ARCADIS

Mr. Tracey Garland
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Environmental Conservation
Division of Environmental Remediation
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April 14, 2026

Subject: **Annual Monitoring Report 2025**
Mechanicville Central Avenue Former MGP Site
Mechanicville, New York
NYSDEC Site: 5-46-033

Dear Mr. Garland:

Arcadis on behalf New York State Electric and Gas Corporation (NYSEG), is submitting the enclosed Annual Monitoring Report 2025 for Mechanicville Central Avenue Former MGP Site.

If you have any questions or concerns, please do not hesitate to contact me at 315 671-9219 or ryan.merrell@arcadis.com.

Sincerely,

Arcadis

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Project Manager

cc:
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New York State Electric and Gas Corporation

Annual Monitoring Report 2025

Mechanicville Central Avenue Former MGP Site
Mechanicville, New York

NYSDEC Site: 5-46-033

April 2026

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Acronyms and Abbreviations

AECOM	AECOM USA, Inc.
Arcadis	Arcadis of New York, Inc.
AWQS/GV	Ambient Water Quality Standards and Guidance Values
DO	dissolved oxygen
MGP	manufactured gas plant
NAPL	non-aqueous phase liquid
NYSDEC	New York State Department of Environmental Conservation
NYSEG	New York State Electric and Gas Corporation
ORP	oxidation/reduction potential
PAH	polycyclic aromatic hydrocarbon
PRR	Periodic Review Report
PVC	polyvinyl chloride
SMP	site management plan
USEPA	United States Environmental Protection Agency
mg/L	milligrams per liter

1 Introduction and Background

1.1 Introduction

On behalf of New York State Electric and Gas Corporation (NYSEG), Arcadis of New York, Inc. (Arcadis) has prepared this Annual Report in accordance with the Site Management Plan (SMP) prepared by AECOM USA (AECOM), dated April 2011 (AECOM 2011) and draft revised SMP submitted by Arcadis of New York, Inc. (Arcadis) on January 29, 2026 (Arcadis 2026).

1.2 Background

The Mechanicville Central Avenue Former MGP Site (Site) is located on North Central Avenue in Mechanicville, Saratoga County, New York (Figure 1). The Site is bordered on the east by North Central Avenue (formerly the Champlain Canal); on the south by Ferris Lane; on the west by G. A. Bove & Sons, a fuel distributor; and on the north by the Anthony Kill, a small tributary that flows eastward into the Hudson River.

In accordance with the SMP, the 2025 monitoring event included the completion of an annual inspection and non-aqueous phase liquid (NAPL) monitoring and removal (if needed) including the following activities:

- Conducting an annual inspection, including assessment of:
  - Perimeter fence integrity
  - Anthony Kill for the presence of NAPL-related ebullition and sheens in water and sediment
- Assessing the integrity of the monitoring well network.
- Inspecting the Site cover and assessing whether Site modifications occurred, including excavation activity, change in use, or new structures.
- Documenting any changes at the Site that could compromise effectiveness of the engineering or institutional controls.
- Checking wells comprising the NAPL Monitoring Program for the presence of NAPL, recording measurable thicknesses of accumulated NAPL, and removing accumulated NAPL from wells containing a thickness exceeding 0.5 feet.

The SMP requires that groundwater sampling be conducted once every two years until the results meet the groundwater standards, criteria, and guidelines for at least two consecutive sampling events. The next sampling event will be completed in 2027.

Additional tasks (not required by the 2011 SMP) were completed at the Site in 2025 per the 2021 Periodic Review Report (PRR; AECOM 2021). These tasks consisted of the following and are included in revised draft January 2026 SMP:

- Gauging all “non-SMP” accessible monitoring wells for the presence of NAPL and, if detected, measuring the thickness present. The term “non-SMP” means monitoring wells that exist at the Site but are not part of the NAPL or groundwater monitoring programs defined in the SMP.
- Completing a NAPL recovery assessment at monitoring well MW-1I.

A description of the work performed and the associated findings from this 2025 annual monitoring event are provided in the following sections.

2 Annual Inspection

Annual inspection activities have been conducted at the Site since 2011 and included evaluating the perimeter fence integrity, Anthony Kill, streambank erosion and vegetation, site cover and usage, and the well network. The annual streambank erosion and vegetation monitoring was discontinued based on approval of the 2024 Annual Monitoring Report as described in New York State Department of Environmental Conservation (NYSDEC) approval letter dated May 20, 2025. A description of the above activities is presented below.

2.1 Fence Integrity

A visual assessment of the Site perimeter fence was performed on October 13, 2025. The perimeter fence appeared to be in good condition and no breaks, holes, or significant deterioration were observed.

2.2 Anthony Kill Monitoring

The Anthony Kill was observed for signs of visible NAPL ebullition and sheens on October 13, 2025. No sheen was observed on the water surface prior to sediment probing. Sediments were subsequently probed with a rod to a depth of approximately six inches for signs of NAPL accumulation. After probing, a sheen was observed on the water surface at the location referenced in Appendix A. Once the sheen dissipated, no additional areas of sheen were noted during inspection. No NAPL was noted on the probing rod or in the Anthony Kill during the inspection. The observations are consistent with past streambank and creek observation events with the most recent observation of sheen identified on September 27 and September 30, 2022 (AECOM 2023a) and October 8, 2024 (Arcadis 2025). A summary of streambank observations is presented in Appendix A.

2.3 Streambank Erosion and Surface Coverage Assessment

The southern bank of the Anthony Kill (where soil removal was performed) required annual inspection for five years (through 2016) to assess the condition of the vegetative cover and erosion of the restored bank. Inspections continued beyond 2016, through 2024. In the Annual Monitoring Report 2024 to the NYSDEC dated February 27, 2025, NYSEG requested that the annual inspections be discontinued. The NYSDEC approved the request in a letter dated May 20, 2025. In that letter, the NYSDEC requested that photographs of the southern stream bank be taken to document stream bank conditions. Streambank photographs are provided in Appendix B (Photographs 34 through 38).

2.4 Assessment of Site Cover and Use

The site cover and usage were evaluated on October 13, 2025, and conditions are consistent with those observed in 2024. No evidence of intrusive activity, excavation, or construction were observed at the Site and no significant site cover erosion was identified.

Since there are no new occupied structures at the Site, indoor air quality monitoring is not currently required. The Annual Site Inspection form is included as Appendix C.

2.5 Well Network Assessment

The well network assessment was performed on October 13, 2025 and included assessing each well for the presence of NAPL, missing/needed bolts, curb box condition, J-plugs, locks, and general condition. Wells comprising the network are divided into two programs: (1) the NAPL Monitoring Program; or (2) the Groundwater Monitoring Program. The wells comprising these two programs are shown on Figure 2. Table 1 presents the well gauging results and inspection notes. In addition to the wells comprising the two programs noted above, 13 additional “non-SMP” monitoring wells exist at the Site. While monitoring of these additional wells is not required by the SMP, they have historically been monitored for water level and total depth and water-level data for some wells are used to assess groundwater flow conditions. Gauging results for these wells are also presented in Table 1.

Photographs of the wells taken during the Site inspection are included in Appendix B.

2.5.1 NAPL Monitoring Program

The NAPL Monitoring Program contained in the SMP identifies that the following wells be monitored for the presence of NAPL:TW-1, MW-1D, MW-1I, TW-2I, TW-3, MW-10D, MW-33D, MW-34D, MW-35I, MW-42D, MW-44I, and MW-45I. In the 2022 Annual Monitoring Report, AECOM (2023a) reported that monitoring well MW-34D had been decommissioned and MW-44I had been destroyed. During the 2025 site inspection, however, Arcadis found a well that is believed to be MW-44I. The well was inspected and its total depth and depth to water were gauged (Table 1). The well contained a trace amount of NAPL. Assuming that the well identified in 2025 is MW-44I, the number of wells comprising the NAPL Monitoring Program would be 11 if the NYSDEC would like this monitoring well added back in to the monitoring program. The draft revised SMP submitted by Arcadis on January 29, 2026 (Arcadis 2026) can be updated to include following further inspection of MW-41I in Spring 2026.

Arcadis did not access monitoring well MW-42D during the October 2025 monitoring event. NYSEG is currently negotiating with the property owner to allow us to access his property where monitoring well MW-42D is located.

The NAPL monitoring well assessment identified the following:

- MW-1I was observed to have threads that required re-tapping
- MW-1D was observed to have threads that required re-tapping
- MW-45I had bolts snapped in two eyelets

Arcadis plans to address the items above during the spring of 2026.

2.5.2 Groundwater Monitoring Program

The additional Site wells inspected during the non-SMP well network review identified the following:

- MW-17 had one broken curb box eyelet
- MW-17I had one bolt snapped in the eyelet
- MW-20D was missing a J-plug
- MW-36I was observed to have threads that required re-tapping
- MW-38D was observed to have threads that required re-tapping
- MW-44I was missing three bolts

- TW-2S was observed to have threads that required re-tapping

Arcadis plans to address the items above during the spring of 2026.

2.5.3 Additional Monitoring Wells

Arcadis inspected 13 additional monitoring wells that are not part of the NAPL or Groundwater Monitoring Programs (Table 1). Relevant observations are summarized below.

- The curb boxes for monitoring wells TW-2S and MW-1I were observed to have threads that required re-tapping
- MW-10 contains an obstruction at approximately 6.9 feet below the top of casing. This has been noted during annual inspections going back to at least 2021 and per comment from the NYSDEC approval letter dated May 20, 2025 Arcadis plans to decommission in spring of 2026
- MW-10I was missing a J-plug and had one broken bolt in the curb box eyelet
- MW-29IR had a cracked polyvinyl chloride (PVC) cap

Arcadis plans to decommission MW-10 in accordance with CP-43 and address the items for the remaining wells during the spring of 2026.

3 NAPL Monitoring and Recovery

Arcadis gauged the 11 wells listed in Section 2.5.1 to assess NAPL presence and thickness. In addition, all other accessible Site wells were also gauged for NAPL as part of the non-SMP monitoring well inspection.

Unless emulsified, coal tar NAPL is typically denser than water and therefore over time can accumulate at the bottom of a monitoring well. A probe was lowered to the bottom of the well to measure the accumulated NAPL thickness in each well (if any). The probe was then removed from the well and the length of NAPL present on the probe, inferred to represent the NAPL thickness in the well, was measured.

A measurable thickness of NAPL was identified in three wells (MW-1I, MW-10D, and TW-2I), with approximately 10 inches, 4 inches, and 8 inches of NAPL observed, respectively. NAPL recovery was conducted via manual bailing at the two wells that contained greater than 6 inches of NAPL, in accordance with the SMP. Approximately one gallon of NAPL and water was removed from well MW-1I, and approximately three gallons of NAPL and water was removed from TW-2I and containerized in a 55 gal DOT drum. Traces of NAPL, identified as NAPL droplets on the probe, were observed at the following wells: TW-1, MW-13, MW-25I, MW-30D, MW-35I, MW-44I, and MW-45I. No other wells monitored contained measurable NAPL. Figure 3 shows the thickness of NAPL measured in each well in the NAPL Monitoring Program during the October 2025 gauging event. Table 2 summarizes NAPL thickness monitoring data from June 2016 through October 2025. Please note that the word “trace” as used on Figure 3 and in Table 2 is defined as a thickness of less than one inch.

4 Groundwater Monitoring

The groundwater monitoring program, as specified in the SMP, is a long-term plan to monitor the quality of groundwater and groundwater flow conditions both onsite and offsite (AECOM 2011). The program is summarized below:

Frequency	Monitoring Locations		Measurements/Analysis
Once every two years[1]	TW-2S	MW-36I	• Water levels • Field Parameters (dissolved oxygen, oxygen reduction potential, turbidity, temperature) • Volatile organic compounds – Method 8260 • Semi-volatile organic compounds – Method 8270 • Cyanide (total) – Method 9012
	MW-2	MW-36D	
	MW-2I	MW-38I	
	MW-17	MW-38D	
	MW-17I	MW-39D	
	MW-17D	MW-46I	
	MW-20D		
	MW-34D		

Groundwater monitoring will continue until the results meet the groundwater Site Cleanup Goals[2] for at least two consecutive sampling events; however, ceasing the groundwater monitoring program will be made in consultation with the NYSDEC in accordance with the SMP (AECOM 2011).

The groundwater monitoring event was conducted on October 14 and 15, 2025.

The work performed consisted of:

- Measuring water levels (where access was possible) on October 13, 2025 to assess water levels across the broader monitoring well network (Table 1).
- Gauging each well in the groundwater monitoring program for the presence of NAPL using an oil-water interface probe.
- Collecting groundwater samples from 13 groundwater monitoring wells (TW-2S, MW-2, MW-2I, MW-17 MW-17I, MW-17D, MW-20D, MW-36I, MW-36D, MW-38I, MW-38D, MW-39D, and MW-46I) in accordance with the SMP. As identified in Section 2.5 and previously reported in annual reports (AECOM 2023a, Arcadis 2025), monitoring well MW-34D was decommissioned and not sampled. The draft revised SMP submitted by Arcadis on January 29, 2026 (Arcadis 2026) removed this monitoring well from monitoring plan.
- The groundwater samples were collected using low-flow techniques (peristaltic or bladder pump and polyethylene tubing).

[1] Water levels are measured annually.
[2] Cleanup goals are based on NYSDEC Technical and Operational Guidance Series 1.1.1 Ambient Water Quality Standards and Guidance Values (AWQS/GV).

- Field parameters consisting of pH, conductivity, dissolved oxygen, oxidation reduction potential (ORP), temperature, and turbidity were monitored during purging using a water quality meter and flow-through measurement cell (e.g., Horiba U52) and Lamotte 2020we turbidimeter. Following the stabilization of field parameters (three consecutive readings within the following ranges) samples were collected:
    - pH of +/- 0.1
    - conductivity of +/-3%
    - ORP of +/- 10 millivolts
- Groundwater samples were collected and submitted to Eurofins Environment Testing in Buffalo, New York for laboratory analysis for the parameters identified in Section 4.2.
- Quality control samples were collected at a frequency of one for every 20 field samples taken. Quality control samples consisted of a field duplicate, a matrix spike, a matrix spike duplicate, and an equipment blank. Based on the number of wells sampled (13), one set of quality control samples was required.
- Groundwater purge and sampling forms are provided in Appendix D.

All wastewater generated during sampling (purge water and decontamination fluids) was contained in 55-gallon steel drums staged onsite inside the fence for proper disposal by NYSEG. All activities were conducted in accordance with the SMP.

4.1 Water-Level Measurement and Groundwater Movement

A synoptic round of water level measurements was collected on October 13, 2025 prior to purging Water-level data are provided in Table 1. Consistent with the previous Annual Report (Arcadis, 2025), Arcadis converted the water levels to elevations[3] and prepared two potentiometric surface maps, one for the shallow and intermediate zones (Figure 4) and one for the deep zone (Figure 5).

The potentiometric surfaces presented on Figures 4 and 5 show that groundwater in these zones moves towards the Anthony Kill. This interpretation was based on a review of historical water-level data and potentiometric mapping, as well as other historical Site information and professional judgment. As noted on Figure 4, water levels measured at monitoring wells TW-2S and TW-2I are interpreted to be anomalously high and were not used in contouring. In reviewing historical water level data, levels at TW-2S, only this most-recent water level appears anomalously high, whereas well TW-2I has exhibited an anomalously high water level since 2020. As noted on Figure 5, the measurement from monitoring well MW-33D is interpreted to be anomalously high and was not used in contouring. A review of historical water-level data for this well shows an increasing trend in water levels that began circa 2022, where the water level increased by approximately four feet compared to historical levels. All these wells are flush mounted. The possible explanation for the elevated water levels is introduction of stormwater to the wells through leaking well caps.

4.2 Analytical Laboratory Analyses

All groundwater samples were submitted to Eurofins for analysis of:

- Volatile organic compounds (VOCs) using United States Environmental Protection Agency (USEPA) SW-846 Method 8260C;

[3] Elevations referenced to the National Geodetic Vertical Datum of 1929.

- Semi-volatile organic compounds (SVOCs) using USEPA SW-846 Method 8270D; and
- Total cyanide using USEPA SW-846 Method 9012B.

Analytical results for the groundwater were reported using NYSDEC Analytical Services Protocol Category B data deliverables. Copies of the laboratory analytical data reports are provided in Appendix E.

4.3 Discussion of Analytical Results

Arcadis reviewed the analytical data to verify that the proper data deliverables and procedures had been rendered in accordance with the data quality objectives of the SMP. The review was conducted as a Tier III evaluation and included review of 100% of the data packages for completeness. The data review found that the data were of acceptable quality for their intended use. The Data Usability Summary Report is provided in Appendix F.

Groundwater analytical results have been compared to the NYSDEC Technical and Operational Guidance Series 1.1.1 Ambient Water Quality Standards and Guidance Values (AWQS/GV) for water class GA. Tables 3 and 4 summarize the VOC and SVOC/cyanide analytical results and identify analyte concentrations that exceed their respective AWQS/GV. Also included in Tables 3 and 4 are the results of the previous analyses for reference.

An overview of the groundwater analytical results from this groundwater monitoring event is provided below, and groundwater exceedances for VOCs and SVOCs are shown on Figure 6.

4.3.1 Volatile Organic Compounds

VOCs were detected at concentrations exceeding the AWQS in two wells, TW-2S and MW-46I. The following compounds were detected in monitoring well TW-2S: benzene (1,300 µg/L), ethylbenzene (520 µg/L), isopropylbenzene (28 µg/L), toluene (25 µg/L), and total xylenes (190 µg/L). Benzene was detected in MW-46I at 89 µg/L.

The results from well TW-2S are generally consistent with historical data collected from the well; however, the concentration of benzene is greater than has been detected historically. The results from well MW-46I are also generally consistent with historical data; however, the concentration of benzene has been increasing in recent years. The increases in benzene concentrations at these wells may represent seasonal variability or may indicate a slight change in the movement of dissolved benzene in the area. Both wells are in the interior of the site; therefore, the increases do not significantly increase exposure risks at the site.

4.3.2 Semi-Volatile Organic Compounds

One or more SVOCs were identified at concentrations exceeding their respective GV in samples collected from three monitoring wells (MW-2, TW-2S, and MW-36I). Two of these wells are located in the former manufactured gas plant (MGP) area (MW-2 and TW-2S) and the third (MW-36I) is located offsite. The following observations can be made from the data:

- SVOC concentrations in samples collected from all but the three wells listed above were below their respective AWQS/GV, which is generally consistent with the previous monitoring event.
- The following compounds were detected in monitoring well MW-2: benzo(b)fluoranthene (0.69 µg/L estimated) and chrysene (0.5 µg/L estimated). The following compounds were detected in TW-2S: acenaphthene (200 µg/L estimated), benzo(a)anthracene (0.33 µg/L estimated), benzo(b)fluoranthene (0.7

µg/L estimated), biphenyl (47 µg/L estimated), fluorene (51 µg/L estimated), naphthalene (950 µg/L estimated), phenanthrene (64 µg/L estimated), and phenol (4.8 µg/L estimated). Benzo(a)anthracene was detected in monitoring well MW-36I at a concentration of 0.064 µg/L estimated.

The results from these wells are generally consistent with historical data. The nature and extent of groundwater containing SVOCs at concentrations above GVs is generally similar to that previously identified. There is no evidence that the extent of SVOC-impacted groundwater is expanding.

4.3.3 Total Cyanide

Total cyanide was not identified at a concentration exceeding the AWQS/GV. Samples from monitoring wells TW-2S, MW-17, MW-36I, MW-36D, MW-38I, MW-38D, MW-46I, contained total cyanide that ranged in concentrations of 0.0043 J µg/L to 0.016 µg/L.

5 Summary, Conclusions, and Recommendations

The findings of the 2025 monitoring event are summarized as follows:

- The Site perimeter fence is in good condition.
- After probing the southern bank of the Anthony Kill (where soil removal was performed) a sheen was observed on the water surface.
- The Site usage and conditions are consistent with those observed in 2024. The soil and asphalt cover did not show signs of significant erosion and no new buildings were identified.
- Measurable NAPL was identified in wells TW-2I, MW-1I, and MW-10D with thicknesses of approximately 10 inches, 8 inches, and 4 inches, respectively. Approximately one gallon and three gallons of NAPL and water mixture were removed from well MW-1I and TW-2I, respectively.

Based on the results of the annual monitoring event, it can be concluded that:

- Activities required to be performed in the SMP were successfully completed in 2025.
- Areas of Anthony Kill sediments where NAPL was historically observed remain free of NAPL. After probing, a sheen was observed on the water surface. Once the sheen dissipated, no additional areas of sheen were noted during inspection. The observations are consistent with past streambank and creek observation events with the most recent observation of sheen identified on September 27 and September 30, 2022 (AECOM 2023a) and October 8, 2024 (Arcadis 2025).
- The remedy remains effective in protecting the public health and environment.

The following recommendations are provided:

1. Continue Site monitoring and inspections in accordance with the draft revised SMP submitted to the NYSDEC for review on January 29, 2026.
2. Replace materials for all wells where the materials were found to be missing in the October 2025 inspection and make the repairs identified (e.g., re-tapping of threads in curb boxes.)
3. Decommission monitoring well MW-10 in accordance with CP-43 in 2026.

6 References

AECOM. 2011. *Site Management Plan*, Mechanicville Central Ave Former MGP Site, Mechanicville, NY NYSDEC Site # 5-46-033.

AECOM. 2021. *Periodic Review Report: March 2016 – March 2021*, Mechanicville Central Avenue Former MGP Site, Mechanicville, New York, NYSDEC Site: 546003.

AECOM. 2023a. Letter from T. Raby and C. Floess (AECOM) to J. Spellman (NYSDEC). Re: Annual Monitoring Report 2022, Mechanicville Central Avenue Former MGP Site, Mechanicville, New York (NYSDEC Site: 546033).

Arcadis. 2024. *Annual Monitoring Report, 2023* Mechanicville Central Avenue Former MGP Site. Prepared for New York State Electric and Gas. November 2024.

Arcadis. 2025. *Annual Monitoring Report, 2024* Mechanicville Central Avenue Former MGP Site. Prepared for New York State Electric and Gas. September 2025.

Arcadis. 2026. *Draft Revised Site Management Plan*, 2026 Mechanicville Central Ave Former MGP Site, Mechanicville, NY NYSDEC Site # 5-46-033.

Tables

TABLE 1
GROUNDWATER GAUGING MEASUREMENTS
ANNUAL MONITORING REPORT 2025 MECHANICVILLE CENTRAL AVENUE FORMER MGP SITE
MECHANICVILLE, NEW YORK

Well ID	Date Gauged	Total Depth (ft bTOC)	Screen Interval/Open Hole (ft bTOC)	Reference Elevation (TOC)	Depth to Water (ft bTOC)	Groundwater Elevation	NAPL Observed (Y/N)	NAPL Thickness (in)	Notes
SMP Monitoring Plan Locations - NAPL Monitoring									
TW-1	10/13/2025	75.81	24 - 75^	89.77	8.48	81.29	Y	Trace	Well in good condition.
	10/7/2024	74.64			9.62	80.15	Y	Trace	Well in good condition. NAPL not measurable.
	10/09/2023	75.00		89.33	9.42	79.91	Y	Trace	Globs of NAPL, no bolts, J-plug sitting on top
	9/27/2022	73.80			8.95	80.38	Y	15.6	10.3 gallons of NAPL/water mixture removed
	9/27/2021	75.00			8.23	81.10	N	0	No NAPL removed during this event. Well in good condition.
	7/26/2021	75.16			8.44	80.89	N	0	2021 Well Inspections - Well in good condition. No odor noted.
	10/13/2020	78.50			9.35	79.98	Y	2	No NAPL removed during this event.
	9/10/2019	89.33			9.20	80.13	Y	12	15 gallons of NAPL/water mixture removed.
	8/31/2018	78.48			8.91	80.42	Y	18	14 gallons of NAPL/water mixture removed.
	6/29/2017	89.33			8.90	80.43	Y	1.5	No NAPL removed during this event.
	6/29/2016	--			10.56	78.77	Y	1.75	No NAPL removed during this event.
TW-2I	10/13/2025	77.15	30 - 75^	88.57	1.97	86.60	Y	10.0	Well in good condition. NAPL removed during this event.
	10/07/2024	76.39			4.54	84.03	Y	Trace	Well in good condition. NAPL not measurable.
	10/09/2023	--		87.00	--	--	--	--	Unable to locate well. Suspected to be buried under rip rap.
	9/27/2022	--			--	--	--	--	Unable to locate well. Suspected to be buried under rip rap.
	9/27/2021	--			--	--	--	--	Unable to locate well. Suspected to be buried under rip rap.
	7/26/2021	--			--	--	--	--	2021 Well Inspections - Unable to located well. Suspected to be buried under rip rap.
	10/13/2020	74.90			0.00	87.00	N	0	No NAPL removed during this event; Water level at top of casing.
	9/10/2019	87.00			8.70	78.30	N	0	No NAPL removed during this event.
	8/31/2018	24.99			8.85	78.15	N	0	No NAPL removed during this event; Bent casing noted.
	6/29/2017	--			8.90	78.10	N	0	No NAPL removed during this event.
	6/29/2016	75.00			9.76	77.24	Y	2	No NAPL removed during this event.
TW-3	10/13/2025	75.37	15 - 75^	87.826	8.39	79.44	N	0	Well in good condition.
	10/07/2024	74.67			8.98	78.85	Y	Trace	Well in good condition. NAPL not measurable.
	10/09/2023	73.90		87.15	8.39	78.76	N	0	Missing one bolt.
	9/27/2022	--			--	--	N	0	--
	9/27/2021	74.30			7.51	79.64	N	0	No NAPL removed during this event. Well in good condition. Only 1 bolt on casing, 3/4" bolt. Located in grass.
	7/26/2021	75.10			7.84	79.31	N	0	2021 Well Inspections - No NAPL removed during this event. Well in good condition. Only 1 bolt on casing. 3/4" bolt. Located in grass. No odor noted.
	10/14/2020	78.12			8.85	78.30	N	0	No NAPL removed during this event.
	9/10/2019	87.15			8.85	78.30	N	0	No NAPL removed during this event.
	8/31/2018	78.13			7.81	79.34	N	0	No NAPL removed during this event.
	6/29/2017	87.15			8.45	78.70	N	0	No NAPL removed during this event.
	6/29/2016	75.00			9.26	77.89	N	0	No NAPL removed during this event.
MW-1D	10/13/2025	155.81	121 - 155.2^	91.356	4.11	87.25	Y	Trace	Retap of threads needed.
	10/07/2024	155.09			0.20	91.16	Y	Trace	NAPL not measurable.
	10/09/2023	155.99		90.46	0.00	90.46	Y	Trace	Blobs of NAPL on tape, sheen on top, no bolts.
	9/27/2022	158.74			0.82	89.64	N	0	Possible NAPL Sheen. No NAPL removed during this event. Well in good condition.
	9/27/2021	155.00			8.49	81.97	N	0	No NAPL removed during this event. Well in good condition.
	7/26/2021	155.00			8.69	81.77	N	0	2021 Well Inspections - No NAPL removed during this event. Well in good condition.
	10/13/2020	155.00			9.47	80.99	N	0	No NAPL removed during this event.
	9/10/2019	90.46			9.31	81.15	N	0	No NAPL removed during this event.
	8/31/2018	160.29			1.00	89.46	N	0	No NAPL removed during this event.
	6/29/2017	90.46			8.65	81.81	N	0	No NAPL removed during this event.
	6/29/2016	155.00			9.76	80.70	N	0	No NAPL removed during this event.

TABLE 1
GROUNDWATER GAUGING MEASUREMENTS
ANNUAL MONITORING REPORT 2025 MECHANICVILLE CENTRAL AVENUE FORMER MGP SITE
MECHANICVILLE, NEW YORK

Well ID	Date Gauged	Total Depth (ft bTOC)	Screen Interval/Open Hole (ft bTOC)	Reference Elevation (TOC)	Depth to Water (ft bTOC)	Groundwater Elevation	NAPL Observed (Y/N)	NAPL Thickness (in)	Notes
MW-10D	10/13/2025	114.22	82 - 114^	93.43	12.48	80.95	Y	4	Well in good condition.
	10/07/2024	113.84			12.30	81.13	Y	6	No bolts.
	10/09/2023	113.10		92.73	11.96	80.77	Y	2	No J-plug, 2 bolts.
	9/27/2022	113.31			12.09	80.64	Y	2	Suspended NAPL in deeper portion of well, <6", ~ 2 in of DNAPL on bottom. No J-plug. No NAPL removed during this event.
	9/27/2021	113.30			11.81	80.92	Y	2	Well in good condition. Only 2 bolts on casing. No PVC cap. No odor. Well depth reduced from initial installation depth - requires rehabilitation (including pumping to remove sedimentation).
	7/26/2021	83.64			11.92	80.81	Y	2	2021 Well Inspections - Well in good condition. Only 2 bolts on casing. No PVC cap. No odor. Well depth reduced from initial installation depth - requires rehabilitation (including pumping to remove sedimentation).
	10/14/2020	83.63			12.36	80.37	Y	0.25	No NAPL removed during this event.
	9/10/2019	92.73			11.82	80.91	Y	1.5	No NAPL removed during this event.
	8/31/2018	83.11			12.23	80.50	Y	20.25	3 gallons of NAPL/water mixture removed.
	6/29/2017	92.73			7.72	85.01	Y	1.5	No NAPL removed during this event.
	6/29/2016	114.00			10.62	82.11	Y	1.5	No NAPL removed during this event.
MW-33D	10/13/2025	145.70	119.7 - 140.5^	94.52	2.11	92.41	N	0	Well in good condition.
	10/07/2024	144.23			6.33	88.19	Y	Trace	No bolts.
	10/09/2023	139.62		93.83	8.08	85.75	N	0	No bolts.
	9/27/2022	147.47			5.56	88.27	N	0	No NAPL removed during this event. Well in good condition.
	9/27/2021	139.15			11.81	82.02	N	0	No NAPL removed during this event. Well in good condition. No bolts. Soft bottom. No odor noted. Well depth reduced from initial installation depth - requires rehabilitation (including pumping to remove sedimentation).
	7/26/2021	135.00			10.80	83.03	N	0	2021 Well Inspections - No NAPL removed during this event. Well in good condition. No bolts. Soft bottom. No odor noted. Well depth reduced from initial installation depth - requires rehabilitation (including pumping to remove sedimentation).
	10/13/2020	84.85			13.57	80.26	Y	0.25	No NAPL removed during this event.
	9/10/2019	93.83			12.50	81.33	Y	0.5	No NAPL removed during this event.
	8/31/2018	118.69			13.55	80.28	N	0	No NAPL removed during this event.
	6/29/2017	93.83			13.12	80.71	Y	Trace	No NAPL removed during this event.
	6/29/2016	141.00			14.25	79.58	N	0	No NAPL removed during this event.
MW-34D	10/09/2023	--	--	--	--	--	--	--	Decommissioned.
	9/27/2022								
	9/27/2021								
	10/13/2020								
	9/10/2019								
	8/31/2018								
	6/29/2017								
	6/29/2016								
MW-35I	10/13/2025	37.42	12.5 - 38^	81.24	4.73	76.51	Y	Trace	Well in good condition.
	10/07/2024	36.62			5.79	75.45	Y	2	Well in good condition.
	10/09/2023	34.71		80.43	4.93	75.50	Y	Trace	No bolts, NAPL observed.
	9/27/2022	34.04			5.01	75.42	Y	0	No NAPL removed during this event. NAPL present, unsaturated.
	9/27/2021	35.34			4.45	75.98	Y	3.5	No NAPL removed during this event. Odor noted. Well located under boat in automotive salvage area. Very tight access. Inside casing covered in NAPL staining. No bolts. Well depth reduced from initial installation depth - requires rehabilitation (including pumping to remove sedimentation).
	7/26/2021	35.33			4.93	75.50	N	0	2021 Well Inspections - Well located under boat in automotive salvage area. Very tight access. Inside casing covered in NAPL staining. No bolts. Odor noted. Well depth reduced from initial installation depth - requires rehabilitation (including pumping to remove sedimentation).
	10/14/2020	35.32			7.54	72.89	Y	4	No NAPL removed during this event.
	9/10/2019	80.43			6.18	74.25	Y	18	20 gallons of NAPL/water mixture removed.
	8/31/2018	--			--	--	--	--	Well was unable to be located.
	6/29/2017	80.43			--	--	--	--	Well was unable to be located.
	6/29/2016	38.00			--	--	--	--	Well was unable to be located.

TABLE 1
GROUNDWATER GAUGING MEASUREMENTS
ANNUAL MONITORING REPORT 2025 MECHANICVILLE CENTRAL AVENUE FORMER MGP SITE
MECHANICVILLE, NEW YORK

Well ID	Date Gauged	Total Depth (ft bTOC)	Screen Interval/Open Hole (ft bTOC)	Reference Elevation (TOC)	Depth to Water (ft bTOC)	Groundwater Elevation	NAPL Observed (Y/N)	NAPL Thickness (in)	Notes
MW-42D	10/13/2025	--	--	--	--	--	--	--	No access to well.
	10/07/2024	--	--	--	--	--	--	--	No access to well.
	10/09/2023	171.37	140 - 175^	93.45	6.99	86.46	N	0	No J-plug, no curb box, covered by rock on soil.
	6/27/2022	175.45			1.68	91.77	N	0	No casing cover or J-plug on PVC.
	9/27/2021	174.00			1.45	92.00	N	0	No NAPL removed during this event. No casing.
	7/26/2021	165.00			2.71	90.74	N	0	2021 Well Inspections - No casing.
	10/13/2020	--			--	--	--	--	Could not locate well; Requires further investigation.
	9/10/2019	93.45			12.35	81.10	Y	1	No NAPL removed during this event.
	8/31/2018	144.14			12.57	80.88	Y	1	No NAPL removed during this event.
	6/29/2017	93.45			12.15	81.30	Y	5	No NAPL removed during this event.
	6/29/2016	175.00			13.35	80.10	Y	5	No NAPL removed during this event.
MW-44I	10/13/2025	74.36	--	87.37	7.56	79.81	Y	Trace	Needs 3 bolts.
	10/09/2023	--		87.37	--	--	--	--	Well noted to be destroyed.
	9/27/2022								Well noted to be destroyed.
	9/27/2021								Well noted to be destroyed.
	10/14/2020								Well noted to be destroyed.
	9/10/2019								Well noted to be destroyed.
	8/31/2018								Well noted to be destroyed.
	6/29/2017								Well was unable to be located.
	6/29/2016								Well not accessible.
MW-45I	10/13/2025	75.00	23.5 - 75^	89.41	7.89	81.52	Y	Trace	Bolts snapped in eyelets (x2).
	10/07/2024	74.61			9.55	79.86	Y	Trace	Well in good condition. NAPL not measurable.
	10/09/2023	74.05		88.83	9.08	79.75	N	0	No bolts.
	9/27/2022	73.50			8.66	80.17	Y	39.6	18.4 gallons of NAPL/water mixture removed
	9/27/2021	74.30			7.56	81.27	Y	Blebs	No NAPL removed during this event. Only accessible by removing whole casing cover. Well depth reduced from initial installation depth - requires rehabilitation (including pumping to remove sedimentation).
	7/26/2021	73.27			7.84	80.99	Y	5	2021 Well Inspections - No NAPL removed during this event. Only accessible by removing whole casing cover. Well depth reduced from initial installation depth - requires rehabilitation (including pumping to remove sedimentation).
	10/14/2020	74.22			9.12	79.71	Y	5	No NAPL removed during this event.
	9/10/2019	88.83			8.65	80.18	Y	8	10 gallons of NAPL/water mixture removed.
	8/31/2018	74.21			8.00	80.83	Y	48	19 gallons of NAPL/water mixture removed.
	6/29/2017	88.83			8.17	80.66	Y	1.5	No NAPL removed during this event.
	6/29/2016	75.00			9.85	78.98	Y	3.5	No NAPL removed during this event.
SMP Monitoring Plan Locations - Gauged and Sampled (next scheduled for 2026)									
TW-2S	10/13/2025	28.30	18 - 28^	87.77	4.91	82.86	N	0	Need to retap threads.
	10/7/2024	28.31			9.05	78.72	N	0	No bolts.
	10/09/2023	23.18		86.34	7.69	78.65	N	0	No J-plug or bolts, pipe crushed, tubing inside well.
	9/27/2022	25.15			7.60	78.74	N	0	No J-plug or bolts.
	9/27/2021	23.90			6.45	79.89	N	0	6" well located in riprap. No bolts. Inner PVC crushed approx. 2 ft bTOC, well still accessible by water level meter and tubing. Soft bottom. Well depth reduced from initial installation depth - requires rehabilitation (including pumping to remove sedimentation).
	7/26/2021	25.17			7.19	79.15	N	0	2021 Well Inspections - 6" well located in riprap. No bolts. Inner PVC crushed approx. 2 ft bTOC, well still accessible by water level meter and tubing. Soft bottom. Well depth reduced from initial installation depth - requires rehabilitation (including pumping to remove sedimentation).
	9/10/2019	74.91			8.90	77.44	N	0	Petroleum odor observed as well as brown hue in the water.
	6/29/2017	--			8.90	77.44	N	0	--

TABLE 1
GROUNDWATER GAUGING MEASUREMENTS
ANNUAL MONITORING REPORT 2025 MECHANICVILLE CENTRAL AVENUE FORMER MGP SITE
MECHANICVILLE, NEW YORK

Well ID	Date Gauged	Total Depth (ft bTOC)	Screen Interval/Open Hole (ft bTOC)	Reference Elevation (TOC)	Depth to Water (ft bTOC)	Groundwater Elevation	NAPL Observed (Y/N)	NAPL Thickness (in)	Notes
MW-2	10/13/2025	13.78	11.2 - 14.35	89.21	5.62	83.59	N	0	Well in good condition.
	10/07/2024	13.94			6.45	82.76	N	0	Well in good condition.
	10/09/2023	13.93		88.75	6.17	82.58	N	0	No J-plug or bolts.
	9/27/2022	13.75			5.59	83.16	N	0	No J-plug. Obstruction at 13.75.
	9/27/2021	13.99			5.02	83.73	N	0	Well in good condition. 1/2" bolts. Sediment observed early in purging, before clearing. No odor or sheen noted.
	7/26/2021	13.99			5.31	83.44	N	0	2021 Well Inspections - Well in good condition.
	9/10/2019	16.20			6.03	82.72	N	0	No odor or sheen noted.
	6/29/2017	14.00			5.78	82.97	N	0	No odor or sheen noted.
MW-2I	10/13/2025	31.94	11.28 - 32.2^	89.27	6.23	83.04	N	0	Well in good condition.
	10/07/2024	31.96			6.27	83.00	N	0	Well in good condition.
	10/09/2023	32.01		88.75	0.60	88.15*	N	0	Soft bottom, no J-plug or bolts.
	9/27/2022	33.03			5.72	83.03	N	0	No J-plug. No odor or sheen noted.
	9/27/2021	31.80			5.10	83.65	N	0	Well in good condition. 1/2" bolts. No odor or sheen noted.
	7/26/2021	32.00			5.11	86.55	N	0	2021 Well Inspections - Well in good condition. 1/2" bolts. No odor or sheen noted.
	9/10/2019	32.20			5.85	82.90	N	0	Slight odor observed, some particles noted within the discharge.
	6/29/2017	32.11			4.02	84.73	N	0	No sheen noted. Slight metallic odor.
MW-17	10/13/2025	21.69	13 - 23	94.18	13.40	80.78	N	0	One curb box eyelet broken.
	10/07/2024	21.62			14.01	80.17	N	0	One bolt missing, one eyelet broken.
	10/09/2023	21.59		93.53	6.01	87.52	N	0	Two missing bolts, no J-plug, water around pipe.
	9/27/2022	21.24			13.29	80.24	N	0	Well in good condition.
	9/27/2021	21.65			13.01	80.52	N	0	Well in good condition. Well depth reduced from initial installation depth - requires rehabilitation (including pumping to remove sedimentation). High amounts of sediment observed during purging, but discharge cleared at the end. No odor or sheen noted.
	7/26/2021	21.73			13.02	80.51	N	0	2021 Well Inspections - Well in good condition. Well depth reduced from initial installation depth - requires rehabilitation (including pumping to remove sedimentation). High amounts of sediment observed during purging, but discharge cleared at the end. No odor or sheen noted.
	9/10/2019	21.83			13.72	79.81	N	0	Slight petroleum odor noted. No sheen observed.
	6/29/2017	21.63			13.37	80.16	N	0	No odor or sheen noted. Discharge was initially turbid, but cleared up.
MW-17I	10/13/2025	44.81	23 - 45^	93.71	13.85	79.86	N	0	One bolt snapped in eyelet.
	10/07/2024	44.86			14.34	79.37	N	0	Well in good condition.
	10/09/2023	--		93.10	--	--	--	--	Well was paved over.
	9/27/2022	--			--	--	--	--	Well was paved over.
	9/27/2021	45.10			12.52	80.58	N	0	Well in good condition. J-plug comes loose with difficulty. No odor or sheen noted.
	7/26/2021	45.10			12.91	80.19	N	0	2021 Well Inspections - J-plug comes loose with difficulty. No odor or sheen noted.
	9/10/2019	93.20			14.15	78.95	N	0	Slight odor, no sheen noted.
	6/29/2017	45.00			13.25	79.85	N	0	No odor or sheen noted.
MW-17D	10/13/2025	139.28	121 - 142.5^	92.76	10.87	81.89	N	0	Well in good condition.
	10/07/2024	138.29			8.32	84.44	N	0	Well in good condition.
	10/09/2023	138.88		93.29	3.31	89.98	N	0	Not bolted, no J-plug, and tubing inside.
	9/27/2022	139.04			0.20	93.09	N	0	Flooded. Flush mount top doesn't fit on casing. 2" PVC loose in 6" steel casing. No J-plug. No bolts. Well depth reduced from initial installation depth - requires rehabilitation (including pumping to remove sedimentation).
	9/27/2021	138.85			8.40	84.89	N	0	Flush mount top doesn't fit on casing. 2" PVC loose in 6" steel casing. No bolts. Well depth reduced from initial installation depth - requires rehabilitation (including pumping to remove sedimentation). No odor or sheen noted.
	7/26/2021	140.50			8.63	84.66	N	0	2021 Well Inspections - Flush mount top doesn't fit on casing. 2" PVC loose in 6" steel casing. No bolts. Well depth reduced from initial installation depth - requires rehabilitation (including pumping to remove sedimentation).
	9/10/2019	138.23			4.61	88.68	N	0	No odor or sheen noted.
	6/29/2017	138.45			8.12	85.17	N	0	Light sedimentation present. No odor or sheen noted.

TABLE 1
GROUNDWATER GAUGING MEASUREMENTS
ANNUAL MONITORING REPORT 2025 MECHANICVILLE CENTRAL AVENUE FORMER MGP SITE
MECHANICVILLE, NEW YORK

Well ID	Date Gauged	Total Depth (ft bTOC)	Screen Interval/Open Hole (ft bTOC)	Reference Elevation (TOC)	Depth to Water (ft bTOC)	Groundwater Elevation	NAPL Observed (Y/N)	NAPL Thickness (in)	Notes
MW-20D	10/13/2025	112.57	90 - 110.1^	97.06	15.28	81.78	N	0	Needs new J-plug.
	10/07/2024	111.86			14.97	82.09	N	0	No lock, no J-plug
	10/09/2023	111.75		96.37	14.71	81.66	N	0	No J-plug.
	9/27/2022	111.89			14.92	81.45	N	0	No odor or sheet noted.
	9/27/2021	111.90			14.26	82.11	N	0	Access difficult. Located in overgrown field. Mud wasp nest in tubing inside well. Black colored water observed during purge. No odor noted.
	6/26/2021	113.00			13.91	82.46	N	0	2021 Well Inspections - Access difficult. Located in overgrown field. Mud wasp nest in tubing inside well.
	9/10/2019	111.59			15.51	80.86	N	0	No odor or sheen noted.
	6/29/2017	111.79			13.95	82.42	N	0	No odor or sheen noted.
MW-34D	10/09/2023	--	--	--	--	--	--	--	Decommissioned.
	9/27/2022								
	9/27/2021								
	9/10/2019								
	6/29/2017								
MW-36I	10/13/2025	45.35	20 - 45^	94.97	12.08	82.89	N	0	Need to retap threads.
	10/07/2024	45.27			12.13	82.84	N	0	No bolts.
	10/09/2023	45.14		94.20	11.78	82.42	N	0	Not bolted.
	9/27/2022	44.71			11.62	82.58	N	0	Well in good condition. No odor or sheen noted.
	9/28/2021	45.30			11.30	82.90	N	0	Well in good condition. No bolts. No odor or sheen noted.
	7/26/2021	45.13			11.16	83.04	N	0	2021 Well Inspections - Well in good condition. No bolts.
	9/10/2019	44.95			10.90	83.30	N	0	No odor or sheen noted.
	6/29/2017	45.05			10.32	83.88	N	0	No odor or sheen noted.
MW-36D	10/13/2025	161.34	140 - 161^	94.93	11.41	83.52	N	0	Need to retap threads.
	10/07/2024	160.52			11.83	83.10	N	0	Missing 2 bolts.
	10/09/2023	162.63		94.22	11.46	82.76	N	0	One bolt missing.
	9/27/2022	161.76			11.25	82.97	N	0	Well in good condition. No odor or sheen noted.
	9/27/2021	150.30			10.92	83.30	N	0	Well in good condition. Only 2 bolts. No odor or sheen noted.
	6/26/2021	161.90			10.51	83.71	N	0	2021 Well Inspections - Well in good condition. Only 2 bolts.
	9/10/2019	169.75			11.30	82.92	N	0	Latex' odor noted, no sheen observed.
	6/29/2017	>150.00			10.73	83.49	N	0	No odor or sheen noted.
MW-38I	10/13/2025	101.68	90 - 120^	79.07	5.84	73.23	N	0	Well in good condition.
	10/07/2024	119.52			6.48	72.59	N	0	Well in good condition.
	10/09/2023	97.42		78.66	3.89	74.77	N	0	No curb box, no J-plug, hole filled with dirt.
	9/27/2022	100.39			6.50	72.16	N	0	No casing cover or J-plug on PVC. No odor or sheen noted.
	9/27/2021	100.50			5.50	73.16	N	0	No casing cover or J-plug on PVC. Well depth reduced from initial installation depth - requires rehabilitation (including pumping to remove sedimentation). No odor or sheen noted.
	6/26/2021	100.30			5.88	72.78	N	0	2021 Well Inspections - No casing cover or J-plug on PVC. Well depth reduced from initial installation depth - requires rehabilitation (including pumping to remove sedimentation).
	9/10/2019	174.42			6.65	72.01	N	0	Petroleum odor, no sheen observed.
	6/29/2017	100.61			6.21	72.45	N	0	Slight - moderate sulfuric odor, no sheen noted.
MW-38D	10/13/2025	171.81	150 - 170.1^	79.35	5.89	73.46	N	0	Need to retap threads.
	10/07/2024	169.89			6.54	72.81	N	0	No bolts.
	10/09/2023	171.13		78.64	5.68	72.96	N	0	No bolts.
	9/27/2022	169.85			5.05	73.59	N	0	Well in good condition. No odor or sheen noted.
	9/27/2021	169.10			5.26	73.38	N	0	Well in good condition. No bolts. Well depth reduced from initial installation depth - requires rehabilitation (including pumping to remove sedimentation). No odor or sheen noted.
	7/26/2021	169.13			5.67	72.97	N	0	2021 Well Inspections - Well in good condition. No bolts. Well depth reduced from initial installation depth - requires rehabilitation (including pumping to remove sedimentation).
	9/10/2019	170.00			6.35	72.29	N	0	No odor or sheen noted.
	6/29/2017	>150.00			5.98	72.66	N	0	No odor or sheen noted.

