Suite 300
Syracuse, NY 13202
aetringer@eaest.com; kcassidy@eaest.com;
haleyyoung@eaest.com
ATTN: Adam Etringer

Total number of pages in report: **8907**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

Olga Azarian
Technical Director

Client Service contact: Kelly Ramos 732-329-0200
Certifications: NJ(12129),NY(10983),CA,CO,CT,FL,HI,IL,IN,KY,LA (120428),MA,MD,ME,MN,NC,NH,NV, AK (UST-103),AZ (AZ0786),PA(68-00408),RI,SC,TX (T104704234),UT,VA,WA,WV

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SGS North America Inc.

Sample Summary

EA Engineering

Job No: JE10900

NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY
Project No: 1602534.0012

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
This report contains results reported as ND = Not detected. The following applies:							
Organics ND = Not detected above the MDL							
JE10900-1	05/05/25	12:36	KC	05/08/25	AQ	Ground Water	516008-MW-205S-20250505
JE10900-2	05/05/25	13:03	KC	05/08/25	AQ	Ground Water	516008-MW-204S-20250505
JE10900-3	05/05/25	13:28	KC	05/08/25	AQ	Ground Water	516008-MW-205D-20250505
JE10900-3D	05/05/25	13:28	KC	05/08/25	AQ	Water Dup/MSD	516008-MW-205D-20250505
JE10900-3S	05/05/25	13:28	KC	05/08/25	AQ	Water Matrix Spike	516008-MW-205D-20250505
JE10900-4	05/05/25	14:10	KC	05/08/25	AQ	Ground Water	516008-MW-204D-20250505
JE10900-5	05/05/25	14:51	KC	05/08/25	AQ	Ground Water	516008-MW-108R-20250505
JE10900-6	05/05/25	15:15	KC	05/08/25	AQ	Ground Water	516008-MW-104-20250505
JE10900-7	05/05/25	15:43	KC	05/08/25	AQ	Ground Water	516008-MW-106R-20250505
JE10900-8	05/05/25	16:34	KC	05/08/25	AQ	Ground Water	516008-PZ-301-20250505
JE10900-9	05/05/25	17:05	KC	05/08/25	AQ	Ground Water	516008-MW-110R-20250505
JE10900-10	05/05/25	00:00	KC	05/08/25	AQ	Ground Water	516008-FD-GW-20250505

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

EA Engineering

Job No: JE10900

NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY
Project No: 1602534.0012

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JE10900-11	05/06/25	08:45	KC	05/08/25	AQ	Surface Water	516008-SW-400-20250506
JE10900-11D	05/06/25	08:45	KC	05/08/25	AQ	Water Dup/MSD	516008-SW-400-20250506
JE10900-11S	05/06/25	08:45	KC	05/08/25	AQ	Water Matrix Spike	516008-SW-400-20250506
JE10900-12	05/06/25	09:00	KC	05/08/25	SO	Sediment	516008-SD-400-20250506
JE10900-12D	05/06/25	09:00	KC	05/08/25	SO	Soil Dup/MSD	516008-SD-400-20250506
JE10900-12S	05/06/25	09:00	KC	05/08/25	SO	Soil Matrix Spike	516008-SD-400-20250506
JE10900-13	05/06/25	09:40	KC	05/08/25	AQ	Surface Water	516008-SW-401-20250506
JE10900-14	05/06/25	10:00	KC	05/08/25	SO	Sediment	516008-SD-401-20250506
JE10900-15	05/06/25	10:45	KC	05/08/25	AQ	Surface Water	516008-SW-402-20250506
JE10900-16	05/06/25	11:00	KC	05/08/25	SO	Sediment	516008-SD-402-20250506
JE10900-17	05/06/25	00:00	KC	05/08/25	AQ	Surface Water	516008-FD-SW-20250506
JE10900-18	05/06/25	00:00	KC	05/08/25	SO	Sediment	516008-FD-SD-20250506
JE10900-19	05/06/25	11:10	KC	05/08/25	AQ	Surface Water	516008-SW-403-20250506

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

CASE NARRATIVE / CONFORMANCE SUMMARY

Client: EA Engineering **Job No:** JE10900

Site: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, **Report Date** 5/29/2025 4:36:23 PM

On 05/08/2025, 19 sample(s), 0 Trip Blank(s), 0 Equip. Blank(s) and 0 Field Blank(s) were received at SGS North America Inc. (SGS) at a temperature of 1.9 °C. The samples were intact and properly preserved, unless noted below. An SGS Job Number of JE10900 was assigned to the project. The lab sample ID, client sample ID, and date of sample collection are detailed in the report's Results Summary.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

MS Volatiles By Method SW846 8260D

Matrix: AQ **Batch ID:** V1T482

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE10900-8DUP, JE10927-1MS were used as the QC samples indicated.
- The blank spike (BS) recovery(s) of 1,1-Dichloroethene, Chloroform are outside control limits.
- The matrix spike (MS) recovery(s) of 1,1,1-Trichloroethane, 1,1-Dichloroethane, 1,2-Dichloroethane, 1,4-Dichlorobenzene, 2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone(MIBK), Acetone, Bromodichloromethane, Carbon disulfide, Carbon tetrachloride, Chloroethane, Freon 113, Methyl Acetate, Methyl Tert Butyl Ether, trans-1,2-Dichloroethene, trans-1,3-Dichloropropene, 1,1-Dichloroethene, Chloroform are outside control limits. Outside control limits due to matrix interference.
- JE10900-9: (pH=3)Sample pH did not satisfy field preservation criteria.
- JE10900-9 for Bromomethane: Associated CCV outside of control limits high, sample was ND.
- JE10900-9 for 1,1-Dichloroethene: Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
- JE10900-19 for Bromomethane: Associated CCV outside of control limits high, sample was ND.
- JE10900-19 for 1,1-Dichloroethene: Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
- V1T482-BS for 1,1-Dichloroethene: High percent recovery and no associated positive reported in the QC batch.
- V1T482-BS for Chloroform: Outside of in house control limits, but within reasonable method recovery limits.
- JE10900-8 for Bromomethane: Associated CCV outside of control limits high, sample was ND.
- JE10900-17 for 1,1-Dichloroethene: Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
- JE10900-17 for Bromomethane: Associated CCV outside of control limits high, sample was ND.
- JE10900-8 for 1,1-Dichloroethene: Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
- JE10900-13 for 1,1-Dichloroethene: Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
- JE10900-13 for Bromomethane: Associated CCV outside of control limits high, sample was ND.

Matrix: AQ **Batch ID:** V1U2709

- All samples were analyzed within the recommended method holding time.
- Sample(s) JE11034-1MS, JE11034-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- The matrix spike (MS) recovery(s) of Benzene, Ethylbenzene, Toluene are outside control limits. Outside control limits due to high level in sample relative to spike amount.
- JE10900-3: Dilution required due to high concentration of non-target compound.

MS Volatiles By Method SW846 8260D

Matrix: AQ **Batch ID:** V1U2709

- JE10900-3 for Bromomethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

Matrix: AQ **Batch ID:** V2T482

- All samples were analyzed within the recommended method holding time.
- Sample(s) JE10900-11MS, JE10900-11MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- The matrix spike (MS) recovery(s) of Chloroethane are outside control limits. Outside control limits due to matrix interference.
- The matrix spike duplicate (MSD) recovery(s) of Chloroethane are outside control limits. Probable cause due to matrix interference.
- JE10900-15 for 1,2-Dibromo-3-chloropropane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JE10900-11 for 1,2-Dibromo-3-chloropropane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JE10900-10 for 1,2-Dibromo-3-chloropropane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

Matrix: AQ **Batch ID:** V2U2708

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE10900-5DUP, JE10951-1MS were used as the QC samples indicated.
- JE10900-5 for Trichlorofluoromethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JE10900-6 for Bromomethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JE10900-6 for Trichlorofluoromethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JE10900-5 for Bromomethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JE10900-2 for Trichlorofluoromethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JE10900-2 for Bromomethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

Matrix: AQ **Batch ID:** V2U2709

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE11070-1MS, JE11070-1MSD were used as the QC samples indicated.
- JE10900-4 for Trichlorofluoromethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JE10900-1 for Bromomethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JE10900-4 for Bromomethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JE10900-1 for Trichlorofluoromethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

Matrix: AQ **Batch ID:** V2X9069

- All samples were analyzed within the recommended method holding time.
- Sample(s) JE11567-6MS, JE11567-6MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

MS Volatiles By Method SW846 8260D

Matrix: AQ **Batch ID:** V2X9069

- The blank spike (BS) recovery(s) of Trichlorofluoromethane, cis-1,2-Dichloroethene are outside control limits.
- The matrix spike (MS) recovery(s) of 1,2-Dichlorobenzene are outside control limits. Outside control limits due to high level in sample relative to spike amount.
- The matrix spike (MS) recovery(s) of 1,4-Dichlorobenzene, Benzene, Chlorobenzene are outside control limits. Outside control limits due to high level in sample relative to spike amount.
- JE10900-7 for cis-1,2-Dichloroethene: This compound in blank spike is outside in house QC limits bias high.
- JE10900-7 for Trichlorofluoromethane: Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
- V2X9069-BS for cis-1,2-Dichloroethene: Outside of in house control limits, but within the marginal exceedance limits.
- V2X9069-BS for Trichlorofluoromethane: High percent recovery and no associated positive reported in the QC batch.

Matrix: SO **Batch ID:** V1C8941

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE10900-12MS, JE10900-12MSD were used as the QC samples indicated.
- JE10900-12: Sample was not collected per 5035A specifications. Sample preserved from intact soil by laboratory out of hold time.
- JE10900-14: Sample was not collected per 5035A specifications. Sample preserved from intact soil by laboratory out of hold time.
- JE10900-16: Sample was not collected per 5035A specifications. Sample preserved from intact soil by laboratory out of hold time.
- JE10900-18: Sample was not collected per 5035A specifications. Sample preserved from intact soil by laboratory out of hold time.
- JE10900-14 for Trichlorofluoromethane: Associated CCV outside of control limits high, sample was ND.
- JE10900-18 for 2-Butanone (MEK): Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JE10900-18 for Trichlorofluoromethane: Associated CCV outside of control limits high, sample was ND.
- JE10900-16 for 2-Butanone (MEK): Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JE10900-16 for Trichlorofluoromethane: Associated CCV outside of control limits high, sample was ND.
- JE10900-12 for 2-Butanone (MEK): Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JE10900-14 for 2-Butanone (MEK): Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JE10900-12 for Trichlorofluoromethane: Associated CCV outside of control limits high, sample was ND.

MS Semi-volatiles By Method SW846 8270E

Matrix: AQ **Batch ID:** OP63449

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE10900-11MS, JE10900-11MSD, JE10900-3MS, JE10900-3MSD were used as the QC samples indicated.
- Sample(s) JE10900-3 have surrogates outside control limits. Probable cause due to matrix interference.
- JE10900-3 for 2-Fluorobiphenyl: Outside control limits due to dilution.
- JE10900-3 for Nitrobenzene-d5: Outside control limits due to dilution.
- JE10900-3 for Terphenyl-d14: Outside control limits due to dilution.

Matrix: SO **Batch ID:** OP63475

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE10900-12MS, JE10900-12MSD were used as the QC samples indicated.

General Chemistry By Method SM2540 G 18TH ED MOD

Matrix: SO **Batch ID:** GN68199

- Sample(s) JE10900-12DUP were used as the QC samples for the Solids, Percent analysis.

SGS certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting SGS's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

SGS is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. This report is authorized by SGS indicated via signature on the report cover.

Summary of Hits

Job Number: JE10900
Account: EA Engineering
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY
Collected: 05/05/25 thru 05/06/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JE10900-1	**516008-MW-205S-20250505**					
No hits reported in this sample.						
JE10900-2	**516008-MW-204S-20250505**					
No hits reported in this sample.						
JE10900-3	**516008-MW-205D-20250505**					
Benzene [a]		978	5.0	4.3	ug/l	SW846 8260D
Ethylbenzene [a]		479	10	6.0	ug/l	SW846 8260D
Isopropylbenzene [a]		23.2	10	6.5	ug/l	SW846 8260D
Styrene [a]		17.0	10	4.9	ug/l	SW846 8260D
Toluene [a]		65.1	10	4.9	ug/l	SW846 8260D
m,p-Xylene [a]		212	10	7.8	ug/l	SW846 8260D
o-Xylene [a]		226	10	5.9	ug/l	SW846 8260D
Xylene (total) [a]		438	10	5.9	ug/l	SW846 8260D
Acenaphthene		94.0	50	31	ug/l	SW846 8270E
Acenaphthylene		159	50	21	ug/l	SW846 8270E
Anthracene		4.2	1.0	0.56	ug/l	SW846 8270E
Fluoranthene		0.72 J	1.0	0.58	ug/l	SW846 8270E
Fluorene		32.8	1.0	0.59	ug/l	SW846 8270E
Naphthalene		2370	50	22	ug/l	SW846 8270E
Phenanthrene		40.3	1.0	0.48	ug/l	SW846 8270E
Pyrene		0.69 J	1.0	0.50	ug/l	SW846 8270E
JE10900-4	**516008-MW-204D-20250505**					
Benzene		17.1	0.50	0.43	ug/l	SW846 8260D
Ethylbenzene		5.8	1.0	0.60	ug/l	SW846 8260D
Isopropylbenzene		2.6	1.0	0.65	ug/l	SW846 8260D
Styrene		4.7	1.0	0.49	ug/l	SW846 8260D
Toluene		6.0	1.0	0.49	ug/l	SW846 8260D
m,p-Xylene		11.2	1.0	0.78	ug/l	SW846 8260D
o-Xylene		12.8	1.0	0.59	ug/l	SW846 8260D
Xylene (total)		24.0	1.0	0.59	ug/l	SW846 8260D
Acenaphthene		4.5	1.0	0.61	ug/l	SW846 8270E
Acenaphthylene		11.4	1.0	0.42	ug/l	SW846 8270E
Anthracene		1.5	1.0	0.56	ug/l	SW846 8270E
Fluoranthene		1.0	1.0	0.58	ug/l	SW846 8270E
Fluorene		7.4	1.0	0.59	ug/l	SW846 8270E
Naphthalene		0.98 J	1.0	0.44	ug/l	SW846 8270E
Phenanthrene		5.4	1.0	0.48	ug/l	SW846 8270E
Pyrene		0.97 J	1.0	0.50	ug/l	SW846 8270E