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MECHANICVILLE, NEW YORK

Well ID	Date Gauged	Total Depth (ft bTOC)	Screen Interval/Open Hole (ft bTOC)	Reference Elevation (TOC)	Depth to Water (ft bTOC)	Groundwater Elevation	NAPL Observed (Y/N)	NAPL Thickness (in)	Notes
MW-39D	10/13/2025	145.81	130.4 - 150.4^	92.59	15.76	76.83	N	0	All 3 holes on cap broken, replace lid/ retaps threads.
	10/07/2024	145.25			16.06	76.53	N	0	Two bolt holes broken on cap.
	10/09/2023	144.61		91.90	15.76	76.14	N	0	No bolts.
	9/27/2022	145.14			15.51	76.39	N	0	Well in good condition. No odor or sheen noted.
	9/27/2021	146.00			15.14	76.76	N	0	Well in good condition. Well depth reduced from initial installation depth - requires rehabilitation (including pumping to remove sedimentation). No odor or sheen noted.
	6/26/2021	144.92			14.60	77.30	N	0	2021 Well Inspections - Well in good condition. Well depth reduced from initial installation depth - requires rehabilitation (including pumping to remove sedimentation).
	9/10/2019	144.94			15.60	76.30	N	0	No odor or sheen noted.
	6/29/2017	144.92			15.55	76.35	N	0	Sulfuric odor, no sheen noted.
MW-40D	10/07/2024	--	--	--	--	--	--	--	Decommissioned.
	10/09/2023	169.60	140 - 170	93.95	12.91	81.04	N	0	One bolt.
	9/27/2022	169.59			12.53	81.42	N	0	No odor or sheen noted.
	9/27/2021	85.01			12.13	81.82	--	--	No casing cover or J-plug on PVC. Grass growing inside casing, outside PVC. Located on sidewalk along N Central Avenue. Well depth significantly reduced from initial installation depth - requires rehabilitation (inc. pumping to remove sedimentation). Well not sampled due to condition.
	7/26/2021	85.00			12.17	81.78	N	0	2021 Well Inspections - No casing cover or J-plug on PVC. Grass growing inside casing, outside PVC. Located on sidewalk along N Central Avenue. Well depth significantly reduced from initial installation depth - requires rehabilitation (inc. pumping to remove sedimentation).
	9/10/2019	179			12.96	80.99	N	0	No odor or sheen noted.
	6/29/2017	>150			12.54	81.41	N	0	No odor or sheen noted.
MW-46I	10/13/2025	70.49	16.5 - 75^	90.17	11.56	78.61	N	0	Well in good condition.
	10/07/2024	71.12			12.02	78.15	N	0	Well in good condition.
	10/09/2023	--		87.93	--	--	--	--	Well is buried in either gravel or paved over (unable to be gauged).
	9/27/2022	--			--	--	--	--	Well is buried in either gravel or paved over (unable to be gauged).
	9/27/2021	--			--	--	--	--	Well buried under approximately 15 inches of gravel and was blocked (unable to be gauged). A temporary road box was placed over the well for protection. Not gauged or sampled in September 2021.
	9/10/2019	74.84			9.10	78.83	N	0	No odor or sheen noted.
	6/29/2017	--			--	--	--	--	--
Additional Locations - Gauged 2021-2025									
TW-4	10/13/2025	75.75	15-75^	87.846	9.28	78.57	N	0	Need to retap threads.
	10/07/2024	73.52			9.73	78.116	N	0	Well in good condition
	10/09/2023	73.19		87.17	9.06	78.11	N	0	Well in good condition.
	9/27/2022	76.18			9.30	77.87	N	0	Well in good condition
	7/26/2021	74.01			8.54	78.63	N	0	2021 Well Inspections - Well in good condition.
MW-1	10/13/2025	16.76	11.6 - 16.85	91.56	8.93	82.63	N	0	Well in good condition.
	10/07/2024	15.93			9.63	81.93	N	0	Well in good condition.
	10/09/2023	15.05		90.84	9.28	81.56	N	0	Well in good condition
	9/27/2022	14.78			3.09	87.75	N	0	--
MW-1I	10/13/2025	74.55	45 - 75^	91.26	9.55	81.71	Y	8	Need to retap threads. NAPL removed this event.
	10/07/2024	47.42			10.34	80.92	Y	Trace	NAPL not measurable.
	10/09/2023	--		90.62	9.93	80.69	--	--	Obstruction at 51.34, possible pump apparatus in well.
	9/27/2022	72.90			9.35	81.27	Y	102	8.5 ft of Saturated NAPL, 58 ft of suspended NAPL; 35.8 gallons of NAPL/water mixture removed.
	7/26/2021	--			9.16	81.46	Y	96	2021 Well Inspections - Well uncovered under crushed stone 9/29/21 and gauged; Well in good condition.
MW-10	10/13/2025	7.65	8.7 - 19.5	92.38	Dry		N	0	Obstruction in well.
	10/07/2024	6.93			Dry	--	N	0	Could not advance beyond 6.93'.
	10/09/2023	--		91.66	--	--	N	0	Obstruction at 6.79 ft bgs.
	9/27/2022	--			--	--	N	0	Not measured. Obstruction at approximately 6.5 ft bgs. No J-plug.
	9/27/2021	91.66			Dry	--	N	0	PVC noted to be crushed at approx. 6.89 ft below surface.

TABLE 1
GROUNDWATER GAUGING MEASUREMENTS
ANNUAL MONITORING REPORT 2025 MECHANICVILLE CENTRAL AVENUE FORMER MGP SITE
MECHANICVILLE, NEW YORK

Well ID	Date Gauged	Total Depth (ft bTOC)	Screen Interval/Open Hole (ft bTOC)	Reference Elevation (TOC)	Depth to Water (ft bTOC)	Groundwater Elevation	NAPL Observed (Y/N)	NAPL Thickness (in)	Notes
MW-10I	10/13/2025	43.21	22 - 43^	92.91	11.74	81.17	N	0	Needs J-plug, 1 bolt broken in eyelet of curb box.
	10/08/2024	41.86			12.43	80.48	N	0	Missing one bolt.
	10/09/2023	41.97		92.21	12.04	80.17	N	0	Well in good condition.
	9/27/2022	43.20			11.60	80.61	N	0	Well in good condition.
	9/27/2021	42.00			11.19	81.02	N	0	Well in good condition.
	7/26/2021	42.15			11.29	80.92	N	0	2021 Well Inspections - Well in good condition.
MW-12	10/07/2024	--	--	--	--	--	--	--	Decommissioned.
	10/09/2023	26.44	14.5 - 25.5	95.95	15.72	80.23	Y	Trace	Trace NAPL on bottom.
	9/27/2022	26.20			15.33	80.62	N	0	No J-plug; otherwise well in good condition.
	9/27/2021	26.50			15.13	80.82	N	0	Well in good condition.
	7/26/2021	25.54			15.20	80.75	N	0	2021 Well Inspections - Well in good condition.
MW-12S	10/07/2024	--	--	--	--	--	--	--	Decommissioned.
	10/09/2023	29.04	11 - 26	95.97	15.96	80.01	N	0	No lock on well.
	9/27/2022	28.80			15.44	80.53	N	0	Well in good condition.
	9/27/2021	29.15			14.95	81.02	N	0	Well in good condition.
	7/26/2021	28.75			15.10	80.87	N	0	2021 Well Inspections - Well in good condition.
MW-13	10/13/2025	49.09	44.7 - 55.5	96.75	15.90	80.85	Y	Trace	Lock replaced.
	10/07/2024	48.35			16.63	80.12	Y	Trace	Missing lock. NAPL not measurable.
	10/09/2023	48.21		96.04	16.25	79.79	Y	Trace	Trace NAPL on bottom.
	9/27/2022	47.85			15.75	80.29	N	0	Well in good condition.
	9/27/2021	48.17			15.31	80.73	N	0	Well in good condition.
	7/26/2021	54.13			15.17	80.87	N	0	2021 Well Inspections - Well in good condition.
MW-15IR	10/13/2025	75.90	16 - 75^	88.13	8.59	79.54	N	0	Well in good condition.
	10/07/2024	74.86			9.30	78.83	N	0	Well in good condition.
	10/09/2023	75.00		87.47	8.84	78.63	N	0	Sediment present on probe
	9/27/2022	78.52			8.51	78.96	N	0	Well in good condition.
	9/27/2021	75.00			7.62	79.85	N	0	Well in good condition; Bolt replacement needed.
	9/27/2022	75.10			8.10	79.37	N	0	2021 Well Inspections - Well in good condition. Bolt replacement needed.
MW-18	10/07/2024	--	--	--	--	--	--	--	Decommissioned.
	10/09/2023	36.92	28 - 38	93.54	13.67	79.87	N	0	No J-plug, lid loose, one bent bolt.
	9/27/2022	35.10			13.22	80.32	N	0	Only accessible by removing whole casing cover; Repair needed. No J-plug.
	9/27/2021	37.10			12.92	80.62	N	0	Only accessible by removing whole casing cover; Repair needed.
	7/26/2021	37.65			12.89	80.65	N	0	2021 Well Inspections - Only accessible by removing whole casing cover; Repair needed.
MW-22-IR	10/13/2025	76.18	16-75^	87.74	8.31	79.43	N	0	Well in good condition.
	10/07/2024	75.06			8.86	78.88	N	0	Missing one bolt.
	10/09/2023	71.86		87.05	8.23	78.82	N	0	Well in good condition
	9/27/2022	77.87			8.39	78.66	N	0	Well in good condition.
	7/26/2021	75.50			7.72	79.33	N	0	2021 Well Inspections - Well in good condition.
MW-25I	10/13/2025	46.35	27 - 47^	95.27	14.33	80.94	Y	Trace	Well in good condition.
	10/07/2024	45.75			15.16	80.11	N	0	Well in good condition.
	10/09/2023	46.85		88.74	16.58	72.16	N	0	No J-plug. Lock had to be cut.
	9/27/2022	31.46			16.06	72.68	N	0	Well in good condition; Stick up bent slightly.
	9/27/2021	47.35			15.60	73.14	N	0	Well in good condition; Stick up bent slightly.
	7/26/2021	47.35			15.69	73.05	N	0	2021 Well Inspections - Well in good condition; Stick up bent slightly.
MW-25S	10/07/2024	--	--	--	--	--	--	--	Decommissioned.
	10/09/2023	24.89	11-16	96.03	15.74	80.29	N	0	Well in good condition
	9/27/2022	24.41			15.30	80.73	N	0	Well in good condition.
	7/26/2021	24.70			15.17	80.86	N	0	2021 Well Inspections - Well in good condition.

TABLE 1
GROUNDWATER GAUGING MEASUREMENTS
ANNUAL MONITORING REPORT 2025 MECHANICVILLE CENTRAL AVENUE FORMER MGP SITE
MECHANICVILLE, NEW YORK

Well ID	Date Gauged	Total Depth (ft bTOC)	Screen Interval/Open Hole (ft bTOC)	Reference Elevation (TOC)	Depth to Water (ft bTOC)	Groundwater Elevation	NAPL Observed (Y/N)	NAPL Thickness (in)	Notes
MW-29IR	10/13/2025	74.56	17.1 - 75^	87.10	7.86	79.24	N	0	PVC cap cracked (6").
	10/07/2024	71.82			8.75	78.35	N	0	Missing two bolts. Plug lid cracked.
	10/09/2023	75.31		86.42	8.29	78.13	N	0	Missing one bolt.
	9/27/2022	79.30			8.30	78.12	N	0	Well in good condition.
	9/27/2021	72.35			7.76	78.66	N	0	Well in good condition.
	7/26/2021	73.70			8.25	78.17	N	0	2021 Well Inspections - Well in good condition.
MW-30S	10/13/2025	28.79	10 - 25	96.27	15.06	81.21	N	0	Well in good condition.
	10/07/2024	28.70			15.56	80.71	Y	Trace	Missing lock. NAPL not measurable.
	10/09/2023	28.80		95.62	15.28	80.34	N	0	No lock, no J-plug.
	9/27/2022	29.31			14.88	80.74	N	0	Well in good condition.
	9/27/2021	28.70			14.62	81.00	N	0	Well in good condition.
	7/26/2021	25.10			14.74	80.88	N	0	2021 Well Inspections - Well in good condition.
MW-30D	10/13/2025	124.20	90 -121^	96.47	15.20	81.27	Y	Trace	Well in good condition.
	10/07/2024	123.50			15.24	81.23	Y	Trace	Missing lock.
	10/09/2023	122.89		95.76	15.24	80.52	Y	Trace	No lock, no J-plug. Material stuck to inside casing, globs of NAPL on probe.
	9/27/2022	122.85			14.23	81.53	N	0	Well in good condition. No J-plug.
	9/27/2021	123.00			14.46	81.30	N	0	Well in good condition.
	7/26/2021	82.11			14.51	81.25	N	0	2021 Well Inspections - Well in good condition.
MW-32D	10/13/2025	114.31	91 - 111.5^	90.48	14.94	75.54	N	0	Well in good condition.
	10/07/2024	113.55			16.22	74.26	N	0	No lock.
	10/09/2023	113.53		90.14	17.85	72.29	N	0	Not locked.
	9/27/2022	112.76			19.74	70.40	N	0	Well in good condition.
	9/27/2021	113.60			21.84	68.30	N	0	Well in good condition.
	7/26/2021	91.80			22.27	67.87	N	0	2021 Well Inspections - Well in good condition.

Notes:
All data prior to 2023 collected and reported by previous consultants.
All elevations referenced to the National Geodetic Vertical Datum of 1929.
ft bTOC - feet below top of casing
NAPL - non-aqueous phase liquid
-- - Information not available
^ - Denotes open hole

TABLE 2
NON-AQUEOUS PHASE LIQUID MONITORING - SITE MONITORING PLAN WELLS
ANNUAL MONITORING REPORT 2025 MECHANICVILLE CENTRAL AVENUE FORMER MGP SITE
MECHANICVILLE, NEW YORK

Monitoring Well	NAPL Thickness (inches)	NAPL - Water Mixture Removed (gallons)	NAPL Thickness (inches)	NAPL - Water Mixture Removed (gallons)	NAPL Thickness (inches)	NAPL - Water Mixture Removed (gallons)
	June 2016		July 2017		August 2018	
TW-1	1.75	0	1.5	0	18	14
TW-2I	2.0	0	0.0	0	0.0	0
TW-3	0.0	0	0.0	0	0.0	0
MW-1I	Not Measured	--	Not Measured	--	Not Measured	--
MW-1D	0.0	0	0.0	0	0.0	0
MW-10D	1.5	0	1.5	0	20.25	3
MW-33D	0.0	0	Trace NAPL	0	0.0	0
MW-34D	Decommissioned	--	Decommissioned	--	Decommissioned	--
MW-35I	Not Accessible	--	Unable to Locate	--	Not Accessible	--
MW-42D	5.0	0	5.0	0	1.0	0
MW-44I	Not Accessible	--	Unable to Locate	--	Decommissioned	--
MW-45I	3.5	0	1.5	0	48	19
Total NAPL - Water Mixture Removed		**0**		**0**		**36**

TABLE 2
NON-AQUEOUS PHASE LIQUID MONITORING - SITE MONITORING PLAN WELLS
ANNUAL MONITORING REPORT 2025 MECHANICVILLE CENTRAL AVENUE FORMER MGP SITE
MECHANICVILLE, NEW YORK

Monitoring Well	NAPL Thickness (inches)	NAPL - Water Mixture Removed (gallons)	NAPL Thickness (inches)	NAPL - Water Mixture Removed (gallons)	NAPL Thickness (inches)	NAPL - Water Mixture Removed (gallons)
	September 2019		October 2020		September 2021	
TW-1	12	15	2.0	0	0.0	0
TW-2I	0.0	0	0.0	0	Unable to locate	--
TW-3	0.0	0	0.0	0	0.0	0
MW-1I	Not Measured	--	Not Measured	--	Not Measured	--
MW-1D	0.0	0	0.0	0	0.0	0
MW-10D	1.5	0	0.25	0	2.0	0
MW-33D	0.5	0	0.0	0	0.0	0
MW-34D	Decommissioned	--	Decommissioned	--	Decommissioned	--
MW-35I	18	20	4.0	0	3.5	0
MW-42D	1.0	0	Not Accessible	--	0.0	0
MW-44I	Decommissioned	--	Decommissioned	--	Decommissioned	--
MW-45I	8.0	10	5.0	0	Blebs	0
Total NAPL - Water Mixture Removed		**45**		**0**		**0**

TABLE 2
NON-AQUEOUS PHASE LIQUID MONITORING - SITE MONITORING PLAN WELLS
ANNUAL MONITORING REPORT 2025 MECHANICVILLE CENTRAL AVENUE FORMER MGP SITE
MECHANICVILLE, NEW YORK

Monitoring Well	NAPL Thickness (inches)	NAPL - Water Mixture Removed (gallons)	NAPL Thickness (inches)	NAPL - Water Mixture Removed (gallons)	NAPL Thickness (inches)	NAPL - Water Mixture Removed (gallons)
	September 2022		October 2023		October 2024	
TW-1	15.6	10.3	Blebs	0.0	Trace	0.0
TW-2I	Unable to locate	--	Unable to locate	--	Trace	0.0
TW-3	0.0	0	0.0	0.0	Trace	0.0
MW-1I	102	35.8	0.0	0.0	Trace	0.0
MW-1D	0.0	0	Blebs	0.0	Trace	0.0
MW-10D	2.0	0	2.0	0.0	6.0	1.0
MW-33D	0.0	0	0.0	0.0	Trace	0.0
MW-34D	Decommissioned	--	Decommissioned	--	Decommissioned	--
MW-35I	0.0	0	Trace	0.0	2.0	0.0
MW-42D	0.0	0	0.0	0.0	Not measured*	0.0
MW-44I	Decommissioned	--	Decommissioned	--	Decommissioned	--
MW-45I	39.6	18.4	0.0	0.0	Trace	0.0
Total NAPL - Water Mixture Removed		**65**		**0**		**1**

TABLE 2
NON-AQUEOUS PHASE LIQUID MONITORING - SITE MONITORING PLAN WELLS
ANNUAL MONITORING REPORT 2025 MECHANICVILLE CENTRAL AVENUE FORMER MGP SITE
MECHANICVILLE, NEW YORK

Monitoring Well	NAPL Thickness (inches)	NAPL - Water Mixture Removed (gallons)
	October 2025	
TW-1	Trace	0.0
TW-2I	10	3.0
TW-3	0.0	0.0
MW-1I	8.0	1.0
MW-1D	Trace	0.0
MW-10D	4.0	0.0
MW-33D	0.0	0.0
MW-34D	Decommissioned	--
MW-35I	Trace	0.0
MW-42D	Not measured*	--
MW-44I	Trace	0.0
MW-45I	Trace	0.0
Total NAPL - Water Mixture Removed (Gallons)		**4**

Notes:
All data prior to 2023 collected and reported by previous consultants.
NAPL - Non-Aqueous Phase Liquid
* - MW-42D was not measured due to being unable to access well
-- - Not applicable

TABLE 3
VOLATILE ORGANIC COMPOUNDS RESULTS IN GROUNDWATER SAMPLES
ANNUAL MONITORING REPORT 2025 MECHANICVILLE CENTRAL AVENUE FORMER MGP SITE
MECHANICVILLE, NEW YORK

Sample ID	Sample Date	VOCs (µg/L)																					
		1,1-Dichloroethane		Acetone		Benzene		Carbon Disulfide		Chlorobenzene		Chloroform		Ethylbenzene		Isopropylbenzene (Cumene)		Tert-Butyl Methyl Ether		Toluene		Xylenes, Total	
AWQS/GV		5		50		1		NS		5		7		5		5		NS		5		5	
MW-2	10/14/2025	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	10/10/2023	1	U	10	UJ	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	9/28/2021	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	9/11/2019	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	7/11/2017	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	5/22/2015	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	3/14/2012	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
TW-2S	10/14/2025	1	U	10	U	**1,300**	**D**	1	U	1	U	1	U	**520**	**D**	**28.0**		1	U	**25.0**		**190**	**D**
	10/10/2023	2	UJ	20	UJ	**3.1**	**J**	2	UJ	2	UJ	2	UJ	2	UJ	2	UJ	2	UJ	2	UJ	4	UJ
	9/28/2021	5	U	50	U	**270**		5	U	5	U	5	U	**100**		**4.5**	**J**	5	U	**8.5**		**36**	
	9/11/2019	1	U	**4.4**	**J**	**230**		1	U	1	U	1	U	**76**		**2.8**		1	U	**7.3**		**28**	
	6/19/2015	1	U	10	U	**730**	**E**	1	U	1	U	1	U	**540**	**E**	**26**		1	U	**33**		**230**	**E**
	3/15/2012	5	U	50	U	**400**		5	U	5	U	5	U	**280**		**17**		5	U	**13**		**77**	
MW-2I	10/14/2025	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	10/10/2023	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	9/28/2021	2	U	20	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	4	U
	9/11/2019	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	7/11/2017	1	U	**34**		1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	5/12/2015	1	U	**7.2**	**J**	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	3/14/2012	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
MW-17	10/14/2025	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	0.21	J	1	U	2	U
	10/11/2023	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	**0.27**	**J**	1	U	2	U
	9/28/2021	**0.63**	**J**	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	9/11/2019	**1.0**		10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	7/12/2017	**0.88**	**J**	10	U	1	U	1	U	1	U	**1.2**		1	U	1	U	**0.32**	**J**	1	U	2	U
	5/21/2015	1	U	10	U	1	U	1	U	1	U	**1.2**		1	U	1	U	1	U	1	U	2	U
	3/13/2012	**0.81**	**J**	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
MW-17I	10/14/2025	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	9/28/2021	1 [1]	U	10 [10]	U	1 [1]	U	1 [1]	U	1 [1]	U	1 [1]	U	1 [1]	U	1 [1]	U	1 [1]	U	1 [1]	U	2 [2]	U
	9/10/2019	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	7/12/2017	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	6/19/2015	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	3/14/2012	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
MW-17D	10/15/2025	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	10/10/2023	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	2021 SIM	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
	9/29/2021	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	9/11/2019	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	7/12/2017	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	5/12/2015	20	U	200	U	20	U	20	U	1	U	20	U	20	U	1	U	20	U	20	U	40	U
	3/14/2012	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
MW-20D	10/15/2025	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	10/11/2023	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	10/1/2021	1	U	**4.9**	**J**	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	9/12/2019	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	7/12/2017	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	5/21/2015	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	3/13/2012	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
MW-34D	3/15/2012	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	**5.3**		2	U

TABLE 3
VOLATILE ORGANIC COMPOUNDS RESULTS IN GROUNDWATER SAMPLES
ANNUAL MONITORING REPORT 2025 MECHANICVILLE CENTRAL AVENUE FORMER MGP SITE
MECHANICVILLE, NEW YORK

Sample ID	Sample Date	VOCs (µg/L)																					
		1,1-Dichloroethane		Acetone		Benzene		Carbon Disulfide		Chlorobenzene		Chloroform		Ethylbenzene		Isopropylbenzene (Cumene)		Tert-Butyl Methyl Ether		Toluene		Xylenes, Total	
	AWQS/GV	5		50		1		NS		5		7		5		5		NS		5		5	
MW-36I	10/15/2025	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	10/11/2023	1 [1]	U [U]	10 [10]	U [UJ]	1 [1]	U [U]	1 [1]	U [U]	1 [1]	U [U]	1 [1]	U [U]	1 [1]	U [U]	1 [1]	U [U]	1 [1]	U [U]	1 [1]	U [U]	2 [1]	U [U]
	9/28/2021	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	9/11/2019	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	7/13/2017	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	5/22/2015	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	3/14/2012	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
MW-36D	10/15/2025	1 [1]	U [U]	10 [10]	U [U]	1 [1]	U [U]	1 [1]	U [U]	1 [1]	U [U]	1 [1]	U [U]	1 [1]	U [U]	1 [1]	U [U]	1 [1]	U [U]	1 [1]	U [U]	2 [2]	U [U]
	10/11/2023	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	9/28/2021	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	9/11/2019	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	7/13/2017	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	5/22/2015	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	3/14/2012	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
MW-38I	10/14/2025	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	10/10/2023	1	U	**3.1**	**J**	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	2021 SIM	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
	9/29/2021	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	9/11/2019	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	7/11/2017	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	**0.97**	**J**
	5/21/2015	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	3/13/2012	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
MW-38D	10/14/2025	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	10/10/2023	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	2021 SIM	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
	9/29/2021	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	9/11/2019	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	7/13/2017	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	5/12/2015	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	3/13/2012	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
MW-39D	10/14/2025	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	10/10/2023	1	U	10	UJ	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	2021 SIM	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
	9/29/2021	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	9/12/2019	0.26	U	4.4	U	0.20	U	0.82	U	0.38	U	0.33	U	0.30	U	0.34	U	0.47	U	0.38	U	0.65	U
	7/11/2017	1	U	10	U	1	U	**0.55**	**J**	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	6/19/2015	1	U	10	U	1	U	**0.28**	**J**	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	3/13/2012	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
MW-40D	10/11/2023	1	U	10	UJ	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	9/11/2019	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	7/13/2017	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	5/22/2015	1	U	10	U	**0.95**	**J**	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	3/15/2012	1	U	**3.8**	**J**	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
MW-46I	10/14/2025	1	U	10	U	**89.0**		1	U	**4.0**		1	U	1	U	1	U	1	U	1	U	**3.9**	
	9/11/2019	1	U	**5.7**		**12.0**		1	U	**0.71**	**J**	1	U	**1.1**		**0.56**	**J**	1	U	**0.40**	**J**	**1.0**	**J**
	5/21/2015	1	U	10	U	**8.6**		1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	3/15/2012	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
EQP Blank	10/14/2025	1	U	10	U	1	U	1	U	1	U	**0.49**	**J**	1	U	1	U	1	U	1	U	2	U
	10/15/2025	1	U	**10**		1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	9/28/2021	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U

TABLE 3
VOLATILE ORGANIC COMPOUNDS RESULTS IN GROUNDWATER SAMPLES
ANNUAL MONITORING REPORT 2025 MECHANICVILLE CENTRAL AVENUE FORMER MGP SITE
MECHANICVILLE, NEW YORK

Sample ID	Sample Date	VOCs (µg/L)																			
		1,1-Dichloroethane		Acetone		Benzene		Carbon Disulfide		Chlorobenzene		Chloroform		Ethylbenzene		Isopropylbenzene (Cumene)		Tert-Butyl Methyl Ether		Toluene		Xylenes, Total	
AWQS/GV		**5**		**50**		**1**		**NS**		**5**		**7**		**5**		**5**		**NS**		**5**		**5**	
Trip Blank	10/14/2025	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	10/14/2025	1	U	10	U	1	U	1	U	1	U	**0.48**	**J**	1	U	1	U	1	U	1	U	2	U
	10/14/2025	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	9/28/2021	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U
	9/29/2021	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U

Notes:

All data prior to 2023 collected and reported by previous consultants.
All samples analyzed by Eurofins Environment Testing in Buffalo, New York.
Data presented are detected constituents.
Full lab report available in Appendix E.
Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values (AWQS/GV) for water class GA.
VOC samples were analyzed by EPA Method 8260C.
Xylene AWQS (5 µg/L) applies to the sum of isomers.
Bold - Analyte was detected in laboratory analysis
Shaded cell - Analyte was detected above the AWQS/GV
µg/L - micrograms per liter
[ ] - Indicates duplicate sample results
E - Result exceeded calibration range

TABLE 4
SEMI-VOLATILE ORGANIC COMPOUNDS AND CYANIDE RESULTS IN GROUNDWATER SAMPLES
ANNUAL MONITORING REPORT 2025 MECHANICVILLE CENTRAL AVENUE FORMER MGP SITE
MECHANICVILLE, NEW YORK

Sample ID	Sample Date	SVOCs (ug/L)																					
		2,4-Dimethylphenol		2-Methylnaphthalene		4-Methylphenol (P-Cresol)		Acenaphthene		Acenaphthylene		Acetophenone		Anthracene		Benzaldehyde		Benzo(a)anthracene		Benzo(a)pyrene	
	AWQS/GV	50		NS		NS		20		NS		NS		50		NS		0.002		Any detect	
MW-2	10/14/2025	4.8	U	4.8	U	4.8	U	2.4	U	1.4	U	24	U	2.4	U	24	U	1.4	U	0.87	U
	10/10/2023	4.8	U	2.4	U	4.8	U	2.4	U	1.4	U	24	U	2.4	U	24	U	1.4	U	0.86	U
	9/28/2021	5	U	2.5	U	5	U	2.5	U	1.5	U	25	U	2.5	U	25	U	1.5	U	0.90	U
	9/11/2019	0.24	U	1.1	U	0.24	U	1.1	U	0.82	U	0.79	U	0.63	U	0.59	U	0.59	U	0.41	U
	7/11/2017	5	U	5	U	10	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
	5/22/2015	4.9	U	4.9	U	9.9	U	4.9	U	4.9	U	4.9	U	4.9	U	**0.36**	**J**	4.9	U	4.9	U
	3/14/2012	4.7	U	4.7	U	9.4	U	4.7	U	4.7	U	4.7	U	4.7	U	4.7	U	4.7	U	4.7	U
TW-2S	10/14/2025	9.5	UJ	**16.0**	J	9.5	UJ	**200**	**DJ**	**3.0**	J	**48.0**	**UB**	**7.2**	J	48	UJ	**0.33**	**J**	1.7	UJ
	10/10/2023	9.5	U	4.8	U	9.5	U	4.8	U	2.9	U	48	U	4.8	U	48	UJ	**0.40**	**J**	1.7	U
	9/28/2021	5	U	**4.6**		**3.3**	**J**	**40**		1.5	U	**1**	**J**	**1.1**	**J**	**1.3**	**J**	1.5	U	0.90	U
	9/11/2019	0.24	U	0.26	U	0.24	U	**9.1**	**J**	0.82	U	0.79	U	0.63	U	0.59	U	0.59	U	0.41	U
	6/19/2015	**0.91**	**J**	**13**		**0.59**	**J**	**220**	**JD**	**11**		**5.8**		**25**		4.8	U	**0.74**	**J**	4.8	U
	3/15/2012	4.8	U	**3.3**	**J**	9.6	U	**150**		**6.6**		4.8	U	**22**		4.8	U	**1.2**	**J**	4.8	U
MW-2I	10/14/2025	4.8	U	2.4	U	4.8	U	2.4	U	1.4	U	24	U	2.4	U	24	U	1.4	U	0.87	U
	10/10/2023	4.8	U	2.4	U	4.8	U	2.4	U	1.4	U	24	U	2.4	U	24	UJ	1.4	U	0.87	U
	9/28/2021	1	U	0.50	U	1	U	0.50	U	0.30	U	5	U	0.50	U F2	5	U	0.30	U	0.18	U
	9/11/2019	0.24	U	0.24	U	0.24	U	1.1	U	0.82	U	0.79	U	0.63	U	0.59	U	0.59	U	0.41	U
	7/11/2017	5	U	5	U	10	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
	5/12/2015	4.9	U	4.9	U	9.7	U	4.9	U	4.9	U	4.9	U	4.9	U	**0.3**	**J**	4.9	U	4.9	U
	3/14/2012	4.7	U	4.7	U	9.4	U	4.7	U	4.7	U	4.7	U	4.7	U	4.7	U	4.7	U	4.7	U
MW-17	10/14/2025	9.6	U	4.8	U	9.6	U	4.8	U	2.9	U	48	U	4.8	U	48	U	2.9	U	1.7	U
	10/11/2023	9.5	U	4.8	U	9.5	U	4.8	U	2.9	U	48	U	4.8	U	48	UJ	2.9	U	1.7	U
	9/28/2021	20	U	10	U	20	U	10	U	6	U	100	U	10	U	100	U	6	U	3.6	U
	9/11/2019	0.24	U	0.26	U	0.24	U	1.1	U	0.82	U	0.79	U	0.63	U	0.59	U	0.59	U	0.41	U
	7/12/2017	5	U	5	U	10	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
	5/21/2015	26	U	26	U	52	U	26	U	26	U	26	U	26	U	26	U	26	U	26	U
	3/13/2012	5.2	U	5.2	U	10	U	5.2	U	5.2	U	5.2	U	5.2	U	5.2	U	**0.43**	**J**	**0.81**	**J**
MW-17I	10/14/2025	0.98	U	0.98	U	0.98	U	0.49	U	0.29	U	4.9	U	0.49	U	4.9	U	0.29	U	0.18	U
	2021 DUP	1	U	0.50	U	1	U	0.50	U	0.30	U	5	U	0.50	U	5	U	0.30	U	0.18	U
	9/28/2021	1	U	0.50	U	1	U	0.50	U	0.30	U	5	U	0.50	U	5	U	0.30	U	0.18	U
	9/10/2019	0.24	U	0.26	U	0.24	U	1.1	U	0.82	U	0.79	U	0.63	U	0.59	U	0.59	U	0.41	U
	7/12/2017	5	U	5	U	10	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
	6/19/2015	4.7	U	4.7	U	9.5	U	4.7	U	4.7	U	4.7	U	4.7	U	**0.42**	**BJ**	4.7	U	4.7	U
	3/14/2012	5.2	U	5.2	U	10	U	5.2	U	5.2	U	5	U	5	U	5.2	U	5.2	U	5.2	U
MW-17D	10/15/2025	4.8	U	2.4	U	4.8	U	2.4	U	1.4	U	24	U	2.4	U	24	U	1.4	U	0.86	U
	10/10/2023	6.0	U	2.4	U	4.8	U	2.4	U	1.4	U	24	U	2.4	U	24	UJ	1.4	U	0.86	U
	2021 SIM	NA		NA		NA		0.050	U	0.050	U	NA		0.050	U	NA		0.050	U	0.050	U
	9/29/2021	5	U	2.5	U	5	U	2.5	U	1.5	U	25	U	2.5	U	25	U	1.5	U	0.90	U
	9/11/2019	0.24	U	0.26	U	0.24	U	1.1	U	0.82	U	0.79	U	0.63	U	0.59	U	0.59	U	0.41	U
	7/12/2017	5	U	5	U	10	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
	5/12/2015	4.9	U	4.9	U	**3.3**	**JD**	4.9	U	4.9	U	4.9	U	4.9	U	**0.36**	**J**	4.9	U	4.9	U
	3/14/2012	4.7	U	4.7	U	9.4	U	4.7	U	4.7	U	4.7	U	4.7	U	4.7	U	**0.62**	**J**	**0.88**	**J**
MW-20D	10/15/2025	0.96	U	0.48	UJ	0.96	U	**0.087**	**J**	0.29	UJ	4.8	UJ	0.48	UJ	4.8	UJ	0.29	UJ	0.17	UJ
	10/11/2023	0.98	U	**0.43**	**J**	**5.3**		**0.45**	**J**	0.29	U	4.9	U	0.49	U	4.9	UJ	0.29	U	0.18	U
	10/1/2021	1	U	**0.053**	**JB**	1	U	0.50	U	0.30	U	5	U	0.50	U	5	U	0.30	U	0.18	U
	9/12/2019	0.24	U	0.26	U	0.24	U	1.1	U	0.82	U	0.79	U	0.63	U	0.59	U	0.59	U	0.41	U
	7/12/2017	5	U	5	U	10	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
	5/21/2015	5.4	U	5.4	U	11	U	5.4	U	5.4	U	5.4	U	5.4	U	5.4	U	5.4	U	5.4	U
	3/13/2012	5	U	5	U	9.9	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
MW-34D	3/15/2012	6	U	6	U	12	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U
MW-36I	10/15/2025	0.95	U	0.48	U	0.95	U	**0.077**	**J**	0.29	U	4.8	U	**0.059**	**J**	4.8	U	**0.064**	**J**	0.17	U

TABLE 4
SEMI-VOLATILE ORGANIC COMPOUNDS AND CYANIDE RESULTS IN GROUNDWATER SAMPLES
ANNUAL MONITORING REPORT 2025 MECHANICVILLE CENTRAL AVENUE FORMER MGP SITE
MECHANICVILLE, NEW YORK

Sample ID	Sample Date	SVOCs (ug/L)																					
		2,4-Dimethylphenol		2-Methylnaphthalene		4-Methylphenol (P-Cresol)		Acenaphthene		Acenaphthylene		Acetophenone		Anthracene		Benzaldehyde		Benzo(a)anthracene		Benzo(a)pyrene	
	AWQS/GV	50		NS		NS		20		NS		NS		50		NS		0.002		Any detect	
MW-36I	10/11/2023	0.95	U	0.48	U	0.95	U	**0.036**	**J**	0.29	U	4.8	U	0.48	U	4.8	UJ	0.29	U	0.17	U
	9/28/2021	5	U	2.5	U	5	U	2.5	U	1.5	U	25	U	2.5	U	25	U	1.5	U	0.90	U
	9/11/2019	0.24	U	0.26	U	0.24	U	1.1	U	0.82	U	0.79	U	0.63	U	0.59	U	0.59	U	0.41	U
	7/13/2017	5	U	5	U	10	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
	5/22/2015	4.8	U	4.8	U	9.6	U	4.8	U	4.8	U	4.8	U	4.8	U	**0.42**	**J**	4.8	UT	4.8	UT
	3/14/2012	5.1	U	5.1	U	10	U	5.1	U	5.1	U	5.1	U	5.1	U	5.1	U	5.1	U	5.1	U
MW-36D	10/15/2025	0.95 [0.95]	U	0.48 [0.48]	U	0.95 [0.95]	U	0.48 [0.48]	U	0.29 [0.29]	U	4.8 [4.8]	U	0.48 [0.48]	U	4.8 [4.8]	U	0.29 [0.29]	U	0.17 [0.17]	U
	10/15/2025 DUP	0.95	U	0.48	U	0.95	U	0.48	U	0.29	U	4.8	U	0.48	U	4.8	U	0.29	U	0.17	U
	10/11/2023	1.0	U	0.52	U	1.0	U	0.52	U	0.31	U	5.2	U	0.52	U	5.2	UJ	0.31	U	0.19	U
	9/28/2021	1	U	0.50	U	1	U	**0.047**	**J**	0.30	U	5	U	**0.039**	**J**	5	U	0.30	U	0.18	U
	9/11/2019	0.24	U	0.26	U	0.24	U	1.1	U	0.82	U	0.79	U	0.63	U	0.59	U	0.59	U	0.41	U
	7/13/2017	5	U	5	U	10	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
	5/22/2015	4.9	U	4.9	U	9.8	U	4.9	U	4.9	U	4.9	U	4.9	U	**0.40**	**J**	4.9	U	4.9	U
	3/14/2012	4.8	U	4.8	U	9.6	U	4.8	U	4.8	U	4.8	U	4.8	U	4.8	U	4.8	U	4.8	U
MW-38I	10/14/2025	9.6	U	4.8	U	9.6	U	4.8	U	2.9	U	48	U	4.8	U	48	U	2.9	U	1.7	U
	10/10/2023	10	U	5.1	U	10	U	5.1	U	3.0	U	51	U	5.1	U	51	UJ	3.0	U	1.8	U
	2021 SIM	NA		NA		NA		0.050	U	0.050	U	NA		0.050	U	NA		0.050	U	0.050	U
	9/29/2021	5	U	2.5	U	5	U	2.5	U	1.5	U	25	U	2.5	U	25	U	1.5	U	0.90	U
	9/11/2019	0.24	U	0.26	U	0.24	U	1.1	U	0.82	U	0.79	U	0.63	U	0.59	U	**0.85**	**J**	**1.1**	
	7/11/2017	5	U	**1.3**	**J**	**1.3**	**J**	**6.3**		**0.58**	**J**	5	U	**1.7**	**J**	5	U	5	U	5	U
	5/21/2015	25	U	25	U	51	U	**2.8**	**J**	25	U	25	U	25	U	25	U	25	U	25	U
	3/13/2012	4.7	U	4.7	U	9.4	U	4.7	U	4.7	U	4.7	U	4.7	U	4.7	U	**0.81**	**J**	**0.92**	**J**
MW-38D	10/14/2025	4.8	U	2.4	U	4.8	U	2.4	U	1.4	U	24	U	2.4	U	24	U	1.4	U	0.86	U
	10/10/2023	4.8	U	2.4	U	2.4	U	2.4	U	1.4	U	24	U	2.4	U	24	UJ	1.4	U	0.86	U
	2021 SIM	NA		NA		NA		0.050	U	0.050	U	NA		0.050	U	NA		0.050	U	0.050	U
	9/29/2021	5	U	2.5	U	5	U	2.5	U	1.5	U	25	U	2.5	U	25	U	1.5	U	0.90	U
	9/11/2019	0.24	U	0.26	U	0.24	U	1.1	U	0.82	U	0.79	U	0.63	U	0.59	U	0.59	U	0.41	U
	7/13/2017	5.0	U	5	U	10	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
	5/12/2015	4.9	U	4.9	U	9.9	U	**0.72**	**J**	4.9	U	4.9	U	4.9	U	**0.38**	**J**	4.9	U	4.9	U
	3/13/2012	5.2	U	5.2	U	10	U	5.2	U	5.2	U	5.2	U	5.2	U	5.2	U	5.2	U	5.2	U
MW-39D	10/14/2025	4.8	U	2.4	U	4.8	U	2.4	U	1.4	U	24	U	2.4	U	24	U	1.4	U	0.86	U
	10/10/2023	4.8	U	2.4	U	4.8	U	2.4	U	1.4	U	24	U	2.4	U	24	UJ	1.4	U	0.86	U
	2021 SIM	NA		NA		NA		0.050	U	0.050	U	NA		0.050	U	NA		0.050	U	0.050	U
	9/29/2021	5	U	2.5	U	5	U	2.5	U	1.5	U	25	U	2.5	U	25	U	1.5	U	0.90	U
	9/12/2019	0.24	U	1.1	U	0.24	U	1.1	U	0.82	U	0.79	U	0.63	U	0.59	U	0.59	U	0.41	U
	7/11/2017	5	U	5	U	10	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
	6/19/2015	5	U	5	U	9.9	U	5	U	5	U	5	U	5	U	**0.38**	**BJ**	5	U	5	U
	3/13/2012	4.9	U	4.9	U	9.8	U	4.9	U	4.9	U	4.9	U	4.9	U	4.9	U	4.9	U	**0.67**	**J**
MW-40	10/11/2023	9.5	U	1.1	J	9.5	U	1.0	J	1.1	J	48	U	4.8	U	48	UJ	2.9	U	1.7	U
	9/11/2019	0.24	U	0.26	U	0.24	U	1.1	U	0.82	U	0.79	U	0.63	U	0.59	U	0.59	U	0.41	U
	7/13/2017	5	U	5	U	10	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
	5/22/2015	24	U	24	U	49	U	24	U	24	U	24	U	24	U	24	U	24	U	24	U
	3/15/2012	5.6	U	5.6	U	11	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
MW-46I	10/14/2025	0.96	U	**0.12**	**J**	0.96	U	**6.8**		**0.13**	**J**	4.8	U	**0.19**	**J**	4.8	U	0.29	U	0.17	U
	9/11/2019	0.24	U	1.1	U	0.24	U	**12**		**1.2**	**J**	0.79	U	0.63	U	0.59	U	0.59	U	0.41	U
	5/21/2015	5	U	5	U	9.9	U	**0.43**	**J**	5	U	5	U	5	U	5	U	5	U	5	U
	3/15/2012	4.9	U	4.9	U	9.8	U	4.9	U	4.9	U	4.9	U	4.9	U	4.9	U	4.9	U	4.9	U
EQP Blank	10/14/2025	1.2	U	0.6	U	1.2	U	0.60	U	0.36	U	6.0	U	0.60	U	6.0	U	0.36	U	0.21	U
	10/15/2025	0.95	U	0.48	U	0.95	U	0.48	U	0.29	U	**0.14**	**J**	0.48	U	**2.2**	**J**	0.29	U	0.17	U
	9/28/2021	1	U	0.50	U	1	U	0.50	U	0.30	U	5	U	0.50	U	5	U	0.30	U	0.18	U
Trip Blank	9/28/2021	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
	9/29/2021	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	

TABLE 4
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MECHANICVILLE, NEW YORK