Summary of Hits

Job Number: JE10900
Account: EA Engineering
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY
Collected: 05/05/25 thru 05/06/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JE10900-5	**516008-MW-108R-20250505**					
No hits reported in this sample.						
JE10900-6	**516008-MW-104-20250505**					
Ethylbenzene		3.5	1.0	0.60	ug/l	SW846 8260D
Isopropylbenzene		2.8	1.0	0.65	ug/l	SW846 8260D
Styrene		2.4	1.0	0.49	ug/l	SW846 8260D
m,p-Xylene		5.4	1.0	0.78	ug/l	SW846 8260D
o-Xylene		2.4	1.0	0.59	ug/l	SW846 8260D
Xylene (total)		7.8	1.0	0.59	ug/l	SW846 8260D
Acenaphthene		57.4	1.0	0.61	ug/l	SW846 8270E
Acenaphthylene		5.4	1.0	0.42	ug/l	SW846 8270E
Fluoranthene		2.5	1.0	0.58	ug/l	SW846 8270E
Fluorene		11.5	1.0	0.59	ug/l	SW846 8270E
Phenanthrene		3.6	1.0	0.48	ug/l	SW846 8270E
Pyrene		3.5	1.0	0.50	ug/l	SW846 8270E
JE10900-7	**516008-MW-106R-20250505**					
Acetone		3.9 J	10	3.1	ug/l	SW846 8260D
Ethylbenzene		2.5	1.0	0.60	ug/l	SW846 8260D
Toluene		1.8	1.0	0.49	ug/l	SW846 8260D
m,p-Xylene		2.0	1.0	0.78	ug/l	SW846 8260D
o-Xylene		1.3	1.0	0.59	ug/l	SW846 8260D
Xylene (total)		3.3	1.0	0.59	ug/l	SW846 8260D
JE10900-8	**516008-PZ-301-20250505**					
No hits reported in this sample.						
JE10900-9	**516008-MW-110R-20250505**					
Acetone [b]		915	100	31	ug/l	SW846 8260D
Benzene [b]		151	0.50	0.43	ug/l	SW846 8260D
2-Butanone (MEK) [b]		72.8	10	2.7	ug/l	SW846 8260D
Carbon disulfide [b]		2.2	2.0	1.8	ug/l	SW846 8260D
Ethylbenzene [b]		179	1.0	0.60	ug/l	SW846 8260D
Isopropylbenzene [b]		9.5	1.0	0.65	ug/l	SW846 8260D
Styrene [b]		87.8	1.0	0.49	ug/l	SW846 8260D
Toluene [b]		257	10	4.9	ug/l	SW846 8260D
m,p-Xylene [b]		180	1.0	0.78	ug/l	SW846 8260D
o-Xylene [b]		111	1.0	0.59	ug/l	SW846 8260D

Summary of Hits

Job Number: JE10900
Account: EA Engineering
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY
Collected: 05/05/25 thru 05/06/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Xylene (total) [b]		291	1.0	0.59	ug/l	SW846 8260D
Acenaphthene		47.5	1.0	0.61	ug/l	SW846 8270E
Acenaphthylene		125	20	8.5	ug/l	SW846 8270E
Anthracene		12.9	1.0	0.56	ug/l	SW846 8270E
Benzo(a)anthracene		2.0	1.0	0.51	ug/l	SW846 8270E
Benzo(a)pyrene		1.7	1.0	0.63	ug/l	SW846 8270E
Benzo(b)fluoranthene		1.1	1.0	0.57	ug/l	SW846 8270E
Benzo(g,h,i)perylene		1.4	1.0	0.64	ug/l	SW846 8270E
Chrysene		1.7	1.0	0.52	ug/l	SW846 8270E
Fluoranthene		10.9	1.0	0.58	ug/l	SW846 8270E
Fluorene		32.2	1.0	0.59	ug/l	SW846 8270E
Indeno(1,2,3-cd)pyrene		0.75 J	1.0	0.64	ug/l	SW846 8270E
Naphthalene		1030	20	8.8	ug/l	SW846 8270E
Phenanthrene		38.3	1.0	0.48	ug/l	SW846 8270E
Pyrene		17.2	1.0	0.50	ug/l	SW846 8270E
JE10900-10	**516008-FD-GW-20250505**					
Naphthalene		0.54 J	1.0	0.44	ug/l	SW846 8270E
JE10900-11	**516008-SW-400-20250506**					
No hits reported in this sample.						
JE10900-12	**516008-SD-400-20250506**					
Acenaphthylene		37.7 J	42	21	ug/kg	SW846 8270E
Benzo(a)anthracene		55.3	42	12	ug/kg	SW846 8270E
Benzo(a)pyrene		74.1	42	19	ug/kg	SW846 8270E
Benzo(b)fluoranthene		70.0	42	18	ug/kg	SW846 8270E
Benzo(g,h,i)perylene		56.6	42	21	ug/kg	SW846 8270E
Benzo(k)fluoranthene		19.5 J	42	19	ug/kg	SW846 8270E
Chrysene		57.6	42	13	ug/kg	SW846 8270E
Fluoranthene		40.2 J	42	19	ug/kg	SW846 8270E
Indeno(1,2,3-cd)pyrene		29.7 J	42	19	ug/kg	SW846 8270E
Pyrene		83.7	42	13	ug/kg	SW846 8270E
JE10900-13	**516008-SW-401-20250506**					
No hits reported in this sample.						
JE10900-14	**516008-SD-401-20250506**					
Pyrene		12.2 J	35	11	ug/kg	SW846 8270E

Summary of Hits

Job Number: JE10900
Account: EA Engineering
Project: NYSDEC SMP-D Site- Saranac Lake Payeville Lane, Saranac Lake, NY
Collected: 05/05/25 thru 05/06/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method

JE10900-15 **516008-SW-402-20250506**

No hits reported in this sample.

JE10900-16 **516008-SD-402-20250506**

No hits reported in this sample.

JE10900-17 **516008-FD-SW-20250506**

No hits reported in this sample.

JE10900-18 **516008-FD-SD-20250506**

No hits reported in this sample.

JE10900-19 **516008-SW-403-20250506**

No hits reported in this sample.

(a) Dilution required due to high concentration of non-target compound.
(b) (pH= 3)Sample pH did not satisfy field preservation criteria.

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- Sample Tracking Chronicle
- Internal Chain of Custody

SGS

GW
SO
SW

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 2

FED-EX Tracking #	Bottle Order Control #
4392 3975 3032	KR-041125-164
SGS Quote #	SGS Job #
	JE10900

Client / Reporting Information	Project Information	
Company Name: EA Engineering	Project Name: Saranac Lake Gas Co.	
Street Address: 333 W Washington Street	Street: Payeville Ln	Billing Information (If different from Report to)
City: Syracuse State: NY Zip: 13202	City: Saranac Lake State: NY	Company Name: EA Engineering
Project Contact: A. Etringer E-mail: aetringer@eaest.com	Project #: 1602534.0012	Street Address: 25 Western Ave
Phone #: 315-565-6564	Client Purchase Order #	City: Marlboro State: NY Zip: 12547
Sampler(s) Name(s): K. Cassidy Phone #: 315-234-0552	Project Manager: Adam Etringer	Attention: Melanie Dina, northeastap@eaest.com

Analysis Requested: PAH 8270; VOCs 8260

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	PAH 8270	VOCs 8260	LAB USE ONLY
1	516008-MW-205S-20250505	•	5/5/25	1236	KC	G	N	GW		3				2				x	x	E35
2	516008-MW-204S-20250505	•	5/5/25	1303	KC	G	N	GW		3				2				x	x	
3	516008-MW-205D-20250505	•••	5/5/25	1328	KC	G	N	GW		9				6				x	x	U432
4	516008-MW-204D-20250505	•	5/5/25	1410	KC	G	N	GW		3				2				x	x	
5	516008-MW-108R-20250505	•	5/5/25	~~1445~~ 1451	KC	G	N	GW		3				2				x	x	B27
6	516008-MW-104-20250505	•	5/5/25	1515	KC	G	N	GW		3				2				x	x	
7	516008-MW-106R-20250505	•	5/5/25	1543	KC	G	N	GW		3				2				x	x	L48T1
8	516008-PZ-301-20250505	•	5/5/25	1634	KC	G	N	GW		3				2				x	x	49606
9	516008-MW-118R-20250505	•	5/5/25	1705	KC	G	N	GW		3				2				x	x	14LI
10	516008-FD-GW-20250505	•	5/5/25	—	KC	G	N	GW		3				2				x	x	
11	516008-SW-400-20250506	•••	5/6/25	0845	KC	G	N	SW		9				6				x	x	
12	516008-SD-400-20250506		5/6/25	0900	KC	G	N	SED						6	6	3		x	x	

pH Check (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)
- [ ] Full Tier I (Level 4)
- [ ] Commercial "C"
- [ ] NJ DKQP
- [ ] NYASP Category A
- [x] NYASP Category B
- [ ] MA MCP Criteria
- [ ] CT RCP Criteria
- [ ] State Forms
- [x] EDD Format NYSDEC Equis EDD V5

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

Comments / Special Instructions

-Extra volume collected for MS/MSD with 516008-MW-205D-20250505, 516008-SW-400-20250506, and 516008-SD-400-20250506
-Please copy Haley Young haleyyoung@eaest.com

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

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

Relinquished by:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
1 K. Cassidy	5/7/25 1300	1 FedEx	2 FedEx	5/8/25 12:38	2 [signature]
3		3	4		4
5		5	Custody Seal #	☐ Intact ☐ Not intact ☐ Absent	Therm ID: On Ice X Cooler Temp. °C 1.4

See Sample Receipt Summary

EHSA-QAC-0023-06 Rev.Date:9/24/2024

• 2x250mL 8270

Initial Assessment 3B
Label Verification______

5.1

5

JE10900: Chain of Custody
Page 1 of 3

CHAIN OF CUSTODY

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX. 732-329-3499/3480
www.sgs.com/ehsusa

FED-EX Tracking #:
Bottle Order Control #:
SGS Quote #:
SGS Job #: JE10900

See page 1

Client / Reporting Information

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

Project Information

Project Name:
Street:
City: State:
Project #:
Client Purchase Order #:
Project Manager:

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

Requested Analysis: PAH 8270, VOCs 8260

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

Sample #	Field ID / Point of Collection		Date	Time	Sampled by	Type	Source	Matrix	Bottles		Bottles (NONE)			PAH 8270	VOCs 8260	LAB USE ONLY
13	516008-SW-401-20250506	•	5/6/25	0940	KL	G	N	SW	3		2			X	X	
14	516008-SD-401-20250506		5/6/25	1000	KL	G	N	SED			2	2	1	X	X	
15	516008-SW-402-20250506	•	5/6/25	1045	KL	G	N	SW	3		2			X	X	
[illegible]	516008-SD-402-20250506		5/6/25	1100	KL	G	N	SED			2	2	1	X	X	
17	516008-FD-SW-20250506	•	5/6/25	—	KL	G	N	SW	3		2			X	X	
18	516008-FD-SD-20250506		5/6/25	—	KL	G	N	SED			2	2	1	X	X	
19	516008-SW-403-20250506	•	5/6/25	1110	KL	G	N	SW	3		2			X	X	

Turn Around Time (Business Days)

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

Approved By (SGS PM) / Date:

Approval needed for 1-5 BD TAT

Deliverable

- [ ] Commercial "A" (Level 1)
- [X] Commercial "B" (Level 2) ~~~~ (crossed out)
- [ ] NJ Reduced (Level 3)
- [ ] Full Tier I (Level 4)
- [ ] Commercial "C"
- [ ] NJ DKQP
- [ ] NYASP Category A
- [X] NYASP Category B
- [ ] MA MCP Criteria
- [ ] CT RCP Criteria
- [ ] State Forms NYSDEC EquisEdd V5
- [X] EDD Format

Comments / Special Instructions: -Please copy Haley Young haleyyoung@eaest.com

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

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

Relinquished by	Date Time	Received by	Relinquished By	Date Time	Received By
1 Z Cassidy	5/7/25 1300	1 Fed Ex	2 Fed Ex	5/8/25 10:35	2 [signature]
3		3	4		4
5		5	Custody Seal #		Therm ID / On Ice / Cooler Temp. °C