Sample ID	Sample Date	SVOCs (ug/L)																					
		Benzo(b)fluoranthene		Benzo(g,h,i)perylene		Benzo(k)fluoranthene		Biphenyl (Diphenyl)		Bis(2-Ethylhexyl) Phthalate		Butylbenzylphthalate		Caprolactam		Carbazole		Chrysene		Dibenzofuran	
	AWQS/GV	0.002		NS		0.002		5		5		50		NS		NS		0.002		NS	
MW-2	10/14/2025	**0.69**	**J**	**0.42**	**J**	1.4	U	24	U	24	U	14	U	24	UJ	24	UJ	**0.5**	**J**	24	U
	10/10/2023	**0.63**	**J**	**0.39**	**J**	1.4	U	24	U	24	U	14	U	24	U	24	U	2.4	U	24	U
	9/28/2021	**0.34**	**J**	**0.35**	**J**	1.5	U	25	U	25	U	15	U	25	U*-	25	U	2.5	U	25	U
	9/11/2019	1.1	U	1.4	U	0.67	U	1.2	U	1.7	U	--		--		0.68	U	0.91	U	1.1	U
	7/11/2017	5	U	5	U	5	U	5	U	5	U	--		--		5	U	5	U	10	U
	5/22/2015	4.9	U	4.9	U	4.9	U	4.9	U	4.9	U	--		--		4.9	U	4.9	U	9.9	U
	3/14/2012	4.7	U	4.7	U	4.7	U	4.7	U	4.7	U	--		--		4.7	U	4.7	U	9.4	U
TW-2S	10/14/2025	**0.7**	**J**	4.8	UJ	2.9	UJ	**47**	**J**	48	UJ	29	UJ	48	UJ	**4.5**	**J**	4.8	UJ	**8.5**	**J**
	10/10/2023	**2.5**	**J**	**1.3**	**J**	**0.89**	**J**	48	U	48	U	29	U	48	U	48	U	**1.5**	**J**	48	U
	9/28/2021	1.5	U	2.5	U	1.5	U	**8.2**	**J**	25	U	15	U	25	U *-	**0.91**	**J**	2.5	U	**1.5**	**J**
	9/11/2019	1.1	U	1.4	U	0.67	U	1.2	U	1.7	U	--		--		0.68	U	0.91	U	1.1	U
	6/19/2015	4.8	U	4.8	U	4.8	U	**41**		4.8	U	--		--		**4.1**	**J**	**0.73**	**J**	**9.3**	**J**
	3/15/2012	4.8	U	4.8	U	4.8	U	**38**		4.8	U	--		--		**2.5**	**J**	**1.1**	**J**	**6.7**	**J**
MW-2I	10/14/2025	1.4	U	2.4	U	1.4	U	24	U	24	U	24	U	24	UJ	24	UJ	2.4	U	24	U
	10/10/2023	**0.79**	**J**	**0.39**	**J**	**0.38**	**J**	24	U	24	U	14	U	24	U	**1.8**	**J**	2.4	U	24	U
	9/28/2021	0.30	U	0.50	U	0.30	U	5	U	5	U F1	3	U	5	U*-	5	U	0.50	U	5	U
	9/11/2019	1.1	U	1.4	U	0.67	U	1.2	U	0.85	U	--		--		0.68	U	0.91	U	1.1	U
	7/11/2017	5	U	5	U	5	U	5	U	5	U	--		--		5	U	5	U	10	U
	5/12/2015	4.9	U	4.9	U	4.9	U	4.9	U	4.9	U	--		--		4.9	U	4.9	U	9.7	U
	3/14/2012	4.7	U	4.7	U	4.7	U	4.7	U	4.7	U	--		--		4.7	U	4.7	U	9.4	U
MW-17	10/14/2025	2.9	U	4.8	U	2.9	U	48	U	48	U	29	U	48	UJ	48	UJ	4.8	U	48	U
	10/11/2023	2.9	U	4.8	U	2.9	U	48	U	48	U	29	U	48	U	48	U	4.8	U	48	U
	9/28/2021	**2.0**	**J**	**2.0**	**J**	6	U	100	U	100	U	60	U	100	U*-	100	U	10	U	100	U
	9/11/2019	1.1	U	1.4	U	0.67	U	1.2	U	1.7	U	--		--		0.68	U	0.91	U	1.1	U
	7/12/2017	**0.68**	**J**	**0.62**	**J**	5	U	5	U	5	U	--		--		5	U	**0.33**	**J**	10	U
	5/21/2015	26	U	26	U	26	U	26	U	26	U	--		--		26	U	26	U	52	U
	3/13/2012	**1.6**	**J**	**1.1**	**J**	**0.78**	**J**	5.2	U	5.2	U	--		--		5.2	U	**1.5**	**J**	10	U
MW-17I	10/14/2025	0.29	U	0.49	U	0.29	U	4.9	U	4.9	U	2.9	U	4.9	UJ	4.9	UJ	0.49	U	4.9	U
	2021 DUP	0.30	U	0.50	U	0.30	U	5	U	5	U	**0.18**	**JB**	5	U*-	5	U	0.50	U	5	U
	9/28/2021	0.30	U	0.50	U	0.30	U	5	U	5	U	**0.18**	**JB**	**0.23**	**J*-**	5	U	0.50	U	5	U
	9/10/2019	1.1	U	1.4	U	0.67	U	1.2	U	1.7	U	--		--		0.68	U	0.91	U	1.1	U
	7/12/2017	5	U	5	U	5	U	5	U	5	U	--		--		5	U	5	U	10	U
	6/19/2015	4.7	U	4.7	U	4.7	U	4.7	U	4.7	U	--		--		4.7	U	4.7	U	9.5	U
	3/14/2012	5.2	U	5.2	U	5.2	U	5.2	U	5.2	U	--				5.2	U	5.2	U	10	U
MW-17D	10/15/2025	1.4	U	2.4	U	1.4	U	24	U	24	U	14	U	24	UJ	24	UJ	2.4	U	24	U
	10/10/2023	1.4	U	2.4	U	1.4	U	24	U	24	U	14	U	**1.2**	**J**	24	U	2.4	U	24	U
	2021 SIM	0.050	U	0.050	U	0.050	U	NA		NA		NA		NA		NA		0.050	U	NA	
	9/29/2021	1.5	U	2.5	U	1.5	U	25	U	25	U	15	U	25	U*-	25	U	2.5	U	25	U
	9/11/2019	1.1	U	1.4	U	0.67	U	1.2	U	1.7	U	--		--		0.68	U	0.91	U	1.1	U
	7/12/2017	5	U	5	U	5	U	5	U	5	U	--		--		5	U	5	U	10	U
	5/12/2015	4.9	U	4.9	U	4.9	U	4.9	U	4.9	U	--		--		4.9	U	4.9	U	9.7	U
	3/14/2012	**1.1**	**J**	**0.7**	**J**	4.7	U	4.7	U	4.7	U	--		--		4.7	U	**1**	**J**	9.4	U
MW-20D	10/15/2025	0.29	UJ	0.48	UJ	0.29	UJ	**0.062**	**UJ**	4.8	UJ	2.9	UJ	4.8	UJ	4.8	UJ	0.48	UJ	4.8	UJ
	10/11/2023	0.29	U	0.49	U	0.29	U	4.9	U	4.9	U	2.9	U	**2.0**	**J**	4.9	U	0.49	U	4.9	U
	10/1/2021	0.30	U	0.50	U	0.30	U	5	U	5	U	**0.18**	**JB**	5	U*-	5	U	0.50	U	5	U
	9/12/2019	1.1	U	1.4	U	0.67	U	1.2	U	1.7	U	--		--		0.68	U	0.91	U	1.1	U
	7/12/2017	5	U	5	U	5	U	5	U	5	U	--		--		5	U	5	U	10	U
	5/21/2015	5.4	U	5.4	U	5.4	U	5.4	U	5.4	U	--		--		5.4	U	5.4	U	11	U
	3/13/2012	5	U	5	U	5	U	5	U	5	U	--		--		5	U	5	U	9.9	U
MW-34D	3/15/2012	6	U	6	U	6	U	6	U	**3.8**	**J**	--		--		6	U	6	U	12	U
MW-36I	10/15/2025	0.29	U	0.48	U	0.29	U	4.8	U	4.8	U	2.9	U	4.8	UJ	4.8	UJ	0.48	U	4.8	U

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MECHANICVILLE, NEW YORK

Sample ID	Sample Date	SVOCs (ug/L)																	
		Benzo(b)fluoranthene		Benzo(g,h,i)perylene		Benzo(k)fluoranthene		Biphenyl (Diphenyl)		Bis(2-Ethylhexyl) Phthalate		Butylbenzylphthalate		Caprolactam		Carbazole		Chrysene		Dibenzofuran	
AWQS/GV		0.002		NS		0.002		5		5		50		NS		NS		0.002		NS	
MW-36I	10/11/2023	0.29	U	0.48	U	0.29	U	4.8	U	4.8	U	2.9	U	4.8	U	4.8	U	0.48	U	4.8	U
	9/28/2021	1.5	U	2.5	U	1.5	U	25	U	25	U	15	U	25	U*-	25	U	2.5	U	25	U
	9/11/2019	1.1	U	1.4	U	0.67	U	1.2	U	1.7	U	--		--		0.68	U	0.91	U	1.1	U
	7/13/2017	5	U	5	U	5	U	5	U	5	U	--		--		5	U	5	U	10	U
	5/22/2015	4.8	UT	4.8	U	4.8	U	4.8	U	4.8	U	--		--		4.8	U	4.8	UT	9.6	U
	3/14/2012	5.1	U	5.1	U	5.1	U	5.1	U	5.1	U	--		--		5.1	U	5.1	U	10	U
MW-36D	10/15/2025	0.29 [0.29]	U	0.48 [0.48]	U	0.29 [0.29]	U	4.8 [4.8]	U	4.8 [4.8]	U	2.9 [2.9]	U	**0.31 [0.26]**	**J**	4.8 [4.8]	UJ	0.48 [0.48]	U	4.8 [4.8]	U
	10/15/2025 DUP	0.29	U	0.48	U	0.29	U	4.8	U	4.8	U	2.9	U	**0.26**	**J*-**	4.8	U	0.48	U	4.8	U
	10/11/2023	0.31	U	0.52	U	0.31	U	5.2	U	5.2	U	3.1	U	**1.3**	**J**	5.2	U	0.52	U	5.2	U
	9/28/2021	0.30	U	0.50	U	0.30	U	5	U	5	U	3	U	**0.23**	**J*-**	5	U	0.50	U	5	U
	9/11/2019	1.1	U	1.4	U	0.67	U	1.2	U	1.7	U	--		--		0.68	U	0.91	U	1.1	U
	7/13/2017	5	U	5	U	5	U	5	U	5	U	--		--		5	U	5	U	10	U
	5/22/2015	4.9	U	4.9	U	4.9	U	4.9	U	4.9	U	--		--		4.9	U	4.9	U	9.8	U
	3/14/2012	4.8	U	4.8	U	4.8	U	4.8	U	4.8	U	--		--		4.8	U	4.8	U	9.6	U
MW-38I	10/14/2025	2.9	U	4.8	U	2.9	U	48	U	48	U	29	U	48	UJ	48	UJ	4.8	U	48	U
	10/10/2023	3.0	U	5.1	U	3.0	U	51	U	51	U	30	U	51	U	51	U	5.1	U	51	U
	2021 SIM	0.050	U	0.050	U	0.050	U	NA		NA		NA		NA		NA		0.050	U	NA	
	9/29/2021	1.5	U	2.5	U	1.5	U	25	U	25	U	15	U	25	U*-	25	U	2.5	U	25	U
	9/11/2019	**1.2**	**J**	1.4	U	0.67	U	1.2	U	1.7	U	--		--		0.68	U	**1.1**	**J**	1.1	U
	7/11/2017	5	U	5	U	5	U	**1.1**	**J**	5	U	--		--		5	U	5	U	10	U
	5/21/2015	25	U	25	U	25	U	25	U	25	U	--		--		25	U	25	U	51	U
	3/13/2012	**0.97**	**J**	**0.84**	**J**	4.7	U	4.7	U	4.7	U	--		--		4.7	U	**1.1**	**J**	9.4	U
MW-38D	10/14/2025	1.4	U	2.4	U	1.4	U	24	U	24	U	14	U	24	UJ	24	UJ	2.4	U	24	U
	10/10/2023	1.4	U	2.4	U	1.4	U	24	U	24	U	14	U	24	U	24	U	2.4	U	24	U
	2021 SIM	0.050	U	0.050	U	0.050	U	NA		NA		NA		NA		NA		0.050	U	NA	
	9/29/2021	1.5	U	2.5	U	1.5	U	25	U	25	U	15	U	25	U*-	25	U	2.5	U	25	U
	9/11/2019	1.1	U	1.4	U	0.67	U	1.2	U	1.7	U	--		--		0.68	U	0.91	U	1.1	U
	7/13/2017	5	U	5	U	5	U	5	U	5	U	--		--		5	U	5	U	10	U
	5/12/2015	4.9	U	4.9	U	4.9	U	4.9	U	4.9	U	--		--		4.9	U	4.9	U	9.9	U
	3/13/2012	5.2	U	5.2	U	5.2	U	5.2	U	5.2	U	--		--		5.2	U	5.2	U	10	U
MW-39D	10/14/2025	1.40	U	2.4	U	1.4	U	24	U	24	U	14	U	**1.3**	**J**	24	U	2.4	U	24	U
	10/10/2023	**0.30**	**J**	2.4	U	1.4	U	24	U	24	U	14	U	24	U	24	U	2.4	U	24	U
	2021 SIM	0.050	U	0.050	U	0.050	U	NA		NA		NA		NA		NA		0.050	U	NA	
	9/29/2021	1.5	U	2.5	U	1.5	U	25	U	25	U	15	U	25	U*-	25	U	2.5	U	25	U
	9/12/2019	1.1	U	1.4	U	0.67	U	1.2	U	1.7	U	--		--		0.68	U	0.91	U	1.1	U
	7/11/2017	5	U	5	U	5	U	5	U	5	U	--		--		5	U	5	U	10	U
	6/19/2015	5	U	5	U	5	U	5	U	5	U	--		--		5	U	5	U	9.9	U
	3/13/2012	**1**	**J**	**0.57**	**J**	4.9	U	4.9	U	4.9	U	--		--		4.9	U	**1.1**	**J**	9.8	U
MW-40	10/11/2023	2.9	U	4.8	U	2.9	U	48	U	48	U	29	U	2.7	J	48	U	4.8	U	48	U
	9/11/2019	1.1	U	1.4	U	0.67	U	1.2	U	1.7	U	--		--		0.68	U	0.91	U	1.1	U
	7/13/2017	5	U	5	U	5	U	5	U	5	U	--		--		5	U	5	U	10	U
	5/22/2015	24	U	24	U	24	U	24	U	24	U	--		--		24	U	24	U	49	U
	3/15/2012	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	--		--		5.6	U	5.6	U	11	U
MW-46I	10/14/2025	0.29	U	0.48	U	0.29	U	**0.31**	**J**	4.8	U	2.9	U	5	UJ	**0.097**	**J**	0.48	U	**0.24**	**J**
	9/11/2019	1.1	U	1.4	U	0.67	U	**2.3**	**J**	1.7	U	--		--		0.68	U	0.91	U	**1.1**	**J**
	5/21/2015	5	U	5	U	5	U	5	U	5	U	--		--		5	U	5	U	9.9	U
	3/15/2012	4.9	U	4.9	U	4.9	U	4.9	U	4.9	U	--		--		4.9	U	4.9	U	9.8	U
EQP Blank	10/14/2025	0.36	U	0.60	U	0.36	U	6.0	U	6.0	U	3.6	U	6.0	UJ	6.0	U	0.60	U	6.0	U
	10/15/2025	0.29	U	0.48	U	0.29	U	4.8	U	4.8	U	2.9	U	4.8	UJ	4.8	U	0.48	U	4.8	U
	9/28/2021	0.30	U	0.50	U	0.30	U	5	U	5	U	3	U	**0.24**	**J *-**	5	U	0.50	U	5	U
Trip Blank	9/28/2021	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
	9/29/2021	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	

TABLE 4
SEMI-VOLATILE ORGANIC COMPOUNDS AND CYANIDE RESULTS IN GROUNDWATER SAMPLES
ANNUAL MONITORING REPORT 2025 MECHANICVILLE CENTRAL AVENUE FORMER MGP SITE
MECHANICVILLE, NEW YORK

Sample ID	Sample Date	SVOCs (ug/L)																		Cyanide (mg/L)	
		Diethyl Phthalate		Di-n-Butyl Phthalate		Fluoranthene		Fluorene		Indeno(1,2,3- c,d)Pyrene		Naphthalene		Phenanthrene		Phenol		Pyrene		Cyanide, Total	
AWQS/GV		50		50		50		50		0.002		10		50		1		50		0.200	
MW-2	10/14/2025	2.4	U	9.6	U	**1.20**	**J**	2.4	U	2.4	U	0.31	J	0.96	U	4.8	UJ	**0.72**	**J**	0.010	U
	10/10/2023	2.4	U	9.5	U	**0.63**	**J**	2.4	U	2.4	U	4.8	U	0.95	U	4.8	U	**0.42**	**J**	0.010	U
	9/28/2021	2.5	U	10	U	**0.64**	**J**	2.5	U	2.5	U	5	U	1	U	5	U	2.5	U	0.010	U
	9/11/2019	0.98	U	0.84	U	0.84	U	0.91	U	1.3	U	1.1	U	0.58	U	0.29	U	1.6	U	4	U
	7/11/2017	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	**8.9**	**J**
	5/22/2015	4.9	U	**0.37**	**J**	4.9	U	4.9	U	4.9	U	4.9	U	4.9	U	4.9	U	4.9	U	10	U
	3/14/2012	4.7	U	4.7	U	4.7	U	4.7	U	4.7	U	4.7	U	4.7	U	4.7	U	4.7	U	10	U
TW-2S	10/14/2025	4.8	UJ	19.0	UJ	**5.3**	J	**51**	**J**	4.8	UJ	**950**	**DJ**	**64**	J	**4.8**	**J**	**5.6**	J	**0.008**	**J**
	10/10/2023	4.8	U	19.0	U	**2.1**	**J**	4.8	U	**1.3**	**J**	9.5	U	1.9	U	9.5	U	**1.4**	**J**	0.010	U
	9/28/2021	2.5	U	10	U	**1.5**	**J**	**9.5**		2.5	U	**210**	**D**	**6.9**	**B**	**1.3**	**J**	**1.0**	**J**	0.010	U
	9/11/2019	0.98	U	0.84	U	0.84	U	**2.5**	**J**	1.3	U	1.1		0.58	U	**1.2**	**J**	1.6	U	4	U
	6/19/2015	4.8	U	4.8	U	**9.4**		**61**	**JD**	4.8	U	**1300**	**D**	**74**	**JD**	**8.2**		**15**		10	U
	3/15/2012	4.8	U	4.8	U	**12**		**49**		4.8	U	**900**	**D**	**63**		4.8	U	**19**		10	U
MW-2I	10/14/2025	2.4	U	9.6	U	**0.42**	**J**	2.4	U	2.4	U	4.8	U	0.96	U	4.8	UJ	2.4	U	0.010	U
	10/10/2023	2.4	U	9.6	U	**1.6**	**J**	2.4	U	2.4	U	4.8	U	**0.61**	**J**	4.8	U	**0.97**	**J**	0.010	U
	9/28/2021	0.50	U	2	U F2	**0.10**	**J**	0.50	U	0.50	U	1	U	0.20	U	1	U	0.50	U	0.010	U F1
	9/11/2019	0.98	U	0.84	U	0.84	U	0.91	U	1.3	U	1.1	U	0.58	U	0.29	U	1.6	U	4	U
	7/11/2017	5	U	5	U	5	U	5	U	5	U	5	U	5	U	**5.3**		5	U	10	U
	5/12/2015	4.9	U	4.9	U	4.9	U	4.9	U	4.9	U	4.9	U	4.9	U	4.9	U	4.9	U	10	U
	3/14/2012	4.7	U	4.7	U	4.7	U	4.7	U	4.7	U	4.7	U	4.7	U	4.7	U	4.7	U	10	U
MW-17	10/14/2025	4.8	U	19	U	4.8	U	4.8	U	4.8	U	9.5	U	1.9	U	9.5	UJ	4.8	U	**0.016**	
	10/11/2023	4.8	U	19	U	4.8	U	4.8	U	4.8	U	9.5	U	1.9	U	9.5	U	4.8	U	**0.037**	
	9/28/2021	10	U	40	U	10	U	10	U	10	U	20	U	4	U	20	U	10	U	**0.058**	
	9/11/2019	0.98	U	0.84	U	0.84	U	0.91	U	1.3	U	1.1	U	0.58	U	0.29	U	1.6	U	**120**	**J+**
	7/12/2017	5	U	**0.59**	**J**	5	U	5	U	**0.50**	**J**	5	U	5	U	5	U	**0.48**	**J**	**92**	
	5/21/2015	26	U	26	U	26	U	26	U	26	U	26	U	26	U	26	U	26	U	**19**	
	3/13/2012	5.2	U	5.2	U	**2**	**J**	5.2	U	**0.98**	**J**	5.2	U	**0.56**	**J**	5.2	U	**1.6**	**J**	10	U
MW-17I	10/14/2025	**0.09**	**J**	2	U	4.9	U	0.49	U	0.49	U	**0.21**	**J**	0.20	U	0.98	UJ	0.49	U	0.010	U
	2021 DUP	**0.17**	**J**	2	U	0.50	U	0.50	U	0.50	U	1	U	**0.14**	**JB**	1	U	0.50	U	0.010	U
	9/28/2021	**0.18**	**J**	2	U	0.50	U	0.50	U	0.50	U	1	U	**0.13**	**JB**	1	U	0.50	U	0.010	U
	9/10/2019	0.98	U	0.84	U	0.84	U	0.91	U	1.3	U	1.1	U	0.58	U	0.29	U	1.6	U	4	U
	7/12/2017	5	U	**0.67**	**J**	5	U	5	U	5	U	5	U	5	U	5	U	5	U	10	U
	6/19/2015	4.7	U	4.7	U	4.7	U	4.7	U	4.7	U	4.7	U	4.7	U	**0.82**	**J**	4.7	U	10	UT
	3/14/2012	5.2	U	5.2	U	5.2	U	5.2	U	5.2	U	5.2	U	5.2	U	5.2	U	5.2	U	10	U
MW-17D	10/15/2025	**0.98**	**J**	9.6	U	2.4	U	2.4	U	2.4	U	4.8	U	0.95	U	4.8	UJ	2.4	U	0.010	U
	10/10/2023	**0.54**	**J**	9.5	U	2.4	U	2.4	U	2.4	U	4.8	U	0.95	U	4.8	U	2.4	U	0.010	U
	2021 SIM	NA		NA		0.050	U	0.050	U	0.050	U	0.20	U	0.050	U	NA		0.050	U	NA	
	9/29/2021	2.5	U	10	U	2.5	U	2.5	U	2.5	U	5.0	U	1.0	U	5.0	U	2.5	U	0.010	U
	9/11/2019	0.98	U	0.84	U	0.84	U	0.91	U	1.3	U	1.1	U	0.58	U	0.29	U	1.6	U	4	U
	7/12/2017	**3.2**	**JD**	**0.40**	**J**	5	U	5	U	5	U	5	U	5	U	**17**		5	U	10	U
	5/12/2015	**4**	**JD**	4.9	U	4.9	U	4.9	U	4.9	U	4.9	U	4.9	U	**63**	**E**	4.9	U	10	U
	3/14/2012	4.7	U	4.7	U	**1.7**	**J**	4.7	U	**0.62**	**J**	4.7	U	**0.49**	**J**	4.7	U	**1.5**	**J**	10	U
MW-20D	10/15/2025	**0.10**	**J**	1.9	UJ	0.48	UJ	0.48	UJ	0.48	UJ	**0.084**	J	0.19	UJ	0.96	UJ	0.48	UJ	0.010	U
	10/11/2023	0.49	U	2.0	U	0.49	U	**0.16**	**J**	0.49	U	**0.99**		**0.27**		**0.48**	**J**	**0.093**	**J**	0.010	U
	10/1/2021	0.50	U	2	U	0.50	U	0.50	U	0.50	U	1	U	0.20	U	1	U	0.50	U	0.010	U
	9/12/2019	0.98	U	0.84	U	0.84	U	0.91	U	1.3	U	1.1	U	0.58	U	0.29	U	1.6	U	4	U
	7/12/2017	5	U	**0.49**	**J**	5	U	5	U	5	U	5	U	5	U	5	U	5	U	10	U
	5/21/2015	5.4	U	5.4	U	5.4	U	5.4	U	5.4	U	5.4	U	5.4	U	**0.68**	**J**	5.4	U	10	U
	3/13/2012	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	10	U
MW-34D	3/15/2012	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	10	U
MW-36I	10/15/2025	0.48	U	1.9	U	**0.14**	**J**	0.48	U	0.48	U	0.95	U	**0.10**	**J**	0.95	UJ	**0.20**	**J**	**0.0057**	**J**

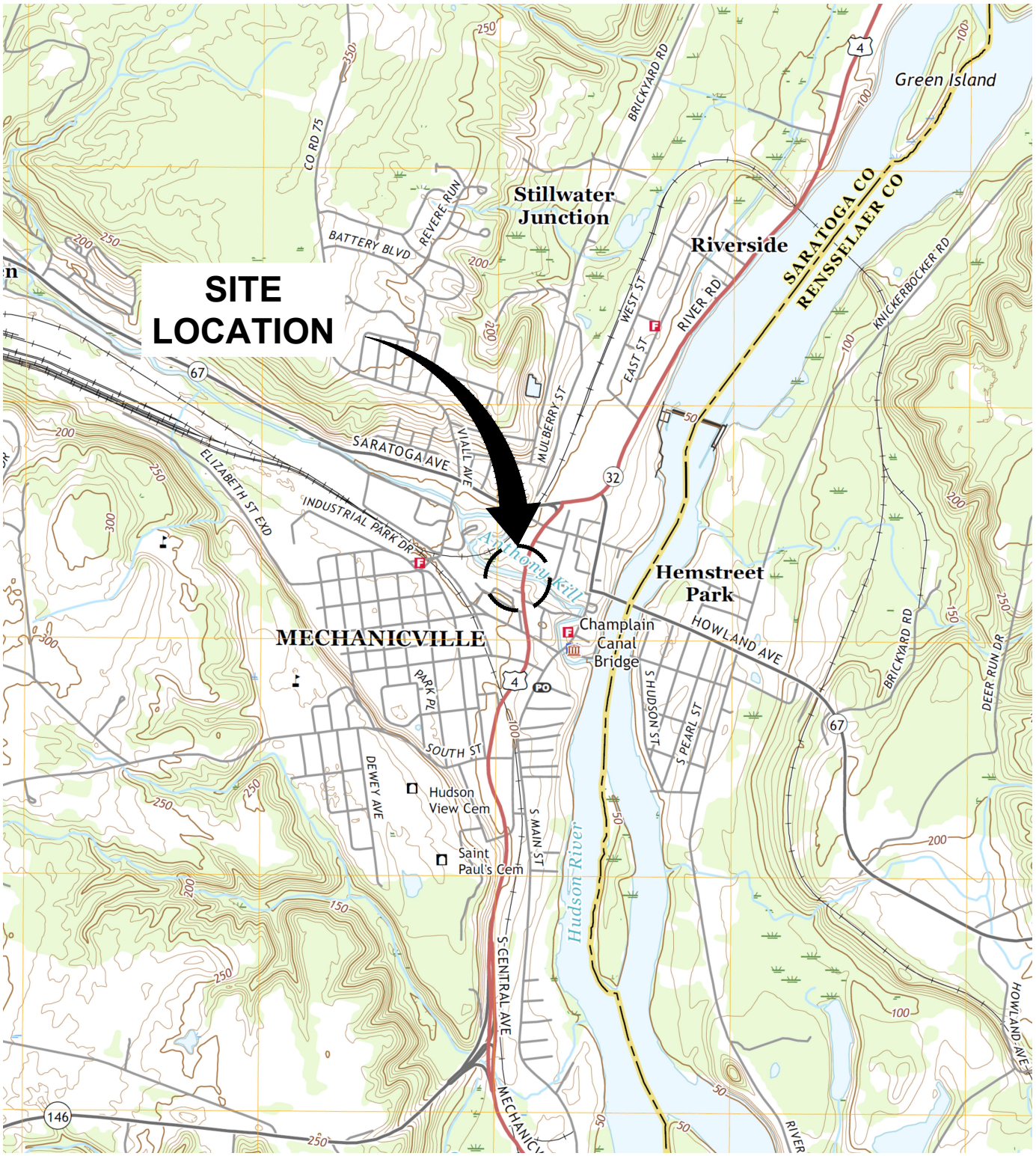
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MECHANICVILLE, NEW YORK

Sample ID	Sample Date	SVOCs (ug/L)																		Cyanide (mg/L)	
		Diethyl Phthalate		Di-n-Butyl Phthalate		Fluoranthene		Fluorene		Indeno(1,2,3- c,d)Pyrene		Naphthalene		Phenanthrene		Phenol		Pyrene		Cyanide, Total	
	AWQS/GV	50		50		50		50		0.002		10		50		1		50		0.200	
MW-36I	10/11/2023	0.48	U	1.9	U	0.48	U	0.48	U	0.48	U	0.95	U	0.19	U	0.95	U	0.48	U	0.010	U
	9/28/2021	2.5	U	10	U	2.5	U	2.5	U	2.5	U	5	U	1	U	5	U	2.5	U	0.010	U
	9/11/2019	0.98	U	0.84	U	0.84	U	0.91	U	1.3	U	1.1	U	0.58	U	0.29	U	1.6	U	4	U
	7/13/2017	5	U	**0.44**	**J**	5	U	5	U	5	U	5	U	5	U	**0.76**	**J**	5	U	10	U
	5/22/2015	4.8	U	4.8	U	4.8	UT	4.8	U	4.8	U	4.8	U	4.8	U	4.8	U	4.8	UT	10	U
	3/14/2012	5.1	U	5.1	U	5.1	U	5.1	U	5.1	U	5.1	U	5.1	U	5.1	U	5.1	U	10	U
MW-36D	10/15/2025	0.48 [0.48]	U	1.9 [1.9]	U	0.48 [0.48]	U	0.48 [0.48]	U	0.48 [0.48]	U	0.95 [0.95]	U	0.19 [0.19]	U	0.95 [0.95]	UJ	0.48 [0.48]	U	0.01 [0.0045]	U [J]
	10/15/2025 DUP	**0.076**	**J**	1.9	U	0.48	U	0.48	U	0.48	U	0.95	U	0.19	U	0.95	U	0.48	U	**0.0045**	**J**
	10/11/2023	0.52	U	2.1	U	0.52	U	0.52	U	0.52	U	1.0	U	0.21	U	1.0	U	0.52	U	0.010	U
	9/28/2021	0.50	U	2	U	0.50	U	**0.061**	**J**	0.50	U	**0.13**	**J**	**0.24**	**B**	1	U	**0.099**	**J**	0.010	U
	9/11/2019	0.98	U	0.84	U	0.84	U	0.91	U	1.3	U	1.1	U	0.58	U	0.29	U	1.6	U	4	U
	7/13/2017	5	U	**0.59**	**J**	5	U	5	U	5	U	5	U	5	U	5	U	5	U	**6.8**	**J**
	5/22/2015	4.9	U	4.9	U	4.9	U	4.9	U	4.9	U	4.9	U	4.9	U	4.9	U	4.9	U	10	U
	3/14/2012	**0.86**	**J**	4.8	U	4.8	U	4.8	U	4.8	U	4.8	U	4.8	U	4.8	U	4.8	U	10	U
MW-38I	10/14/2025	4.8	U	19	U	4.8	U	4.8	U	4.8	U	9.6	U	1.9	U	9.6	UJ	4.8	U	**0.0049**	**J**
	10/10/2023	5.1	U	20	U	5.1	U	5.1	U	5.1	U	10	U	2.0	U	10	U	5.1	U	0.010	U
	2021 SIM	NA		NA		0.050	U	0.050	U	0.050	U	0.20	U	0.050	U	NA		0.050	U	NA	
	9/29/2021	2.5	U	10	U	2.5	U	2.5	U	2.5	U	5	U	1	U	5	U	2.5	U	0.010	U
	9/11/2019	0.98	U	0.84	U	**0.88**	**J**	0.91	U	1.3	U	1.1	U	0.58	U	0.29	U	1.6	U	4	U
	7/11/2017	5	U	5	U	**1.7**	**J**	**2.9**	**J**	5	U	**14**		**6.4**		5	U	**2.5**	**J**	10	U
	5/21/2015	25	U	25	U	25	U	25	U	25	U	**5.2**	**J**	**3.4**	**J**	25	U	25	U	**6**	**J**
	3/13/2012	4.7	U	4.7	U	**1.4**	**J**	4.7	U	**0.70**	**J**	4.7	U	4.7	U	4.7	U	**1.7**	**J**	**9**	**J**
MW-38D	10/14/2025	2.4	U	9.5	U	2.4	U	2.4	U	2.4	U	4.8	U	0.95	U	4.8	UJ	2.4	U	**0.0071**	**J**
	10/10/2023	2.4	U	9.5	U	2.4	U	2.4	U	2.4	U	4.8	U	0.95	U	4.8	U	2.4	U	0.010	U
	2021 SIM	NA		NA		0.050	U	0.050	U	0.050	U	0.20	U	0.050	U	NA		0.050	U	NA	
	9/29/2021	2.5	U	10	U	2.5	U	2.5	U	2.5	U	5.0	U	1.0	U	5.0	U	2.5	U	0.010	U
	9/11/2019	0.98	U	0.84	U	0.84	U	0.91	U	1.3	U	1.1	U	0.58	U	0.29	U	1.6	U	4	U
	7/13/2017	5	U	**0.66**	**J**	5	U	5	U	5	U	5	U	5	U	**1.2**	**J**	5	U	**12**	
	5/12/2015	4.9	U	4.9	U	4.9	U	4.9	U	4.9	U	4.9	U	4.9	U	4.9	U	4.9	U	10	UT
	3/13/2012	5.2	U	5.2	U	5.2	U	5.2	U	5.2	U	5.2	U	5.2	U	5.2	U	5.2	U	10	U
MW-39D	10/14/2025	2.4	U	9.5	U	2.4	U	2.4	U	2.4	U	4.8	U	0.95	U	4.8	U	2.4	U	0.010	U
	10/10/2023	2.4	U	9.5	U	2.4	U	2.4	U	2.4	U	4.8	U	0.95	U	4.8	U	2.4	U	0.010	U
	2021 SIM	NA		NA		0.050	U	0.050	U	0.050	U	0.20	U	0.050	U	NA		0.050	U	NA	
	9/29/2021	2.5	U	10	U	2.5	U	2.5	U	2.5	U	5	U	1	U	5	U	2.5	U	0.010	U
	9/12/2019	0.98	U	0.84	U	0.84	U	0.91	U	1.3	U	1.1	U	0.58	U	0.29	U	1.6	U	10	U
	7/11/2017	5	U	**0.74**	**J**	5	U	5	U	5	U	5	U	5	U	**0.74**	**J**	5	U	**8.3**	**J**
	6/19/2015	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	10	U
	3/13/2012	4.9	U	4.9	U	**1.5**	**J**	4.9	U	**0.51**	**J**	4.9	U	**0.51**	**J**	4.9	U	**1.2**	**J**	10	U
MW-40	10/11/2023	4.8	U	19	U	4.8	U	**0.62**	**J**	4.8	U	4.9	J	**1.30**	**J**	9.5	U	4.8	U	0.010	U
	9/11/2019	0.98	U	0.84	U	0.84	U	0.91	U	1.3	U	1.1	U	0.58	U	0.29	U	1.6	U	**12**	**J+**
	7/13/2017	5	U	**0.48**	**J**	5	U	5	U	5	U	5	U	5	U	5	U	5	U	10	U
	5/22/2015	24	U	24	U	24	U	24	U	24	U	24	U	24	U	24	U	24	U	10	U
	3/15/2012	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U	10	U
MW-46I	10/14/2025	**0.10**	**J**	1.9	U	**0.11**	**J**	**2.00**		0.48	U	**1.8**		**1.9**		**0.36**	**J**	**0.16**	**J**	**0.0043**	**J**
	9/11/2019	0.98	U	0.84	U	0.84	U	**4**	**J**	1.3	U	1.1	U	**2**	**J**	0.29	U	1.6	U	4	U
	5/21/2015	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	10	U
	3/15/2012	4.9	U	4.9	U	4.9	U	4.9	U	4.9	U	4.9	U	4.9	U	4.9	U	4.9	U	10	U
EQP Blank	10/14/2025	0.60	U	2.4	U	0.60	U	0.60	U	0.60	U	1.2	U	0.24	U	1.2	U	0.60	U	0.010	U
	10/15/2025	0.48	U	1.9	U	0.48	U	0.48	U	0.48	U	0.95	U	0.19	U	0.95	U	0.48	U	0.010	UJ
	9/28/2021	0.50	U	2	U F2	0.50	U	0.50	U	0.50	U	1	U	0.20	U	1	U	0.50	U	0.010	U
Trip Blank	9/28/2021	NA		NA		NA		NA		NA		NA		NA		NA		NA	U	NA	
	9/29/2021	NA		NA		NA		NA		NA		NA		NA		NA		NA	U	NA	

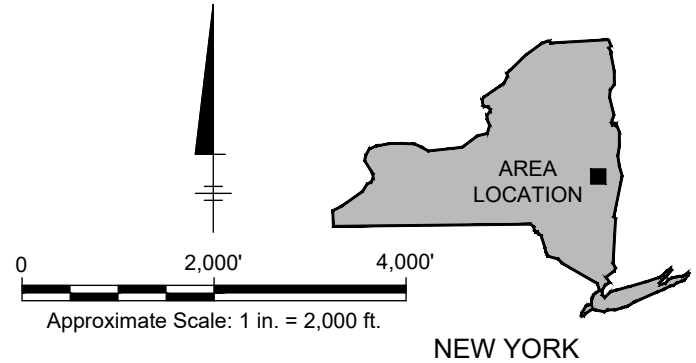
TABLE 4
SEMIVOLATILE ORGANIC COMPOUNDS RESULTS IN GROUNDWATER SAMPLES
ANNUAL MONITORING REPORT 2025 MECHANICVILLE CENTRAL AVENUE FORMER MGP SITE
MECHANICVILLE, NEW YORK

Notes:
All data prior to 2023 collected and reported by previous consultants.
All samples analyzed by Eurofins Environment Testing in Buffalo, New York.
Cyanide samples were analyzed by EPA Method SW846 9012B.
Data presented are detected constituents.
Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values (AWQS/GV) for water class GA.
SIM analysis was not performed for all samples due to a laboratory error. Samples that received SIM analysis are denoted in date column as 2021 SIM.
SVOC samples analyed by EPA Method 8270D.
Bold - Analyte was detected in laboratory analysis
Shaded cell - Analyte was detected above the AWQS/GV
SIM - Selected ion monitoring
µg/L - micrograms per liter
B - Compound was found in the blank and sample
D - Dilution required due to concentrations exceeding the instrument calibration
F1 - MS and/or MSD recovery exceeds control limits
F2 - MS/MSD RPD exceeds control limits
E - Result exceeded calibration range
ES - The analyte response has saturated the instrument detector. The reported concentration is likely to have a low bias and should be considered a minimum possible concentration
J - Result is estimated, detection was below the reporting limit but above the method detection limit
J + - Result estimated and biased high
mg/L - miligrams per liter
NA - Not analyzed
NS - No Standard
U - Not detected above laboratory reporting limit
UJ - The analyte was analyzed for, but was not detected. The reported quantitation limit is approximated
*- - LCS and/or LCSD is outside acceptance limits, low-biased
*+ - LCS and/or LCSD s outside acceptance limits, high biased

Figures



REFERENCE: BASE MAP USGS 7.5. MIN. TOPO. QUAD., MECHANICVILLE, NISKAYUNA, ROUND LAKE, TROY NORTH, NEW YORK, 2019.



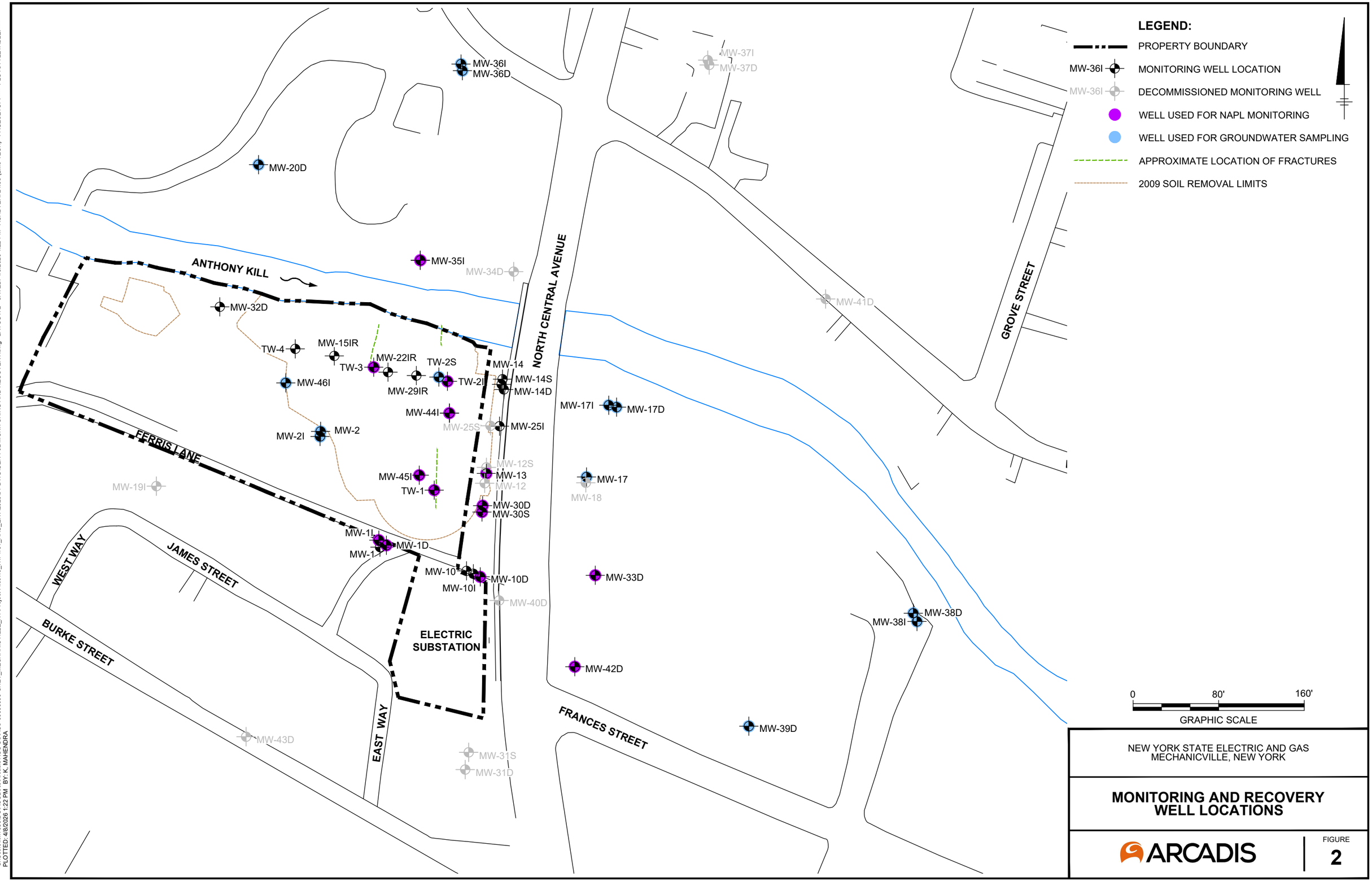
NEW YORK STATE ELECTRIC AND GAS
MECHANICVILLE, NEW YORK

SITE LOCATION MAP

ARCADIS

FIGURE
1

CITY:(Reqd) DIV/GROUP:(Reqd) DB:(Reqd) LD:(Opt) PIC:(Opt) PM:(Reqd) TM:(Opt) LYR:(Opt)ON=*;OFF=*REF*
C:\Users\sheta5114\DCACCDocs\Arcadis ACC US\AUS-99999999-CHEV_MECHANICVILLE_NY\Project Files\10_WIP\10T_ARC_ENV\2025\01-DWG\GEN-F01-SITE LOCATION MAP.dwg LAYOUT: 1 SAVED: 2/7/2025 1:54 PM ACADVER: 24.2S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE:
PLTFULL.CTB PLOTTED: 2/7/2025 3:21 PM BY: MANJUNATH SHET, ABHISHEK



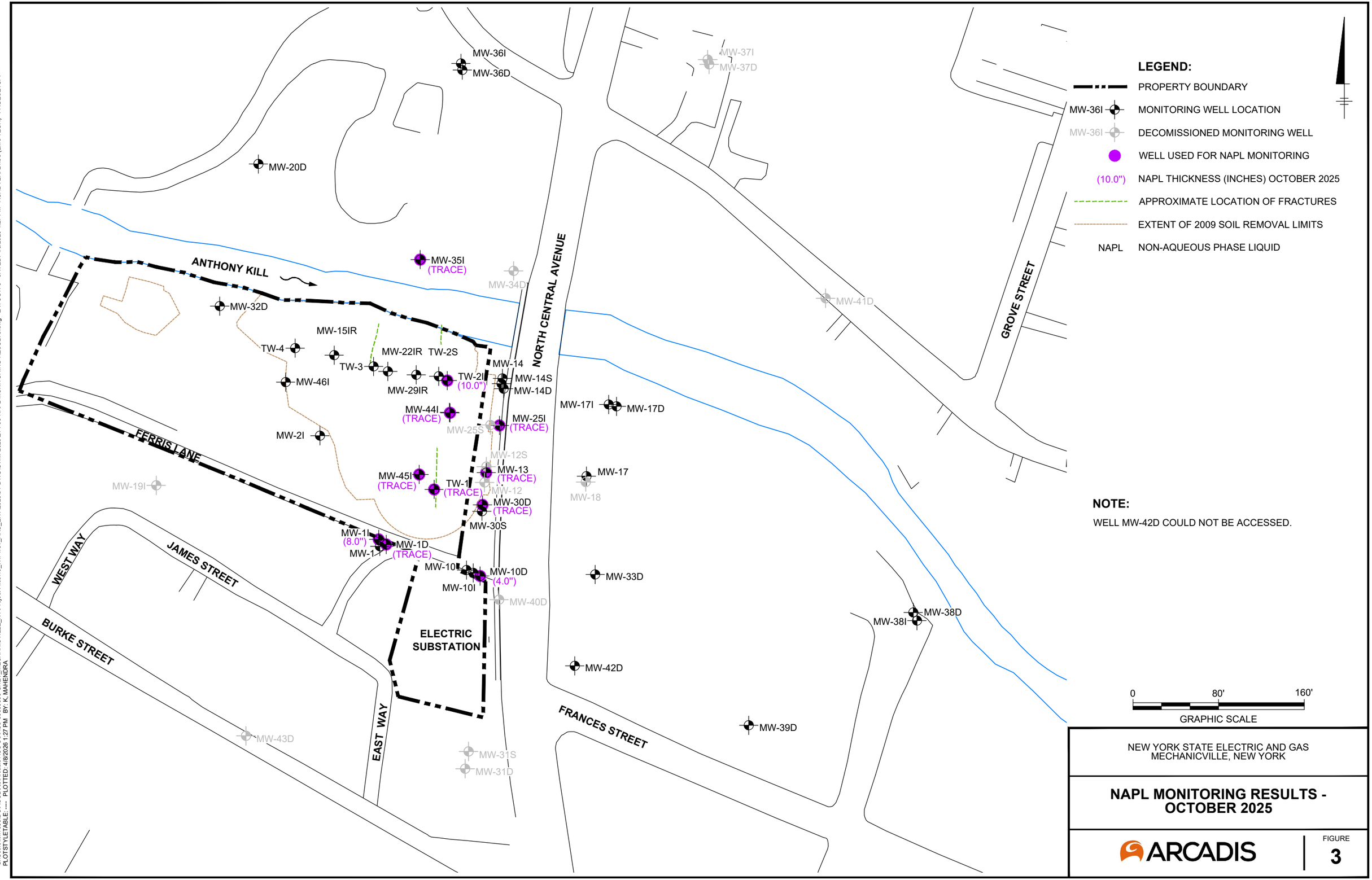
NEW YORK STATE ELECTRIC AND GAS
MECHANICVILLE, NEW YORK

MONITORING AND RECOVERY WELL LOCATIONS

ARCADIS

FIGURE
2

C:\Users\km7885\DOCS\DocsArcadis ACC US\AUS-99999999-CHEV_MECHANICVILLE_NYProject Files10_WIP\10T_ARC_ENV\2026\01-DWG\GEN-F02-MONITORING AND RECOVERY.dwg LAYOUT: 2 SAVED: 4/8/2026 1:22 PM ACADVER: 24.3S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: ----
PLOTTED: 4/8/2026 1:22 PM BY: K. MAHENDRA



LEGEND:

- PROPERTY BOUNDARY
- MW-36I — MONITORING WELL LOCATION
- MW-36I — DECOMISSIONED MONITORING WELL
- WELL USED FOR NAPL MONITORING
- (10.0") — NAPL THICKNESS (INCHES) OCTOBER 2025
- APPROXIMATE LOCATION OF FRACTURES
- EXTENT OF 2009 SOIL REMOVAL LIMITS
- NAPL — NON-AQUEOUS PHASE LIQUID

NOTE:

WELL MW-42D COULD NOT BE ACCESSED.