EHSA-QAC-0023-05 Rev. Date 8/5/22

JE10900: Chain of Custody
Page 2 of 3

SGS Sample Receipt Summary

Job Number: JE10900 **Client:** EA ENGINEERING **Project:** NYSDEC SMP-D SITE- SARANAC LAKE P

Date / Time Received: 5/8/2025 10:35:00 AM **Delivery Method:** FED EX **Airbill #'s:** 4392 3975 3032

Cooler Temps (Raw Measured) °C: Cooler 1: (1.4);

Cooler Temps (Corrected) °C: Cooler 1: (1.9);

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	IR-50		
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	1		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☑	☐
2. Trip Blank listed on COC:	☐		☑	☐
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☑		☐	☐

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Test Strip Lot #s: pH 1-12: 231619 pH 12+: 203117A Other: (Specify)

Comments

SM089-03
Rev. Date 12/7/17

Appendix D.

Mann-Kendall Trend Analysis

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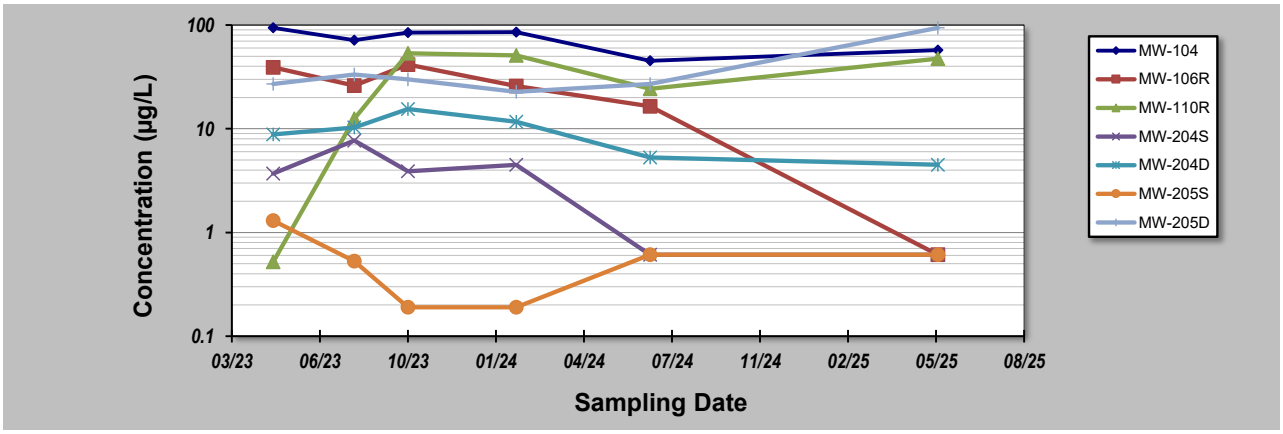
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	5-May-25	Job ID:	DEC Site #516008
Facility Name:	Saranac Lake Gas Co.	Constituent:	Acenaphthene
Conducted By:	K. Cassidy	Concentration Units:	µg/L

Sampling Point ID:	MW-104	MW-106R	MW-110R	MW-204S	MW-204D	MW-205S	MW-205D
Sampling Event	Sampling Date	ACENAPHTHENE CONCENTRATION (µg/L)						
1	May-23	94	39	0.52	3.7	8.8	1.3	27
2	Aug-23	71.4	26.1	12.5	7.7	10.3	0.53	33.4
3	Oct-23	84.6	41.6	53.4	3.9	15.5	0.19	29.9
4	Feb-24	85.6	25.8	51	4.5	11.7	0.19	22.7
5	Jul-24	45.2	16.5	24.3	0.61	5.3	0.61	27.1
6	May-25	57.4	0.61	47.5	0.61	4.5	0.61	94
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:		0.26	0.61	0.71	0.76	0.44	0.71	0.70
Mann-Kendall Statistic (S):		-7	-11	5	-6	-5	-1	3
Confidence Factor:		86.4%	97.2%	76.5%	81.5%	76.5%	50.0%	64.0%
Concentration Trend:		Stable	Decreasing	No Trend	Stable	Stable	Stable	No Trend



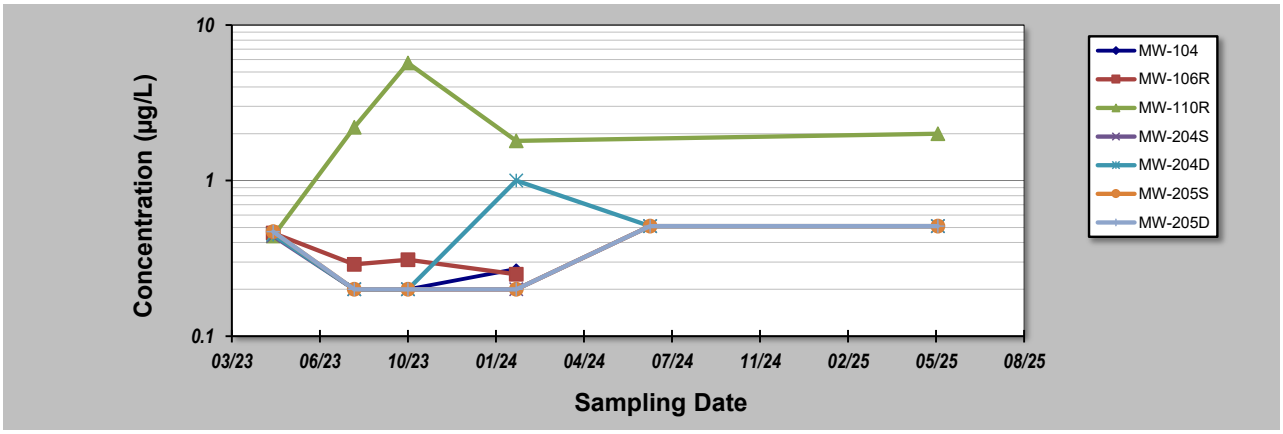
Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.
4. MW-108R was omitted from this analysis due to all results being non-detect across all analytes for all sampling events.
5. Values highlighted red exceed NYSDEC Class GA groundwater standards, and values highlighted blue are non-detects (approximate values).

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	5-May-25	Job ID:	DEC Site #516008
Facility Name:	Saranac Lake Gas Co.	Constituent:	Benzo(A)Anthracene
Conducted By:	K. Cassidy	Concentration Units:	µg/L

Sampling Point ID:		MW-104	MW-106R	MW-110R	MW-204S	MW-204D	MW-205S	MW-205D
Sampling Event	Sampling Date	BENZO(A)ANTHRACENE CONCENTRATION (µg/L)						
1	May-23	0.45	0.46	0.44	0.44	0.45	0.47	0.47
2	Aug-23	0.2	0.29	2.2	0.2	0.2	0.2	0.2
3	Oct-23	0.2	0.31	5.7	0.2	0.2	0.2	0.2
4	Feb-24	0.27	0.25	1.8	0.2	1	0.2	0.2
5	Jul-24	0.51 U	0.51 U	5.1 U	0.51	0.51	0.51	0.51
6	May-25	0.51 U	0.51 U	2	0.51	0.51	0.51	0.51
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:		0.42	0.28	0.81	0.46	0.61	0.47	0.47
Mann-Kendall Statistic (S):		-1	-4	2	5	5	5	5
Confidence Factor:		50.0%	83.3%	59.2%	76.5%	76.5%	76.5%	76.5%
Concentration Trend:		Stable	Stable	No Trend	No Trend	No Trend	No Trend	No Trend



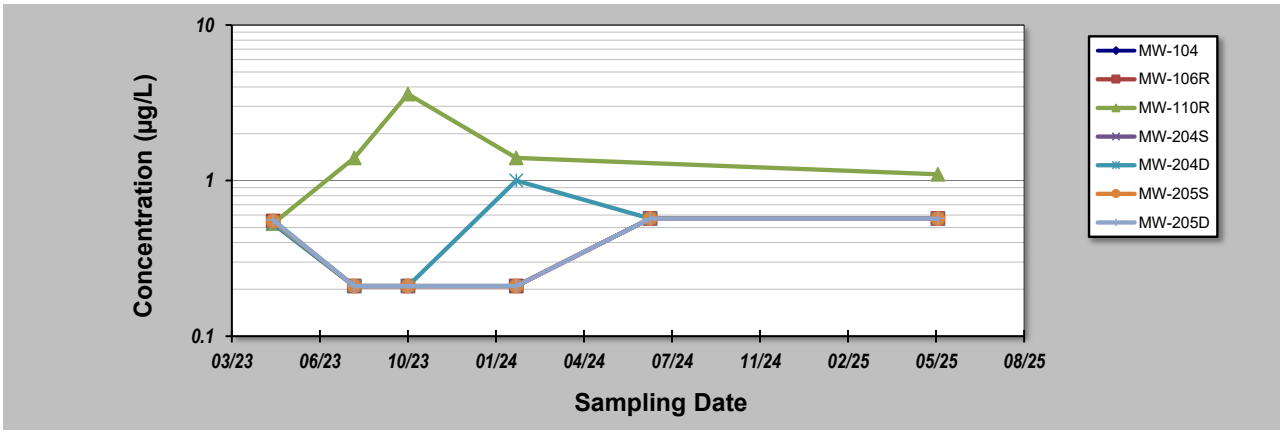
Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.
4. MW-108R was omitted from this analysis due to all results being non-detect across all analytes for all sampling events.
5. Values highlighted red exceed NYSDEC Class GA groundwater standards, and values highlighted blue are non-detects (approximate values).

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	5-May-25	Job ID:	DEC Site #516008
Facility Name:	Saranac Lake Gas Co.	Constituent:	Benzo(B)Fluoranthene
Conducted By:	K. Cassidy	Concentration Units:	µg/L

Sampling Point ID:	MW-104	MW-106R	MW-110R	MW-204S	MW-204D	MW-205S	MW-205D
Sampling Event	Sampling Date	BENZO(B)FLUORANTHENE CONCENTRATION (µg/L)						
1	May-23	0.53	0.55	0.53	0.53	0.53	0.55	0.56
2	Aug-23	0.21	0.21	1.4	0.21	0.21	0.21	0.21
3	Oct-23	0.21	0.21	3.6	0.21	0.21	0.21	0.21
4	Feb-24	0.21	0.21	1.4	0.21	1	0.21	0.21
5	Jul-24	0.57	0.57	5.7 U	0.57	0.57	0.57	0.57
6	May-25	0.57	0.57	1.1	0.57	0.57	0.57	0.57
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:		0.50	0.50	0.73	0.50	0.57	0.50	0.50
Mann-Kendall Statistic (S):		5	5	1	5	5	5	5
Confidence Factor:		76.5%	76.5%	50.0%	76.5%	76.5%	76.5%	76.5%
Concentration Trend:		No Trend	No Trend	No Trend	No Trend	No Trend	No Trend	No Trend



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
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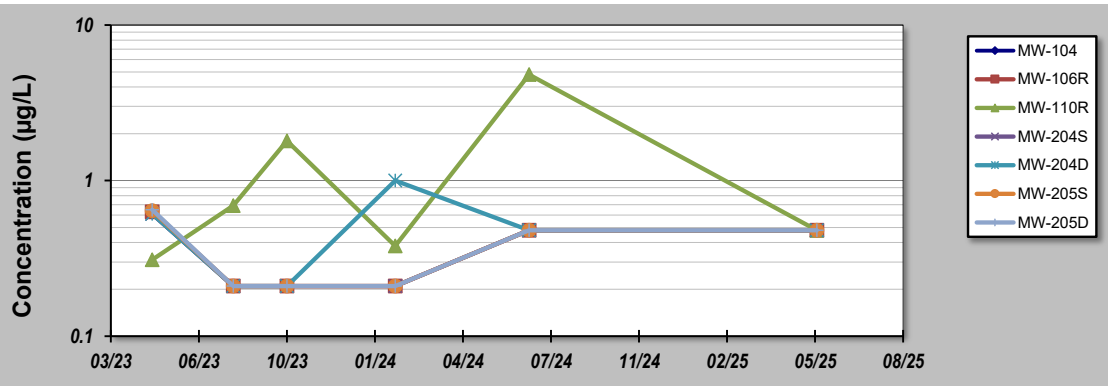
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.
4. MW-108R was omitted from this analysis due to all results being non-detect across all analytes for all sampling events.
5. Values highlighted red exceed NYSDEC Class GA groundwater standards, and values highlighted blue are non-detects (approximate values).