0 80' 160'

GRAPHIC SCALE

NEW YORK STATE ELECTRIC AND GAS
MECHANICVILLE, NEW YORK

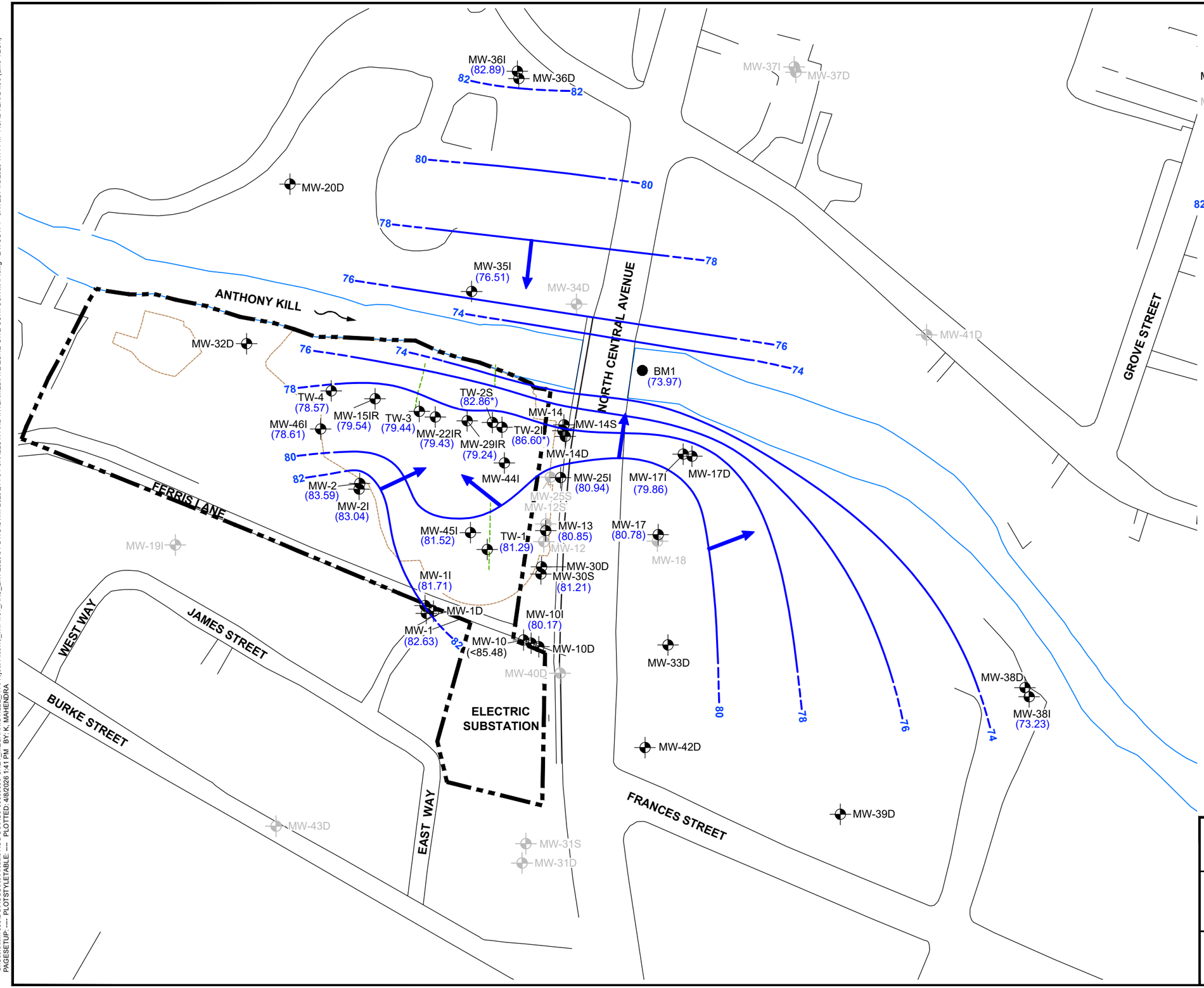
NAPL MONITORING RESULTS - OCTOBER 2025

ARCADIS

FIGURE 3

C:\Users\km7685\DC\ACCDocs\Arcadis ACC US\AUS-99999999-CHEV_MECHANICVILLE_NY\Project Files\10_WIP\10T_ARC_ENV\2026\01-DWG\GWM-2025Q4-F03-NAPL MONITORING RESULTS.dwg LAYOUT: 3 SAVED: 4/8/2026 1:27 PM ACADVER: 24.3S (LMS TECH) PAGESETUP: ----
PLOTSTYLETABLE: ---- PLOTTED: 4/8/2026 1:27 PM BY: K. MAHENDRA

C:\Users\km7685\DCACCDocs\Arcadis ACC US\AUS-99999999-CHEV_MECHANICVILLE_NY\Project Files\10_WIP\10T_ARC_ENV\2026\01-DWG\GWM-2025Q4-F04-SHALLOW AND INTERMEDIATE ZONE GWE CONTOUR MAP.dwg LAYOUT: 4 SAVED: 4/8/2026 1:41 PM ACADVER: 24.3S (LMS TECH)
PAGESETUP: ---- PLOTSTYLETABLE: ---- PLOTTED: 4/8/2026 1:41 PM BY: K. MAHENDRA



LEGEND:

- PROPERTY BOUNDARY
- MW-36I — MONITORING WELL LOCATION
- MW-36I — DECOMMISSIONED MONITORING WELL
- APPROXIMATE LOCATION OF FRACTURES
- 2009 SOIL REMOVAL LIMITS
- (82.84) GROUNDWATER ELEVATION
- 82 — GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION
- (<85.48) WELL WAS DRY; ELEVATION REPRESENTS THE ELEVATION OF THE MEASURED WELL DEPTH

NOTES:

1. CONTOUR INTERVAL = TWO FEET.
2. ALL ELEVATIONS REFERENCED TO THE NATIONAL GEODETIC VERTICAL DATUM OF 1929.
3. * = VALUE JUDGED TO BE ANOMALOUSLY HIGH; THEREFORE, VALUE NOT USED IN CONTOURING.

0 80' 160'

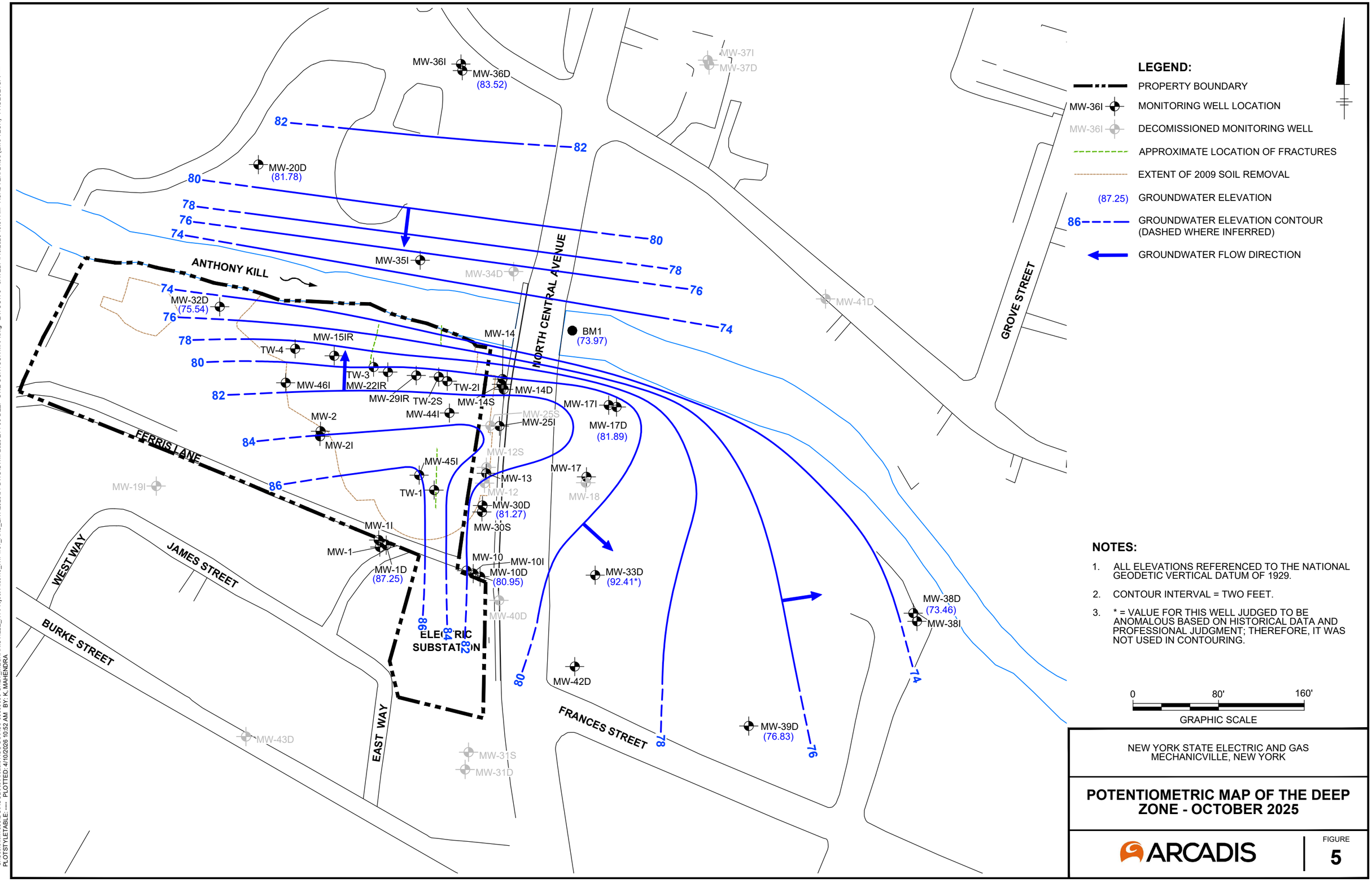
GRAPHIC SCALE

NEW YORK STATE ELECTRIC AND GAS
MECHANICVILLE, NEW YORK

POTENTIOMETRIC MAP OF THE SHALLOW AND INTERMEDIATE ZONES - OCTOBER 2025

ARCADIS

FIGURE 4



LEGEND:

- PROPERTY BOUNDARY
- MW-36I — MONITORING WELL LOCATION
- MW-36I — DECOMISSIONED MONITORING WELL
- APPROXIMATE LOCATION OF FRACTURES
- EXTENT OF 2009 SOIL REMOVAL
- (87.25) GROUNDWATER ELEVATION
- 86 GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION

NOTES:

1. ALL ELEVATIONS REFERENCED TO THE NATIONAL GEODETIC VERTICAL DATUM OF 1929.
2. CONTOUR INTERVAL = TWO FEET.
3. * = VALUE FOR THIS WELL JUDGED TO BE ANOMALOUS BASED ON HISTORICAL DATA AND PROFESSIONAL JUDGMENT; THEREFORE, IT WAS NOT USED IN CONTOURING.

0 80' 160'

GRAPHIC SCALE

NEW YORK STATE ELECTRIC AND GAS
MECHANICVILLE, NEW YORK

POTENTIOMETRIC MAP OF THE DEEP ZONE - OCTOBER 2025

ARCADIS

FIGURE 5

C:\Users\km7685\DCAC\Docs\Arcadis ACC US\AUS-99999999-CHEV_MECHANICVILLE_NY\Project Files\10_WIP\10T_ARC_ENV\2026\01-DWG\GWM-2025Q4-F05-DEEP GWE CONTOUR MAP.dwg LAYOUT: 5 SAVED: 4/10/2026 10:51 AM ACADVER: 24.3S (LMS TECH) PAGESETUP: ----
PLOTSTYLETABLE: ---- PLOTTED: 4/10/2026 10:52 AM BY: K. MAHENDRA

TW-2S	
Compound	**10/14/2025**
Benzene	1,300 D
Ethylbenzene	520 D
Isopropylbenzene	28
Toluene	25
Xylenes	190 D
Acenaphthene	200 DJ
Benzo(a)anthracene	0.33 J
Benzo(b)fluoranthene	0.7 J
Biphenyl	47 J
Fluorene	51 J
Naphthalene	950 DJ

MW-36I	
Compound	**10/14/2025**
Benzo(a)anthracene	0.064 J

MW-46I	
Compound	**10/14/2025**
Benzene	89

MW-2	
Compound	**10/14/2025**
Benzo(b)fluoranthene	0.69 J
Chrysene	0.5 J

MW-36I
MW-36D
MW-37I
MW-37D
MW-20D
MW-35I
MW-34D
MW-41D
ANTHONY KILL
MW-32D
MW-15IR
TW-4
TW-3
MW-22IR
TW-2S
TW-2I
MW-14
MW-14S
MW-14D
MW-29IR
MW-46I
MW-44I
MW-2
MW-2I
MW-25S
MW-25I
MW-17I
MW-17D
MW-45I
TW-1
MW-12S
MW-13
MW-12
MW-30D
MW-30S
MW-17
MW-18
MW-19I
MW-1I
MW-1D
MW-1
MW-10
MW-10D
MW-10I
MW-33D
MW-40D
MW-38D
MW-38I
MW-42D
MW-39D
MW-43D
MW-31S
MW-31D
NORTH CENTRAL AVENUE
GROVE STREET
FERRIS LANE
WEST
-S STREET
BURKE STREET
EAST WAY
FRANCES STREET
ELECTRIC SUBSTATION

LEGEND:

- PROPERTY BOUNDARY
- MW-36I — MONITORING WELL LOCATION
- MW-36I — DECOMISSIONED MONITORING WELL
- APPROXIMATE LOCATION OF FRACTURES
- EXTENT OF 2009 SOIL REMOVAL LIMITS

STANDARD/GUIDANCE VALUES		
Compound	**AWQS**	**GV**
VOCs (µg/L)		
Benzene	1	--
Ethylbenzene	5	--
Isopropylbenzene	5	--
Toluene	5	--
Xylenes	5	--
SVOCs (µg/L)		
Acenaphthene	--	20
Benzo(a)anthracene	--	0.002
Benzo(b)fluoranthene	--	0.002
Biphenyl	5	--
Chrysene	--	0.002
Fluorene	--	50
Naphthalene	--	10

NOTES:

1. AWQS / GV - NEW YORK STATE AMBIENT WATER QUALITY STANDARDS GUIDANCE VALUES ARE FOR CLASS GA WATER AS PRESENTED IN THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF WATER, TECHNICAL AND OPERATIONAL GUIDANCE SERIES (TOGS) DOCUMENT TITLED AMBIENT WATER QUALITY STANDARDS AND GUIDANCE VALUES AND GROUNDWATER EFFLUENT LIMITATIONS (TOGS 1.1.1), DATED JUNE 1998, REVISED APRIL 2000 AND JUNE 2004.
2. J = RESULT IS ESTIMATED, DETECTION WAS BELOW THE REPORTING LIMIT BUT ABOVE THE METHOD DETECTION LIMIT
3. RESULTS ARE IN MICROGRAMS PER LITER (µg/L)
4. D = THE REPORTED VALUE IS FROM A DILUTION
5. FIGURE SHOWS GROUNDWATER ANALYTICAL RESULTS FOR SAMPLING LOCATIONS WITH CONSTITUENTS EXCEEDING THE STANDARDS/GUIDANCE VALUES.

0 80' 160'

GRAPHIC SCALE

NEW YORK STATE ELECTRIC AND GAS
MECHANICVILLE, NEW YORK

GROUNDWATER ANALYTICAL RESULTS EXCEEDING STANDARDS/GUIDANCE VALUES - OCTOBER 2025

ARCADIS

FIGURE 6

C:\Users\km76850\DC\ACCDocs\Arcadis ACC US\AUS-99999999-CHEV_MECHANICVILLE_NY\Project Files\10_WIP\10T_ARC_ENV\2026\01-DWG\GWM-2025Q4-F06-GWA MAP.dwg LAYOUT: 6 SAVED: 4/10/2026 10:52 AM ACADVER: 24.3S (LMS TECH) PAGESETUP: --- PLOTSTYLETABLE: ---
PLOTTED: 4/10/2026 10:52 AM BY: K. MAHENDRA

Appendix A

Stream Monitoring Form

ARCADIS

Anthony Kill Observation Form Mechanicville Former MGP Site (NYSDEC Site 546033)
North Central Avenue, Mechanicville, New York

Item	Comments
Cloud Cover: 98%	
Sun Angle: too much cloud cover	
Precipitation: 0.4" in last 24 hours	
Time Start: 1620	
Time End: 1720	
Anthony Kill	
Sheen?	Yes after probing
# Blebs	0
Frequency	when sediment probed
Location of Observation	42.90659°N, 73.68830°W
Water Level from Mark	21.90' from midpoint bridge to ground surface 25.65' from midpoint of bridge, top of railing
Stream Elevation	~2.5' off of bank (depth)
Sediments Probed?	Yes, all along marked portion
Observation after probing?	sheen observed

Name of Inspector: Antoinette Miller
Inspector's Company: Arcadis

Signature of Inspector: Antoinette Miller
Date: 10-13-25

Entire length of stream boundary observed as marked in figure 5 (next page for reference)

Anthony Kill Probing Location

POST-REMEDIATION SEDIMENT REMOVAL AREA

FRACTURES OBSERVED AT ROCK SURFACE

FOLD FOUND AT ROCK SURFACE

TEAR FAULT FOUND AT ROCK SURFACE

ANTHONY KILL

FERRIS LANE

CENTRAL AVENUE

GRAVEL

ASPHALT

CONC.

BLOCK / BRICK STRUCTURE

ELECTRIC SUB-STATION

MW 35I
MW 34D
MW-32D
TW-4
MW-15IR
MW-11
TW-3
MW-22IR
MW-29IR
TW-2S
TW-2I
MW-14
MW-14S
MW-14D
MW-46I
MW-44I
MW-17I
MW-17D
MW-25I
MW-25S
MW-2
MW-21
MW-12S
MW-13
MW-12
MW-45I
TW-1
MW-17
MW-18
MW 19I
MW-30D
MW-30S
MW 1I
MW-1
MW 1D
MW-10
MW-10I
MW-10D
MW 40D

LEGEND

- 2009 REMEDAIL EXCAVATION LIMIT BOUNDARY
- 90 — SURFACE CONTOUR (1 FT.)
- STONE FILL
- MW-15IR — MONITORING WELL
- TW-3 — EXTRACTION WELL
- AREA OF POTENTIALLY IMPACTED SOILS AT DEPTH (> 6 FEET)

PLAN

0' 20' 40' 80'

AECOM

SITE MANAGEMENT PLAN

EXTENT OF REMEDIAL EXCAVATION

NEW YORK STATE ELECTRIC AND GAS
MECHANICVILLE, NEW YORK

FILE NAME:	DRN	PROJECT NO.	DATE	FIGURE NO.
	---	60135689	12/2010	5

Plotted By: meisterk
Layout-Sheet Name: SM-NAPL
Plot File Date Created: Dec/06/2010 12:56 PM

Filename: L:\WORK\94560\CADD\SITE_MANAGEMENT_PLAN\94560-LT-NAPL-MONITORING.DWG

Appendix B

Photo Log

Photograph Log

NYSEG
Mechanicville
30193939.03



Photograph: 1

Description:
MW-44I

Location:
Looking down

Photograph taken by:
A.Miller

Date: 10/16/2025

Photograph Log

NYSEG
Mechanicville
30193939.03



Photograph: 2

Description:
MW-38I

Location:
Looking down

Photograph taken by:
A.Miller

Date: 10/16/2025

Photograph Log

NYSEG
Mechanicville
30193939.03



Photograph: 3

Description:
MW-38D

Location:
Looking down

Photograph taken by:
A.Miller

Date: 10/16/2025

Photograph Log

NYSEG
Mechanicville
30193939.03



Photograph: 4

Description:
MW-39D

Location:
Looking down

Photograph taken by:
A.Miller

Date: 10/16/2025

Photograph Log

NYSEG
Mechanicville
30193939.03



Photograph: 5

Description:
MW-33D

Location:
Looking down

Photograph taken by:
A.Miller

Date: 10/16/2025

Photograph Log

NYSEG
Mechanicville
30193939.03



Photograph: 6

Description:
MW-17

Location:
Looking down

Photograph taken by:
A.Miller

Date: 10/16/2025

Photograph Log

NYSEG
Mechanicville
30193939.03



Photograph: 7

Description:
MW-17I

Location:
Looking down

Photograph taken by:
A.Miller

Date: 10/16/2025

Photograph Log

NYSEG
Mechanicville
30193939.03



Photograph: 8

Description:
MW-17D

Location:
Looking down

Photograph taken by:
A.Miller

Date: 10/16/2025

Photograph Log

NYSEG
Mechanicville
30193939.03



Photograph: 9

Description:
MW-20D

Location:
Looking down

Photograph taken by:
A.Miller

Date: 10/16/2025



Photograph: 10

Description:
MW-36I

Location:
Looking down

Photograph taken by:
A.Miller

Date: 10/16/2025

Photograph Log

NYSEG
Mechanicville
30193939.03



Photograph: 11

Description:
MW-36D

Location:
Looking down

Photograph taken by:
A.Miller

Date: 10/16/2025

Photograph Log

NYSEG
Mechanicville
30193939.03



Photograph: 12

Description:
MW-35I

Location:
Looking down

Photograph taken by:
A.Miller

Date: 10/16/2025

Photograph Log

NYSEG
Mechanicville
30193939.03



Photograph: 13

Description:
MW-10D

Location:
Looking down

Photograph taken by:
A.Miller

Date: 10/16/2025

Photograph Log

NYSEG
Mechanicville
30193939.03



Photograph: 14

Description:
MW-10I

Location:
Looking down

Photograph taken by:
A.Miller

Date: 10/16/2025

Photograph Log

NYSEG
Mechanicville
30193939.03



Photograph: 15

Description:
MW-10

Location:
Looking down

Photograph taken by:
A.Miller

Date: 10/16/2025

Photograph Log

NYSEG
Mechanicville
30193939.03



Photograph: 16

Description:
MW-1D (front), MW-1 (back left), and MW-1I (back right)

Location:
Looking down

Photograph taken by:
A.Miller

Date: 10/16/2025

Photograph Log

NYSEG
Mechanicville
30193939.03



Photograph: 17

Description:
TW-1

Location:
Looking down

Photograph taken by:
A.Miller

Date: 10/16/2025

Photograph Log

NYSEG
Mechanicville
30193939.03



Photograph: 18

Description:
MW-45I

Location:
Looking down

Photograph taken by:
A.Miller

Date: 10/16/2025

Photograph Log

NYSEG
Mechanicville
30193939.03



Photograph: 19

Description:
TW-2I

Location:
Looking down

Photograph taken by:
A.Miller

Date: 10/16/2025

Photograph Log

NYSEG
Mechanicville
30193939.03



Photograph: 20

Description:
TW-2S

Location:
Looking down

Photograph taken by:
A.Miller

Date: 10/16/2025

Photograph Log

NYSEG
Mechanicville
30193939.03



Photograph: 21

Description:
MW-29IR

Location:
Looking down

Photograph taken by:
A.Miller

Date: 10/16/2025

Photograph Log

NYSEG
Mechanicville
30193939.03



Photograph: 22

Description:
MW-22IR

Location:
Looking down

Photograph taken by:
A.Miller

Date: 10/16/2025

Photograph Log

NYSEG
Mechanicville
30193939.03



Photograph: 23

Description:
TW-3

Location:
Looking down

Photograph taken by:
A.Miller

Date: 10/16/2025

Photograph Log

NYSEG
Mechanicville
30193939.03



Photograph: 24

Description:
MW-15IR

Location:
Looking down

Photograph taken by:
A.Miller

Date: 10/16/2025

Photograph Log

NYSEG
Mechanicville
30193939.03



Photograph: 25

Description:
TW-4

Location:
Looking down

Photograph taken by:
A.Miller

Date: 10/16/2025

Photograph Log

NYSEG
Mechanicville
30193939.03



Photograph: 26

Description:
MW-2

Location:
Looking down

Photograph taken by:
A.Miller

Date: 10/16/2025

Photograph Log

NYSEG
Mechanicville
30193939.03



Photograph: 27

Description:
MW-2I

Location:
Looking down

Photograph taken by:
A.Miller

Date: 10/16/2025

Photograph Log

NYSEG
Mechanicville
30193939.03



Photograph: 28

Description:
MW-25I

Location:
Looking down

Photograph taken by:
A.Miller

Date: 10/16/2025

Photograph Log

NYSEG
Mechanicville
30193939.03



Photograph: 29

Description:
MW-13

Location:
Looking down

Photograph taken by:
A.Miller

Date: 10/16/2025

Photograph Log

NYSEG
Mechanicville
30193939.03



Photograph: 30

Description:
MW-30D

Location:
Looking down

Photograph taken by:
A.Miller

Date: 10/16/2025

Photograph Log

NYSEG
Mechanicville
30193939.03



Photograph: 31

Description:
MW-30S

Location:
Looking down

Photograph taken by:
A.Miller

Date: 10/16/2025

Photograph Log

NYSEG
Mechanicville
30193939.03



Photograph: 32

Description:
MW-32D

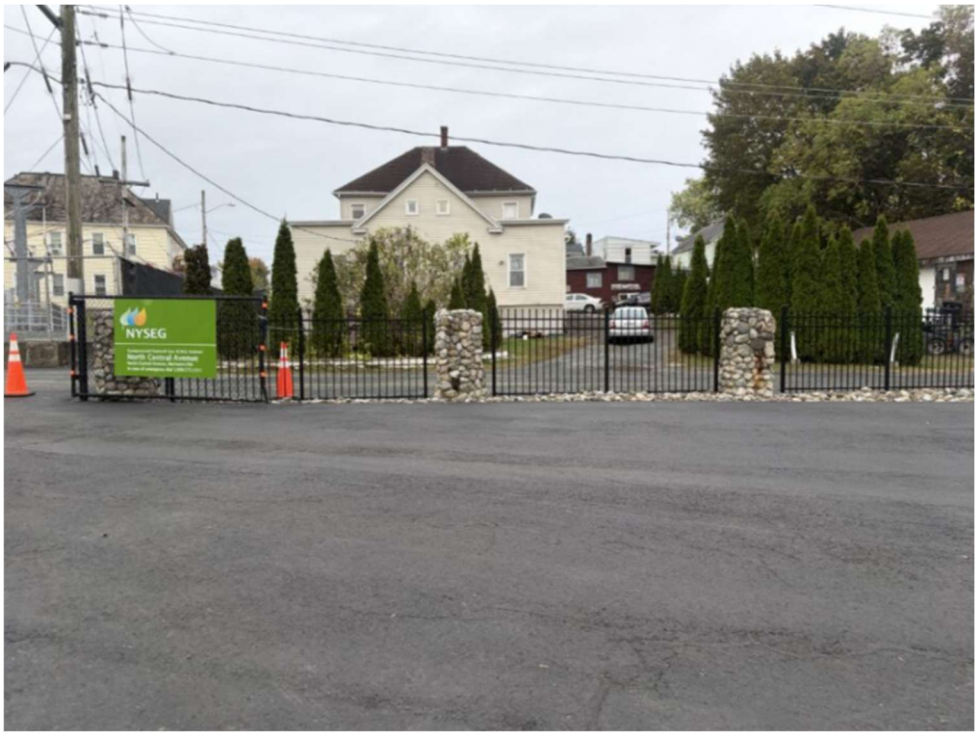
Location:
Looking down

Photograph taken by:
A.Miller

Date: 10/16/2025

Photograph Log

NYSEG
Mechanicville
30193939.03



Photograph: 33

Description:
Fence Perimeter

Location:
Site Entrance

Photograph taken by:
A.Miller

Date: 10/16/2025

Photograph Log

NYSEG
Mechanicville
30193939.03



Photograph: 34

Description:
Streambank

Location:
Streambank

Photograph taken by:
A.Miller

Date: 10/16/2025

Photograph Log

NYSEG
Mechanicville
30193939.03



Photograph: 35

Description:
Streambank foliage

Location:
Streambank

Photograph taken by:
A.Miller

Date: 10/16/2025

Photograph Log

NYSEG
Mechanicville
30193939.03



Photograph: 36

Description:
Anthony Kill

Location:
Streambank

Photograph taken by:
A.Miller

Date: 10/16/2025

Photograph Log

NYSEG
Mechanicville
30193939.03



Photograph: 37

Description:
Streambank foliage

Location:
Streambank

Photograph taken by:
A.Miller

Date: 10/16/2025

Photograph Log

NYSEG
Mechanicville
30193939.03



Photograph: 38

Description:
Streambank foliage

Location:
Streambank

Photograph taken by:
A.Miller

Date: 10/16/2025

Appendix C

Site Inspection Form

ARCADIS

Site-Wide Inspection Form Mechanicville Former MGP Site (NYSDEC Site 546033)
North Central Avenue, Mechanicville, New York

Item	Yes	No	N/A	Comments
Where applicable, is the perimeter fence in good condition?	X			please refer to photos of fence
Are there any signs of erosion on site or along stream bank?		X		minor erosion on northern bank - see marked map + photos
Is 95% of the streambank covered with natural vegetation?	X			
Has remedial performance criteria been achieved or maintained?	X			Groundwater monitoring + DNAPL removal
Has sampling and analysis of appropriate media been performed during the monitoring event?	X			Please refer to COC + low flow logs
Has the maintenance checklist been completed? (If a system is installed)			X	
Are site records including the Site Management Plan complete and up-to-date?	X			
If applicable, have there been any modifications made to the remedial or monitoring system?			X	
If applicable, does the remedial or monitoring system need to be changed or altered at this time?			X	
Has there been any intrusive activity, excavation, or construction occurred at the site?		X		
Were the activities mentioned above, performed in accordance with the SMP?			X	
Are the monitoring wells in good condition (e.g., covers, casings)?	X			please refer to gauging sheet for well conditions
Was the Anthony Kill Creek monitored for Oily Blebs during this time?	X			
Was there a change in the use of the site or were there new structures constructed on the site?		X		
If the answer above is YES, was a vapor intrusion evaluation done?			X	
Were new mitigation systems installed based on monitoring results?		X		
Was any DNAPL collected from wells during this period?	X			
Are there any DNAPL drums on-site that need disposal?	X			

Note: Upon completion of the form, any non-conforming items warranting corrective action should be identified.

Name of Inspector: Antoinette Miller
Inspector's Company: Arcadis

Signature of Inspector: Antoinette Miller
Date: 10-13-25

Appendix D

Groundwater Purge and Sampling Forms

ARCADIS

NYSEG Mechanicville MGP

Page 1 of 1

Well ID: MW-2

Project Number: 30193939

Date: 10/14

Sampling Time: 0945

Weather: 52° F

Task: 4

Well Headspace PID:

Sampled By: AF

Coded Replicate No.:

Replicate Type (circle one): Duplicate MS/MSD

Instrument Identification

Serial #:	PID	Water Quality Meter(s)

Purging Information

Casing Material: ~~PVC~~ PVC

Casing Diameter: 2 in

Total Depth: 13.78 ft

Depth to Product: N/A ft

Depth to Water: 5.65 ft

Water Column: 8.13 ft

Gallons in Well: 1.3 gal

Purge Method: (circle one) Submersible Centrifugal Bladder

Screen Interval: From: 11.2 To: 14.35

Pump Intake Setting: ~11.78

Total Volume Purged: 2 gal

Pump on: 0906 Off: 1008

Field Parameter Measurements Taken During Purging

Time	Minutes Elapsed	Rate (ml/min)	Depth to Water	Turbidity (NTUs)	pH (SI Units)	ORP (mV)	Conductivity (MS/cm)3	Temp (°C)	DO (mg/L)	TDS (mg/L)	Comments
	Stabilization Range		<0.3 ft.	10% if >1	+/- 0.1	+/- 10	3%	3%	10%		
0900	0	300	5.65	17.8	6.83	32	1.12	19.97	0.63	0.717	
0905	5	250	7.07	11.9	6.96	-5	1.12	20.06	0.58	0.713	
0910	10	200	8.42	16.0	7.02	-49	1.10	20.28	0.50	0.706	
0915	15	120	9.01	12.7	7.00	-63	1.10	20.19	0.48	0.704	
0920	20	120	9.04	13.9	6.99	-65	1.10	20.09	0.47	0.704	
0925	25	120	8.89	16.2	6.98	-77	1.10	19.87	0.50	0.704	
0930	30	120	8.74	15.0	6.96	-79	1.10	19.72	0.50	0.704	
0935	35	120	8.70	14.2	6.94	-80	1.10	19.68	0.48	0.705	
0940	40	120	8.70	15.7	6.93	-80	1.10	19.74	0.47	0.705	
	45										
	50										
	55										
	60										
	65										
	70										

Number and Type of Bottle	Analytical Parameter	Preservative	Collected
2 Amber	SVOC	NONE	y
3 VOA	VOC	Hydrochloric acid	y
1 Plastic	total cyanide	Sodium hydroxide	y

Color: Clear

Odor: NONE

Well Condition: GOOD

Purge Water Disposal: DRUM

ARCADIS

NYSEG Mechanicville MGP

Page 1 of 1

Well ID: MW-27

Project Number: 30193939 Task: 4

Date: 10/14 Well Headspace PID:

Sampling Time: 1110 Sampled By: AP

Weather: 54°F Coded Replicate No.:

Replicate Type (circle one): Duplicate MS/MSD

Instrument Identification

Serial #:	PID	Water Quality Meter(s)

Purging Information

Casing Material: PVC

Casing Diameter: 6 in

Total Depth: 31.94 ft

Depth to Product: N/A ft

Depth to Water: 6.17 ft

Water Column: 25.77 ft

Gallons in Well: 37.88 gal

Purge Method: (circle one) Submersible Centrifugal Bladder

Screen Interval: From: 11.28 To: 32.2

Pump Intake Setting: 20'

Total Volume Purged: 2.25 gal

Pump on: 1020 Off: 1126

Field Parameter Measurements Taken During Purging

Time	Minutes Elapsed	Rate (ml/min)	Depth to Water	Turbidity (NTUs)	pH (SI Units)	ORP (mV)	Conductivity (MS/cm)3	Temp (°C)	DO (mg/L)	TDS (mg/L)	Comments
	Stabilization Range		<0.3 ft.	10% if >1	+/- 0.1	+/- 10	3%	3%	10%		
1025	0	1600	6.22	24.0	7.41	-189	1.666	18.22	0.69	1.07	
1030	5	1600	6.44	19.4	7.47	-217	1.69	18.58	0.44	1.08	
1035	10	200	6.59	19.3	7.49	-224	1.70	18.64	0.40	1.09	
1040	15	200	6.74	18.4	7.51	-229	1.69	18.56	0.36	1.08	
1045	20	200	6.91	~~18.5~~	7.53	-234	1.69	18.54	0.34	1.08	
1050	25	200	7.08	18.9	7.53	-235	1.68	18.52	0.33	1.07	
1055	30	200	7.29	19.4	7.53	-237	1.67	18.48	0.31	1.07	
1100	35	200	7.45	19.2	7.54	-238	1.68	18.57	0.31	1.08	
1105	40	200	7.49	18.5	7.53	-237	1.69	18.77	0.31	1.08	
	45										
	50										
	55										
	60										
	65										
	70										

Turb. 17.7

Number and Type of Bottle	Analytical Parameter	Preservative	Collected
3 Amber	SVOCs	NONE	YES
3 VOA	VOCs	hydrochloric acid	YES
1 Plastic	total cyanide	sodium hydroxide	YES

Color: ~~clear~~ tan/rusty

Odor: none

Well Condition: good

Purge Water Disposal: drums

ARCADIS

Page 1 of 1

NYSEG Mechanicville MGP

Well ID: TW-2S

Project Number: 30193939 Task: 4

Date: 10/14 Well Headspace PID:

Sampling Time: 1400 Sampled By: AF

Weather: 54°F Coded Replicate No.:

Replicate Type (circle one): Duplicate MS/MSD

Instrument Identification

Serial #:	PID	Water Quality Meter(s)

Purging Information

Casing Material: PVC

Casing Diameter: 2 in

Total Depth: 28.30 ft

Depth to Product: N/A ft

Depth to Water: 8.23 ft

Water Column: 20.07 ft

Gallons in Well: 3.21 gal

Purge Method: (circle one) Submersible Centrifugal Bladder

Screen Interval: From: 18 To: 28

Pump Intake Setting: ~22'

Total Volume Purged: 2

Pump on: 135 Off: 1415

Field Parameter Measurements Taken During Purging

Time	Minutes Elapsed	Rate (ml/min)	Depth to Water	Turbidity (NTUs)	pH (SI Units)	ORP (mV)	Conductivity (MS/cm)3	Temp (°C)	DO (mg/L)	TDS (mg/L)	Comments
	Stabilization Range		<0.3 ft.	10% if >1	+/- 0.1	+/- 10	3%	3%	10%		
1315	0	100	8.23	43.8	7.43	-210	0.420	17.57	0.30	0.276	
1320	5	200	9.33	29.4	7.39	-208	0.563	17.45	0.21	0.376	
1325	10	200	9.69	14.0	7.23	-297	0.779	17.19	0.19	0.494	
1330	15	200	9.78	9.4	7.20	-309	0.893	17.15	0.19	0.572	
1335	20	140	9.87	2.9	7.20	-318	1.02	17.15	0.19	0.653	
1340	25	140	9.75	1.5	7.20	-323	1.11	17.11	0.18	0.714	
1345	30	140	9.81	0.2	7.19	-329	1.16	17.05	0.18	0.741	
1350	35	140	9.84	0.4	7.19	-333	1.17	17.03	0.18	0.747	
1355	40	140	9.87	0.0	7.20	-338	1.18	17.01	0.18	0.754	
	45										
	50										
	55										
	60										
	65										
	70										

Number and Type of Bottle	Analytical Parameter	Preservative	Collected
3 2 Amber	SVOC	NONE	yes
3 VOA	VOC	hydrochloric acid	yes
1 plastic	total cyanide	sodium hydroxide	yes

Color: clear

Odor: ~~none~~ Slight sulfur odor

Well Condition: good

Purge Water Disposal: DRUM

ARCADIS

NYSEG Mechanicville MGP

Page 1 of 1

Well ID: MW-17

Project Number: 30193939
Date: 10/14
Sampling Time: 1720
Weather: 54°F

Task: 4

Well Headspace PID:

Sampled By: AF
Coded Replicate No.:
Replicate Type (circle one): Duplicate MS/MSD

Instrument Identification

Serial #:	PID	Water Quality Meter(s)

Purging Information

Casing Material:	PVC	
Casing Diameter:	2	in
Total Depth:	21.69	ft
Depth to Product:	N/A	ft
Depth to Water:	13.62	ft
Water Column:	8.07	ft
Gallons in Well:	1.29	gal

Purge Method: (circle one) Submersible Centrifugal Bladder
Screen Interval: From: 13 To: 23
Pump Intake Setting: ~ 22'
Total Volume Purged: 2.5 gal
Pump on: 1620 Off: 1740

Field Parameter Measurements Taken During Purging

Time	Minutes Elapsed	Rate (ml/min)	Depth to Water	Turbidity (NTUs)	pH (SI Units)	ORP (mV)	Conductivity (MS/cm)3	Temp (°C)	DO (mg/L)	TDS (mg/L)	Comments
	Stabilization Range		<0.3 ft.	10% if >1	+/- 0.1	+/- 10	3%	3%	10%		
1620	0	160	13.62	6.44	6.95	-68	1.41	18.04	1.09	.903	
1625	5	160	14.10	77	6.8	-58	1.42	17.83	0.31	.909	
1630	10	160	14.13	31.5	6.79	-58	1.42	17.81	0.29	.909	
1635	15	160	14.11	25.6	6.78	-56	1.42	17.68	0.25	.909	
1640	20	160	14.12	21.5	6.77	-56	1.42	17.59	0.23	.909	
1645	25	140	14.10	18.8	6.77	-57	1.42	17.57	0.23	.910	
1650	30	140	14.09	21.8	6.77	-67	1.42	17.55	0.23	.909	
1655	35	140	14.09	16.9	6.76	-75	1.42	17.50	0.22	.908	
1700	40	150	14.09	15.3	6.76	<77	1.42	17.50	0.22	.907	
1705	45	150	14.04	13.0	6.76	<78	1.42	17.49	0.22	.908	
1710	50	150	14.10	12.4	6.75	-77	1.42	17.42	0.21	.907	
1715	55	150	14.10	12.1	6.75	-77	1.42	17.39	0.22	.907	
	60										
	65										
	70										

Number and Type of Bottle	Analytical Parameter	Preservative	Collected
2 Amber	SVOC	NONE	Y
3 VOA	VOC	hydrochloric acid	Y
1 plastic	total cyanide	Sodium hydroxide	Y

Color: Slight tan
Odor: none

Well Condition: GOOD
Purge Water Disposal: DRUM

ARCADIS

NYSEG Mechanicville MGP

Page 1 of 1

Project Number: 30193939

Date: 10/14

Sampling Time: 1335

Weather: 60°F

Task: 4

Well ID: MW-17I

Well Headspace PID:

Sampled By: AF

Coded Replicate No.:

Replicate Type (circle one): Duplicate MS/MSD

Instrument Identification

Serial #:	PID	Water Quality Meter(s)

Purging Information

Casing Material: PVC

Casing Diameter: 6 in

Total Depth: 44.81 ft

Depth to Product: N/A ft

Depth to Water: 13.83 ft

Water Column: 30.98 ft

Gallons in Well: 45.5 gal

Purge Method: (circle one) Submersible Centrifugal Bladder

Screen Interval: From: 23 To: 45

Pump Intake Setting: ~35

Total Volume Purged: 2 gallons

Pump on: 1440 Off: 1555

Field Parameter Measurements Taken During Purging

Time	Minutes Elapsed	Rate (ml/min)	Depth to Water	Turbidity (NTUs)	pH (SI Units)	ORP (mV)	Conductivity (MS/cm)3	Temp (°C)	DO (mg/L)	TDS (mg/L)	Comments
	Stabilization Range		<0.3 ft.	10% if >1	+/- 0.1	+/- 10	3%	3%	10%		
1440	0	300	13.83	109	7.77	-230	1.16	16.72	8.87	0.747	
1445	5	150	14.05	94.3	7.70	-235	1.18	16.68	7.74	0.757	
1450	10	120	14.25	80.1	7.70	-243	1.18	16.72	6.88	0.757	
1455	15	120	14.32	80.6	7.68	-243	1.18	16.90	6.36	0.759	
1500	20	120	14.47	83.7	7.66	-243	1.18	16.92	5.77	0.757	
1505	25	140	14.53	78.2	7.67	-243	1.18	16.94	5.35	0.756	
1510	30	140	14.67	75.4	7.70	-244	1.18	16.89	4.86	0.757	
1515	35	140	14.75	72.7	7.70	-243	1.18	16.93	4.56	0.757	
1520	40	140	14.79	70.9	7.70	-241	1.18	16.92	3.99	0.757	
1525	45	140	14.90	66.2	7.69	-240	1.18	16.85	3.81	0.757	
1530	50	140	15.01	64.7	7.69	-239	1.18	16.96	3.72	0.757	
	55										
	60										
	65										
	70										

Number and Type of Bottle	Analytical Parameter	Preservative	Collected
2 Amber	SVOC	NONE	YES
3 VOA	VOC	hydrochloric acid	YES
1 plastic	total cyanide	sodium hydroxide	YES

Color: clear

Odor: none

Well Condition: GOOD

Purge Water Disposal: DRUM

ARCADIS

NYSEG Mechanicville MGP

Page 1 of 1

Well ID: MW-17D

Project Number: 30193939 Task: 4

Date: 10-15-25 Well Headspace PID: 0.0

Sampling Time: 1315 Sampled By: A. Miller

Weather: Cloudy Coded Replicate No.: NA

Replicate Type (circle one): Duplicate MS/MSD

Instrument Identification

Serial #: PID NA Water Quality Meter(s) FA05240

Purging Information

Casing Material: PVC

Casing Diameter: 2 in

Total Depth: 139.28 ft

Depth to Product: NA ft

Depth to Water: 10.59 ft

Water Column: 128.69 ft

Gallons in Well: 20.590H gal

Purge Method: (circle one) Submersible Centrifugal Bladder

Screen Interval: From: 121' To: 142.5'

Pump Intake Setting: 130'

Total Volume Purged:

Pump on: 1208 Off: 1329

Field Parameter Measurements Taken During Purging

Time	Minutes Elapsed	Rate (ml/min) ↔	Depth to Water	Turbidity (NTUs)	pH (SI Units)	ORP (mV)	Conductivity (MS/cm)3	Temp (°C)	DO (mg/L)	TDS (g/L)	Comments
	Stabilization Range		<0.3 ft.	10% if >1	+/- 0.1	+/- 10	3%	3%	10%		
1210	0	10.75	150	17.5	8.68	-59	0.757	15.02	4.34	0.485	
1215	5	10.86	150	12.3	9.81	-133	0.776	14.97	2.58	0.498	
1220	10	11.03	150	13.4	10.07	-152	0.789	14.97	2.06	0.513	
1225	15	11.12	150	13.7	10.18	-162	0.821	15.00	1.63	0.526	
1230	20	11.26	150	12.2	10.22	-166	0.847	15.09	1.43	0.542	
1235	25	11.38	150	12.4	10.24	-169	0.866	15.10	1.16	0.555	
1240	30	11.51	150	12.6	10.28	-171	0.871	15.10	0.97	0.556	
1245	35	11.65	150	13.0	10.32	-175	0.875	15.08	0.92	0.560	
1250	40	11.78	150	12.0	10.35	-177	0.878	15.09	0.86	0.561	DO 0.86
1255	45	11.91	150	12.0	10.40	-180	0.871	15.21	0.76	0.557	
1300	50	12.02	150	11.5	10.41	-181	0.875	15.22	0.77	0.559	
1305	55	12.17	150	11.7	10.44	-182	0.877	15.31	0.82	0.561	
	60										
	65										
	70										

Number and Type of Bottle	Analytical Parameter	Preservative	Collected
1/125 plastic	9012B	Sodium Hydroxide	Yes 10-15-25
2/1L Amber	82700	None	Yes 10-15-25
3/40 VOA	8260C	HCl	Yes 10-15-25

Color: None

Odor: None

Well Condition: Good

Purge Water Disposal: 55 gallon drum

TDS → g/L

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NYSEG Mechanicville MGP

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Well ID: MW-20D

Project Number: 30193539 Task: 4

Date: 10/15 Well Headspace PID: ~~36~~ MW-20D

Sampling Time: 1045 Sampled By: AP

Weather: 52°F Coded Replicate No.:

Replicate Type (circle one): Duplicate MS/MSD

Instrument Identification

Serial #:	PID	Water Quality Meter(s)

Purging Information

Casing Material: Metal

Casing Diameter: 6 in

Total Depth: 112.57 ft

Depth to Product: N/A ft

Depth to Water: 15.27 ft

Water Column: 97.3 ft

Gallons in Well: 143.03 gal

Purge Method: (circle one) Submersible Centrifugal Bladder

Screen Interval: From: 90 To: 110.1

Pump Intake Setting: 100'

Total Volume Purged: 1.5 gal

Pump on: 0945 Off: 1115

Field Parameter Measurements Taken During Purging

Time	Minutes Elapsed	Rate (ml/min)	Depth to Water	Turbidity (NTUs)	pH (SI Units)	ORP (mV)	Conductivity (MS/cm)3	Temp (°C)	DO (mg/L)	TDS (mg/L)	Comments
	Stabilization Range		<0.3 ft.	10% if >1	+/- 0.1	+/- 10	3%	3%	10%		
0950	0	300	15.27	11.1	9.02	18	.716	14.18	2.10	.458	
0954	5	150	15.50	9.0	9.13	-37	.716	14.13	1.76	.458	
1000	10	150	15.72	~~9.36~~	9.36	-95	.723	13.86	1.01	.463	
1005	15	150	16.20	3.9	9.40	-107	.727	13.67	0.80	.465	
1010	20	150	16.54	2.5	9.41	-116	.731	13.48	0.66	.468	
1015	25	150	16.61	2.1	9.41	-113	.734	13.42	0.63	.470	
1020	30	150	16.76	2.1	9.41	-118	.736	13.35	0.63	.471	
1025	35	150	16.81	1.9	9.41	-118	.736	13.32	0.63	.471	
1030	40	150	16.85	2.2	9.42	-119	.737	13.31	0.63	.472	
1035	45	150	16.86	2.1	9.42	-118	.740	13.26	.64	.474	
1040	50	150	16.92	2.1	9.41	-117	.738	13.25	.62	.472	
	55										
	60										
	65										
	70										

TVRs 3.7

Number and Type of Bottle	Analytical Parameter	Preservative	Collected
2 Amber	SVOC	NONE	YES
3 x09	VOC	hydrochloric acid	YES
1 plastic	total cyanide	sodium hydroxide	YES

Color: clear

Odor: none

Well Condition: GOOD

Purge Water Disposal: DRUM

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NYSEG Mechanicville MGP

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Project Number: 30193939 Task: 4 **Well ID:** 36S

Date: 10/15

Sampling Time: 1255 Well Headspace PID: —

Weather: 36°F Sampled By: AF

Coded Replicate No.:

Replicate Type (circle one): Duplicate MS/MSD

Instrument Identification

Serial #:	PID	Water Quality Meter(s)

Purging Information

Casing Material: PVC

Casing Diameter: 4 in

Total Depth: 45.35 ft

Depth to Product: N/A ft

Depth to Water: 12.03 ft

Water Column: 33.32 ft

Gallons in Well: 48.7 gal

Purge Method: (circle one) Submersible Centrifugal Bladder

Screen Interval: From: 20 To: 45'

Pump Intake Setting: ~32'

Total Volume Purged: 2 gal

Pump on: 1155 Off:

Field Parameter Measurements Taken During Purging

Time	Minutes Elapsed	Rate (ml/min)	Depth to Water	Turbidity (NTUs)	pH (SI Units)	ORP (mV)	Conductivity (MS/cm)3	Temp (°C)	DO (mg/L)	TDS (mg/L)	Comments
	Stabilization Range		<0.3 ft.	10% if >1	+/- 0.1	+/- 10	3%	3%	10%		
1200	0	350	12.03	16.5	8.35	15	.653	14.54	2.76	.418	
1205	5	200	12.85	15.4	8.40	-18	.652	14.94	0.74	.417	
1210	10	200	13.31	17.5	8.42	-38	.652	15.03	0.55	.417	
1215	15	180	13.64	19.1	8.42	-50	.651	15.26	0.50	.417	
1220	20	180	14.16	22.5	8.43	-62	.651	15.24	0.43	.417	
1225	25	150	14.45	22.2	8.43	-69	.651	15.37	0.42	.417	
1230	30	150	14.56	22.2	8.43	-70	.651	15.53	.43	.417	
1235	35	150	14.81	21.8	8.43	-72	.651	15.57	.44	.417	
1240	40	150	15.01	25.0	8.43	-73	.650	15.65	.46	.416	
1245	45	150	15.23	24.9	8.44	-70	.650	15.67	.44	.416	
1250	50	150	15.29	25.0	8.44	-69	.650	15.67	.45	.416	
	55										
	60										
	65										
	70										

Number and Type of Bottle	Analytical Parameter	Preservative	Collected
2 Amber	SVOC	NONE	Yes
3 VOA	VOC	hydrochloric acid	Yes
1 plastic	total cyanide	Sodium hydroxide	Yes

Color: Clear

Odor: none

Well Condition: GOOD

Purge Water Disposal: DRUM

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NYSEG Mechanicville MGP

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Project Number: 30193939

Date: 10-15-25

Sampling Time: 1055

Weather: cloudy 54°F

Task: 4

Well ID: MW-36D

Well Headspace PID: 0.0

Sampled By: A. Miller

Coded Replicate No.: BD — (20251015)

Replicate Type (circle one): (Duplicate) MS/MSD

Instrument Identification

Serial #: PID NA

Water Quality Meter(s) FA05240

Purging Information

Casing Material: PVC

Casing Diameter: 4 in

Total Depth: 161.34 ft

Depth to Product: NA ft

Depth to Water: 10.88 ft

Water Column: 150.46 ft

Gallons in Well: 97.799 gal

Purge Method: (circle one) Submersible Centrifugal Bladder → peristaltic pump

Screen Interval: From: 140' To: 161'

Pump Intake Setting: 145'

Total Volume Purged: 2.75 gal + sample volume

Pump on: 0930 Off: 1122

Field Parameter Measurements Taken During Purging

Time	Minutes Elapsed	Rate (ml/min)	Depth to Water	Turbidity (NTUs)	pH (SI Units)	ORP (mV)	Conductivity (MS/cm)3	Temp (°C)	DO (mg/L)	TDS (mg/L)	Comments
Stabilization Range			<0.3 ft.	10% if >1	+/- 0.1	+/- 10	3%	3%	10%		
0931	0	150	11.12	12.0	6.73	92	1.06	14.95	6.49	0.679	
0936	5	150	11.48	3.2	7.22	-113	1.17	14.67	4.37	0.748	
0941	10	150	11.79	2.5	7.47	-137	1.20	14.81	2.92	0.769	
0946	15	100	12.02	2.7	7.64	-146	1.20	15.08	2.06	0.772	
0951	20	100	12.24	2.8	7.73	-152	1.21	15.12	1.87	0.776	
0956	25	100	12.54	2.5	7.80	-160	1.23	14.88	1.36	0.790	
1001	30	100	12.81	2.2	7.85	-163	1.23	14.88	1.15	0.790	
1006	35	100	12.97	2.3	7.91	-168	1.23	15.07	1.02	0.787	
1011	40	100	13.18	2.2	7.95	-170	1.23	15.05	0.92	0.785	
1016	45	100	13.39	2.0	7.99	-172	1.23	15.04	0.84	0.786	
1021	50	100	13.58	1.9	8.01	-173	1.23	14.97	0.85	0.786	
1026	55	100	13.84	1.82	8.05	-176	1.23	14.74	0.78	0.785	
1031	60	100	14.05	1.3	8.06	-176	1.22	14.83	0.70	0.783	
1036	65	100	14.23	1.3	8.11	-179	1.23	14.83	0.70	0.784	
	70										

Number and Type of Bottle	Analytical Parameter	Preservative	Collected
2 / 125 plastic	9012B		Yes 10-15-25
4 / 1L Amber	8270D	None	Yes 10-15-25
6 / 40 VOA	8260C TCL VOCs	HCl	Yes 10-15-25

Color: None

Odor: None

Well Condition: Fair

Purge Water Disposal: 55 gallon drum

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Project Number: 30193939
Date: 10-14-25
Sampling Time: 1610
Weather: Mostly Cloudy 61°F

Task: 4
Well ID: MW-38I
Well Headspace PID: 0.0
Sampled By: A. Miller
Coded Replicate No.: NA
Replicate Type (circle one): Duplicate MS/MSD

Instrument Identification
Serial #: PID NA
Water Quality Meter(s) FA05240

Purging Information
Casing Material: PVC
Casing Diameter: 4 in
Total Depth: 101.68 ft
Depth to Product: NA ft
Depth to Water: 5.88 ft
Water Column: 95.8 ft
Gallons in Well: ~~[illegible]~~ 62.27 gal

Purge Method: (circle one) Submersible Centrifugal Bladder ~~peristatic pump~~
Screen Interval: From: 90 To: 120
Pump Intake Setting: ~~[illegible]~~ 91
Total Volume Purged: ~~[illegible]~~ 7 gallons + sample volume
Pump on: 1449 Off: 1615

Field Parameter Measurements Taken During Purging

Time	Minutes Elapsed	Rate (ml/min)	Depth to Water	Turbidity (NTUs)	pH (SI Units)	ORP (mV)	Conductivity (MS/cm)3	Temp (°C)	DO (mg/L)	TDS (mg/L)	Comments
Stabilization Range			<0.3 ft.	10% if >1	+/- 0.1	+/- 10	3%	3%	10%		
1450	0	350	5.88	12.9	7.95	-122	0.274	17.38	3.83	0.180	Sulphur odor
1455	5	350	5.89	3.1	7.40	-136	0.224	15.46	2.01	0.146	
1500	10	350	5.90	2.2	7.28	-143	0.226	15.34	1.55	0.147	
1505	15	350	5.91	3.3	7.26	-148	0.237	15.36	1.22	0.153	
1510	20	350	5.92	3.2	7.21	-151	0.244	15.22	1.02	0.159	
1515	25	350	5.92	3.1	7.22	-155	0.256	15.16	0.88	0.166	
1520	30	350	5.92	3.2	7.22	-157	0.264	15.08	0.77	0.172	
1525	35	350	5.95	3.1	7.25	-160	0.280	15.01	0.71	0.182	
1530	40	350	5.95	3.0	7.27	-162	0.298	14.99	0.66	0.189	
1535	45	350	5.96	3.0	7.31	-165	0.305	14.97	0.62	0.199	
1540	50	350	5.96	3.0	7.34	-167	0.339	14.98	0.61	0.219	
1545	55	350	5.96	3.2	7.40	-169	0.356	14.92	0.59	0.241	
1550	60	350	5.98	3.3	7.44	-170	0.385	14.90	0.56	0.253	
1555	65	350	5.98	3.2	7.47	-169	0.392	14.84	0.53	0.255	
1600	70	350	5.99	3.2	7.45	-168	0.396	14.82	0.51	0.260	

Number and Type of Bottle	Analytical Parameter	Preservative	Collected
1/125 plastic	9012B Cyanide Total	sodium hydroxide	Yes 10-14-25
2/1L Amber	8270D TCL SVOCs	None	Yes 10-14-25
3/40 VOA	8260C TCL VOCs	HCL	Yes 10-14-25

Color: Yellow tint
Odor: Mild - Sulphur
Well Condition: Good
Purge Water Disposal: 55 gallon drum

4" = 0.65

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Well ID: MW-38D

Project Number: 30193939
Date: 10-14-25
Sampling Time: 1350
Weather: Mostly cloudy 60°F

Task: 4
Well Headspace PID: 0.0
Sampled By: A. Miller
Coded Replicate No.: NA
Replicate Type (circle one): Duplicate (MS/MSD)

Instrument Identification
Serial #: PID NA
Water Quality Meter(s) FA05240

Purging Information
Casing Material: PVC
Casing Diameter: 4 in
Total Depth: 171.81 ft
Depth to Product: NA ft
Depth to Water: 5.91 ft
Water Column: 165.9 ft
Gallons in Well: ~~Volume~~ 107.835 gal

Purge Method: (circle one) (Submersible) peristaltic Centrifugal Bladder
Screen Interval: From: 150 To: 170
Pump Intake Setting: 160
Total Volume Purged: 5 gallons + sample volume
Pump on: ~~0900~~ 1242 Off: 1413

Field Parameter Measurements Taken During Purging

Time	Minutes Elapsed	Rate (ml/min)	Depth to Water	Turbidity (NTUs)	pH (SI Units)	ORP (mV)	Conductivity (MS/cm)3	Temp (°C)	DO (mg/L)	TDS (mg/L)	Comments
Stabilization Range			<0.3 ft.	10% if >1	+/- 0.1	+/- 10	3%	3%	10%		
1245	0	250	5.89	3.8	6.63	-8	1.21	16.55	4.32	0.819	
1250	5	250	5.92	0.0	7.72	-140	2.24	15.72	2.25	1.43	
1255	10	250	5.93	0.0	7.79	-157	2.31	15.37	1.82	1.48	
1300	15	250	5.94	0.0	7.82	-161	2.36	15.32	1.54	1.51	
1305	20	250	5.95	0.0	7.80	-155	2.40	15.37	1.28	1.55	
1310	25	250	5.96	0.0	7.77	-154	2.43	15.32	1.13	1.55	
1315	30	250	5.97	0.0	7.73	-146	2.43	15.15	1.01	1.56	
1320	35	250	5.98	0.0	7.77	-145	2.43	15.16	0.89	1.55	
1325	40	250	5.99	0.0	7.76	-144	2.43	15.17	0.82	1.56	
1330	45	250	5.99	0.0	7.78	-143	2.44	15.16	0.81	1.56	
	50										
	55										
	60										
	65										
	70										

Number and Type of Bottle	Analytical Parameter	Preservative	Collected
3 / 125 plastic	9012B Cyanide Total	Sodium Hydroxide	Yes 10-14-25
6 / 1L Amber	8270D TCL SVOCs	None	Yes 10-14-25
9 / 40 VOA	8260C TCL VOCs	HCl	Yes 10-14-25

Color: None
Odor: None

Well Condition: Good
Purge Water Disposal: 55 gallon drum

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NYSEG Mechanicville MGP

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Well ID: MW-39D

Project Number: 30193939

Date: 10-14-25

Sampling Time: 1750

Weather: Mostly cloudy 62°F

Task: 4

Sampled By: A. Miller

Well Headspace PID: 0.0

Coded Replicate No.: NA

Replicate Type (circle one): Duplicate MS/MSD

Instrument Identification

Serial #: | PID NA | Water Quality Meter(s) FA05240

Purging Information

Casing Material: PVC

Casing Diameter: 4 in

Total Depth: 145.81 ft

Depth to Product: NA ft

Depth to Water: 15.45 ft

Water Column: 130.36 ft

Gallons in Well: 84.734 gal

Purge Method: (circle one) Submersible Centrifugal Bladder

Screen Interval: From: 130.4 To: 150.4

Pump Intake Setting: 140

Total Volume Purged: 2.5 gallons + sample volume

Pump on: 1649 Off: 1804

Field Parameter Measurements Taken During Purging

Time	Minutes Elapsed	Rate (ml/min)	Depth to Water	Turbidity (NTUs)	pH (SI Units)	ORP (mV)	Conductivity (MS/cm)3	Temp (°C)	DO (mg/L)	TDS (mg/L)	Comments
	Stabilization Range		<0.3 ft.	10% if >1	+/- 0.1	+/- 10	3%	3%	10%		
1650	0	150	15.58	5.7	7.77	-106	1.11	16.47	8.63	0.707	
1655	5	150	16.12	1.1	7.69	-143	1.13	16.52	5.94	0.721	
1700	10	150	16.27	1.1	7.70	-150	1.13	16.67	7.39	0.722	
1705	15	150	16.54	1.0	7.72	-161	1.13	16.62	6.05	0.726	
1710	20	150	16.75	1.0	7.73	-167	1.13	16.77	5.75	0.725	
1715	25	150	17.00	0.6	7.75	-173	1.13	16.55	5.02	0.726	
1720	30	150	17.20	0.5	7.76	-176	1.13	16.54	4.50	0.726	
1725	35	150	17.40	0.4	7.78	-179	1.14	16.38	3.95	0.727	
1730	40	150	17.60	0.3	7.80	-182	1.14	16.32	3.55	0.727	
1735	45	150	17.75	0.3	7.80	-183	1.14	16.35	3.31	0.727	
1740	50	150	17.90	0.2	7.80	-184	1.14	16.39	3.20	0.727	
	55										
	60										
	65										
	70										

Number and Type of Bottle	Analytical Parameter	Preservative	Collected
1/125 plastic	9012B Cyanide Total	Sodium Hydroxide	Yes 10-14-25
2/1L Amber	8270D TCL SVOCs	None	Yes 10-14-25
3/40 VOA	8260C TCL VOCs	HCl	Yes 10-14-25

Color: None

Odor: Slight

Well Condition: cap-lid needs to be replaced

Purge Water Disposal: 55 gallon drum

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Well ID: 46R

Project Number: 30193939

Date: 10/14

Sampling Time: 1235

Weather: 54° F

Task: 4

Well Headspace PID:

Sampled By: AF

Coded Replicate No.:

Replicate Type (circle one): Duplicate MS/MSD

Instrument Identification

Serial #:	PID	Water Quality Meter(s)

Purging Information

Casing Material: PVC

Casing Diameter: 6 in

Total Depth: 70.49 ft

Depth to Product: N/A ft

Depth to Water: 11.62 ft

Water Column: 58.87 ft

Gallons in Well: 86.5 gal

Purge Method: (circle one) Submersible Centrifugal Bladder

Screen Interval: From: 16.5 To: 75

Pump Intake Setting: ~50'

Total Volume Purged: 1.5 gal

Pump on: 1200 Off: 1255

Field Parameter Measurements Taken During Purging

Time	Minutes Elapsed	Rate (ml/min)	Depth to Water	Turbidity (NTUs)	pH (SI Units)	ORP (mV)	Conductivity (MS/cm)3	Temp (°C)	DO (mg/L)	TDS (mg/L)	Comments
	Stabilization Range		<0.3 ft.	10% if >1	+/- 0.1	+/- 10	3%	3%	10%		
1200	0	300	11.56	6.9	6.95	-85	2.42	17.13	0.38	1.57	
1205	5	160	11.61	4.1	6.88	-79	2.56	17.53	0.28	1.65	
1210	10	160	11.61	4.4	6.88	-81	2.59	17.61	0.29	1.66	
1215	15	160	11.63	3.0	6.88	-85	2.60	17.64	0.28	1.66	
1220	20	160	11.69	3.1	6.89	-89	2.61	17.65	0.26	1.67	
1225	25	160	11.69	3.0	6.89	-89	2.61	17.67	0.26	1.67	
1230	30	160	11.70	2.8	6.89	-90	2.62	17.65	0.29	1.67	
	35										
	40										
	45										
	50										
	55										
	60										
	65										
	70										

Number and Type of Bottle	Analytical Parameter	Preservative	Collected
2 Amber	SVOC	None	y
3 VOA	VOC	Hydrochloric acid	y
1 Plastic	total cyanide	Sodium hydroxide	y

Color: clear

Odor: slight sulfur

Well Condition: GOOD

Purge Water Disposal: DRUM

Appendix E

Laboratory Report

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Ryan Merrell
Arcadis US Inc
One Lincoln Center
110 West Fayette St, Suite 200
Syracuse, New York 13202

Generated 10/28/2025 5:09:42 AM

JOB DESCRIPTION

NYSEG Mechanicville Project

JOB NUMBER

480-233645-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

my EOL

Job Notes

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Definitions/Glossary

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
E	Result exceeded calibration range.
ES	The analyte response has saturated the instrument detector. The reported concentration is likely to have a low bias and should be considered a minimum possible concentration.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
B	Compound was found in the blank and sample.
E	Result exceeded calibration range.
ES	The analyte response has saturated the instrument detector. The reported concentration is likely to have a low bias and should be considered a minimum possible concentration.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
480-233645-1

Receipt
The samples were received on 10/16/2025 9:45 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 2.0º C, 2.2º C, 2.6º C, 3.1º C and 3.4º C.

GC/MS VOA
Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: TW-2S (480-233645-1). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method 8270D LL: The following samples were diluted due to the nature of the sample matrix: TW-2S (480-233645-1), MW-2 (480-233645-2), MW-2I (480-233645-3), MW-17 (480-233645-4), MW-17D (480-233645-6), MW-38I (480-233645-10), MW-38D (480-233645-11), MW-38D (480-233645-11[MS]) and MW-38D (480-233645-11[MSD]). Elevated reporting limits (RLs) are provided.

Method 8270D LL: The continuing calibration verification (CCV) analyzed in batch 480-760203 was outside the method criteria for the following analyte(s): Phenol-d5 and 2-Fluorophenol. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270D LL: Surrogate recovery for the following samples were outside control limits: TW-2S (480-233645-1) and MW-20D (480-233645-7). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8270D LL: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: MW-38I (480-233645-10). These results have been reported and qualified.

Method 8270D LL: The laboratory control sample (LCS) for preparation batch 480-760082 and analytical batch 480-760203 recovered outside control limits for the following analyte(s): Caprolactam. Caprolactam has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed.

Method 8270D LL: The continuing calibration verification (CCV) associated with batch 480-760203 recovered above the upper control limit for Atrazine and Hexachlorobutadiene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are:TW-2S (480-233645-1), MW-2 (480-233645-2), MW-2I (480-233645-3), MW-17 (480-233645-4), MW-17I (480-233645-5), MW-17D (480-233645-6), MW-20D (480-233645-7), MW-36I (480-233645-8), MW-36D (480-233645-9) and MW-38I (480-233645-10).

Method 8270D LL: The continuing calibration verification (CCV) associated with batch 480-760203 recovered outside acceptance criteria, low biased, for bis (2-chloroisopropyl) ether, Carbazole, N-Nitrosodi-n-propylamine and Phenol. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

Method 8270D LL: The following sample was diluted due to the nature of the sample matrix: MW-39D (480-233645-12). Elevated reporting limits (RLs) are provided.

Method 8270D LL: The laboratory control sample (LCS) for preparation batch 480-760082 and analytical batch 480-760215 recovered outside control limits for the following analyte(s): Caprolactam. Caprolactam has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. The associated samples are:MW-39D (480-233645-12), MW-46I (480-233645-13), BD-20251015 (480-233645-14), EB-20251014 (480-233645-15) and EB-20251015 (480-233645-16).

Method 8270D LL: The continuing calibration verification (CCV) associated with batch 480-760215 recovered above the upper control limit for Atrazine and Hexachlorobutadiene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are:MW-39D (480-233645-12), MW-46I (480-233645-13), BD-20251015 (480-233645-14), EB-20251014 (480-233645-15) and EB-20251015 (480-233645-16).

Job ID: 480-233645-1 (Continued) Eurofins Buffalo

Method 8270D LL: The continuing calibration verification (CCV) associated with batch 480-760215 recovered outside acceptance criteria, low biased, for bis (2-chloroisopropyl) ether, 2-Nitroaniline and N-Nitrosodi-n-propylamine. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported. The associated samples are:MW-39D (480-233645-12), MW-46I (480-233645-13), BD-20251015 (480-233645-14), EB-20251014 (480-233645-15) and EB-20251015 (480-233645-16).

Method 8270D LL: The continuing calibration verification (CCV) analyzed in batch 480-760215 was outside the method criteria for the following analyte(s): Phenol-d5. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated. The associated samples are:MW-39D (480-233645-12), MW-46I (480-233645-13), BD-20251015 (480-233645-14), EB-20251014 (480-233645-15) and EB-20251015 (480-233645-16).

Methods 8270D, 8270D LL: The following sample was diluted to bring the concentration of target analytes within the calibration range: TW-2S (480-233645-1). Elevated reporting limits (RLs) are provided.

Method 8270D LL: The continuing calibration verification (CCV) analyzed in batch 480-760342 was outside the method criteria for the following analyte(s): Phenol-d5. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270D LL: The following sample was diluted due to the abundance of target analytes: TW-2S (480-233645-1). As such, surrogate recoveries are below the calibration range or are not reported, and elevated reporting limits (RLs) are provided.

Method 8270D LL: The laboratory control sample (LCS) for preparation batch 480-760082 and analytical batch 480-760342 recovered outside control limits for the following analyte(s): Caprolactam. Caprolactam has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed.

Method 8270D LL: The continuing calibration verification (CCV) associated with batch 480-760342 recovered above the upper control limit for Atrazine and Hexachlorobutadiene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:TW-2S (480-233645-1).

Method 8270D LL: The continuing calibration verification (CCV) associated with batch 480-760342 recovered outside acceptance criteria, low biased, for bis (2-chloroisopropyl) ether, 2-Nitroaniline, N-Nitrosodi-n-propylamine and Phenol. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
Method 3510C: Elevated reporting limits are provided for the following sample due to insufficient sample provided for preparation: EB-20251014 (480-233645-15).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: TW-2S — Lab Sample ID: 480-233645-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	640	E ES	1.0	0.41	ug/L	1		8260C	Total/NA
Ethylbenzene	380	E ES	1.0	0.74	ug/L	1		8260C	Total/NA
Isopropylbenzene	28		1.0	0.79	ug/L	1		8260C	Total/NA
Methylcyclohexane	0.21	J	1.0	0.16	ug/L	1		8260C	Total/NA
Toluene	25		1.0	0.51	ug/L	1		8260C	Total/NA
Xylenes, Total	170	E	2.0	0.66	ug/L	1		8260C	Total/NA
Benzene - DL	1300		50	21	ug/L	50		8260C	Total/NA
Chloroform - DL	18	J	50	17	ug/L	50		8260C	Total/NA
Ethylbenzene - DL	520		50	37	ug/L	50		8260C	Total/NA
Toluene - DL	26	J	50	26	ug/L	50		8260C	Total/NA
Xylenes, Total - DL	190		100	33	ug/L	50		8260C	Total/NA
Biphenyl	47	J	48	0.32	ug/L	10		8270D LL	Total/NA
2-Methylnaphthalene	16		4.8	0.50	ug/L	10		8270D LL	Total/NA
Acenaphthene	220	E	4.8	0.34	ug/L	10		8270D LL	Total/NA
Acenaphthylene	3.0		2.9	0.53	ug/L	10		8270D LL	Total/NA
Acetophenone	4.3	J B	48	0.95	ug/L	10		8270D LL	Total/NA
Anthracene	7.2		4.8	0.32	ug/L	10		8270D LL	Total/NA
Benzo(a)anthracene	0.33	J	2.9	0.32	ug/L	10		8270D LL	Total/NA
Benzo(b)fluoranthene	0.67	J	2.9	0.60	ug/L	10		8270D LL	Total/NA
Carbazole	4.5	J	48	0.75	ug/L	10		8270D LL	Total/NA
Dibenzofuran	8.5	J	48	0.57	ug/L	10		8270D LL	Total/NA
Fluoranthene	5.3		4.8	0.76	ug/L	10		8270D LL	Total/NA
Fluorene	51		4.8	0.55	ug/L	10		8270D LL	Total/NA
Naphthalene	820	ES E	9.5	0.61	ug/L	10		8270D LL	Total/NA
Phenanthrene	64		1.9	0.59	ug/L	10		8270D LL	Total/NA
Phenol	4.8	J	9.5	0.95	ug/L	10		8270D LL	Total/NA
Pyrene	5.6		4.8	0.72	ug/L	10		8270D LL	Total/NA
Biphenyl - DL	52	J	480	3.2	ug/L	100		8270D LL	Total/NA
2-Methylnaphthalene - DL	18	J	48	5.0	ug/L	100		8270D LL	Total/NA
Acenaphthene - DL	200		48	3.4	ug/L	100		8270D LL	Total/NA
Anthracene - DL	11	J	48	3.2	ug/L	100		8270D LL	Total/NA
Dibenzofuran - DL	9.0	J	480	5.7	ug/L	100		8270D LL	Total/NA
Fluorene - DL	53		48	5.5	ug/L	100		8270D LL	Total/NA
Naphthalene - DL	950		95	6.1	ug/L	100		8270D LL	Total/NA
Phenanthrene - DL	62		19	5.9	ug/L	100		8270D LL	Total/NA
Phenol - DL	11	J	95	9.5	ug/L	100		8270D LL	Total/NA
Cyanide, Total	0.0080	J	0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: MW-2 — Lab Sample ID: 480-233645-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo(b)fluoranthene	0.69	J	1.4	0.30	ug/L	5		8270D LL	Total/NA
Benzo(g,h,i)perylene	0.42	J	2.4	0.28	ug/L	5		8270D LL	Total/NA
Chrysene	0.45	J	2.4	0.36	ug/L	5		8270D LL	Total/NA
Fluoranthene	1.2	J	2.4	0.38	ug/L	5		8270D LL	Total/NA
Naphthalene	0.31	J	4.8	0.31	ug/L	5		8270D LL	Total/NA
Pyrene	0.72	J	2.4	0.37	ug/L	5		8270D LL	Total/NA

Client Sample ID: MW-2I — Lab Sample ID: 480-233645-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoranthene	0.42	J	2.4	0.38	ug/L	5		8270D LL	Total/NA

This Detection Summary does not include radiochemical test results.

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Detection Summary

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: MW-17 — Lab Sample ID: 480-233645-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.21	J	1.0	0.16	ug/L	1		8260C	Total/NA
Cyanide, Total	0.016		0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: MW-17I — Lab Sample ID: 480-233645-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diethyl phthalate	0.090	J	0.49	0.063	ug/L	1		8270D LL	Total/NA
Naphthalene	0.21	J	0.98	0.063	ug/L	1		8270D LL	Total/NA

Client Sample ID: MW-17D — Lab Sample ID: 480-233645-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diethyl phthalate	0.98	J	2.4	0.30	ug/L	5		8270D LL	Total/NA

Client Sample ID: MW-20D — Lab Sample ID: 480-233645-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Biphenyl	0.062	J	4.8	0.033	ug/L	1		8270D LL	Total/NA
Acenaphthene	0.087	J	0.48	0.035	ug/L	1		8270D LL	Total/NA
Diethyl phthalate	0.10	J	0.48	0.062	ug/L	1		8270D LL	Total/NA
Isophorone	0.12	J	0.48	0.049	ug/L	1		8270D LL	Total/NA
Naphthalene	0.084	J	0.96	0.062	ug/L	1		8270D LL	Total/NA

Client Sample ID: MW-36I — Lab Sample ID: 480-233645-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.077	J	0.48	0.034	ug/L	1		8270D LL	Total/NA
Anthracene	0.059	J	0.48	0.032	ug/L	1		8270D LL	Total/NA
Benzo(a)anthracene	0.064	J	0.29	0.032	ug/L	1		8270D LL	Total/NA
Fluoranthene	0.14	J	0.48	0.076	ug/L	1		8270D LL	Total/NA
Phenanthrene	0.10	J	0.19	0.059	ug/L	1		8270D LL	Total/NA
Pyrene	0.20	J	0.48	0.072	ug/L	1		8270D LL	Total/NA
Cyanide, Total	0.0057	J F1	0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: MW-36D — Lab Sample ID: 480-233645-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Caprolactam	0.31	J *-	4.8	0.21	ug/L	1		8270D LL	Total/NA
Isophorone	0.095	J	0.48	0.049	ug/L	1		8270D LL	Total/NA

Client Sample ID: MW-38I — Lab Sample ID: 480-233645-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Total	0.0049	J	0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: MW-38D — Lab Sample ID: 480-233645-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Total	0.0071	J F1	0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: MW-39D — Lab Sample ID: 480-233645-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Caprolactam	1.3	J *-	24	1.0	ug/L	5		8270D LL	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: MW-46I — Lab Sample ID: 480-233645-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	89		1.0	0.41	ug/L	1		8260C	Total/NA
Chlorobenzene	4.0		1.0	0.75	ug/L	1		8260C	Total/NA
Xylenes, Total	3.9		2.0	0.66	ug/L	1		8260C	Total/NA
Biphenyl	0.31	J	4.8	0.033	ug/L	1		8270D LL	Total/NA
2-Methylnaphthalene	0.12	J	0.48	0.050	ug/L	1		8270D LL	Total/NA
Acenaphthene	6.8		0.48	0.035	ug/L	1		8270D LL	Total/NA
Acenaphthylene	0.13	J	0.29	0.054	ug/L	1		8270D LL	Total/NA
Anthracene	0.19	J	0.48	0.033	ug/L	1		8270D LL	Total/NA
Carbazole	0.097	J	4.8	0.076	ug/L	1		8270D LL	Total/NA
Dibenzofuran	0.24	J	4.8	0.058	ug/L	1		8270D LL	Total/NA
Diethyl phthalate	0.10	J	0.48	0.062	ug/L	1		8270D LL	Total/NA
Fluoranthene	0.11	J	0.48	0.077	ug/L	1		8270D LL	Total/NA
Fluorene	2.0		0.48	0.056	ug/L	1		8270D LL	Total/NA
Naphthalene	1.8		0.96	0.062	ug/L	1		8270D LL	Total/NA
Phenanthrene	1.9		0.19	0.060	ug/L	1		8270D LL	Total/NA
Phenol	0.36	J	0.96	0.096	ug/L	1		8270D LL	Total/NA
Pyrene	0.16	J	0.48	0.073	ug/L	1		8270D LL	Total/NA
Cyanide, Total	0.0043	J	0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: BD-20251015 — Lab Sample ID: 480-233645-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Caprolactam	0.26	J *-	4.8	0.21	ug/L	1		8270D LL	Total/NA
Diethyl phthalate	0.076	J	0.48	0.061	ug/L	1		8270D LL	Total/NA
Cyanide, Total	0.0045	J	0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: EB-20251014 — Lab Sample ID: 480-233645-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.49	J B	1.0	0.34	ug/L	1		8260C	Total/NA

Client Sample ID: EB-20251015 — Lab Sample ID: 480-233645-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	2.1	J	10	1.3	ug/L	1		8260C	Total/NA
Acetone	10		10	3.0	ug/L	1		8260C	Total/NA
Acetophenone	0.14	J B	4.8	0.095	ug/L	1		8270D LL	Total/NA
Benzaldehyde	2.2	J	4.8	0.071	ug/L	1		8270D LL	Total/NA

Client Sample ID: TRIP BLANK-1 — Lab Sample ID: 480-233645-17

No Detections.

Client Sample ID: TRIP BLANK-2 — Lab Sample ID: 480-233645-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.48	J B	1.0	0.34	ug/L	1		8260C	Total/NA

Client Sample ID: TRIP BLANK-3 — Lab Sample ID: 480-233645-19

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: TW-2S
Lab Sample ID: 480-233645-1
Date Collected: 10/14/25 14:00
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/22/25 00:37	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 00:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/22/25 00:37	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/22/25 00:37	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/22/25 00:37	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/22/25 00:37	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/22/25 00:37	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/22/25 00:37	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/22/25 00:37	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/22/25 00:37	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 00:37	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/22/25 00:37	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/22/25 00:37	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/22/25 00:37	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/22/25 00:37	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/22/25 00:37	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/22/25 00:37	1
Acetone	10	U	10	3.0	ug/L			10/22/25 00:37	1
Benzene	**640**	**E ES**	1.0	0.41	ug/L			10/22/25 00:37	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/22/25 00:37	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/22/25 00:37	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/22/25 00:37	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/22/25 00:37	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/22/25 00:37	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/22/25 00:37	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/22/25 00:37	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/22/25 00:37	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/22/25 00:37	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/22/25 00:37	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/22/25 00:37	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/22/25 00:37	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/22/25 00:37	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/22/25 00:37	1
Ethylbenzene	**380**	**E ES**	1.0	0.74	ug/L			10/22/25 00:37	1
Isopropylbenzene	**28**		1.0	0.79	ug/L			10/22/25 00:37	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/22/25 00:37	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/22/25 00:37	1
Methylcyclohexane	**0.21**	**J**	1.0	0.16	ug/L			10/22/25 00:37	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/22/25 00:37	1
Styrene	1.0	U	1.0	0.73	ug/L			10/22/25 00:37	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/22/25 00:37	1
Toluene	**25**		1.0	0.51	ug/L			10/22/25 00:37	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/22/25 00:37	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/22/25 00:37	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/22/25 00:37	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/22/25 00:37	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/22/25 00:37	1
Xylenes, Total	**170**	**E**	2.0	0.66	ug/L			10/22/25 00:37	1

Client Sample ID: TW-2S
Lab Sample ID: 480-233645-1
Date Collected: 10/14/25 14:00
Matrix: Water
Date Received: 10/16/25 09:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		77 - 120		10/22/25 00:37	1
4-Bromofluorobenzene (Surr)	100		73 - 120		10/22/25 00:37	1
Dibromofluoromethane (Surr)	102		75 - 123		10/22/25 00:37	1
Toluene-d8 (Surr)	91		80 - 120		10/22/25 00:37	1

Method: SW846 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	50	U	50	41	ug/L			10/23/25 14:52	50
1,1,2,2-Tetrachloroethane	50	U	50	11	ug/L			10/23/25 14:52	50
1,1,2-Trichloro-1,2,2-trifluoroethane	50	U	50	16	ug/L			10/23/25 14:52	50
1,1,2-Trichloroethane	50	U	50	12	ug/L			10/23/25 14:52	50
1,1-Dichloroethane	50	U	50	19	ug/L			10/23/25 14:52	50
1,1-Dichloroethene	50	U	50	15	ug/L			10/23/25 14:52	50
1,2,4-Trichlorobenzene	50	U	50	21	ug/L			10/23/25 14:52	50
1,2-Dibromo-3-Chloropropane	50	U	50	20	ug/L			10/23/25 14:52	50
1,2-Dibromoethane	50	U	50	37	ug/L			10/23/25 14:52	50
1,2-Dichlorobenzene	50	U	50	40	ug/L			10/23/25 14:52	50
1,2-Dichloroethane	50	U	50	11	ug/L			10/23/25 14:52	50
1,2-Dichloropropane	50	U	50	36	ug/L			10/23/25 14:52	50
1,3-Dichlorobenzene	50	U	50	39	ug/L			10/23/25 14:52	50
1,4-Dichlorobenzene	50	U	50	42	ug/L			10/23/25 14:52	50
2-Butanone (MEK)	500	U	500	66	ug/L			10/23/25 14:52	50
2-Hexanone	250	U	250	62	ug/L			10/23/25 14:52	50
4-Methyl-2-pentanone (MIBK)	250	U	250	110	ug/L			10/23/25 14:52	50
Acetone	500	U	500	150	ug/L			10/23/25 14:52	50
Benzene	**1300**		50	21	ug/L			10/23/25 14:52	50
Bromodichloromethane	50	U	50	20	ug/L			10/23/25 14:52	50
Bromoform	50	U	50	13	ug/L			10/23/25 14:52	50
Bromomethane	50	U	50	35	ug/L			10/23/25 14:52	50
Carbon disulfide	50	U	50	9.5	ug/L			10/23/25 14:52	50
Carbon tetrachloride	50	U	50	14	ug/L			10/23/25 14:52	50
Chlorobenzene	50	U	50	38	ug/L			10/23/25 14:52	50
Chloroethane	50	U	50	16	ug/L			10/23/25 14:52	50
Chloroform	**18**	**J**	50	17	ug/L			10/23/25 14:52	50
Chloromethane	50	U	50	18	ug/L			10/23/25 14:52	50
cis-1,2-Dichloroethene	50	U	50	41	ug/L			10/23/25 14:52	50
cis-1,3-Dichloropropene	50	U	50	18	ug/L			10/23/25 14:52	50
Cyclohexane	50	U	50	9.0	ug/L			10/23/25 14:52	50
Dibromochloromethane	50	U	50	16	ug/L			10/23/25 14:52	50
Dichlorodifluoromethane	50	U	50	34	ug/L			10/23/25 14:52	50
Ethylbenzene	**520**		50	37	ug/L			10/23/25 14:52	50
Isopropylbenzene	50	U	50	40	ug/L			10/23/25 14:52	50
Methyl acetate	130	U	130	65	ug/L			10/23/25 14:52	50
Methyl tert-butyl ether	50	U	50	8.0	ug/L			10/23/25 14:52	50
Methylcyclohexane	50	U	50	8.0	ug/L			10/23/25 14:52	50
Methylene Chloride	50	U	50	22	ug/L			10/23/25 14:52	50
Styrene	50	U	50	37	ug/L			10/23/25 14:52	50
Tetrachloroethene	50	U	50	18	ug/L			10/23/25 14:52	50
Toluene	**26**	**J**	50	26	ug/L			10/23/25 14:52	50
trans-1,2-Dichloroethene	50	U	50	45	ug/L			10/23/25 14:52	50

Client Sample ID: TW-2S
Lab Sample ID: 480-233645-1
Date Collected: 10/14/25 14:00
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8260C - Volatile Organic Compounds by GC/MS - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	50	U	50	19	ug/L			10/23/25 14:52	50
Trichloroethene	50	U	50	23	ug/L			10/23/25 14:52	50
Trichlorofluoromethane	50	U	50	44	ug/L			10/23/25 14:52	50
Vinyl chloride	50	U	50	45	ug/L			10/23/25 14:52	50
Xylenes, Total	**190**		100	33	ug/L			10/23/25 14:52	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*77 - 120*		*10/23/25 14:52*	*50*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*		*10/23/25 14:52*	*50*
Dibromofluoromethane (Surr)	*94*		*75 - 123*		*10/23/25 14:52*	*50*
Toluene-d8 (Surr)	*89*		*80 - 120*		*10/23/25 14:52*	*50*

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	**47**	**J**	48	0.32	ug/L		10/20/25 09:28	10/21/25 17:51	10
bis (2-chloroisopropyl) ether	48	U	48	0.82	ug/L		10/20/25 09:28	10/21/25 17:51	10
2,4,5-Trichlorophenol	48	U	48	0.62	ug/L		10/20/25 09:28	10/21/25 17:51	10
2,4,6-Trichlorophenol	48	U	48	0.69	ug/L		10/20/25 09:28	10/21/25 17:51	10
2,4-Dichlorophenol	4.8	U	4.8	0.53	ug/L		10/20/25 09:28	10/21/25 17:51	10
2,4-Dimethylphenol	9.5	U	9.5	2.9	ug/L		10/20/25 09:28	10/21/25 17:51	10
2,4-Dinitrophenol	48	U	48	5.7	ug/L		10/20/25 09:28	10/21/25 17:51	10
2,4-Dinitrotoluene	48	U	48	0.32	ug/L		10/20/25 09:28	10/21/25 17:51	10
2,6-Dinitrotoluene	48	U	48	0.87	ug/L		10/20/25 09:28	10/21/25 17:51	10
2-Chloronaphthalene	4.8	U	4.8	0.63	ug/L		10/20/25 09:28	10/21/25 17:51	10
2-Chlorophenol	48	U	48	0.63	ug/L		10/20/25 09:28	10/21/25 17:51	10
2-Methylnaphthalene	**16**		4.8	0.50	ug/L		10/20/25 09:28	10/21/25 17:51	10
2-Methylphenol	9.5	U	9.5	1.3	ug/L		10/20/25 09:28	10/21/25 17:51	10
2-Nitroaniline	48	U	48	0.90	ug/L		10/20/25 09:28	10/21/25 17:51	10
2-Nitrophenol	48	U	48	0.59	ug/L		10/20/25 09:28	10/21/25 17:51	10
3,3'-Dichlorobenzidine	48	U	48	2.1	ug/L		10/20/25 09:28	10/21/25 17:51	10
3-Nitroaniline	48	U	48	1.2	ug/L		10/20/25 09:28	10/21/25 17:51	10
4,6-Dinitro-2-methylphenol	48	U	48	7.0	ug/L		10/20/25 09:28	10/21/25 17:51	10
4-Bromophenyl phenyl ether	48	U	48	0.87	ug/L		10/20/25 09:28	10/21/25 17:51	10
4-Chloro-3-methylphenol	48	U	48	0.50	ug/L		10/20/25 09:28	10/21/25 17:51	10
4-Chloroaniline	48	U	48	1.2	ug/L		10/20/25 09:28	10/21/25 17:51	10
4-Chlorophenyl phenyl ether	48	U	48	0.44	ug/L		10/20/25 09:28	10/21/25 17:51	10
4-Methylphenol	9.5	U	9.5	0.90	ug/L		10/20/25 09:28	10/21/25 17:51	10
4-Nitroaniline	48	U	48	0.24	ug/L		10/20/25 09:28	10/21/25 17:51	10
4-Nitrophenol	48	U	48	3.7	ug/L		10/20/25 09:28	10/21/25 17:51	10
Acenaphthene	**220**	**E**	4.8	0.34	ug/L		10/20/25 09:28	10/21/25 17:51	10
Acenaphthylene	**3.0**		2.9	0.53	ug/L		10/20/25 09:28	10/21/25 17:51	10
Acetophenone	**4.3**	**J B**	48	0.95	ug/L		10/20/25 09:28	10/21/25 17:51	10
Anthracene	**7.2**		4.8	0.32	ug/L		10/20/25 09:28	10/21/25 17:51	10
Atrazine	19	U	19	2.8	ug/L		10/20/25 09:28	10/21/25 17:51	10
Benzaldehyde	48	U	48	0.71	ug/L		10/20/25 09:28	10/21/25 17:51	10
Benzo(a)anthracene	**0.33**	**J**	2.9	0.32	ug/L		10/20/25 09:28	10/21/25 17:51	10
Benzo(a)pyrene	1.7	U	1.7	1.2	ug/L		10/20/25 09:28	10/21/25 17:51	10
Benzo(b)fluoranthene	**0.67**	**J**	2.9	0.60	ug/L		10/20/25 09:28	10/21/25 17:51	10
Benzo(g,h,i)perylene	4.8	U	4.8	0.55	ug/L		10/20/25 09:28	10/21/25 17:51	10
Benzo(k)fluoranthene	2.9	U	2.9	0.67	ug/L		10/20/25 09:28	10/21/25 17:51	10