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	5-May-25	Job ID:	DEC Site #516008
Facility Name:	Saranac Lake Gas Co.	Constituent:	Benzo(K)Fluoranthene
Conducted By:	K. Cassidy	Concentration Units:	µg/L

Sampling Point ID:	MW-104	MW-106R	MW-110R	MW-204S	MW-204D	MW-205S	MW-205D
Sampling Event	Sampling Date	BENZO(K)FLUORANTHENE CONCENTRATION (µg/L)						
1	May-23	0.61	0.63	0.31	0.61	0.61	0.64	0.65
2	Aug-23	0.21	0.21	0.69	0.21	0.21	0.21	0.21
3	Oct-23	0.21	0.21	1.8	0.21	0.21	0.21	0.21
4	Feb-24	0.21	0.21	0.38	0.21	1	0.21	0.21
5	Jul-24	0.48	0.48	4.8	0.48	0.48	0.48	0.48
6	May-25	0.48	0.48	0.48	0.48	0.48	0.48	0.48
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:		0.49	0.50	1.24	0.49	0.59	0.50	0.51
Mann-Kendall Statistic (S):		1	1	5	1	1	1	1
Confidence Factor:		50.0%	50.0%	76.5%	50.0%	50.0%	50.0%	50.0%
Concentration Trend:		No Trend	No Trend	No Trend	No Trend	No Trend	No Trend	No Trend



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.
4. MW-108R was omitted from this analysis due to all results being non-detect across all analytes for all sampling events.
5. Values highlighted red exceed NYSDEC Class GA groundwater standards, and values highlighted blue are non-detects (approximate values).

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	5-May-25	Job ID:	DEC Site #516008
Facility Name:	Saranac Lake Gas Co.	Constituent:	Chrysene
Conducted By:	K. Cassidy	Concentration Units:	µg/L

Sampling Point ID:	MW-104	MW-106R	MW-110R	MW-204S	MW-204D	MW-205S	MW-205D
Sampling Event	Sampling Date	CHRYSENE CONCENTRATION (µg/L)						
1	May-23	0.43	0.44	0.43	0.43	0.43	0.45	0.46
2	Aug-23	0.18	0.19	2.2	0.18	0.18	0.18	0.18
3	Oct-23	0.18	0.27	5.7	0.18	0.18	0.18	0.18
4	Feb-24	0.18	0.18	1.5	0.18	0.88	0.18	0.18
5	Jul-24	0.52	0.52	5.2 U	0.52	0.52	0.52	0.52
6	May-25	0.52	0.52	1.7	0.52	0.52	0.52	0.52
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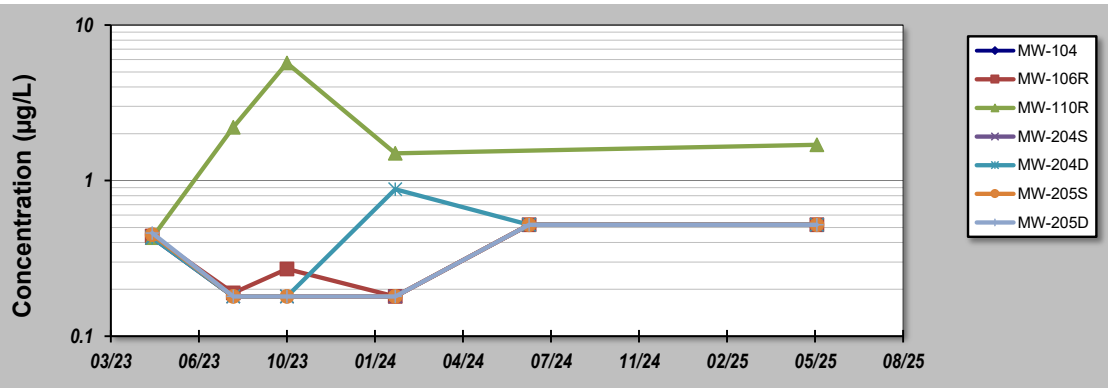
Coefficient of Variation:		0.52	0.45	0.87	0.52	0.58	0.52	0.52
Mann-Kendall Statistic (S):		5	4	2	5	5	5	5
Confidence Factor:		76.5%	70.3%	59.2%	76.5%	76.5%	76.5%	76.5%
Concentration Trend:		No Trend	No Trend	No Trend	No Trend	No Trend	No Trend	No Trend



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.
4. MW-108R was omitted from this analysis due to all results being non-detect across all analytes for all sampling events.
5. Values highlighted red exceed NYSDEC Class GA groundwater standards, and values highlighted blue are non-detects (approximate values).

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	5-May-25	Job ID:	DEC Site #516008
Facility Name:	Saranac Lake Gas Co.	Constituent:	Ideno(1,2,3)pyrene
Conducted By:	K. Cassidy	Concentration Units:	µg/L

Sampling Point ID:	MW-104	MW-106R	MW-110R	MW-204S	MW-204D	MW-205S	MW-205D
Sampling Event	Sampling Date	IDENO(1,2,3)PYRENE CONCENTRATION (µg/L)						
1	May-23	0.76	0.78	0.75	0.75	0.76	0.79	0.81
2	Aug-23	0.33	0.33	0.77	0.33	0.33	0.33	0.33
3	Oct-23	0.33	0.33	2.1	0.33	0.33	0.33	0.33
4	Feb-24	0.33	0.33	0.62	0.33	1.7	0.33	0.33
5	Jul-24	0.64	0.64	6.4	0.64	0.64	0.64	0.64
6	May-25	0.64	0.64	0.75	0.64	0.64	0.64	0.64
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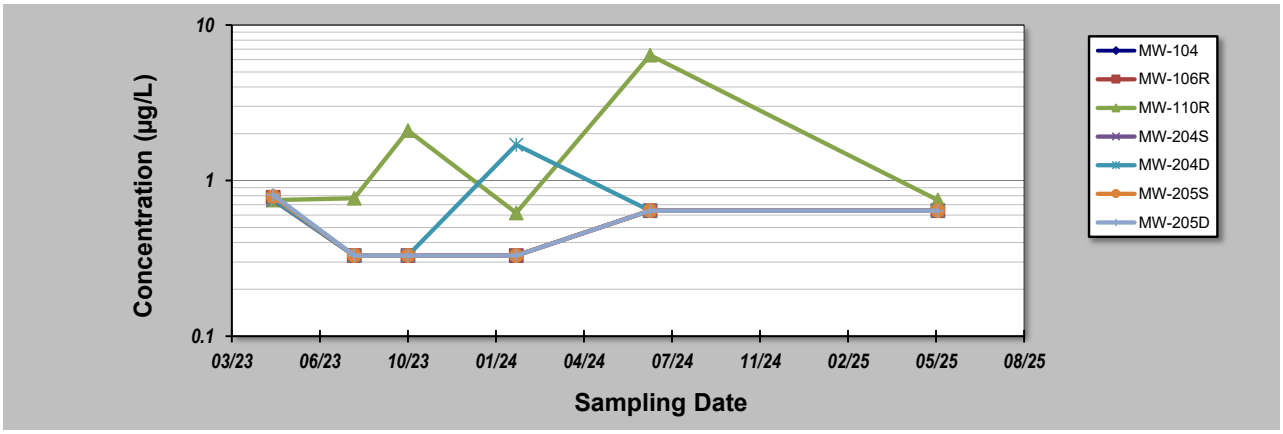
Coefficient of Variation:		0.39	0.40	1.20	0.39	0.69	0.40	0.41
Mann-Kendall Statistic (S):		1	1	2	1	1	1	1
Confidence Factor:		50.0%	50.0%	57.0%	50.0%	50.0%	50.0%	50.0%
Concentration Trend:		No Trend	No Trend	No Trend	No Trend	No Trend	No Trend	No Trend



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.
4. MW-108R was omitted from this analysis due to all results being non-detect across all analytes for all sampling events.
5. Values highlighted red exceed NYSDEC Class GA groundwater standards, and values highlighted blue are non-detects (approximate values).