Client Sample ID: TW-2S
Lab Sample ID: 480-233645-1
Date Collected: 10/14/25 14:00
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	48	U	48	0.61	ug/L		10/20/25 09:28	10/21/25 17:51	10
Bis(2-chloroethyl)ether	48	U	48	0.69	ug/L		10/20/25 09:28	10/21/25 17:51	10
Bis(2-ethylhexyl) phthalate	48	U	48	4.0	ug/L		10/20/25 09:28	10/21/25 17:51	10
Butyl benzyl phthalate	29	U	29	1.5	ug/L		10/20/25 09:28	10/21/25 17:51	10
Caprolactam	48	U *-	48	2.1	ug/L		10/20/25 09:28	10/21/25 17:51	10
Carbazole	**4.5**	**J**	48	0.75	ug/L		10/20/25 09:28	10/21/25 17:51	10
Chrysene	4.8	U	4.8	0.70	ug/L		10/20/25 09:28	10/21/25 17:51	10
Dibenz(a,h)anthracene	4.8	U	4.8	0.67	ug/L		10/20/25 09:28	10/21/25 17:51	10
Dibenzofuran	**8.5**	**J**	48	0.57	ug/L		10/20/25 09:28	10/21/25 17:51	10
Diethyl phthalate	4.8	U	4.8	0.61	ug/L		10/20/25 09:28	10/21/25 17:51	10
Dimethyl phthalate	4.8	U	4.8	0.54	ug/L		10/20/25 09:28	10/21/25 17:51	10
Di-n-butyl phthalate	19	U	19	3.3	ug/L		10/20/25 09:28	10/21/25 17:51	10
Di-n-octyl phthalate	48	U	48	1.9	ug/L		10/20/25 09:28	10/21/25 17:51	10
Fluoranthene	**5.3**		4.8	0.76	ug/L		10/20/25 09:28	10/21/25 17:51	10
Fluorene	**51**		4.8	0.55	ug/L		10/20/25 09:28	10/21/25 17:51	10
Hexachlorobenzene	4.8	U	4.8	2.1	ug/L		10/20/25 09:28	10/21/25 17:51	10
Hexachlorobutadiene	9.5	U	9.5	0.95	ug/L		10/20/25 09:28	10/21/25 17:51	10
Hexachlorocyclopentadiene	9.5	U	9.5	0.87	ug/L		10/20/25 09:28	10/21/25 17:51	10
Hexachloroethane	48	U	48	0.84	ug/L		10/20/25 09:28	10/21/25 17:51	10
Indeno(1,2,3-cd)pyrene	4.8	U	4.8	1.0	ug/L		10/20/25 09:28	10/21/25 17:51	10
Isophorone	4.8	U	4.8	0.49	ug/L		10/20/25 09:28	10/21/25 17:51	10
Naphthalene	**820**	**ES E**	9.5	0.61	ug/L		10/20/25 09:28	10/21/25 17:51	10
Nitrobenzene	4.8	U	4.8	0.62	ug/L		10/20/25 09:28	10/21/25 17:51	10
N-Nitrosodi-n-propylamine	48	U	48	0.57	ug/L		10/20/25 09:28	10/21/25 17:51	10
N-Nitrosodiphenylamine	48	U	48	0.67	ug/L		10/20/25 09:28	10/21/25 17:51	10
Pentachlorophenol	9.5	U	9.5	3.2	ug/L		10/20/25 09:28	10/21/25 17:51	10
Phenanthrene	**64**		1.9	0.59	ug/L		10/20/25 09:28	10/21/25 17:51	10
Phenol	**4.8**	**J**	9.5	0.95	ug/L		10/20/25 09:28	10/21/25 17:51	10
Pyrene	**5.6**		4.8	0.72	ug/L		10/20/25 09:28	10/21/25 17:51	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*0*	*S1-*	*26 - 120*	*10/20/25 09:28*	*10/21/25 17:51*	*10*
p-Terphenyl-d14	*83*		*64 - 127*	*10/20/25 09:28*	*10/21/25 17:51*	*10*
Phenol-d5	*30*		*11 - 120*	*10/20/25 09:28*	*10/21/25 17:51*	*10*
2-Fluorophenol	*0*	*S1-*	*10 - 120*	*10/20/25 09:28*	*10/21/25 17:51*	*10*
2,4,6-Tribromophenol	*115*		*24 - 146*	*10/20/25 09:28*	*10/21/25 17:51*	*10*
2-Fluorobiphenyl	*85*		*37 - 120*	*10/20/25 09:28*	*10/21/25 17:51*	*10*

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	**52**	**J**	480	3.2	ug/L		10/20/25 09:28	10/22/25 13:47	100
bis (2-chloroisopropyl) ether	480	U	480	8.2	ug/L		10/20/25 09:28	10/22/25 13:47	100
2,4,5-Trichlorophenol	480	U	480	6.2	ug/L		10/20/25 09:28	10/22/25 13:47	100
2,4,6-Trichlorophenol	480	U	480	6.9	ug/L		10/20/25 09:28	10/22/25 13:47	100
2,4-Dichlorophenol	48	U	48	5.3	ug/L		10/20/25 09:28	10/22/25 13:47	100
2,4-Dimethylphenol	95	U	95	29	ug/L		10/20/25 09:28	10/22/25 13:47	100
2,4-Dinitrophenol	480	U	480	57	ug/L		10/20/25 09:28	10/22/25 13:47	100
2,4-Dinitrotoluene	480	U	480	3.2	ug/L		10/20/25 09:28	10/22/25 13:47	100
2,6-Dinitrotoluene	480	U	480	8.7	ug/L		10/20/25 09:28	10/22/25 13:47	100
2-Chloronaphthalene	48	U	48	6.3	ug/L		10/20/25 09:28	10/22/25 13:47	100

Client Sample ID: TW-2S
Lab Sample ID: 480-233645-1
Date Collected: 10/14/25 14:00
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	480	U	480	6.3	ug/L		10/20/25 09:28	10/22/25 13:47	100
2-Methylnaphthalene	**18**	**J**	48	5.0	ug/L		10/20/25 09:28	10/22/25 13:47	100
2-Methylphenol	95	U	95	13	ug/L		10/20/25 09:28	10/22/25 13:47	100
2-Nitroaniline	480	U	480	9.0	ug/L		10/20/25 09:28	10/22/25 13:47	100
2-Nitrophenol	480	U	480	5.9	ug/L		10/20/25 09:28	10/22/25 13:47	100
3,3'-Dichlorobenzidine	480	U	480	21	ug/L		10/20/25 09:28	10/22/25 13:47	100
3-Nitroaniline	480	U	480	12	ug/L		10/20/25 09:28	10/22/25 13:47	100
4,6-Dinitro-2-methylphenol	480	U	480	70	ug/L		10/20/25 09:28	10/22/25 13:47	100
4-Bromophenyl phenyl ether	480	U	480	8.7	ug/L		10/20/25 09:28	10/22/25 13:47	100
4-Chloro-3-methylphenol	480	U	480	5.0	ug/L		10/20/25 09:28	10/22/25 13:47	100
4-Chloroaniline	480	U	480	12	ug/L		10/20/25 09:28	10/22/25 13:47	100
4-Chlorophenyl phenyl ether	480	U	480	4.4	ug/L		10/20/25 09:28	10/22/25 13:47	100
4-Methylphenol	95	U	95	9.0	ug/L		10/20/25 09:28	10/22/25 13:47	100
4-Nitroaniline	480	U	480	2.4	ug/L		10/20/25 09:28	10/22/25 13:47	100
4-Nitrophenol	480	U	480	37	ug/L		10/20/25 09:28	10/22/25 13:47	100
Acenaphthene	**200**		48	3.4	ug/L		10/20/25 09:28	10/22/25 13:47	100
Acenaphthylene	29	U	29	5.3	ug/L		10/20/25 09:28	10/22/25 13:47	100
Acetophenone	480	U	480	9.5	ug/L		10/20/25 09:28	10/22/25 13:47	100
Anthracene	**11**	**J**	48	3.2	ug/L		10/20/25 09:28	10/22/25 13:47	100
Atrazine	190	U	190	28	ug/L		10/20/25 09:28	10/22/25 13:47	100
Benzaldehyde	480	U	480	7.1	ug/L		10/20/25 09:28	10/22/25 13:47	100
Benzo(a)anthracene	29	U	29	3.2	ug/L		10/20/25 09:28	10/22/25 13:47	100
Benzo(a)pyrene	17	U	17	12	ug/L		10/20/25 09:28	10/22/25 13:47	100
Benzo(b)fluoranthene	29	U	29	6.0	ug/L		10/20/25 09:28	10/22/25 13:47	100
Benzo(g,h,i)perylene	48	U	48	5.5	ug/L		10/20/25 09:28	10/22/25 13:47	100
Benzo(k)fluoranthene	29	U	29	6.7	ug/L		10/20/25 09:28	10/22/25 13:47	100
Bis(2-chloroethoxy)methane	480	U	480	6.1	ug/L		10/20/25 09:28	10/22/25 13:47	100
Bis(2-chloroethyl)ether	480	U	480	6.9	ug/L		10/20/25 09:28	10/22/25 13:47	100
Bis(2-ethylhexyl) phthalate	480	U	480	40	ug/L		10/20/25 09:28	10/22/25 13:47	100
Butyl benzyl phthalate	290	U	290	15	ug/L		10/20/25 09:28	10/22/25 13:47	100
Caprolactam	480	U *-	480	21	ug/L		10/20/25 09:28	10/22/25 13:47	100
Carbazole	480	U	480	7.5	ug/L		10/20/25 09:28	10/22/25 13:47	100
Chrysene	48	U	48	7.0	ug/L		10/20/25 09:28	10/22/25 13:47	100
Dibenz(a,h)anthracene	48	U	48	6.7	ug/L		10/20/25 09:28	10/22/25 13:47	100
Dibenzofuran	**9.0**	**J**	480	5.7	ug/L		10/20/25 09:28	10/22/25 13:47	100
Diethyl phthalate	48	U	48	6.1	ug/L		10/20/25 09:28	10/22/25 13:47	100
Dimethyl phthalate	48	U	48	5.4	ug/L		10/20/25 09:28	10/22/25 13:47	100
Di-n-butyl phthalate	190	U	190	33	ug/L		10/20/25 09:28	10/22/25 13:47	100
Di-n-octyl phthalate	480	U	480	19	ug/L		10/20/25 09:28	10/22/25 13:47	100
Fluoranthene	48	U	48	7.6	ug/L		10/20/25 09:28	10/22/25 13:47	100
Fluorene	**53**		48	5.5	ug/L		10/20/25 09:28	10/22/25 13:47	100
Hexachlorobenzene	48	U	48	21	ug/L		10/20/25 09:28	10/22/25 13:47	100
Hexachlorobutadiene	95	U	95	9.5	ug/L		10/20/25 09:28	10/22/25 13:47	100
Hexachlorocyclopentadiene	95	U	95	8.7	ug/L		10/20/25 09:28	10/22/25 13:47	100
Hexachloroethane	480	U	480	8.4	ug/L		10/20/25 09:28	10/22/25 13:47	100
Indeno(1,2,3-cd)pyrene	48	U	48	10	ug/L		10/20/25 09:28	10/22/25 13:47	100
Isophorone	48	U	48	4.9	ug/L		10/20/25 09:28	10/22/25 13:47	100
Naphthalene	**950**		95	6.1	ug/L		10/20/25 09:28	10/22/25 13:47	100
Nitrobenzene	48	U	48	6.2	ug/L		10/20/25 09:28	10/22/25 13:47	100

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: TW-2S
Lab Sample ID: 480-233645-1
Date Collected: 10/14/25 14:00
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	480	U	480	5.7	ug/L		10/20/25 09:28	10/22/25 13:47	100
N-Nitrosodiphenylamine	480	U	480	6.7	ug/L		10/20/25 09:28	10/22/25 13:47	100
Pentachlorophenol	95	U	95	32	ug/L		10/20/25 09:28	10/22/25 13:47	100
Phenanthrene	**62**		19	5.9	ug/L		10/20/25 09:28	10/22/25 13:47	100
Phenol	**11**	**J**	95	9.5	ug/L		10/20/25 09:28	10/22/25 13:47	100
Pyrene	48	U	48	7.2	ug/L		10/20/25 09:28	10/22/25 13:47	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*0*	*S1-*	*26 - 120*	*10/20/25 09:28*	*10/22/25 13:47*	*100*
p-Terphenyl-d14	*82*		*64 - 127*	*10/20/25 09:28*	*10/22/25 13:47*	*100*
Phenol-d5	*0*	*S1-*	*11 - 120*	*10/20/25 09:28*	*10/22/25 13:47*	*100*
2-Fluorophenol	*0*	*S1-*	*10 - 120*	*10/20/25 09:28*	*10/22/25 13:47*	*100*
2,4,6-Tribromophenol	*0*	*S1-*	*24 - 146*	*10/20/25 09:28*	*10/22/25 13:47*	*100*
2-Fluorobiphenyl	*153*	*S1+*	*37 - 120*	*10/20/25 09:28*	*10/22/25 13:47*	*100*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.0080**	**J**	0.010	0.0041	mg/L			10/21/25 01:31	1

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: MW-2
Lab Sample ID: 480-233645-2
Date Collected: 10/14/25 09:45
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/22/25 01:01	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 01:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/22/25 01:01	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/22/25 01:01	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/22/25 01:01	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/22/25 01:01	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/22/25 01:01	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/22/25 01:01	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/22/25 01:01	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/22/25 01:01	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 01:01	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/22/25 01:01	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/22/25 01:01	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/22/25 01:01	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/22/25 01:01	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/22/25 01:01	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/22/25 01:01	1
Acetone	10	U	10	3.0	ug/L			10/22/25 01:01	1
Benzene	1.0	U	1.0	0.41	ug/L			10/22/25 01:01	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/22/25 01:01	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/22/25 01:01	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/22/25 01:01	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/22/25 01:01	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/22/25 01:01	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/22/25 01:01	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/22/25 01:01	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/22/25 01:01	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/22/25 01:01	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/22/25 01:01	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/22/25 01:01	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/22/25 01:01	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/22/25 01:01	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/22/25 01:01	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/22/25 01:01	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/22/25 01:01	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/22/25 01:01	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/22/25 01:01	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/22/25 01:01	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/22/25 01:01	1
Styrene	1.0	U	1.0	0.73	ug/L			10/22/25 01:01	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/22/25 01:01	1
Toluene	1.0	U	1.0	0.51	ug/L			10/22/25 01:01	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/22/25 01:01	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/22/25 01:01	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/22/25 01:01	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/22/25 01:01	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/22/25 01:01	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/22/25 01:01	1

Client Sample ID: MW-2
Lab Sample ID: 480-233645-2
Date Collected: 10/14/25 09:45
Matrix: Water
Date Received: 10/16/25 09:45

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*77 - 120*		*10/22/25 01:01*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*10/22/25 01:01*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*10/22/25 01:01*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*10/22/25 01:01*	*1*

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	24	U	24	0.16	ug/L		10/20/25 09:28	10/21/25 18:17	5
bis (2-chloroisopropyl) ether	24	U	24	0.41	ug/L		10/20/25 09:28	10/21/25 18:17	5
2,4,5-Trichlorophenol	24	U	24	0.31	ug/L		10/20/25 09:28	10/21/25 18:17	5
2,4,6-Trichlorophenol	24	U	24	0.35	ug/L		10/20/25 09:28	10/21/25 18:17	5
2,4-Dichlorophenol	2.4	U	2.4	0.27	ug/L		10/20/25 09:28	10/21/25 18:17	5
2,4-Dimethylphenol	4.8	U	4.8	1.4	ug/L		10/20/25 09:28	10/21/25 18:17	5
2,4-Dinitrophenol	24	U	24	2.9	ug/L		10/20/25 09:28	10/21/25 18:17	5
2,4-Dinitrotoluene	24	U	24	0.16	ug/L		10/20/25 09:28	10/21/25 18:17	5
2,6-Dinitrotoluene	24	U	24	0.44	ug/L		10/20/25 09:28	10/21/25 18:17	5
2-Chloronaphthalene	2.4	U	2.4	0.32	ug/L		10/20/25 09:28	10/21/25 18:17	5
2-Chlorophenol	24	U	24	0.32	ug/L		10/20/25 09:28	10/21/25 18:17	5
2-Methylnaphthalene	2.4	U	2.4	0.25	ug/L		10/20/25 09:28	10/21/25 18:17	5
2-Methylphenol	4.8	U	4.8	0.67	ug/L		10/20/25 09:28	10/21/25 18:17	5
2-Nitroaniline	24	U	24	0.46	ug/L		10/20/25 09:28	10/21/25 18:17	5
2-Nitrophenol	24	U	24	0.30	ug/L		10/20/25 09:28	10/21/25 18:17	5
3,3'-Dichlorobenzidine	24	U	24	1.1	ug/L		10/20/25 09:28	10/21/25 18:17	5
3-Nitroaniline	24	U	24	0.63	ug/L		10/20/25 09:28	10/21/25 18:17	5
4,6-Dinitro-2-methylphenol	24	U	24	3.6	ug/L		10/20/25 09:28	10/21/25 18:17	5
4-Bromophenyl phenyl ether	24	U	24	0.44	ug/L		10/20/25 09:28	10/21/25 18:17	5
4-Chloro-3-methylphenol	24	U	24	0.25	ug/L		10/20/25 09:28	10/21/25 18:17	5
4-Chloroaniline	24	U	24	0.63	ug/L		10/20/25 09:28	10/21/25 18:17	5
4-Chlorophenyl phenyl ether	24	U	24	0.22	ug/L		10/20/25 09:28	10/21/25 18:17	5
4-Methylphenol	4.8	U	4.8	0.45	ug/L		10/20/25 09:28	10/21/25 18:17	5
4-Nitroaniline	24	U	24	0.12	ug/L		10/20/25 09:28	10/21/25 18:17	5
4-Nitrophenol	24	U	24	1.9	ug/L		10/20/25 09:28	10/21/25 18:17	5
Acenaphthene	2.4	U	2.4	0.17	ug/L		10/20/25 09:28	10/21/25 18:17	5
Acenaphthylene	1.4	U	1.4	0.27	ug/L		10/20/25 09:28	10/21/25 18:17	5
Acetophenone	24	U	24	0.48	ug/L		10/20/25 09:28	10/21/25 18:17	5
Anthracene	2.4	U	2.4	0.16	ug/L		10/20/25 09:28	10/21/25 18:17	5
Atrazine	9.6	U	9.6	1.4	ug/L		10/20/25 09:28	10/21/25 18:17	5
Benzaldehyde	24	U	24	0.36	ug/L		10/20/25 09:28	10/21/25 18:17	5
Benzo(a)anthracene	1.4	U	1.4	0.16	ug/L		10/20/25 09:28	10/21/25 18:17	5
Benzo(a)pyrene	0.87	U	0.87	0.63	ug/L		10/20/25 09:28	10/21/25 18:17	5
Benzo(b)fluoranthene	**0.69**	**J**	1.4	0.30	ug/L		10/20/25 09:28	10/21/25 18:17	5
Benzo(g,h,i)perylene	**0.42**	**J**	2.4	0.28	ug/L		10/20/25 09:28	10/21/25 18:17	5
Benzo(k)fluoranthene	1.4	U	1.4	0.34	ug/L		10/20/25 09:28	10/21/25 18:17	5
Bis(2-chloroethoxy)methane	24	U	24	0.31	ug/L		10/20/25 09:28	10/21/25 18:17	5
Bis(2-chloroethyl)ether	24	U	24	0.35	ug/L		10/20/25 09:28	10/21/25 18:17	5
Bis(2-ethylhexyl) phthalate	24	U	24	2.0	ug/L		10/20/25 09:28	10/21/25 18:17	5
Butyl benzyl phthalate	14	U	14	0.77	ug/L		10/20/25 09:28	10/21/25 18:17	5
Caprolactam	24	U *-	24	1.1	ug/L		10/20/25 09:28	10/21/25 18:17	5
Carbazole	24	U	24	0.38	ug/L		10/20/25 09:28	10/21/25 18:17	5
Chrysene	**0.45**	**J**	2.4	0.36	ug/L		10/20/25 09:28	10/21/25 18:17	5

Client Sample ID: MW-2
Lab Sample ID: 480-233645-2
Date Collected: 10/14/25 09:45
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	2.4	U	2.4	0.34	ug/L		10/20/25 09:28	10/21/25 18:17	5
Dibenzofuran	24	U	24	0.29	ug/L		10/20/25 09:28	10/21/25 18:17	5
Diethyl phthalate	2.4	U	2.4	0.31	ug/L		10/20/25 09:28	10/21/25 18:17	5
Dimethyl phthalate	2.4	U	2.4	0.27	ug/L		10/20/25 09:28	10/21/25 18:17	5
Di-n-butyl phthalate	9.6	U	9.6	1.7	ug/L		10/20/25 09:28	10/21/25 18:17	5
Di-n-octyl phthalate	24	U	24	0.96	ug/L		10/20/25 09:28	10/21/25 18:17	5
Fluoranthene	**1.2**	**J**	2.4	0.38	ug/L		10/20/25 09:28	10/21/25 18:17	5
Fluorene	2.4	U	2.4	0.28	ug/L		10/20/25 09:28	10/21/25 18:17	5
Hexachlorobenzene	2.4	U	2.4	1.1	ug/L		10/20/25 09:28	10/21/25 18:17	5
Hexachlorobutadiene	4.8	U	4.8	0.48	ug/L		10/20/25 09:28	10/21/25 18:17	5
Hexachlorocyclopentadiene	4.8	U	4.8	0.44	ug/L		10/20/25 09:28	10/21/25 18:17	5
Hexachloroethane	24	U	24	0.42	ug/L		10/20/25 09:28	10/21/25 18:17	5
Indeno(1,2,3-cd)pyrene	2.4	U	2.4	0.53	ug/L		10/20/25 09:28	10/21/25 18:17	5
Isophorone	2.4	U	2.4	0.25	ug/L		10/20/25 09:28	10/21/25 18:17	5
Naphthalene	**0.31**	**J**	4.8	0.31	ug/L		10/20/25 09:28	10/21/25 18:17	5
Nitrobenzene	2.4	U	2.4	0.31	ug/L		10/20/25 09:28	10/21/25 18:17	5
N-Nitrosodi-n-propylamine	24	U	24	0.29	ug/L		10/20/25 09:28	10/21/25 18:17	5
N-Nitrosodiphenylamine	24	U	24	0.34	ug/L		10/20/25 09:28	10/21/25 18:17	5
Pentachlorophenol	4.8	U	4.8	1.6	ug/L		10/20/25 09:28	10/21/25 18:17	5
Phenanthrene	0.96	U	0.96	0.30	ug/L		10/20/25 09:28	10/21/25 18:17	5
Phenol	4.8	U	4.8	0.48	ug/L		10/20/25 09:28	10/21/25 18:17	5
Pyrene	**0.72**	**J**	2.4	0.37	ug/L		10/20/25 09:28	10/21/25 18:17	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*68*		*26 - 120*	*10/20/25 09:28*	*10/21/25 18:17*	*5*
p-Terphenyl-d14	*89*		*64 - 127*	*10/20/25 09:28*	*10/21/25 18:17*	*5*
Phenol-d5	*30*		*11 - 120*	*10/20/25 09:28*	*10/21/25 18:17*	*5*
2-Fluorophenol	*43*		*10 - 120*	*10/20/25 09:28*	*10/21/25 18:17*	*5*
2,4,6-Tribromophenol	*92*		*24 - 146*	*10/20/25 09:28*	*10/21/25 18:17*	*5*
2-Fluorobiphenyl	*88*		*37 - 120*	*10/20/25 09:28*	*10/21/25 18:17*	*5*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.010	U	0.010	0.0041	mg/L			10/21/25 01:34	1

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: MW-2I
Lab Sample ID: 480-233645-3
Date Collected: 10/14/25 11:10
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/22/25 01:25	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 01:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/22/25 01:25	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/22/25 01:25	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/22/25 01:25	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/22/25 01:25	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/22/25 01:25	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/22/25 01:25	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/22/25 01:25	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/22/25 01:25	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 01:25	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/22/25 01:25	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/22/25 01:25	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/22/25 01:25	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/22/25 01:25	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/22/25 01:25	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/22/25 01:25	1
Acetone	10	U	10	3.0	ug/L			10/22/25 01:25	1
Benzene	1.0	U	1.0	0.41	ug/L			10/22/25 01:25	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/22/25 01:25	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/22/25 01:25	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/22/25 01:25	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/22/25 01:25	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/22/25 01:25	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/22/25 01:25	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/22/25 01:25	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/22/25 01:25	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/22/25 01:25	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/22/25 01:25	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/22/25 01:25	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/22/25 01:25	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/22/25 01:25	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/22/25 01:25	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/22/25 01:25	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/22/25 01:25	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/22/25 01:25	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/22/25 01:25	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/22/25 01:25	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/22/25 01:25	1
Styrene	1.0	U	1.0	0.73	ug/L			10/22/25 01:25	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/22/25 01:25	1
Toluene	1.0	U	1.0	0.51	ug/L			10/22/25 01:25	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/22/25 01:25	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/22/25 01:25	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/22/25 01:25	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/22/25 01:25	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/22/25 01:25	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/22/25 01:25	1

Client Sample ID: MW-2I
Lab Sample ID: 480-233645-3
Date Collected: 10/14/25 11:10
Matrix: Water
Date Received: 10/16/25 09:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*90*		*77 - 120*		*10/22/25 01:25*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*10/22/25 01:25*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 123*		*10/22/25 01:25*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*10/22/25 01:25*	*1*

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	24	U	24	0.16	ug/L		10/20/25 09:28	10/21/25 18:43	5
bis (2-chloroisopropyl) ether	24	U	24	0.41	ug/L		10/20/25 09:28	10/21/25 18:43	5
2,4,5-Trichlorophenol	24	U	24	0.31	ug/L		10/20/25 09:28	10/21/25 18:43	5
2,4,6-Trichlorophenol	24	U	24	0.35	ug/L		10/20/25 09:28	10/21/25 18:43	5
2,4-Dichlorophenol	2.4	U	2.4	0.27	ug/L		10/20/25 09:28	10/21/25 18:43	5
2,4-Dimethylphenol	4.8	U	4.8	1.4	ug/L		10/20/25 09:28	10/21/25 18:43	5
2,4-Dinitrophenol	24	U	24	2.9	ug/L		10/20/25 09:28	10/21/25 18:43	5
2,4-Dinitrotoluene	24	U	24	0.16	ug/L		10/20/25 09:28	10/21/25 18:43	5
2,6-Dinitrotoluene	24	U	24	0.44	ug/L		10/20/25 09:28	10/21/25 18:43	5
2-Chloronaphthalene	2.4	U	2.4	0.32	ug/L		10/20/25 09:28	10/21/25 18:43	5
2-Chlorophenol	24	U	24	0.32	ug/L		10/20/25 09:28	10/21/25 18:43	5
2-Methylnaphthalene	2.4	U	2.4	0.25	ug/L		10/20/25 09:28	10/21/25 18:43	5
2-Methylphenol	4.8	U	4.8	0.67	ug/L		10/20/25 09:28	10/21/25 18:43	5
2-Nitroaniline	24	U	24	0.46	ug/L		10/20/25 09:28	10/21/25 18:43	5
2-Nitrophenol	24	U	24	0.30	ug/L		10/20/25 09:28	10/21/25 18:43	5
3,3'-Dichlorobenzidine	24	U	24	1.1	ug/L		10/20/25 09:28	10/21/25 18:43	5
3-Nitroaniline	24	U	24	0.63	ug/L		10/20/25 09:28	10/21/25 18:43	5
4,6-Dinitro-2-methylphenol	24	U	24	3.6	ug/L		10/20/25 09:28	10/21/25 18:43	5
4-Bromophenyl phenyl ether	24	U	24	0.44	ug/L		10/20/25 09:28	10/21/25 18:43	5
4-Chloro-3-methylphenol	24	U	24	0.25	ug/L		10/20/25 09:28	10/21/25 18:43	5
4-Chloroaniline	24	U	24	0.63	ug/L		10/20/25 09:28	10/21/25 18:43	5
4-Chlorophenyl phenyl ether	24	U	24	0.22	ug/L		10/20/25 09:28	10/21/25 18:43	5
4-Methylphenol	4.8	U	4.8	0.45	ug/L		10/20/25 09:28	10/21/25 18:43	5
4-Nitroaniline	24	U	24	0.12	ug/L		10/20/25 09:28	10/21/25 18:43	5
4-Nitrophenol	24	U	24	1.9	ug/L		10/20/25 09:28	10/21/25 18:43	5
Acenaphthene	2.4	U	2.4	0.17	ug/L		10/20/25 09:28	10/21/25 18:43	5
Acenaphthylene	1.4	U	1.4	0.27	ug/L		10/20/25 09:28	10/21/25 18:43	5
Acetophenone	24	U	24	0.48	ug/L		10/20/25 09:28	10/21/25 18:43	5
Anthracene	2.4	U	2.4	0.16	ug/L		10/20/25 09:28	10/21/25 18:43	5
Atrazine	9.6	U	9.6	1.4	ug/L		10/20/25 09:28	10/21/25 18:43	5
Benzaldehyde	24	U	24	0.36	ug/L		10/20/25 09:28	10/21/25 18:43	5
Benzo(a)anthracene	1.4	U	1.4	0.16	ug/L		10/20/25 09:28	10/21/25 18:43	5
Benzo(a)pyrene	0.87	U	0.87	0.63	ug/L		10/20/25 09:28	10/21/25 18:43	5
Benzo(b)fluoranthene	1.4	U	1.4	0.30	ug/L		10/20/25 09:28	10/21/25 18:43	5
Benzo(g,h,i)perylene	2.4	U	2.4	0.28	ug/L		10/20/25 09:28	10/21/25 18:43	5
Benzo(k)fluoranthene	1.4	U	1.4	0.34	ug/L		10/20/25 09:28	10/21/25 18:43	5
Bis(2-chloroethoxy)methane	24	U	24	0.31	ug/L		10/20/25 09:28	10/21/25 18:43	5
Bis(2-chloroethyl)ether	24	U	24	0.35	ug/L		10/20/25 09:28	10/21/25 18:43	5
Bis(2-ethylhexyl) phthalate	24	U	24	2.0	ug/L		10/20/25 09:28	10/21/25 18:43	5
Butyl benzyl phthalate	14	U	14	0.77	ug/L		10/20/25 09:28	10/21/25 18:43	5
Caprolactam	24	U *-	24	1.1	ug/L		10/20/25 09:28	10/21/25 18:43	5
Carbazole	24	U	24	0.38	ug/L		10/20/25 09:28	10/21/25 18:43	5
Chrysene	2.4	U	2.4	0.36	ug/L		10/20/25 09:28	10/21/25 18:43	5

Client Sample ID: MW-2I
Lab Sample ID: 480-233645-3
Date Collected: 10/14/25 11:10
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	2.4	U	2.4	0.34	ug/L		10/20/25 09:28	10/21/25 18:43	5
Dibenzofuran	24	U	24	0.29	ug/L		10/20/25 09:28	10/21/25 18:43	5
Diethyl phthalate	2.4	U	2.4	0.31	ug/L		10/20/25 09:28	10/21/25 18:43	5
Dimethyl phthalate	2.4	U	2.4	0.27	ug/L		10/20/25 09:28	10/21/25 18:43	5
Di-n-butyl phthalate	9.6	U	9.6	1.7	ug/L		10/20/25 09:28	10/21/25 18:43	5
Di-n-octyl phthalate	24	U	24	0.96	ug/L		10/20/25 09:28	10/21/25 18:43	5
Fluoranthene	**0.42**	**J**	2.4	0.38	ug/L		10/20/25 09:28	10/21/25 18:43	5
Fluorene	2.4	U	2.4	0.28	ug/L		10/20/25 09:28	10/21/25 18:43	5
Hexachlorobenzene	2.4	U	2.4	1.1	ug/L		10/20/25 09:28	10/21/25 18:43	5
Hexachlorobutadiene	4.8	U	4.8	0.48	ug/L		10/20/25 09:28	10/21/25 18:43	5
Hexachlorocyclopentadiene	4.8	U	4.8	0.44	ug/L		10/20/25 09:28	10/21/25 18:43	5
Hexachloroethane	24	U	24	0.42	ug/L		10/20/25 09:28	10/21/25 18:43	5
Indeno(1,2,3-cd)pyrene	2.4	U	2.4	0.53	ug/L		10/20/25 09:28	10/21/25 18:43	5
Isophorone	2.4	U	2.4	0.25	ug/L		10/20/25 09:28	10/21/25 18:43	5
Naphthalene	4.8	U	4.8	0.31	ug/L		10/20/25 09:28	10/21/25 18:43	5
Nitrobenzene	2.4	U	2.4	0.31	ug/L		10/20/25 09:28	10/21/25 18:43	5
N-Nitrosodi-n-propylamine	24	U	24	0.29	ug/L		10/20/25 09:28	10/21/25 18:43	5
N-Nitrosodiphenylamine	24	U	24	0.34	ug/L		10/20/25 09:28	10/21/25 18:43	5
Pentachlorophenol	4.8	U	4.8	1.6	ug/L		10/20/25 09:28	10/21/25 18:43	5
Phenanthrene	0.96	U	0.96	0.30	ug/L		10/20/25 09:28	10/21/25 18:43	5
Phenol	4.8	U	4.8	0.48	ug/L		10/20/25 09:28	10/21/25 18:43	5
Pyrene	2.4	U	2.4	0.37	ug/L		10/20/25 09:28	10/21/25 18:43	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*65*		*26 - 120*	*10/20/25 09:28*	*10/21/25 18:43*	*5*
p-Terphenyl-d14	*85*		*64 - 127*	*10/20/25 09:28*	*10/21/25 18:43*	*5*
Phenol-d5	*27*		*11 - 120*	*10/20/25 09:28*	*10/21/25 18:43*	*5*
2-Fluorophenol	*45*		*10 - 120*	*10/20/25 09:28*	*10/21/25 18:43*	*5*
2,4,6-Tribromophenol	*106*		*24 - 146*	*10/20/25 09:28*	*10/21/25 18:43*	*5*
2-Fluorobiphenyl	*86*		*37 - 120*	*10/20/25 09:28*	*10/21/25 18:43*	*5*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.010	U	0.010	0.0041	mg/L			10/21/25 01:37	1

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: MW-17
Lab Sample ID: 480-233645-4
Date Collected: 10/14/25 17:20
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/22/25 01:49	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 01:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/22/25 01:49	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/22/25 01:49	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/22/25 01:49	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/22/25 01:49	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/22/25 01:49	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/22/25 01:49	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/22/25 01:49	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/22/25 01:49	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 01:49	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/22/25 01:49	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/22/25 01:49	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/22/25 01:49	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/22/25 01:49	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/22/25 01:49	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/22/25 01:49	1
Acetone	10	U	10	3.0	ug/L			10/22/25 01:49	1
Benzene	1.0	U	1.0	0.41	ug/L			10/22/25 01:49	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/22/25 01:49	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/22/25 01:49	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/22/25 01:49	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/22/25 01:49	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/22/25 01:49	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/22/25 01:49	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/22/25 01:49	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/22/25 01:49	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/22/25 01:49	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/22/25 01:49	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/22/25 01:49	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/22/25 01:49	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/22/25 01:49	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/22/25 01:49	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/22/25 01:49	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/22/25 01:49	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/22/25 01:49	1
Methyl tert-butyl ether	**0.21**	**J**	1.0	0.16	ug/L			10/22/25 01:49	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/22/25 01:49	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/22/25 01:49	1
Styrene	1.0	U	1.0	0.73	ug/L			10/22/25 01:49	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/22/25 01:49	1
Toluene	1.0	U	1.0	0.51	ug/L			10/22/25 01:49	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/22/25 01:49	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/22/25 01:49	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/22/25 01:49	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/22/25 01:49	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/22/25 01:49	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/22/25 01:49	1

Client Sample ID: MW-17
Lab Sample ID: 480-233645-4
Date Collected: 10/14/25 17:20
Matrix: Water
Date Received: 10/16/25 09:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*86*		*77 - 120*		*10/22/25 01:49*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*10/22/25 01:49*	*1*
Dibromofluoromethane (Surr)	*91*		*75 - 123*		*10/22/25 01:49*	*1*
Toluene-d8 (Surr)	*90*		*80 - 120*		*10/22/25 01:49*	*1*

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	48	U	48	0.33	ug/L		10/20/25 09:28	10/21/25 19:09	10
bis (2-chloroisopropyl) ether	48	U	48	0.83	ug/L		10/20/25 09:28	10/21/25 19:09	10
2,4,5-Trichlorophenol	48	U	48	0.63	ug/L		10/20/25 09:28	10/21/25 19:09	10
2,4,6-Trichlorophenol	48	U	48	0.69	ug/L		10/20/25 09:28	10/21/25 19:09	10
2,4-Dichlorophenol	4.8	U	4.8	0.54	ug/L		10/20/25 09:28	10/21/25 19:09	10
2,4-Dimethylphenol	9.6	U	9.6	2.9	ug/L		10/20/25 09:28	10/21/25 19:09	10
2,4-Dinitrophenol	48	U	48	5.8	ug/L		10/20/25 09:28	10/21/25 19:09	10
2,4-Dinitrotoluene	48	U	48	0.33	ug/L		10/20/25 09:28	10/21/25 19:09	10
2,6-Dinitrotoluene	48	U	48	0.88	ug/L		10/20/25 09:28	10/21/25 19:09	10
2-Chloronaphthalene	4.8	U	4.8	0.63	ug/L		10/20/25 09:28	10/21/25 19:09	10
2-Chlorophenol	48	U	48	0.63	ug/L		10/20/25 09:28	10/21/25 19:09	10
2-Methylnaphthalene	4.8	U	4.8	0.50	ug/L		10/20/25 09:28	10/21/25 19:09	10
2-Methylphenol	9.6	U	9.6	1.3	ug/L		10/20/25 09:28	10/21/25 19:09	10
2-Nitroaniline	48	U	48	0.91	ug/L		10/20/25 09:28	10/21/25 19:09	10
2-Nitrophenol	48	U	48	0.60	ug/L		10/20/25 09:28	10/21/25 19:09	10
3,3'-Dichlorobenzidine	48	U	48	2.1	ug/L		10/20/25 09:28	10/21/25 19:09	10
3-Nitroaniline	48	U	48	1.3	ug/L		10/20/25 09:28	10/21/25 19:09	10
4,6-Dinitro-2-methylphenol	48	U	48	7.1	ug/L		10/20/25 09:28	10/21/25 19:09	10
4-Bromophenyl phenyl ether	48	U	48	0.88	ug/L		10/20/25 09:28	10/21/25 19:09	10
4-Chloro-3-methylphenol	48	U	48	0.51	ug/L		10/20/25 09:28	10/21/25 19:09	10
4-Chloroaniline	48	U	48	1.3	ug/L		10/20/25 09:28	10/21/25 19:09	10
4-Chlorophenyl phenyl ether	48	U	48	0.44	ug/L		10/20/25 09:28	10/21/25 19:09	10
4-Methylphenol	9.6	U	9.6	0.90	ug/L		10/20/25 09:28	10/21/25 19:09	10
4-Nitroaniline	48	U	48	0.24	ug/L		10/20/25 09:28	10/21/25 19:09	10
4-Nitrophenol	48	U	48	3.8	ug/L		10/20/25 09:28	10/21/25 19:09	10
Acenaphthene	4.8	U	4.8	0.35	ug/L		10/20/25 09:28	10/21/25 19:09	10
Acenaphthylene	2.9	U	2.9	0.54	ug/L		10/20/25 09:28	10/21/25 19:09	10
Acetophenone	48	U	48	0.96	ug/L		10/20/25 09:28	10/21/25 19:09	10
Anthracene	4.8	U	4.8	0.33	ug/L		10/20/25 09:28	10/21/25 19:09	10
Atrazine	19	U	19	2.8	ug/L		10/20/25 09:28	10/21/25 19:09	10
Benzaldehyde	48	U	48	0.72	ug/L		10/20/25 09:28	10/21/25 19:09	10
Benzo(a)anthracene	2.9	U	2.9	0.33	ug/L		10/20/25 09:28	10/21/25 19:09	10
Benzo(a)pyrene	1.7	U	1.7	1.3	ug/L		10/20/25 09:28	10/21/25 19:09	10
Benzo(b)fluoranthene	2.9	U	2.9	0.61	ug/L		10/20/25 09:28	10/21/25 19:09	10
Benzo(g,h,i)perylene	4.8	U	4.8	0.56	ug/L		10/20/25 09:28	10/21/25 19:09	10
Benzo(k)fluoranthene	2.9	U	2.9	0.67	ug/L		10/20/25 09:28	10/21/25 19:09	10
Bis(2-chloroethoxy)methane	48	U	48	0.62	ug/L		10/20/25 09:28	10/21/25 19:09	10
Bis(2-chloroethyl)ether	48	U	48	0.69	ug/L		10/20/25 09:28	10/21/25 19:09	10
Bis(2-ethylhexyl) phthalate	48	U	48	4.0	ug/L		10/20/25 09:28	10/21/25 19:09	10
Butyl benzyl phthalate	29	U	29	1.5	ug/L		10/20/25 09:28	10/21/25 19:09	10
Caprolactam	48	U *-	48	2.1	ug/L		10/20/25 09:28	10/21/25 19:09	10
Carbazole	48	U	48	0.76	ug/L		10/20/25 09:28	10/21/25 19:09	10
Chrysene	4.8	U	4.8	0.71	ug/L		10/20/25 09:28	10/21/25 19:09	10

Client Sample ID: MW-17
Lab Sample ID: 480-233645-4
Date Collected: 10/14/25 17:20
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	4.8	U	4.8	0.67	ug/L		10/20/25 09:28	10/21/25 19:09	10
Dibenzofuran	48	U	48	0.58	ug/L		10/20/25 09:28	10/21/25 19:09	10
Diethyl phthalate	4.8	U	4.8	0.62	ug/L		10/20/25 09:28	10/21/25 19:09	10
Dimethyl phthalate	4.8	U	4.8	0.55	ug/L		10/20/25 09:28	10/21/25 19:09	10
Di-n-butyl phthalate	19	U	19	3.4	ug/L		10/20/25 09:28	10/21/25 19:09	10
Di-n-octyl phthalate	48	U	48	1.9	ug/L		10/20/25 09:28	10/21/25 19:09	10
Fluoranthene	4.8	U	4.8	0.77	ug/L		10/20/25 09:28	10/21/25 19:09	10
Fluorene	4.8	U	4.8	0.56	ug/L		10/20/25 09:28	10/21/25 19:09	10
Hexachlorobenzene	4.8	U	4.8	2.1	ug/L		10/20/25 09:28	10/21/25 19:09	10
Hexachlorobutadiene	9.6	U	9.6	0.96	ug/L		10/20/25 09:28	10/21/25 19:09	10
Hexachlorocyclopentadiene	9.6	U	9.6	0.88	ug/L		10/20/25 09:28	10/21/25 19:09	10
Hexachloroethane	48	U	48	0.85	ug/L		10/20/25 09:28	10/21/25 19:09	10
Indeno(1,2,3-cd)pyrene	4.8	U	4.8	1.1	ug/L		10/20/25 09:28	10/21/25 19:09	10
Isophorone	4.8	U	4.8	0.49	ug/L		10/20/25 09:28	10/21/25 19:09	10
Naphthalene	9.6	U	9.6	0.62	ug/L		10/20/25 09:28	10/21/25 19:09	10
Nitrobenzene	4.8	U	4.8	0.63	ug/L		10/20/25 09:28	10/21/25 19:09	10
N-Nitrosodi-n-propylamine	48	U	48	0.58	ug/L		10/20/25 09:28	10/21/25 19:09	10
N-Nitrosodiphenylamine	48	U	48	0.67	ug/L		10/20/25 09:28	10/21/25 19:09	10
Pentachlorophenol	9.6	U	9.6	3.3	ug/L		10/20/25 09:28	10/21/25 19:09	10
Phenanthrene	1.9	U	1.9	0.60	ug/L		10/20/25 09:28	10/21/25 19:09	10
Phenol	9.6	U	9.6	0.96	ug/L		10/20/25 09:28	10/21/25 19:09	10
Pyrene	4.8	U	4.8	0.73	ug/L		10/20/25 09:28	10/21/25 19:09	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*70*		*26 - 120*	*10/20/25 09:28*	*10/21/25 19:09*	*10*
p-Terphenyl-d14	*85*		*64 - 127*	*10/20/25 09:28*	*10/21/25 19:09*	*10*
Phenol-d5	*32*		*11 - 120*	*10/20/25 09:28*	*10/21/25 19:09*	*10*
2-Fluorophenol	*42*		*10 - 120*	*10/20/25 09:28*	*10/21/25 19:09*	*10*
2,4,6-Tribromophenol	*90*		*24 - 146*	*10/20/25 09:28*	*10/21/25 19:09*	*10*
2-Fluorobiphenyl	*93*		*37 - 120*	*10/20/25 09:28*	*10/21/25 19:09*	*10*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.016**		0.010	0.0041	mg/L			10/21/25 01:39	1

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: MW-17I
Lab Sample ID: 480-233645-5
Date Collected: 10/14/25 15:35
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/22/25 02:12	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 02:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/22/25 02:12	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/22/25 02:12	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/22/25 02:12	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/22/25 02:12	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/22/25 02:12	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/22/25 02:12	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/22/25 02:12	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/22/25 02:12	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 02:12	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/22/25 02:12	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/22/25 02:12	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/22/25 02:12	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/22/25 02:12	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/22/25 02:12	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/22/25 02:12	1
Acetone	10	U	10	3.0	ug/L			10/22/25 02:12	1
Benzene	1.0	U	1.0	0.41	ug/L			10/22/25 02:12	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/22/25 02:12	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/22/25 02:12	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/22/25 02:12	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/22/25 02:12	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/22/25 02:12	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/22/25 02:12	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/22/25 02:12	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/22/25 02:12	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/22/25 02:12	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/22/25 02:12	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/22/25 02:12	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/22/25 02:12	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/22/25 02:12	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/22/25 02:12	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/22/25 02:12	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/22/25 02:12	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/22/25 02:12	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/22/25 02:12	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/22/25 02:12	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/22/25 02:12	1
Styrene	1.0	U	1.0	0.73	ug/L			10/22/25 02:12	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/22/25 02:12	1
Toluene	1.0	U	1.0	0.51	ug/L			10/22/25 02:12	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/22/25 02:12	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/22/25 02:12	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/22/25 02:12	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/22/25 02:12	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/22/25 02:12	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/22/25 02:12	1