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	5-May-25	Job ID:	DEC Site #516008
Facility Name:	Saranac Lake Gas Co.	Constituent:	Naphthalene
Conducted By:	K. Cassidy	Concentration Units:	µg/L

Sampling Point ID:	MW-104	MW-106R	MW-110R	MW-204S	MW-204D	MW-205S	MW-205D
Sampling Event	Sampling Date	NAPHTHALENE CONCENTRATION (µg/L)						
1	May-23	500	500	0.57	200	190	0.6	2300
2	Aug-23	446	237	261	202	225	0.23	1950
3	Oct-23	385	253	1640	162	727	0.23	2620
4	Feb-24	573	281	876	159	279	0.23	2260
5	Jul-24	232	0.44	462	1.3	184	0.44	2640
6	May-25	0.44	0.44	1030	0.44	0.98	0.44	2370
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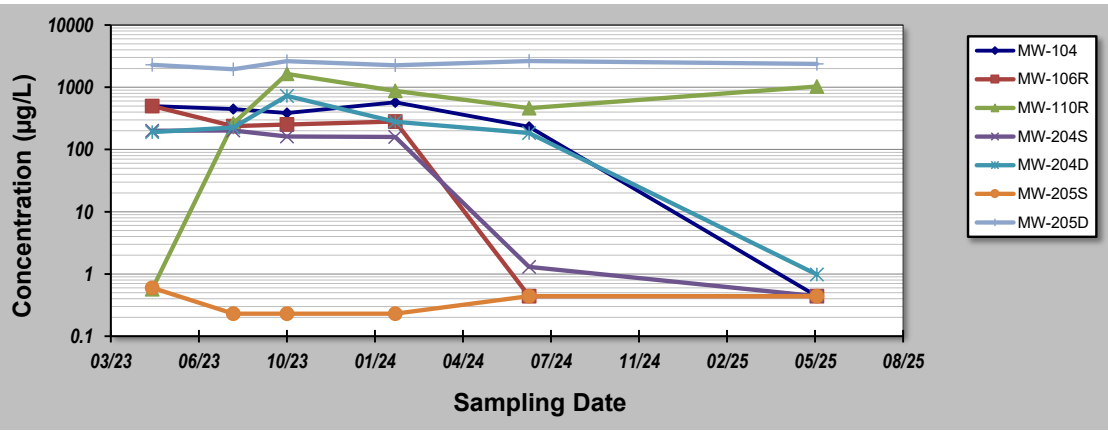
Coefficient of Variation:		0.59	0.89	0.83	0.78	0.91	0.43	0.11
Mann-Kendall Statistic (S):		-9	-8	7	-13	-5	1	5
Confidence Factor:		93.2%	89.8%	86.4%	99.2%	76.5%	50.0%	76.5%
Concentration Trend:		Prob. Decreasing	Stable	No Trend	Decreasing	Stable	No Trend	No Trend



Notes:

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2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.
4. MW-108R was omitted from this analysis due to all results being non-detect across all analytes for all sampling events.
5. Values highlighted red exceed NYSDEC Class GA groundwater standards, and values highlighted blue are non-detects (approximate values).

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	5-May-25	Job ID:	DEC Site #516008
Facility Name:	Saranac Lake Gas Co.	Constituent:	Phenanthrene
Conducted By:	K. Cassidy	Concentration Units:	µg/L

Sampling Point ID:	MW-104	MW-106R	MW-110R	MW-204S	MW-204D	MW-205S	MW-205D
Sampling Event	Sampling Date	PHENANTHRENE CONCENTRATION (µg/L)						
1	May-23	52	21	0.49	1.2	9.8	0.52	25
2	Aug-23	48.6	14	11.7	8.5	11.5	0.18	32.4
3	Oct-23	62.9	22.3	41	2	14.8	0.18	32.5
4	Feb-24	55.5	17.4	28.2	1.1	14.2	0.24	27.2
5	Jul-24	31.3	12.3	17.7	0.48	8	0.48	26.9
6	May-25	3.6	0.48	38.3	0.48	5.4	0.48	40.3
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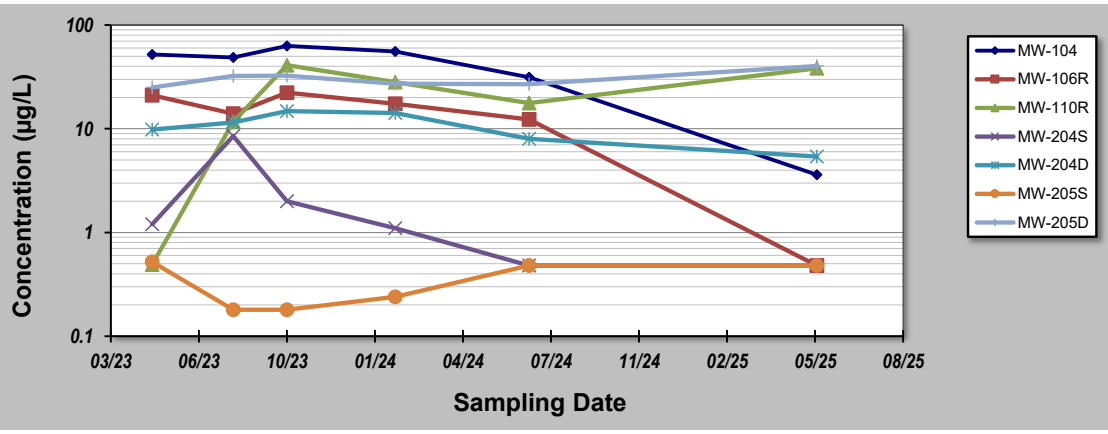
Coefficient of Variation:		0.51	0.54	0.69	1.35	0.34	0.47	0.18
Mann-Kendall Statistic (S):		-7	-9	7	-10	-5	3	5
Confidence Factor:		86.4%	93.2%	86.4%	95.2%	76.5%	64.0%	76.5%
Concentration Trend:		Stable	Prob. Decreasing	No Trend	Decreasing	Stable	No Trend	No Trend



Notes:

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