Client Sample ID: MW-17I
Lab Sample ID: 480-233645-5
Date Collected: 10/14/25 15:35
Matrix: Water
Date Received: 10/16/25 09:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*87*		*77 - 120*		*10/22/25 02:12*	*1*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*10/22/25 02:12*	*1*
Dibromofluoromethane (Surr)	*90*		*75 - 123*		*10/22/25 02:12*	*1*
Toluene-d8 (Surr)	*89*		*80 - 120*		*10/22/25 02:12*	*1*

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	4.9	U	4.9	0.033	ug/L		10/20/25 09:28	10/21/25 19:35	1
bis (2-chloroisopropyl) ether	4.9	U	4.9	0.084	ug/L		10/20/25 09:28	10/21/25 19:35	1
2,4,5-Trichlorophenol	4.9	U	4.9	0.064	ug/L		10/20/25 09:28	10/21/25 19:35	1
2,4,6-Trichlorophenol	4.9	U	4.9	0.071	ug/L		10/20/25 09:28	10/21/25 19:35	1
2,4-Dichlorophenol	0.49	U	0.49	0.055	ug/L		10/20/25 09:28	10/21/25 19:35	1
2,4-Dimethylphenol	0.98	U	0.98	0.29	ug/L		10/20/25 09:28	10/21/25 19:35	1
2,4-Dinitrophenol	4.9	U	4.9	0.59	ug/L		10/20/25 09:28	10/21/25 19:35	1
2,4-Dinitrotoluene	4.9	U	4.9	0.033	ug/L		10/20/25 09:28	10/21/25 19:35	1
2,6-Dinitrotoluene	4.9	U	4.9	0.089	ug/L		10/20/25 09:28	10/21/25 19:35	1
2-Chloronaphthalene	0.49	U	0.49	0.065	ug/L		10/20/25 09:28	10/21/25 19:35	1
2-Chlorophenol	4.9	U	4.9	0.065	ug/L		10/20/25 09:28	10/21/25 19:35	1
2-Methylnaphthalene	0.49	U	0.49	0.051	ug/L		10/20/25 09:28	10/21/25 19:35	1
2-Methylphenol	0.98	U	0.98	0.14	ug/L		10/20/25 09:28	10/21/25 19:35	1
2-Nitroaniline	4.9	U	4.9	0.093	ug/L		10/20/25 09:28	10/21/25 19:35	1
2-Nitrophenol	4.9	U	4.9	0.061	ug/L		10/20/25 09:28	10/21/25 19:35	1
3,3'-Dichlorobenzidine	4.9	U	4.9	0.22	ug/L		10/20/25 09:28	10/21/25 19:35	1
3-Nitroaniline	4.9	U	4.9	0.13	ug/L		10/20/25 09:28	10/21/25 19:35	1
4,6-Dinitro-2-methylphenol	4.9	U	4.9	0.73	ug/L		10/20/25 09:28	10/21/25 19:35	1
4-Bromophenyl phenyl ether	4.9	U	4.9	0.089	ug/L		10/20/25 09:28	10/21/25 19:35	1
4-Chloro-3-methylphenol	4.9	U	4.9	0.052	ug/L		10/20/25 09:28	10/21/25 19:35	1
4-Chloroaniline	4.9	U	4.9	0.13	ug/L		10/20/25 09:28	10/21/25 19:35	1
4-Chlorophenyl phenyl ether	4.9	U	4.9	0.045	ug/L		10/20/25 09:28	10/21/25 19:35	1
4-Methylphenol	0.98	U	0.98	0.092	ug/L		10/20/25 09:28	10/21/25 19:35	1
4-Nitroaniline	4.9	U	4.9	0.025	ug/L		10/20/25 09:28	10/21/25 19:35	1
4-Nitrophenol	4.9	U	4.9	0.38	ug/L		10/20/25 09:28	10/21/25 19:35	1
Acenaphthene	0.49	U	0.49	0.035	ug/L		10/20/25 09:28	10/21/25 19:35	1
Acenaphthylene	0.29	U	0.29	0.055	ug/L		10/20/25 09:28	10/21/25 19:35	1
Acetophenone	4.9	U	4.9	0.098	ug/L		10/20/25 09:28	10/21/25 19:35	1
Anthracene	0.49	U	0.49	0.033	ug/L		10/20/25 09:28	10/21/25 19:35	1
Atrazine	2.0	U	2.0	0.28	ug/L		10/20/25 09:28	10/21/25 19:35	1
Benzaldehyde	4.9	U	4.9	0.074	ug/L		10/20/25 09:28	10/21/25 19:35	1
Benzo(a)anthracene	0.29	U	0.29	0.033	ug/L		10/20/25 09:28	10/21/25 19:35	1
Benzo(a)pyrene	0.18	U	0.18	0.13	ug/L		10/20/25 09:28	10/21/25 19:35	1
Benzo(b)fluoranthene	0.29	U	0.29	0.062	ug/L		10/20/25 09:28	10/21/25 19:35	1
Benzo(g,h,i)perylene	0.49	U	0.49	0.057	ug/L		10/20/25 09:28	10/21/25 19:35	1
Benzo(k)fluoranthene	0.29	U	0.29	0.069	ug/L		10/20/25 09:28	10/21/25 19:35	1
Bis(2-chloroethoxy)methane	4.9	U	4.9	0.063	ug/L		10/20/25 09:28	10/21/25 19:35	1
Bis(2-chloroethyl)ether	4.9	U	4.9	0.071	ug/L		10/20/25 09:28	10/21/25 19:35	1
Bis(2-ethylhexyl) phthalate	4.9	U	4.9	0.41	ug/L		10/20/25 09:28	10/21/25 19:35	1
Butyl benzyl phthalate	2.9	U	2.9	0.16	ug/L		10/20/25 09:28	10/21/25 19:35	1
Caprolactam	4.9	U *-	4.9	0.22	ug/L		10/20/25 09:28	10/21/25 19:35	1
Carbazole	4.9	U	4.9	0.077	ug/L		10/20/25 09:28	10/21/25 19:35	1
Chrysene	0.49	U	0.49	0.073	ug/L		10/20/25 09:28	10/21/25 19:35	1

Client Sample ID: MW-17I
Lab Sample ID: 480-233645-5
Date Collected: 10/14/25 15:35
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	0.49	U	0.49	0.069	ug/L		10/20/25 09:28	10/21/25 19:35	1
Dibenzofuran	4.9	U	4.9	0.059	ug/L		10/20/25 09:28	10/21/25 19:35	1
Diethyl phthalate	**0.090**	**J**	0.49	0.063	ug/L		10/20/25 09:28	10/21/25 19:35	1
Dimethyl phthalate	0.49	U	0.49	0.056	ug/L		10/20/25 09:28	10/21/25 19:35	1
Di-n-butyl phthalate	2.0	U	2.0	0.34	ug/L		10/20/25 09:28	10/21/25 19:35	1
Di-n-octyl phthalate	4.9	U	4.9	0.20	ug/L		10/20/25 09:28	10/21/25 19:35	1
Fluoranthene	0.49	U	0.49	0.078	ug/L		10/20/25 09:28	10/21/25 19:35	1
Fluorene	0.49	U	0.49	0.057	ug/L		10/20/25 09:28	10/21/25 19:35	1
Hexachlorobenzene	0.49	U	0.49	0.22	ug/L		10/20/25 09:28	10/21/25 19:35	1
Hexachlorobutadiene	0.98	U	0.98	0.098	ug/L		10/20/25 09:28	10/21/25 19:35	1
Hexachlorocyclopentadiene	0.98	U	0.98	0.089	ug/L		10/20/25 09:28	10/21/25 19:35	1
Hexachloroethane	4.9	U	4.9	0.086	ug/L		10/20/25 09:28	10/21/25 19:35	1
Indeno(1,2,3-cd)pyrene	0.49	U	0.49	0.11	ug/L		10/20/25 09:28	10/21/25 19:35	1
Isophorone	0.49	U	0.49	0.050	ug/L		10/20/25 09:28	10/21/25 19:35	1
Naphthalene	**0.21**	**J**	0.98	0.063	ug/L		10/20/25 09:28	10/21/25 19:35	1
Nitrobenzene	0.49	U	0.49	0.064	ug/L		10/20/25 09:28	10/21/25 19:35	1
N-Nitrosodi-n-propylamine	4.9	U	4.9	0.059	ug/L		10/20/25 09:28	10/21/25 19:35	1
N-Nitrosodiphenylamine	4.9	U	4.9	0.069	ug/L		10/20/25 09:28	10/21/25 19:35	1
Pentachlorophenol	0.98	U	0.98	0.33	ug/L		10/20/25 09:28	10/21/25 19:35	1
Phenanthrene	0.20	U	0.20	0.061	ug/L		10/20/25 09:28	10/21/25 19:35	1
Phenol	0.98	U	0.98	0.098	ug/L		10/20/25 09:28	10/21/25 19:35	1
Pyrene	0.49	U	0.49	0.075	ug/L		10/20/25 09:28	10/21/25 19:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*66*		*26 - 120*	*10/20/25 09:28*	*10/21/25 19:35*	*1*
p-Terphenyl-d14	*93*		*64 - 127*	*10/20/25 09:28*	*10/21/25 19:35*	*1*
Phenol-d5	*26*		*11 - 120*	*10/20/25 09:28*	*10/21/25 19:35*	*1*
2-Fluorophenol	*40*		*10 - 120*	*10/20/25 09:28*	*10/21/25 19:35*	*1*
2,4,6-Tribromophenol	*110*		*24 - 146*	*10/20/25 09:28*	*10/21/25 19:35*	*1*
2-Fluorobiphenyl	*82*		*37 - 120*	*10/20/25 09:28*	*10/21/25 19:35*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.010	U	0.010	0.0041	mg/L			10/21/25 01:42	1

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: MW-17D
Lab Sample ID: 480-233645-6
Date Collected: 10/15/25 13:50
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/22/25 02:37	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 02:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/22/25 02:37	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/22/25 02:37	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/22/25 02:37	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/22/25 02:37	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/22/25 02:37	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/22/25 02:37	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/22/25 02:37	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/22/25 02:37	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 02:37	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/22/25 02:37	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/22/25 02:37	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/22/25 02:37	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/22/25 02:37	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/22/25 02:37	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/22/25 02:37	1
Acetone	10	U	10	3.0	ug/L			10/22/25 02:37	1
Benzene	1.0	U	1.0	0.41	ug/L			10/22/25 02:37	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/22/25 02:37	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/22/25 02:37	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/22/25 02:37	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/22/25 02:37	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/22/25 02:37	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/22/25 02:37	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/22/25 02:37	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/22/25 02:37	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/22/25 02:37	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/22/25 02:37	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/22/25 02:37	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/22/25 02:37	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/22/25 02:37	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/22/25 02:37	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/22/25 02:37	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/22/25 02:37	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/22/25 02:37	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/22/25 02:37	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/22/25 02:37	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/22/25 02:37	1
Styrene	1.0	U	1.0	0.73	ug/L			10/22/25 02:37	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/22/25 02:37	1
Toluene	1.0	U	1.0	0.51	ug/L			10/22/25 02:37	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/22/25 02:37	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/22/25 02:37	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/22/25 02:37	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/22/25 02:37	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/22/25 02:37	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/22/25 02:37	1

Client Sample ID: MW-17D
Lab Sample ID: 480-233645-6
Date Collected: 10/15/25 13:50
Matrix: Water
Date Received: 10/16/25 09:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*92*		*77 - 120*		*10/22/25 02:37*	*1*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*10/22/25 02:37*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*10/22/25 02:37*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*10/22/25 02:37*	*1*

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	24	U	24	0.16	ug/L		10/20/25 09:28	10/21/25 20:01	5
bis (2-chloroisopropyl) ether	24	U	24	0.41	ug/L		10/20/25 09:28	10/21/25 20:01	5
2,4,5-Trichlorophenol	24	U	24	0.31	ug/L		10/20/25 09:28	10/21/25 20:01	5
2,4,6-Trichlorophenol	24	U	24	0.34	ug/L		10/20/25 09:28	10/21/25 20:01	5
2,4-Dichlorophenol	2.4	U	2.4	0.27	ug/L		10/20/25 09:28	10/21/25 20:01	5
2,4-Dimethylphenol	4.8	U	4.8	1.4	ug/L		10/20/25 09:28	10/21/25 20:01	5
2,4-Dinitrophenol	24	U	24	2.9	ug/L		10/20/25 09:28	10/21/25 20:01	5
2,4-Dinitrotoluene	24	U	24	0.16	ug/L		10/20/25 09:28	10/21/25 20:01	5
2,6-Dinitrotoluene	24	U	24	0.43	ug/L		10/20/25 09:28	10/21/25 20:01	5
2-Chloronaphthalene	2.4	U	2.4	0.31	ug/L		10/20/25 09:28	10/21/25 20:01	5
2-Chlorophenol	24	U	24	0.31	ug/L		10/20/25 09:28	10/21/25 20:01	5
2-Methylnaphthalene	2.4	U	2.4	0.25	ug/L		10/20/25 09:28	10/21/25 20:01	5
2-Methylphenol	4.8	U	4.8	0.67	ug/L		10/20/25 09:28	10/21/25 20:01	5
2-Nitroaniline	24	U	24	0.45	ug/L		10/20/25 09:28	10/21/25 20:01	5
2-Nitrophenol	24	U	24	0.30	ug/L		10/20/25 09:28	10/21/25 20:01	5
3,3'-Dichlorobenzidine	24	U	24	1.0	ug/L		10/20/25 09:28	10/21/25 20:01	5
3-Nitroaniline	24	U	24	0.62	ug/L		10/20/25 09:28	10/21/25 20:01	5
4,6-Dinitro-2-methylphenol	24	U	24	3.5	ug/L		10/20/25 09:28	10/21/25 20:01	5
4-Bromophenyl phenyl ether	24	U	24	0.43	ug/L		10/20/25 09:28	10/21/25 20:01	5
4-Chloro-3-methylphenol	24	U	24	0.25	ug/L		10/20/25 09:28	10/21/25 20:01	5
4-Chloroaniline	24	U	24	0.62	ug/L		10/20/25 09:28	10/21/25 20:01	5
4-Chlorophenyl phenyl ether	24	U	24	0.22	ug/L		10/20/25 09:28	10/21/25 20:01	5
4-Methylphenol	4.8	U	4.8	0.45	ug/L		10/20/25 09:28	10/21/25 20:01	5
4-Nitroaniline	24	U	24	0.12	ug/L		10/20/25 09:28	10/21/25 20:01	5
4-Nitrophenol	24	U	24	1.9	ug/L		10/20/25 09:28	10/21/25 20:01	5
Acenaphthene	2.4	U	2.4	0.17	ug/L		10/20/25 09:28	10/21/25 20:01	5
Acenaphthylene	1.4	U	1.4	0.27	ug/L		10/20/25 09:28	10/21/25 20:01	5
Acetophenone	24	U	24	0.48	ug/L		10/20/25 09:28	10/21/25 20:01	5
Anthracene	2.4	U	2.4	0.16	ug/L		10/20/25 09:28	10/21/25 20:01	5
Atrazine	9.5	U	9.5	1.4	ug/L		10/20/25 09:28	10/21/25 20:01	5
Benzaldehyde	24	U	24	0.36	ug/L		10/20/25 09:28	10/21/25 20:01	5
Benzo(a)anthracene	1.4	U	1.4	0.16	ug/L		10/20/25 09:28	10/21/25 20:01	5
Benzo(a)pyrene	0.86	U	0.86	0.62	ug/L		10/20/25 09:28	10/21/25 20:01	5
Benzo(b)fluoranthene	1.4	U	1.4	0.30	ug/L		10/20/25 09:28	10/21/25 20:01	5
Benzo(g,h,i)perylene	2.4	U	2.4	0.28	ug/L		10/20/25 09:28	10/21/25 20:01	5
Benzo(k)fluoranthene	1.4	U	1.4	0.33	ug/L		10/20/25 09:28	10/21/25 20:01	5
Bis(2-chloroethoxy)methane	24	U	24	0.30	ug/L		10/20/25 09:28	10/21/25 20:01	5
Bis(2-chloroethyl)ether	24	U	24	0.34	ug/L		10/20/25 09:28	10/21/25 20:01	5
Bis(2-ethylhexyl) phthalate	24	U	24	2.0	ug/L		10/20/25 09:28	10/21/25 20:01	5
Butyl benzyl phthalate	14	U	14	0.76	ug/L		10/20/25 09:28	10/21/25 20:01	5
Caprolactam	24	U *-	24	1.0	ug/L		10/20/25 09:28	10/21/25 20:01	5
Carbazole	24	U	24	0.38	ug/L		10/20/25 09:28	10/21/25 20:01	5
Chrysene	2.4	U	2.4	0.35	ug/L		10/20/25 09:28	10/21/25 20:01	5

Client Sample ID: MW-17D
Lab Sample ID: 480-233645-6
Date Collected: 10/15/25 13:50
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	2.4	U	2.4	0.33	ug/L		10/20/25 09:28	10/21/25 20:01	5
Dibenzofuran	24	U	24	0.29	ug/L		10/20/25 09:28	10/21/25 20:01	5
Diethyl phthalate	**0.98**	**J**	2.4	0.30	ug/L		10/20/25 09:28	10/21/25 20:01	5
Dimethyl phthalate	2.4	U	2.4	0.27	ug/L		10/20/25 09:28	10/21/25 20:01	5
Di-n-butyl phthalate	9.5	U	9.5	1.7	ug/L		10/20/25 09:28	10/21/25 20:01	5
Di-n-octyl phthalate	24	U	24	0.95	ug/L		10/20/25 09:28	10/21/25 20:01	5
Fluoranthene	2.4	U	2.4	0.38	ug/L		10/20/25 09:28	10/21/25 20:01	5
Fluorene	2.4	U	2.4	0.28	ug/L		10/20/25 09:28	10/21/25 20:01	5
Hexachlorobenzene	2.4	U	2.4	1.0	ug/L		10/20/25 09:28	10/21/25 20:01	5
Hexachlorobutadiene	4.8	U	4.8	0.48	ug/L		10/20/25 09:28	10/21/25 20:01	5
Hexachlorocyclopentadiene	4.8	U	4.8	0.43	ug/L		10/20/25 09:28	10/21/25 20:01	5
Hexachloroethane	24	U	24	0.42	ug/L		10/20/25 09:28	10/21/25 20:01	5
Indeno(1,2,3-cd)pyrene	2.4	U	2.4	0.52	ug/L		10/20/25 09:28	10/21/25 20:01	5
Isophorone	2.4	U	2.4	0.24	ug/L		10/20/25 09:28	10/21/25 20:01	5
Naphthalene	4.8	U	4.8	0.30	ug/L		10/20/25 09:28	10/21/25 20:01	5
Nitrobenzene	2.4	U	2.4	0.31	ug/L		10/20/25 09:28	10/21/25 20:01	5
N-Nitrosodi-n-propylamine	24	U	24	0.29	ug/L		10/20/25 09:28	10/21/25 20:01	5
N-Nitrosodiphenylamine	24	U	24	0.33	ug/L		10/20/25 09:28	10/21/25 20:01	5
Pentachlorophenol	4.8	U	4.8	1.6	ug/L		10/20/25 09:28	10/21/25 20:01	5
Phenanthrene	0.95	U	0.95	0.30	ug/L		10/20/25 09:28	10/21/25 20:01	5
Phenol	4.8	U	4.8	0.48	ug/L		10/20/25 09:28	10/21/25 20:01	5
Pyrene	2.4	U	2.4	0.36	ug/L		10/20/25 09:28	10/21/25 20:01	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*42*		*26 - 120*	*10/20/25 09:28*	*10/21/25 20:01*	*5*
p-Terphenyl-d14	*67*		*64 - 127*	*10/20/25 09:28*	*10/21/25 20:01*	*5*
Phenol-d5	*20*		*11 - 120*	*10/20/25 09:28*	*10/21/25 20:01*	*5*
2-Fluorophenol	*27*		*10 - 120*	*10/20/25 09:28*	*10/21/25 20:01*	*5*
2,4,6-Tribromophenol	*73*		*24 - 146*	*10/20/25 09:28*	*10/21/25 20:01*	*5*
2-Fluorobiphenyl	*55*		*37 - 120*	*10/20/25 09:28*	*10/21/25 20:01*	*5*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.010	U	0.010	0.0041	mg/L			10/21/25 01:45	1

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: MW-20D
Lab Sample ID: 480-233645-7
Date Collected: 10/15/25 10:45
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/22/25 03:01	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 03:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/22/25 03:01	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/22/25 03:01	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/22/25 03:01	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/22/25 03:01	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/22/25 03:01	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/22/25 03:01	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/22/25 03:01	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/22/25 03:01	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 03:01	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/22/25 03:01	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/22/25 03:01	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/22/25 03:01	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/22/25 03:01	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/22/25 03:01	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/22/25 03:01	1
Acetone	10	U	10	3.0	ug/L			10/22/25 03:01	1
Benzene	1.0	U	1.0	0.41	ug/L			10/22/25 03:01	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/22/25 03:01	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/22/25 03:01	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/22/25 03:01	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/22/25 03:01	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/22/25 03:01	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/22/25 03:01	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/22/25 03:01	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/22/25 03:01	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/22/25 03:01	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/22/25 03:01	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/22/25 03:01	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/22/25 03:01	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/22/25 03:01	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/22/25 03:01	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/22/25 03:01	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/22/25 03:01	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/22/25 03:01	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/22/25 03:01	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/22/25 03:01	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/22/25 03:01	1
Styrene	1.0	U	1.0	0.73	ug/L			10/22/25 03:01	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/22/25 03:01	1
Toluene	1.0	U	1.0	0.51	ug/L			10/22/25 03:01	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/22/25 03:01	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/22/25 03:01	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/22/25 03:01	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/22/25 03:01	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/22/25 03:01	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/22/25 03:01	1

Client Sample ID: MW-20D
Lab Sample ID: 480-233645-7
Date Collected: 10/15/25 10:45
Matrix: Water
Date Received: 10/16/25 09:45

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*77 - 120*		*10/22/25 03:01*	*1*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*10/22/25 03:01*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 123*		*10/22/25 03:01*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*10/22/25 03:01*	*1*

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	**0.062**	**J**	4.8	0.033	ug/L		10/20/25 09:28	10/21/25 20:27	1
bis (2-chloroisopropyl) ether	4.8	U	4.8	0.083	ug/L		10/20/25 09:28	10/21/25 20:27	1
2,4,5-Trichlorophenol	4.8	U	4.8	0.063	ug/L		10/20/25 09:28	10/21/25 20:27	1
2,4,6-Trichlorophenol	4.8	U	4.8	0.069	ug/L		10/20/25 09:28	10/21/25 20:27	1
2,4-Dichlorophenol	0.48	U	0.48	0.054	ug/L		10/20/25 09:28	10/21/25 20:27	1
2,4-Dimethylphenol	0.96	U	0.96	0.29	ug/L		10/20/25 09:28	10/21/25 20:27	1
2,4-Dinitrophenol	4.8	U	4.8	0.58	ug/L		10/20/25 09:28	10/21/25 20:27	1
2,4-Dinitrotoluene	4.8	U	4.8	0.033	ug/L		10/20/25 09:28	10/21/25 20:27	1
2,6-Dinitrotoluene	4.8	U	4.8	0.088	ug/L		10/20/25 09:28	10/21/25 20:27	1
2-Chloronaphthalene	0.48	U	0.48	0.063	ug/L		10/20/25 09:28	10/21/25 20:27	1
2-Chlorophenol	4.8	U	4.8	0.063	ug/L		10/20/25 09:28	10/21/25 20:27	1
2-Methylnaphthalene	0.48	U	0.48	0.050	ug/L		10/20/25 09:28	10/21/25 20:27	1
2-Methylphenol	0.96	U	0.96	0.13	ug/L		10/20/25 09:28	10/21/25 20:27	1
2-Nitroaniline	4.8	U	4.8	0.091	ug/L		10/20/25 09:28	10/21/25 20:27	1
2-Nitrophenol	4.8	U	4.8	0.060	ug/L		10/20/25 09:28	10/21/25 20:27	1
3,3'-Dichlorobenzidine	4.8	U	4.8	0.21	ug/L		10/20/25 09:28	10/21/25 20:27	1
3-Nitroaniline	4.8	U	4.8	0.13	ug/L		10/20/25 09:28	10/21/25 20:27	1
4,6-Dinitro-2-methylphenol	4.8	U	4.8	0.71	ug/L		10/20/25 09:28	10/21/25 20:27	1
4-Bromophenyl phenyl ether	4.8	U	4.8	0.088	ug/L		10/20/25 09:28	10/21/25 20:27	1
4-Chloro-3-methylphenol	4.8	U	4.8	0.051	ug/L		10/20/25 09:28	10/21/25 20:27	1
4-Chloroaniline	4.8	U	4.8	0.13	ug/L		10/20/25 09:28	10/21/25 20:27	1
4-Chlorophenyl phenyl ether	4.8	U	4.8	0.044	ug/L		10/20/25 09:28	10/21/25 20:27	1
4-Methylphenol	0.96	U	0.96	0.090	ug/L		10/20/25 09:28	10/21/25 20:27	1
4-Nitroaniline	4.8	U	4.8	0.024	ug/L		10/20/25 09:28	10/21/25 20:27	1
4-Nitrophenol	4.8	U	4.8	0.38	ug/L		10/20/25 09:28	10/21/25 20:27	1
Acenaphthene	**0.087**	**J**	0.48	0.035	ug/L		10/20/25 09:28	10/21/25 20:27	1
Acenaphthylene	0.29	U	0.29	0.054	ug/L		10/20/25 09:28	10/21/25 20:27	1
Acetophenone	4.8	U	4.8	0.096	ug/L		10/20/25 09:28	10/21/25 20:27	1
Anthracene	0.48	U	0.48	0.033	ug/L		10/20/25 09:28	10/21/25 20:27	1
Atrazine	1.9	U	1.9	0.28	ug/L		10/20/25 09:28	10/21/25 20:27	1
Benzaldehyde	4.8	U	4.8	0.072	ug/L		10/20/25 09:28	10/21/25 20:27	1
Benzo(a)anthracene	0.29	U	0.29	0.033	ug/L		10/20/25 09:28	10/21/25 20:27	1
Benzo(a)pyrene	0.17	U	0.17	0.13	ug/L		10/20/25 09:28	10/21/25 20:27	1
Benzo(b)fluoranthene	0.29	U	0.29	0.061	ug/L		10/20/25 09:28	10/21/25 20:27	1
Benzo(g,h,i)perylene	0.48	U	0.48	0.056	ug/L		10/20/25 09:28	10/21/25 20:27	1
Benzo(k)fluoranthene	0.29	U	0.29	0.067	ug/L		10/20/25 09:28	10/21/25 20:27	1
Bis(2-chloroethoxy)methane	4.8	U	4.8	0.062	ug/L		10/20/25 09:28	10/21/25 20:27	1
Bis(2-chloroethyl)ether	4.8	U	4.8	0.069	ug/L		10/20/25 09:28	10/21/25 20:27	1
Bis(2-ethylhexyl) phthalate	4.8	U	4.8	0.40	ug/L		10/20/25 09:28	10/21/25 20:27	1
Butyl benzyl phthalate	2.9	U	2.9	0.15	ug/L		10/20/25 09:28	10/21/25 20:27	1
Caprolactam	4.8	U *-	4.8	0.21	ug/L		10/20/25 09:28	10/21/25 20:27	1
Carbazole	4.8	U	4.8	0.076	ug/L		10/20/25 09:28	10/21/25 20:27	1
Chrysene	0.48	U	0.48	0.071	ug/L		10/20/25 09:28	10/21/25 20:27	1

Client Sample ID: MW-20D
Lab Sample ID: 480-233645-7
Date Collected: 10/15/25 10:45
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	0.48	U	0.48	0.067	ug/L		10/20/25 09:28	10/21/25 20:27	1
Dibenzofuran	4.8	U	4.8	0.058	ug/L		10/20/25 09:28	10/21/25 20:27	1
Diethyl phthalate	**0.10**	**J**	0.48	0.062	ug/L		10/20/25 09:28	10/21/25 20:27	1
Dimethyl phthalate	0.48	U	0.48	0.055	ug/L		10/20/25 09:28	10/21/25 20:27	1
Di-n-butyl phthalate	1.9	U	1.9	0.34	ug/L		10/20/25 09:28	10/21/25 20:27	1
Di-n-octyl phthalate	4.8	U	4.8	0.19	ug/L		10/20/25 09:28	10/21/25 20:27	1
Fluoranthene	0.48	U	0.48	0.077	ug/L		10/20/25 09:28	10/21/25 20:27	1
Fluorene	0.48	U	0.48	0.056	ug/L		10/20/25 09:28	10/21/25 20:27	1
Hexachlorobenzene	0.48	U	0.48	0.21	ug/L		10/20/25 09:28	10/21/25 20:27	1
Hexachlorobutadiene	0.96	U	0.96	0.096	ug/L		10/20/25 09:28	10/21/25 20:27	1
Hexachlorocyclopentadiene	0.96	U	0.96	0.088	ug/L		10/20/25 09:28	10/21/25 20:27	1
Hexachloroethane	4.8	U	4.8	0.085	ug/L		10/20/25 09:28	10/21/25 20:27	1
Indeno(1,2,3-cd)pyrene	0.48	U	0.48	0.11	ug/L		10/20/25 09:28	10/21/25 20:27	1
Isophorone	**0.12**	**J**	0.48	0.049	ug/L		10/20/25 09:28	10/21/25 20:27	1
Naphthalene	**0.084**	**J**	0.96	0.062	ug/L		10/20/25 09:28	10/21/25 20:27	1
Nitrobenzene	0.48	U	0.48	0.063	ug/L		10/20/25 09:28	10/21/25 20:27	1
N-Nitrosodi-n-propylamine	4.8	U	4.8	0.058	ug/L		10/20/25 09:28	10/21/25 20:27	1
N-Nitrosodiphenylamine	4.8	U	4.8	0.067	ug/L		10/20/25 09:28	10/21/25 20:27	1
Pentachlorophenol	0.96	U	0.96	0.33	ug/L		10/20/25 09:28	10/21/25 20:27	1
Phenanthrene	0.19	U	0.19	0.060	ug/L		10/20/25 09:28	10/21/25 20:27	1
Phenol	0.96	U	0.96	0.096	ug/L		10/20/25 09:28	10/21/25 20:27	1
Pyrene	0.48	U	0.48	0.073	ug/L		10/20/25 09:28	10/21/25 20:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*29*		*26 - 120*	*10/20/25 09:28*	*10/21/25 20:27*	*1*
p-Terphenyl-d14	*63*	*S1-*	*64 - 127*	*10/20/25 09:28*	*10/21/25 20:27*	*1*
Phenol-d5	*13*		*11 - 120*	*10/20/25 09:28*	*10/21/25 20:27*	*1*
2-Fluorophenol	*19*		*10 - 120*	*10/20/25 09:28*	*10/21/25 20:27*	*1*
2,4,6-Tribromophenol	*65*		*24 - 146*	*10/20/25 09:28*	*10/21/25 20:27*	*1*
2-Fluorobiphenyl	*36*	*S1-*	*37 - 120*	*10/20/25 09:28*	*10/21/25 20:27*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.010	U	0.010	0.0041	mg/L			10/21/25 01:47	1

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: MW-36I
Lab Sample ID: 480-233645-8
Date Collected: 10/15/25 12:55
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/22/25 03:25	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 03:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/22/25 03:25	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/22/25 03:25	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/22/25 03:25	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/22/25 03:25	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/22/25 03:25	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/22/25 03:25	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/22/25 03:25	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/22/25 03:25	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 03:25	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/22/25 03:25	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/22/25 03:25	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/22/25 03:25	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/22/25 03:25	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/22/25 03:25	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/22/25 03:25	1
Acetone	10	U	10	3.0	ug/L			10/22/25 03:25	1
Benzene	1.0	U	1.0	0.41	ug/L			10/22/25 03:25	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/22/25 03:25	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/22/25 03:25	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/22/25 03:25	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/22/25 03:25	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/22/25 03:25	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/22/25 03:25	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/22/25 03:25	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/22/25 03:25	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/22/25 03:25	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/22/25 03:25	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/22/25 03:25	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/22/25 03:25	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/22/25 03:25	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/22/25 03:25	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/22/25 03:25	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/22/25 03:25	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/22/25 03:25	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/22/25 03:25	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/22/25 03:25	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/22/25 03:25	1
Styrene	1.0	U	1.0	0.73	ug/L			10/22/25 03:25	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/22/25 03:25	1
Toluene	1.0	U	1.0	0.51	ug/L			10/22/25 03:25	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/22/25 03:25	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/22/25 03:25	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/22/25 03:25	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/22/25 03:25	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/22/25 03:25	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/22/25 03:25	1

Client Sample ID: MW-36I
Lab Sample ID: 480-233645-8
Date Collected: 10/15/25 12:55
Matrix: Water
Date Received: 10/16/25 09:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*90*		*77 - 120*		*10/22/25 03:25*	*1*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*10/22/25 03:25*	*1*
Dibromofluoromethane (Surr)	*91*		*75 - 123*		*10/22/25 03:25*	*1*
Toluene-d8 (Surr)	*90*		*80 - 120*		*10/22/25 03:25*	*1*

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	4.8	U	4.8	0.032	ug/L		10/20/25 09:28	10/21/25 20:53	1
bis (2-chloroisopropyl) ether	4.8	U	4.8	0.082	ug/L		10/20/25 09:28	10/21/25 20:53	1
2,4,5-Trichlorophenol	4.8	U	4.8	0.062	ug/L		10/20/25 09:28	10/21/25 20:53	1
2,4,6-Trichlorophenol	4.8	U	4.8	0.069	ug/L		10/20/25 09:28	10/21/25 20:53	1
2,4-Dichlorophenol	0.48	U	0.48	0.053	ug/L		10/20/25 09:28	10/21/25 20:53	1
2,4-Dimethylphenol	0.95	U	0.95	0.29	ug/L		10/20/25 09:28	10/21/25 20:53	1
2,4-Dinitrophenol	4.8	U	4.8	0.57	ug/L		10/20/25 09:28	10/21/25 20:53	1
2,4-Dinitrotoluene	4.8	U	4.8	0.032	ug/L		10/20/25 09:28	10/21/25 20:53	1
2,6-Dinitrotoluene	4.8	U	4.8	0.087	ug/L		10/20/25 09:28	10/21/25 20:53	1
2-Chloronaphthalene	0.48	U	0.48	0.063	ug/L		10/20/25 09:28	10/21/25 20:53	1
2-Chlorophenol	4.8	U	4.8	0.063	ug/L		10/20/25 09:28	10/21/25 20:53	1
2-Methylnaphthalene	0.48	U	0.48	0.050	ug/L		10/20/25 09:28	10/21/25 20:53	1
2-Methylphenol	0.95	U	0.95	0.13	ug/L		10/20/25 09:28	10/21/25 20:53	1
2-Nitroaniline	4.8	U	4.8	0.090	ug/L		10/20/25 09:28	10/21/25 20:53	1
2-Nitrophenol	4.8	U	4.8	0.059	ug/L		10/20/25 09:28	10/21/25 20:53	1
3,3'-Dichlorobenzidine	4.8	U	4.8	0.21	ug/L		10/20/25 09:28	10/21/25 20:53	1
3-Nitroaniline	4.8	U	4.8	0.12	ug/L		10/20/25 09:28	10/21/25 20:53	1
4,6-Dinitro-2-methylphenol	4.8	U	4.8	0.70	ug/L		10/20/25 09:28	10/21/25 20:53	1
4-Bromophenyl phenyl ether	4.8	U	4.8	0.087	ug/L		10/20/25 09:28	10/21/25 20:53	1
4-Chloro-3-methylphenol	4.8	U	4.8	0.050	ug/L		10/20/25 09:28	10/21/25 20:53	1
4-Chloroaniline	4.8	U	4.8	0.12	ug/L		10/20/25 09:28	10/21/25 20:53	1
4-Chlorophenyl phenyl ether	4.8	U	4.8	0.044	ug/L		10/20/25 09:28	10/21/25 20:53	1
4-Methylphenol	0.95	U	0.95	0.090	ug/L		10/20/25 09:28	10/21/25 20:53	1
4-Nitroaniline	4.8	U	4.8	0.024	ug/L		10/20/25 09:28	10/21/25 20:53	1
4-Nitrophenol	4.8	U	4.8	0.37	ug/L		10/20/25 09:28	10/21/25 20:53	1
Acenaphthene	**0.077**	**J**	0.48	0.034	ug/L		10/20/25 09:28	10/21/25 20:53	1
Acenaphthylene	0.29	U	0.29	0.053	ug/L		10/20/25 09:28	10/21/25 20:53	1
Acetophenone	4.8	U	4.8	0.095	ug/L		10/20/25 09:28	10/21/25 20:53	1
Anthracene	**0.059**	**J**	0.48	0.032	ug/L		10/20/25 09:28	10/21/25 20:53	1
Atrazine	1.9	U	1.9	0.28	ug/L		10/20/25 09:28	10/21/25 20:53	1
Benzaldehyde	4.8	U	4.8	0.071	ug/L		10/20/25 09:28	10/21/25 20:53	1
Benzo(a)anthracene	**0.064**	**J**	0.29	0.032	ug/L		10/20/25 09:28	10/21/25 20:53	1
Benzo(a)pyrene	0.17	U	0.17	0.12	ug/L		10/20/25 09:28	10/21/25 20:53	1
Benzo(b)fluoranthene	0.29	U	0.29	0.060	ug/L		10/20/25 09:28	10/21/25 20:53	1
Benzo(g,h,i)perylene	0.48	U	0.48	0.055	ug/L		10/20/25 09:28	10/21/25 20:53	1
Benzo(k)fluoranthene	0.29	U	0.29	0.067	ug/L		10/20/25 09:28	10/21/25 20:53	1
Bis(2-chloroethoxy)methane	4.8	U	4.8	0.061	ug/L		10/20/25 09:28	10/21/25 20:53	1
Bis(2-chloroethyl)ether	4.8	U	4.8	0.069	ug/L		10/20/25 09:28	10/21/25 20:53	1
Bis(2-ethylhexyl) phthalate	4.8	U	4.8	0.40	ug/L		10/20/25 09:28	10/21/25 20:53	1
Butyl benzyl phthalate	2.9	U	2.9	0.15	ug/L		10/20/25 09:28	10/21/25 20:53	1
Caprolactam	4.8	U *-	4.8	0.21	ug/L		10/20/25 09:28	10/21/25 20:53	1
Carbazole	4.8	U	4.8	0.075	ug/L		10/20/25 09:28	10/21/25 20:53	1
Chrysene	0.48	U	0.48	0.070	ug/L		10/20/25 09:28	10/21/25 20:53	1

Client Sample ID: MW-36I
Lab Sample ID: 480-233645-8
Date Collected: 10/15/25 12:55
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	0.48	U	0.48	0.067	ug/L		10/20/25 09:28	10/21/25 20:53	1
Dibenzofuran	4.8	U	4.8	0.057	ug/L		10/20/25 09:28	10/21/25 20:53	1
Diethyl phthalate	0.48	U	0.48	0.061	ug/L		10/20/25 09:28	10/21/25 20:53	1
Dimethyl phthalate	0.48	U	0.48	0.054	ug/L		10/20/25 09:28	10/21/25 20:53	1
Di-n-butyl phthalate	1.9	U	1.9	0.33	ug/L		10/20/25 09:28	10/21/25 20:53	1
Di-n-octyl phthalate	4.8	U	4.8	0.19	ug/L		10/20/25 09:28	10/21/25 20:53	1
Fluoranthene	**0.14**	**J**	0.48	0.076	ug/L		10/20/25 09:28	10/21/25 20:53	1
Fluorene	0.48	U	0.48	0.055	ug/L		10/20/25 09:28	10/21/25 20:53	1
Hexachlorobenzene	0.48	U	0.48	0.21	ug/L		10/20/25 09:28	10/21/25 20:53	1
Hexachlorobutadiene	0.95	U	0.95	0.095	ug/L		10/20/25 09:28	10/21/25 20:53	1
Hexachlorocyclopentadiene	0.95	U	0.95	0.087	ug/L		10/20/25 09:28	10/21/25 20:53	1
Hexachloroethane	4.8	U	4.8	0.084	ug/L		10/20/25 09:28	10/21/25 20:53	1
Indeno(1,2,3-cd)pyrene	0.48	U	0.48	0.10	ug/L		10/20/25 09:28	10/21/25 20:53	1
Isophorone	0.48	U	0.48	0.049	ug/L		10/20/25 09:28	10/21/25 20:53	1
Naphthalene	0.95	U	0.95	0.061	ug/L		10/20/25 09:28	10/21/25 20:53	1
Nitrobenzene	0.48	U	0.48	0.062	ug/L		10/20/25 09:28	10/21/25 20:53	1
N-Nitrosodi-n-propylamine	4.8	U	4.8	0.057	ug/L		10/20/25 09:28	10/21/25 20:53	1
N-Nitrosodiphenylamine	4.8	U	4.8	0.067	ug/L		10/20/25 09:28	10/21/25 20:53	1
Pentachlorophenol	0.95	U	0.95	0.32	ug/L		10/20/25 09:28	10/21/25 20:53	1
Phenanthrene	**0.10**	**J**	0.19	0.059	ug/L		10/20/25 09:28	10/21/25 20:53	1
Phenol	0.95	U	0.95	0.095	ug/L		10/20/25 09:28	10/21/25 20:53	1
Pyrene	**0.20**	**J**	0.48	0.072	ug/L		10/20/25 09:28	10/21/25 20:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*44*		*26 - 120*	*10/20/25 09:28*	*10/21/25 20:53*	*1*
p-Terphenyl-d14	*84*		*64 - 127*	*10/20/25 09:28*	*10/21/25 20:53*	*1*
Phenol-d5	*18*		*11 - 120*	*10/20/25 09:28*	*10/21/25 20:53*	*1*
2-Fluorophenol	*25*		*10 - 120*	*10/20/25 09:28*	*10/21/25 20:53*	*1*
2,4,6-Tribromophenol	*90*		*24 - 146*	*10/20/25 09:28*	*10/21/25 20:53*	*1*
2-Fluorobiphenyl	*61*		*37 - 120*	*10/20/25 09:28*	*10/21/25 20:53*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.0057**	**J F1**	0.010	0.0041	mg/L			10/21/25 02:06	1

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: MW-36D
Lab Sample ID: 480-233645-9
Date Collected: 10/15/25 10:55
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/22/25 03:48	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 03:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/22/25 03:48	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/22/25 03:48	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/22/25 03:48	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/22/25 03:48	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/22/25 03:48	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/22/25 03:48	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/22/25 03:48	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/22/25 03:48	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 03:48	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/22/25 03:48	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/22/25 03:48	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/22/25 03:48	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/22/25 03:48	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/22/25 03:48	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/22/25 03:48	1
Acetone	10	U	10	3.0	ug/L			10/22/25 03:48	1
Benzene	1.0	U	1.0	0.41	ug/L			10/22/25 03:48	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/22/25 03:48	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/22/25 03:48	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/22/25 03:48	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/22/25 03:48	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/22/25 03:48	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/22/25 03:48	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/22/25 03:48	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/22/25 03:48	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/22/25 03:48	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/22/25 03:48	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/22/25 03:48	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/22/25 03:48	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/22/25 03:48	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/22/25 03:48	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/22/25 03:48	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/22/25 03:48	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/22/25 03:48	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/22/25 03:48	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/22/25 03:48	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/22/25 03:48	1
Styrene	1.0	U	1.0	0.73	ug/L			10/22/25 03:48	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/22/25 03:48	1
Toluene	1.0	U	1.0	0.51	ug/L			10/22/25 03:48	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/22/25 03:48	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/22/25 03:48	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/22/25 03:48	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/22/25 03:48	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/22/25 03:48	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/22/25 03:48	1

Client: Arcadis US Inc
Project/Site: NYSEG Mechanicville Project

Job ID: 480-233645-1

Client Sample ID: MW-36D
Date Collected: 10/15/25 10:55
Date Received: 10/16/25 09:45

Lab Sample ID: 480-233645-9
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*88*		*77 - 120*		*10/22/25 03:48*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*10/22/25 03:48*	*1*
Dibromofluoromethane (Surr)	*93*		*75 - 123*		*10/22/25 03:48*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*10/22/25 03:48*	*1*

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	4.8	U	4.8	0.032	ug/L		10/20/25 09:28	10/21/25 21:19	1
bis (2-chloroisopropyl) ether	4.8	U	4.8	0.082	ug/L		10/20/25 09:28	10/21/25 21:19	1
2,4,5-Trichlorophenol	4.8	U	4.8	0.062	ug/L		10/20/25 09:28	10/21/25 21:19	1
2,4,6-Trichlorophenol	4.8	U	4.8	0.069	ug/L		10/20/25 09:28	10/21/25 21:19	1
2,4-Dichlorophenol	0.48	U	0.48	0.053	ug/L		10/20/25 09:28	10/21/25 21:19	1
2,4-Dimethylphenol	0.95	U	0.95	0.29	ug/L		10/20/25 09:28	10/21/25 21:19	1
2,4-Dinitrophenol	4.8	U	4.8	0.57	ug/L		10/20/25 09:28	10/21/25 21:19	1
2,4-Dinitrotoluene	4.8	U	4.8	0.032	ug/L		10/20/25 09:28	10/21/25 21:19	1
2,6-Dinitrotoluene	4.8	U	4.8	0.087	ug/L		10/20/25 09:28	10/21/25 21:19	1
2-Chloronaphthalene	0.48	U	0.48	0.063	ug/L		10/20/25 09:28	10/21/25 21:19	1
2-Chlorophenol	4.8	U	4.8	0.063	ug/L		10/20/25 09:28	10/21/25 21:19	1
2-Methylnaphthalene	0.48	U	0.48	0.050	ug/L		10/20/25 09:28	10/21/25 21:19	1
2-Methylphenol	0.95	U	0.95	0.13	ug/L		10/20/25 09:28	10/21/25 21:19	1
2-Nitroaniline	4.8	U	4.8	0.090	ug/L		10/20/25 09:28	10/21/25 21:19	1
2-Nitrophenol	4.8	U	4.8	0.059	ug/L		10/20/25 09:28	10/21/25 21:19	1
3,3'-Dichlorobenzidine	4.8	U	4.8	0.21	ug/L		10/20/25 09:28	10/21/25 21:19	1
3-Nitroaniline	4.8	U	4.8	0.12	ug/L		10/20/25 09:28	10/21/25 21:19	1
4,6-Dinitro-2-methylphenol	4.8	U	4.8	0.70	ug/L		10/20/25 09:28	10/21/25 21:19	1
4-Bromophenyl phenyl ether	4.8	U	4.8	0.087	ug/L		10/20/25 09:28	10/21/25 21:19	1
4-Chloro-3-methylphenol	4.8	U	4.8	0.050	ug/L		10/20/25 09:28	10/21/25 21:19	1
4-Chloroaniline	4.8	U	4.8	0.12	ug/L		10/20/25 09:28	10/21/25 21:19	1
4-Chlorophenyl phenyl ether	4.8	U	4.8	0.044	ug/L		10/20/25 09:28	10/21/25 21:19	1
4-Methylphenol	0.95	U	0.95	0.090	ug/L		10/20/25 09:28	10/21/25 21:19	1
4-Nitroaniline	4.8	U	4.8	0.024	ug/L		10/20/25 09:28	10/21/25 21:19	1
4-Nitrophenol	4.8	U	4.8	0.37	ug/L		10/20/25 09:28	10/21/25 21:19	1
Acenaphthene	0.48	U	0.48	0.034	ug/L		10/20/25 09:28	10/21/25 21:19	1
Acenaphthylene	0.29	U	0.29	0.053	ug/L		10/20/25 09:28	10/21/25 21:19	1
Acetophenone	4.8	U	4.8	0.095	ug/L		10/20/25 09:28	10/21/25 21:19	1
Anthracene	0.48	U	0.48	0.032	ug/L		10/20/25 09:28	10/21/25 21:19	1
Atrazine	1.9	U	1.9	0.28	ug/L		10/20/25 09:28	10/21/25 21:19	1
Benzaldehyde	4.8	U	4.8	0.071	ug/L		10/20/25 09:28	10/21/25 21:19	1
Benzo(a)anthracene	0.29	U	0.29	0.032	ug/L		10/20/25 09:28	10/21/25 21:19	1
Benzo(a)pyrene	0.17	U	0.17	0.12	ug/L		10/20/25 09:28	10/21/25 21:19	1
Benzo(b)fluoranthene	0.29	U	0.29	0.060	ug/L		10/20/25 09:28	10/21/25 21:19	1
Benzo(g,h,i)perylene	0.48	U	0.48	0.055	ug/L		10/20/25 09:28	10/21/25 21:19	1
Benzo(k)fluoranthene	0.29	U	0.29	0.067	ug/L		10/20/25 09:28	10/21/25 21:19	1
Bis(2-chloroethoxy)methane	4.8	U	4.8	0.061	ug/L		10/20/25 09:28	10/21/25 21:19	1
Bis(2-chloroethyl)ether	4.8	U	4.8	0.069	ug/L		10/20/25 09:28	10/21/25 21:19	1
Bis(2-ethylhexyl) phthalate	4.8	U	4.8	0.40	ug/L		10/20/25 09:28	10/21/25 21:19	1
Butyl benzyl phthalate	2.9	U	2.9	0.15	ug/L		10/20/25 09:28	10/21/25 21:19	1
Caprolactam	**0.31**	**J *-**	4.8	0.21	ug/L		10/20/25 09:28	10/21/25 21:19	1
Carbazole	4.8	U	4.8	0.075	ug/L		10/20/25 09:28	10/21/25 21:19	1
Chrysene	0.48	U	0.48	0.070	ug/L		10/20/25 09:28	10/21/25 21:19	1

Client Sample ID: MW-36D
Lab Sample ID: 480-233645-9
Date Collected: 10/15/25 10:55
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	0.48	U	0.48	0.067	ug/L		10/20/25 09:28	10/21/25 21:19	1
Dibenzofuran	4.8	U	4.8	0.057	ug/L		10/20/25 09:28	10/21/25 21:19	1
Diethyl phthalate	0.48	U	0.48	0.061	ug/L		10/20/25 09:28	10/21/25 21:19	1
Dimethyl phthalate	0.48	U	0.48	0.054	ug/L		10/20/25 09:28	10/21/25 21:19	1
Di-n-butyl phthalate	1.9	U	1.9	0.33	ug/L		10/20/25 09:28	10/21/25 21:19	1
Di-n-octyl phthalate	4.8	U	4.8	0.19	ug/L		10/20/25 09:28	10/21/25 21:19	1
Fluoranthene	0.48	U	0.48	0.076	ug/L		10/20/25 09:28	10/21/25 21:19	1
Fluorene	0.48	U	0.48	0.055	ug/L		10/20/25 09:28	10/21/25 21:19	1
Hexachlorobenzene	0.48	U	0.48	0.21	ug/L		10/20/25 09:28	10/21/25 21:19	1
Hexachlorobutadiene	0.95	U	0.95	0.095	ug/L		10/20/25 09:28	10/21/25 21:19	1
Hexachlorocyclopentadiene	0.95	U	0.95	0.087	ug/L		10/20/25 09:28	10/21/25 21:19	1
Hexachloroethane	4.8	U	4.8	0.084	ug/L		10/20/25 09:28	10/21/25 21:19	1
Indeno(1,2,3-cd)pyrene	0.48	U	0.48	0.10	ug/L		10/20/25 09:28	10/21/25 21:19	1
Isophorone	**0.095**	**J**	0.48	0.049	ug/L		10/20/25 09:28	10/21/25 21:19	1
Naphthalene	0.95	U	0.95	0.061	ug/L		10/20/25 09:28	10/21/25 21:19	1
Nitrobenzene	0.48	U	0.48	0.062	ug/L		10/20/25 09:28	10/21/25 21:19	1
N-Nitrosodi-n-propylamine	4.8	U	4.8	0.057	ug/L		10/20/25 09:28	10/21/25 21:19	1
N-Nitrosodiphenylamine	4.8	U	4.8	0.067	ug/L		10/20/25 09:28	10/21/25 21:19	1
Pentachlorophenol	0.95	U	0.95	0.32	ug/L		10/20/25 09:28	10/21/25 21:19	1
Phenanthrene	0.19	U	0.19	0.059	ug/L		10/20/25 09:28	10/21/25 21:19	1
Phenol	0.95	U	0.95	0.095	ug/L		10/20/25 09:28	10/21/25 21:19	1
Pyrene	0.48	U	0.48	0.072	ug/L		10/20/25 09:28	10/21/25 21:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*32*		*26 - 120*	*10/20/25 09:28*	*10/21/25 21:19*	*1*
p-Terphenyl-d14	*72*		*64 - 127*	*10/20/25 09:28*	*10/21/25 21:19*	*1*
Phenol-d5	*15*		*11 - 120*	*10/20/25 09:28*	*10/21/25 21:19*	*1*
2-Fluorophenol	*20*		*10 - 120*	*10/20/25 09:28*	*10/21/25 21:19*	*1*
2,4,6-Tribromophenol	*86*		*24 - 146*	*10/20/25 09:28*	*10/21/25 21:19*	*1*
2-Fluorobiphenyl	*44*		*37 - 120*	*10/20/25 09:28*	*10/21/25 21:19*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.010	U	0.010	0.0041	mg/L			10/21/25 02:11	1

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: MW-38I
Lab Sample ID: 480-233645-10
Date Collected: 10/14/25 16:10
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/22/25 04:12	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 04:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/22/25 04:12	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/22/25 04:12	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/22/25 04:12	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/22/25 04:12	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/22/25 04:12	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/22/25 04:12	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/22/25 04:12	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/22/25 04:12	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 04:12	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/22/25 04:12	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/22/25 04:12	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/22/25 04:12	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/22/25 04:12	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/22/25 04:12	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/22/25 04:12	1
Acetone	10	U	10	3.0	ug/L			10/22/25 04:12	1
Benzene	1.0	U	1.0	0.41	ug/L			10/22/25 04:12	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/22/25 04:12	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/22/25 04:12	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/22/25 04:12	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/22/25 04:12	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/22/25 04:12	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/22/25 04:12	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/22/25 04:12	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/22/25 04:12	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/22/25 04:12	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/22/25 04:12	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/22/25 04:12	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/22/25 04:12	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/22/25 04:12	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/22/25 04:12	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/22/25 04:12	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/22/25 04:12	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/22/25 04:12	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/22/25 04:12	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/22/25 04:12	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/22/25 04:12	1
Styrene	1.0	U	1.0	0.73	ug/L			10/22/25 04:12	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/22/25 04:12	1
Toluene	1.0	U	1.0	0.51	ug/L			10/22/25 04:12	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/22/25 04:12	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/22/25 04:12	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/22/25 04:12	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/22/25 04:12	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/22/25 04:12	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/22/25 04:12	1

Client Sample ID: MW-38I
Lab Sample ID: 480-233645-10
Date Collected: 10/14/25 16:10
Matrix: Water
Date Received: 10/16/25 09:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		77 - 120		10/22/25 04:12	1
4-Bromofluorobenzene (Surr)	95		73 - 120		10/22/25 04:12	1
Dibromofluoromethane (Surr)	96		75 - 123		10/22/25 04:12	1
Toluene-d8 (Surr)	89		80 - 120		10/22/25 04:12	1

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	48	U	48	0.33	ug/L		10/20/25 09:28	10/21/25 21:46	10
bis (2-chloroisopropyl) ether	48	U	48	0.83	ug/L		10/20/25 09:28	10/21/25 21:46	10
2,4,5-Trichlorophenol	48	U	48	0.63	ug/L		10/20/25 09:28	10/21/25 21:46	10
2,4,6-Trichlorophenol	48	U	48	0.69	ug/L		10/20/25 09:28	10/21/25 21:46	10
2,4-Dichlorophenol	4.8	U	4.8	0.54	ug/L		10/20/25 09:28	10/21/25 21:46	10
2,4-Dimethylphenol	9.6	U	9.6	2.9	ug/L		10/20/25 09:28	10/21/25 21:46	10
2,4-Dinitrophenol	48	U	48	5.8	ug/L		10/20/25 09:28	10/21/25 21:46	10
2,4-Dinitrotoluene	48	U	48	0.33	ug/L		10/20/25 09:28	10/21/25 21:46	10
2,6-Dinitrotoluene	48	U	48	0.88	ug/L		10/20/25 09:28	10/21/25 21:46	10
2-Chloronaphthalene	4.8	U	4.8	0.63	ug/L		10/20/25 09:28	10/21/25 21:46	10
2-Chlorophenol	48	U	48	0.63	ug/L		10/20/25 09:28	10/21/25 21:46	10
2-Methylnaphthalene	4.8	U	4.8	0.50	ug/L		10/20/25 09:28	10/21/25 21:46	10
2-Methylphenol	9.6	U	9.6	1.3	ug/L		10/20/25 09:28	10/21/25 21:46	10
2-Nitroaniline	48	U	48	0.91	ug/L		10/20/25 09:28	10/21/25 21:46	10
2-Nitrophenol	48	U	48	0.60	ug/L		10/20/25 09:28	10/21/25 21:46	10
3,3'-Dichlorobenzidine	48	U	48	2.1	ug/L		10/20/25 09:28	10/21/25 21:46	10
3-Nitroaniline	48	U	48	1.3	ug/L		10/20/25 09:28	10/21/25 21:46	10
4,6-Dinitro-2-methylphenol	48	U	48	7.1	ug/L		10/20/25 09:28	10/21/25 21:46	10
4-Bromophenyl phenyl ether	48	U	48	0.88	ug/L		10/20/25 09:28	10/21/25 21:46	10
4-Chloro-3-methylphenol	48	U	48	0.51	ug/L		10/20/25 09:28	10/21/25 21:46	10
4-Chloroaniline	48	U	48	1.3	ug/L		10/20/25 09:28	10/21/25 21:46	10
4-Chlorophenyl phenyl ether	48	U	48	0.44	ug/L		10/20/25 09:28	10/21/25 21:46	10
4-Methylphenol	9.6	U	9.6	0.90	ug/L		10/20/25 09:28	10/21/25 21:46	10
4-Nitroaniline	48	U	48	0.24	ug/L		10/20/25 09:28	10/21/25 21:46	10
4-Nitrophenol	48	U	48	3.8	ug/L		10/20/25 09:28	10/21/25 21:46	10
Acenaphthene	4.8	U	4.8	0.35	ug/L		10/20/25 09:28	10/21/25 21:46	10
Acenaphthylene	2.9	U	2.9	0.54	ug/L		10/20/25 09:28	10/21/25 21:46	10
Acetophenone	48	U	48	0.96	ug/L		10/20/25 09:28	10/21/25 21:46	10
Anthracene	4.8	U	4.8	0.33	ug/L		10/20/25 09:28	10/21/25 21:46	10
Atrazine	19	U	19	2.8	ug/L		10/20/25 09:28	10/21/25 21:46	10
Benzaldehyde	48	U	48	0.72	ug/L		10/20/25 09:28	10/21/25 21:46	10
Benzo(a)anthracene	2.9	U	2.9	0.33	ug/L		10/20/25 09:28	10/21/25 21:46	10
Benzo(a)pyrene	1.7	U	1.7	1.3	ug/L		10/20/25 09:28	10/21/25 21:46	10
Benzo(b)fluoranthene	2.9	U	2.9	0.61	ug/L		10/20/25 09:28	10/21/25 21:46	10
Benzo(g,h,i)perylene	4.8	U	4.8	0.56	ug/L		10/20/25 09:28	10/21/25 21:46	10
Benzo(k)fluoranthene	2.9	U	2.9	0.67	ug/L		10/20/25 09:28	10/21/25 21:46	10
Bis(2-chloroethoxy)methane	48	U	48	0.62	ug/L		10/20/25 09:28	10/21/25 21:46	10
Bis(2-chloroethyl)ether	48	U	48	0.69	ug/L		10/20/25 09:28	10/21/25 21:46	10
Bis(2-ethylhexyl) phthalate	48	U	48	4.0	ug/L		10/20/25 09:28	10/21/25 21:46	10
Butyl benzyl phthalate	29	U	29	1.5	ug/L		10/20/25 09:28	10/21/25 21:46	10
Caprolactam	48	U *-	48	2.1	ug/L		10/20/25 09:28	10/21/25 21:46	10
Carbazole	48	U	48	0.76	ug/L		10/20/25 09:28	10/21/25 21:46	10
Chrysene	4.8	U	4.8	0.71	ug/L		10/20/25 09:28	10/21/25 21:46	10

Client Sample ID: MW-38I
Lab Sample ID: 480-233645-10
Date Collected: 10/14/25 16:10
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	4.8	U	4.8	0.67	ug/L		10/20/25 09:28	10/21/25 21:46	10
Dibenzofuran	48	U	48	0.58	ug/L		10/20/25 09:28	10/21/25 21:46	10
Diethyl phthalate	4.8	U	4.8	0.62	ug/L		10/20/25 09:28	10/21/25 21:46	10
Dimethyl phthalate	4.8	U	4.8	0.55	ug/L		10/20/25 09:28	10/21/25 21:46	10
Di-n-butyl phthalate	19	U	19	3.4	ug/L		10/20/25 09:28	10/21/25 21:46	10
Di-n-octyl phthalate	48	U	48	1.9	ug/L		10/20/25 09:28	10/21/25 21:46	10
Fluoranthene	4.8	U	4.8	0.77	ug/L		10/20/25 09:28	10/21/25 21:46	10
Fluorene	4.8	U	4.8	0.56	ug/L		10/20/25 09:28	10/21/25 21:46	10
Hexachlorobenzene	4.8	U	4.8	2.1	ug/L		10/20/25 09:28	10/21/25 21:46	10
Hexachlorobutadiene	9.6	U	9.6	0.96	ug/L		10/20/25 09:28	10/21/25 21:46	10
Hexachlorocyclopentadiene	9.6	U	9.6	0.88	ug/L		10/20/25 09:28	10/21/25 21:46	10
Hexachloroethane	48	U	48	0.85	ug/L		10/20/25 09:28	10/21/25 21:46	10
Indeno(1,2,3-cd)pyrene	4.8	U	4.8	1.1	ug/L		10/20/25 09:28	10/21/25 21:46	10
Isophorone	4.8	U	4.8	0.49	ug/L		10/20/25 09:28	10/21/25 21:46	10
Naphthalene	9.6	U	9.6	0.62	ug/L		10/20/25 09:28	10/21/25 21:46	10
Nitrobenzene	4.8	U	4.8	0.63	ug/L		10/20/25 09:28	10/21/25 21:46	10
N-Nitrosodi-n-propylamine	48	U	48	0.58	ug/L		10/20/25 09:28	10/21/25 21:46	10
N-Nitrosodiphenylamine	48	U	48	0.67	ug/L		10/20/25 09:28	10/21/25 21:46	10
Pentachlorophenol	9.6	U	9.6	3.3	ug/L		10/20/25 09:28	10/21/25 21:46	10
Phenanthrene	1.9	U	1.9	0.60	ug/L		10/20/25 09:28	10/21/25 21:46	10
Phenol	9.6	U	9.6	0.96	ug/L		10/20/25 09:28	10/21/25 21:46	10
Pyrene	4.8	U	4.8	0.73	ug/L		10/20/25 09:28	10/21/25 21:46	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*41*		*26 - 120*	*10/20/25 09:28*	*10/21/25 21:46*	*10*
p-Terphenyl-d14	*62*	*S1-*	*64 - 127*	*10/20/25 09:28*	*10/21/25 21:46*	*10*
Phenol-d5	*21*		*11 - 120*	*10/20/25 09:28*	*10/21/25 21:46*	*10*
2-Fluorophenol	*30*		*10 - 120*	*10/20/25 09:28*	*10/21/25 21:46*	*10*
2,4,6-Tribromophenol	*67*		*24 - 146*	*10/20/25 09:28*	*10/21/25 21:46*	*10*
2-Fluorobiphenyl	*48*		*37 - 120*	*10/20/25 09:28*	*10/21/25 21:46*	*10*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.0049**	**J**	0.010	0.0041	mg/L			10/21/25 02:14	1

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: MW-38D
Lab Sample ID: 480-233645-11
Date Collected: 10/14/25 13:50
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/22/25 04:37	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 04:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/22/25 04:37	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/22/25 04:37	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/22/25 04:37	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/22/25 04:37	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/22/25 04:37	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/22/25 04:37	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/22/25 04:37	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/22/25 04:37	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 04:37	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/22/25 04:37	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/22/25 04:37	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/22/25 04:37	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/22/25 04:37	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/22/25 04:37	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/22/25 04:37	1
Acetone	10	U	10	3.0	ug/L			10/22/25 04:37	1
Benzene	1.0	U	1.0	0.41	ug/L			10/22/25 04:37	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/22/25 04:37	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/22/25 04:37	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/22/25 04:37	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/22/25 04:37	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/22/25 04:37	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/22/25 04:37	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/22/25 04:37	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/22/25 04:37	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/22/25 04:37	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/22/25 04:37	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/22/25 04:37	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/22/25 04:37	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/22/25 04:37	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/22/25 04:37	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/22/25 04:37	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/22/25 04:37	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/22/25 04:37	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/22/25 04:37	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/22/25 04:37	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/22/25 04:37	1
Styrene	1.0	U	1.0	0.73	ug/L			10/22/25 04:37	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/22/25 04:37	1
Toluene	1.0	U	1.0	0.51	ug/L			10/22/25 04:37	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/22/25 04:37	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/22/25 04:37	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/22/25 04:37	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/22/25 04:37	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/22/25 04:37	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/22/25 04:37	1

Client Sample ID: MW-38D
Lab Sample ID: 480-233645-11
Date Collected: 10/14/25 13:50
Matrix: Water
Date Received: 10/16/25 09:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*91*		*77 - 120*		*10/22/25 04:37*	*1*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*10/22/25 04:37*	*1*
Dibromofluoromethane (Surr)	*92*		*75 - 123*		*10/22/25 04:37*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*10/22/25 04:37*	*1*

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	24	U	24	0.16	ug/L		10/20/25 09:28	10/21/25 17:24	5
bis (2-chloroisopropyl) ether	24	U	24	0.41	ug/L		10/20/25 09:28	10/21/25 17:24	5
2,4,5-Trichlorophenol	24	U	24	0.31	ug/L		10/20/25 09:28	10/21/25 17:24	5
2,4,6-Trichlorophenol	24	U	24	0.34	ug/L		10/20/25 09:28	10/21/25 17:24	5
2,4-Dichlorophenol	2.4	U	2.4	0.27	ug/L		10/20/25 09:28	10/21/25 17:24	5
2,4-Dimethylphenol	4.8	U	4.8	1.4	ug/L		10/20/25 09:28	10/21/25 17:24	5
2,4-Dinitrophenol	24	U	24	2.9	ug/L		10/20/25 09:28	10/21/25 17:24	5
2,4-Dinitrotoluene	24	U	24	0.16	ug/L		10/20/25 09:28	10/21/25 17:24	5
2,6-Dinitrotoluene	24	U	24	0.43	ug/L		10/20/25 09:28	10/21/25 17:24	5
2-Chloronaphthalene	2.4	U	2.4	0.31	ug/L		10/20/25 09:28	10/21/25 17:24	5
2-Chlorophenol	24	U	24	0.31	ug/L		10/20/25 09:28	10/21/25 17:24	5
2-Methylnaphthalene	2.4	U	2.4	0.25	ug/L		10/20/25 09:28	10/21/25 17:24	5
2-Methylphenol	4.8	U	4.8	0.67	ug/L		10/20/25 09:28	10/21/25 17:24	5
2-Nitroaniline	24	U	24	0.45	ug/L		10/20/25 09:28	10/21/25 17:24	5
2-Nitrophenol	24	U	24	0.30	ug/L		10/20/25 09:28	10/21/25 17:24	5
3,3'-Dichlorobenzidine	24	U	24	1.0	ug/L		10/20/25 09:28	10/21/25 17:24	5
3-Nitroaniline	24	U	24	0.62	ug/L		10/20/25 09:28	10/21/25 17:24	5
4,6-Dinitro-2-methylphenol	24	U	24	3.5	ug/L		10/20/25 09:28	10/21/25 17:24	5
4-Bromophenyl phenyl ether	24	U	24	0.43	ug/L		10/20/25 09:28	10/21/25 17:24	5
4-Chloro-3-methylphenol	24	U	24	0.25	ug/L		10/20/25 09:28	10/21/25 17:24	5
4-Chloroaniline	24	U	24	0.62	ug/L		10/20/25 09:28	10/21/25 17:24	5
4-Chlorophenyl phenyl ether	24	U	24	0.22	ug/L		10/20/25 09:28	10/21/25 17:24	5
4-Methylphenol	4.8	U	4.8	0.45	ug/L		10/20/25 09:28	10/21/25 17:24	5
4-Nitroaniline	24	U	24	0.12	ug/L		10/20/25 09:28	10/21/25 17:24	5
4-Nitrophenol	24	U	24	1.9	ug/L		10/20/25 09:28	10/21/25 17:24	5
Acenaphthene	2.4	U	2.4	0.17	ug/L		10/20/25 09:28	10/21/25 17:24	5
Acenaphthylene	1.4	U	1.4	0.27	ug/L		10/20/25 09:28	10/21/25 17:24	5
Acetophenone	24	U	24	0.48	ug/L		10/20/25 09:28	10/21/25 17:24	5
Anthracene	2.4	U	2.4	0.16	ug/L		10/20/25 09:28	10/21/25 17:24	5
Atrazine	9.5	U	9.5	1.4	ug/L		10/20/25 09:28	10/21/25 17:24	5
Benzaldehyde	24	U	24	0.36	ug/L		10/20/25 09:28	10/21/25 17:24	5
Benzo(a)anthracene	1.4	U	1.4	0.16	ug/L		10/20/25 09:28	10/21/25 17:24	5
Benzo(a)pyrene	0.86	U	0.86	0.62	ug/L		10/20/25 09:28	10/21/25 17:24	5
Benzo(b)fluoranthene	1.4	U	1.4	0.30	ug/L		10/20/25 09:28	10/21/25 17:24	5
Benzo(g,h,i)perylene	2.4	U	2.4	0.28	ug/L		10/20/25 09:28	10/21/25 17:24	5
Benzo(k)fluoranthene	1.4	U	1.4	0.33	ug/L		10/20/25 09:28	10/21/25 17:24	5
Bis(2-chloroethoxy)methane	24	U	24	0.30	ug/L		10/20/25 09:28	10/21/25 17:24	5
Bis(2-chloroethyl)ether	24	U	24	0.34	ug/L		10/20/25 09:28	10/21/25 17:24	5
Bis(2-ethylhexyl) phthalate	24	U	24	2.0	ug/L		10/20/25 09:28	10/21/25 17:24	5
Butyl benzyl phthalate	14	U	14	0.76	ug/L		10/20/25 09:28	10/21/25 17:24	5
Caprolactam	24	U F1 *-	24	1.0	ug/L		10/20/25 09:28	10/21/25 17:24	5
Carbazole	24	U	24	0.38	ug/L		10/20/25 09:28	10/21/25 17:24	5
Chrysene	2.4	U	2.4	0.35	ug/L		10/20/25 09:28	10/21/25 17:24	5

Client Sample ID: MW-38D
Lab Sample ID: 480-233645-11
Date Collected: 10/14/25 13:50
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	2.4	U	2.4	0.33	ug/L		10/20/25 09:28	10/21/25 17:24	5
Dibenzofuran	24	U	24	0.29	ug/L		10/20/25 09:28	10/21/25 17:24	5
Diethyl phthalate	2.4	U	2.4	0.30	ug/L		10/20/25 09:28	10/21/25 17:24	5
Dimethyl phthalate	2.4	U	2.4	0.27	ug/L		10/20/25 09:28	10/21/25 17:24	5
Di-n-butyl phthalate	9.5	U	9.5	1.7	ug/L		10/20/25 09:28	10/21/25 17:24	5
Di-n-octyl phthalate	24	U	24	0.95	ug/L		10/20/25 09:28	10/21/25 17:24	5
Fluoranthene	2.4	U	2.4	0.38	ug/L		10/20/25 09:28	10/21/25 17:24	5
Fluorene	2.4	U	2.4	0.28	ug/L		10/20/25 09:28	10/21/25 17:24	5
Hexachlorobenzene	2.4	U	2.4	1.0	ug/L		10/20/25 09:28	10/21/25 17:24	5
Hexachlorobutadiene	4.8	U	4.8	0.48	ug/L		10/20/25 09:28	10/21/25 17:24	5
Hexachlorocyclopentadiene	4.8	U	4.8	0.43	ug/L		10/20/25 09:28	10/21/25 17:24	5
Hexachloroethane	24	U	24	0.42	ug/L		10/20/25 09:28	10/21/25 17:24	5
Indeno(1,2,3-cd)pyrene	2.4	U	2.4	0.52	ug/L		10/20/25 09:28	10/21/25 17:24	5
Isophorone	2.4	U	2.4	0.24	ug/L		10/20/25 09:28	10/21/25 17:24	5
Naphthalene	4.8	U	4.8	0.30	ug/L		10/20/25 09:28	10/21/25 17:24	5
Nitrobenzene	2.4	U	2.4	0.31	ug/L		10/20/25 09:28	10/21/25 17:24	5
N-Nitrosodi-n-propylamine	24	U	24	0.29	ug/L		10/20/25 09:28	10/21/25 17:24	5
N-Nitrosodiphenylamine	24	U	24	0.33	ug/L		10/20/25 09:28	10/21/25 17:24	5
Pentachlorophenol	4.8	U	4.8	1.6	ug/L		10/20/25 09:28	10/21/25 17:24	5
Phenanthrene	0.95	U	0.95	0.30	ug/L		10/20/25 09:28	10/21/25 17:24	5
Phenol	4.8	U	4.8	0.48	ug/L		10/20/25 09:28	10/21/25 17:24	5
Pyrene	2.4	U	2.4	0.36	ug/L		10/20/25 09:28	10/21/25 17:24	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*61*		*26 - 120*	*10/20/25 09:28*	*10/21/25 17:24*	*5*
p-Terphenyl-d14	*83*		*64 - 127*	*10/20/25 09:28*	*10/21/25 17:24*	*5*
Phenol-d5	*27*		*11 - 120*	*10/20/25 09:28*	*10/21/25 17:24*	*5*
2-Fluorophenol	*39*		*10 - 120*	*10/20/25 09:28*	*10/21/25 17:24*	*5*
2,4,6-Tribromophenol	*76*		*24 - 146*	*10/20/25 09:28*	*10/21/25 17:24*	*5*
2-Fluorobiphenyl	*78*		*37 - 120*	*10/20/25 09:28*	*10/21/25 17:24*	*5*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.0071**	**J F1**	0.010	0.0041	mg/L			10/21/25 02:38	1

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: MW-39D
Lab Sample ID: 480-233645-12
Date Collected: 10/14/25 17:50
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/22/25 05:01	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 05:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/22/25 05:01	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/22/25 05:01	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/22/25 05:01	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/22/25 05:01	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/22/25 05:01	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/22/25 05:01	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/22/25 05:01	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/22/25 05:01	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 05:01	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/22/25 05:01	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/22/25 05:01	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/22/25 05:01	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/22/25 05:01	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/22/25 05:01	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/22/25 05:01	1
Acetone	10	U	10	3.0	ug/L			10/22/25 05:01	1
Benzene	1.0	U	1.0	0.41	ug/L			10/22/25 05:01	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/22/25 05:01	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/22/25 05:01	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/22/25 05:01	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/22/25 05:01	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/22/25 05:01	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/22/25 05:01	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/22/25 05:01	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/22/25 05:01	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/22/25 05:01	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/22/25 05:01	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/22/25 05:01	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/22/25 05:01	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/22/25 05:01	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/22/25 05:01	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/22/25 05:01	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/22/25 05:01	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/22/25 05:01	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/22/25 05:01	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/22/25 05:01	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/22/25 05:01	1
Styrene	1.0	U	1.0	0.73	ug/L			10/22/25 05:01	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/22/25 05:01	1
Toluene	1.0	U	1.0	0.51	ug/L			10/22/25 05:01	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/22/25 05:01	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/22/25 05:01	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/22/25 05:01	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/22/25 05:01	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/22/25 05:01	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/22/25 05:01	1

Client Sample ID: MW-39D
Lab Sample ID: 480-233645-12
Date Collected: 10/14/25 17:50
Matrix: Water
Date Received: 10/16/25 09:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*91*		*77 - 120*		*10/22/25 05:01*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*10/22/25 05:01*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 123*		*10/22/25 05:01*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*10/22/25 05:01*	*1*

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	24	U	24	0.16	ug/L		10/20/25 09:28	10/22/25 00:48	5
bis (2-chloroisopropyl) ether	24	U	24	0.41	ug/L		10/20/25 09:28	10/22/25 00:48	5
2,4,5-Trichlorophenol	24	U	24	0.31	ug/L		10/20/25 09:28	10/22/25 00:48	5
2,4,6-Trichlorophenol	24	U	24	0.34	ug/L		10/20/25 09:28	10/22/25 00:48	5
2,4-Dichlorophenol	2.4	U	2.4	0.27	ug/L		10/20/25 09:28	10/22/25 00:48	5
2,4-Dimethylphenol	4.8	U	4.8	1.4	ug/L		10/20/25 09:28	10/22/25 00:48	5
2,4-Dinitrophenol	24	U	24	2.9	ug/L		10/20/25 09:28	10/22/25 00:48	5
2,4-Dinitrotoluene	24	U	24	0.16	ug/L		10/20/25 09:28	10/22/25 00:48	5
2,6-Dinitrotoluene	24	U	24	0.43	ug/L		10/20/25 09:28	10/22/25 00:48	5
2-Chloronaphthalene	2.4	U	2.4	0.31	ug/L		10/20/25 09:28	10/22/25 00:48	5
2-Chlorophenol	24	U	24	0.31	ug/L		10/20/25 09:28	10/22/25 00:48	5
2-Methylnaphthalene	2.4	U	2.4	0.25	ug/L		10/20/25 09:28	10/22/25 00:48	5
2-Methylphenol	4.8	U	4.8	0.67	ug/L		10/20/25 09:28	10/22/25 00:48	5
2-Nitroaniline	24	U	24	0.45	ug/L		10/20/25 09:28	10/22/25 00:48	5
2-Nitrophenol	24	U	24	0.30	ug/L		10/20/25 09:28	10/22/25 00:48	5
3,3'-Dichlorobenzidine	24	U	24	1.0	ug/L		10/20/25 09:28	10/22/25 00:48	5
3-Nitroaniline	24	U	24	0.62	ug/L		10/20/25 09:28	10/22/25 00:48	5
4,6-Dinitro-2-methylphenol	24	U	24	3.5	ug/L		10/20/25 09:28	10/22/25 00:48	5
4-Bromophenyl phenyl ether	24	U	24	0.43	ug/L		10/20/25 09:28	10/22/25 00:48	5
4-Chloro-3-methylphenol	24	U	24	0.25	ug/L		10/20/25 09:28	10/22/25 00:48	5
4-Chloroaniline	24	U	24	0.62	ug/L		10/20/25 09:28	10/22/25 00:48	5
4-Chlorophenyl phenyl ether	24	U	24	0.22	ug/L		10/20/25 09:28	10/22/25 00:48	5
4-Methylphenol	4.8	U	4.8	0.45	ug/L		10/20/25 09:28	10/22/25 00:48	5
4-Nitroaniline	24	U	24	0.12	ug/L		10/20/25 09:28	10/22/25 00:48	5
4-Nitrophenol	24	U	24	1.9	ug/L		10/20/25 09:28	10/22/25 00:48	5
Acenaphthene	2.4	U	2.4	0.17	ug/L		10/20/25 09:28	10/22/25 00:48	5
Acenaphthylene	1.4	U	1.4	0.27	ug/L		10/20/25 09:28	10/22/25 00:48	5
Acetophenone	24	U	24	0.48	ug/L		10/20/25 09:28	10/22/25 00:48	5
Anthracene	2.4	U	2.4	0.16	ug/L		10/20/25 09:28	10/22/25 00:48	5
Atrazine	9.5	U	9.5	1.4	ug/L		10/20/25 09:28	10/22/25 00:48	5
Benzaldehyde	24	U	24	0.36	ug/L		10/20/25 09:28	10/22/25 00:48	5
Benzo(a)anthracene	1.4	U	1.4	0.16	ug/L		10/20/25 09:28	10/22/25 00:48	5
Benzo(a)pyrene	0.86	U	0.86	0.62	ug/L		10/20/25 09:28	10/22/25 00:48	5
Benzo(b)fluoranthene	1.4	U	1.4	0.30	ug/L		10/20/25 09:28	10/22/25 00:48	5
Benzo(g,h,i)perylene	2.4	U	2.4	0.28	ug/L		10/20/25 09:28	10/22/25 00:48	5
Benzo(k)fluoranthene	1.4	U	1.4	0.33	ug/L		10/20/25 09:28	10/22/25 00:48	5
Bis(2-chloroethoxy)methane	24	U	24	0.30	ug/L		10/20/25 09:28	10/22/25 00:48	5
Bis(2-chloroethyl)ether	24	U	24	0.34	ug/L		10/20/25 09:28	10/22/25 00:48	5
Bis(2-ethylhexyl) phthalate	24	U	24	2.0	ug/L		10/20/25 09:28	10/22/25 00:48	5
Butyl benzyl phthalate	14	U	14	0.76	ug/L		10/20/25 09:28	10/22/25 00:48	5
Caprolactam	**1.3**	**J *-**	24	1.0	ug/L		10/20/25 09:28	10/22/25 00:48	5
Carbazole	24	U	24	0.38	ug/L		10/20/25 09:28	10/22/25 00:48	5
Chrysene	2.4	U	2.4	0.35	ug/L		10/20/25 09:28	10/22/25 00:48	5

Client Sample ID: MW-39D
Lab Sample ID: 480-233645-12
Date Collected: 10/14/25 17:50
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	2.4	U	2.4	0.33	ug/L		10/20/25 09:28	10/22/25 00:48	5
Dibenzofuran	24	U	24	0.29	ug/L		10/20/25 09:28	10/22/25 00:48	5
Diethyl phthalate	2.4	U	2.4	0.30	ug/L		10/20/25 09:28	10/22/25 00:48	5
Dimethyl phthalate	2.4	U	2.4	0.27	ug/L		10/20/25 09:28	10/22/25 00:48	5
Di-n-butyl phthalate	9.5	U	9.5	1.7	ug/L		10/20/25 09:28	10/22/25 00:48	5
Di-n-octyl phthalate	24	U	24	0.95	ug/L		10/20/25 09:28	10/22/25 00:48	5
Fluoranthene	2.4	U	2.4	0.38	ug/L		10/20/25 09:28	10/22/25 00:48	5
Fluorene	2.4	U	2.4	0.28	ug/L		10/20/25 09:28	10/22/25 00:48	5
Hexachlorobenzene	2.4	U	2.4	1.0	ug/L		10/20/25 09:28	10/22/25 00:48	5
Hexachlorobutadiene	4.8	U	4.8	0.48	ug/L		10/20/25 09:28	10/22/25 00:48	5
Hexachlorocyclopentadiene	4.8	U	4.8	0.43	ug/L		10/20/25 09:28	10/22/25 00:48	5
Hexachloroethane	24	U	24	0.42	ug/L		10/20/25 09:28	10/22/25 00:48	5
Indeno(1,2,3-cd)pyrene	2.4	U	2.4	0.52	ug/L		10/20/25 09:28	10/22/25 00:48	5
Isophorone	2.4	U	2.4	0.24	ug/L		10/20/25 09:28	10/22/25 00:48	5
Naphthalene	4.8	U	4.8	0.30	ug/L		10/20/25 09:28	10/22/25 00:48	5
Nitrobenzene	2.4	U	2.4	0.31	ug/L		10/20/25 09:28	10/22/25 00:48	5
N-Nitrosodi-n-propylamine	24	U	24	0.29	ug/L		10/20/25 09:28	10/22/25 00:48	5
N-Nitrosodiphenylamine	24	U	24	0.33	ug/L		10/20/25 09:28	10/22/25 00:48	5
Pentachlorophenol	4.8	U	4.8	1.6	ug/L		10/20/25 09:28	10/22/25 00:48	5
Phenanthrene	0.95	U	0.95	0.30	ug/L		10/20/25 09:28	10/22/25 00:48	5
Phenol	4.8	U	4.8	0.48	ug/L		10/20/25 09:28	10/22/25 00:48	5
Pyrene	2.4	U	2.4	0.36	ug/L		10/20/25 09:28	10/22/25 00:48	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*33*		*26 - 120*	*10/20/25 09:28*	*10/22/25 00:48*	*5*
p-Terphenyl-d14	*72*		*64 - 127*	*10/20/25 09:28*	*10/22/25 00:48*	*5*
Phenol-d5	*16*		*11 - 120*	*10/20/25 09:28*	*10/22/25 00:48*	*5*
2-Fluorophenol	*23*		*10 - 120*	*10/20/25 09:28*	*10/22/25 00:48*	*5*
2,4,6-Tribromophenol	*74*		*24 - 146*	*10/20/25 09:28*	*10/22/25 00:48*	*5*
2-Fluorobiphenyl	*47*		*37 - 120*	*10/20/25 09:28*	*10/22/25 00:48*	*5*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.010	U	0.010	0.0041	mg/L			10/21/25 02:17	1

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: MW-46I
Lab Sample ID: 480-233645-13
Date Collected: 10/14/25 12:35
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/22/25 05:24	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 05:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/22/25 05:24	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/22/25 05:24	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/22/25 05:24	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/22/25 05:24	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/22/25 05:24	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/22/25 05:24	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/22/25 05:24	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/22/25 05:24	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 05:24	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/22/25 05:24	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/22/25 05:24	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/22/25 05:24	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/22/25 05:24	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/22/25 05:24	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/22/25 05:24	1
Acetone	10	U	10	3.0	ug/L			10/22/25 05:24	1
Benzene	**89**		1.0	0.41	ug/L			10/22/25 05:24	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/22/25 05:24	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/22/25 05:24	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/22/25 05:24	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/22/25 05:24	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/22/25 05:24	1
Chlorobenzene	**4.0**		1.0	0.75	ug/L			10/22/25 05:24	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/22/25 05:24	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/22/25 05:24	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/22/25 05:24	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/22/25 05:24	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/22/25 05:24	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/22/25 05:24	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/22/25 05:24	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/22/25 05:24	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/22/25 05:24	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/22/25 05:24	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/22/25 05:24	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/22/25 05:24	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/22/25 05:24	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/22/25 05:24	1
Styrene	1.0	U	1.0	0.73	ug/L			10/22/25 05:24	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/22/25 05:24	1
Toluene	1.0	U	1.0	0.51	ug/L			10/22/25 05:24	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/22/25 05:24	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/22/25 05:24	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/22/25 05:24	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/22/25 05:24	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/22/25 05:24	1
Xylenes, Total	**3.9**		2.0	0.66	ug/L			10/22/25 05:24	1

Client Sample ID: MW-46I
Lab Sample ID: 480-233645-13
Date Collected: 10/14/25 12:35
Matrix: Water
Date Received: 10/16/25 09:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		77 - 120		10/22/25 05:24	1
4-Bromofluorobenzene (Surr)	94		73 - 120		10/22/25 05:24	1
Dibromofluoromethane (Surr)	94		75 - 123		10/22/25 05:24	1
Toluene-d8 (Surr)	93		80 - 120		10/22/25 05:24	1

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	**0.31**	**J**	4.8	0.033	ug/L		10/20/25 09:28	10/22/25 01:14	1
bis (2-chloroisopropyl) ether	4.8	U	4.8	0.083	ug/L		10/20/25 09:28	10/22/25 01:14	1
2,4,5-Trichlorophenol	4.8	U	4.8	0.063	ug/L		10/20/25 09:28	10/22/25 01:14	1
2,4,6-Trichlorophenol	4.8	U	4.8	0.069	ug/L		10/20/25 09:28	10/22/25 01:14	1
2,4-Dichlorophenol	0.48	U	0.48	0.054	ug/L		10/20/25 09:28	10/22/25 01:14	1
2,4-Dimethylphenol	0.96	U	0.96	0.29	ug/L		10/20/25 09:28	10/22/25 01:14	1
2,4-Dinitrophenol	4.8	U	4.8	0.58	ug/L		10/20/25 09:28	10/22/25 01:14	1
2,4-Dinitrotoluene	4.8	U	4.8	0.033	ug/L		10/20/25 09:28	10/22/25 01:14	1
2,6-Dinitrotoluene	4.8	U	4.8	0.088	ug/L		10/20/25 09:28	10/22/25 01:14	1
2-Chloronaphthalene	0.48	U	0.48	0.063	ug/L		10/20/25 09:28	10/22/25 01:14	1
2-Chlorophenol	4.8	U	4.8	0.063	ug/L		10/20/25 09:28	10/22/25 01:14	1
2-Methylnaphthalene	**0.12**	**J**	0.48	0.050	ug/L		10/20/25 09:28	10/22/25 01:14	1
2-Methylphenol	0.96	U	0.96	0.13	ug/L		10/20/25 09:28	10/22/25 01:14	1
2-Nitroaniline	4.8	U	4.8	0.091	ug/L		10/20/25 09:28	10/22/25 01:14	1
2-Nitrophenol	4.8	U	4.8	0.060	ug/L		10/20/25 09:28	10/22/25 01:14	1
3,3'-Dichlorobenzidine	4.8	U	4.8	0.21	ug/L		10/20/25 09:28	10/22/25 01:14	1
3-Nitroaniline	4.8	U	4.8	0.13	ug/L		10/20/25 09:28	10/22/25 01:14	1
4,6-Dinitro-2-methylphenol	4.8	U	4.8	0.71	ug/L		10/20/25 09:28	10/22/25 01:14	1
4-Bromophenyl phenyl ether	4.8	U	4.8	0.088	ug/L		10/20/25 09:28	10/22/25 01:14	1
4-Chloro-3-methylphenol	4.8	U	4.8	0.051	ug/L		10/20/25 09:28	10/22/25 01:14	1
4-Chloroaniline	4.8	U	4.8	0.13	ug/L		10/20/25 09:28	10/22/25 01:14	1
4-Chlorophenyl phenyl ether	4.8	U	4.8	0.044	ug/L		10/20/25 09:28	10/22/25 01:14	1
4-Methylphenol	0.96	U	0.96	0.090	ug/L		10/20/25 09:28	10/22/25 01:14	1
4-Nitroaniline	4.8	U	4.8	0.024	ug/L		10/20/25 09:28	10/22/25 01:14	1
4-Nitrophenol	4.8	U	4.8	0.38	ug/L		10/20/25 09:28	10/22/25 01:14	1
Acenaphthene	**6.8**		0.48	0.035	ug/L		10/20/25 09:28	10/22/25 01:14	1
Acenaphthylene	**0.13**	**J**	0.29	0.054	ug/L		10/20/25 09:28	10/22/25 01:14	1
Acetophenone	4.8	U	4.8	0.096	ug/L		10/20/25 09:28	10/22/25 01:14	1
Anthracene	**0.19**	**J**	0.48	0.033	ug/L		10/20/25 09:28	10/22/25 01:14	1
Atrazine	1.9	U	1.9	0.28	ug/L		10/20/25 09:28	10/22/25 01:14	1
Benzaldehyde	4.8	U	4.8	0.072	ug/L		10/20/25 09:28	10/22/25 01:14	1
Benzo(a)anthracene	0.29	U	0.29	0.033	ug/L		10/20/25 09:28	10/22/25 01:14	1
Benzo(a)pyrene	0.17	U	0.17	0.13	ug/L		10/20/25 09:28	10/22/25 01:14	1
Benzo(b)fluoranthene	0.29	U	0.29	0.061	ug/L		10/20/25 09:28	10/22/25 01:14	1
Benzo(g,h,i)perylene	0.48	U	0.48	0.056	ug/L		10/20/25 09:28	10/22/25 01:14	1
Benzo(k)fluoranthene	0.29	U	0.29	0.067	ug/L		10/20/25 09:28	10/22/25 01:14	1
Bis(2-chloroethoxy)methane	4.8	U	4.8	0.062	ug/L		10/20/25 09:28	10/22/25 01:14	1
Bis(2-chloroethyl)ether	4.8	U	4.8	0.069	ug/L		10/20/25 09:28	10/22/25 01:14	1
Bis(2-ethylhexyl) phthalate	4.8	U	4.8	0.40	ug/L		10/20/25 09:28	10/22/25 01:14	1
Butyl benzyl phthalate	2.9	U	2.9	0.15	ug/L		10/20/25 09:28	10/22/25 01:14	1
Caprolactam	4.8	U *-	4.8	0.21	ug/L		10/20/25 09:28	10/22/25 01:14	1
Carbazole	**0.097**	**J**	4.8	0.076	ug/L		10/20/25 09:28	10/22/25 01:14	1
Chrysene	0.48	U	0.48	0.071	ug/L		10/20/25 09:28	10/22/25 01:14	1

Client Sample ID: MW-46I
Lab Sample ID: 480-233645-13
Date Collected: 10/14/25 12:35
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	0.48	U	0.48	0.067	ug/L		10/20/25 09:28	10/22/25 01:14	1
Dibenzofuran	**0.24**	**J**	4.8	0.058	ug/L		10/20/25 09:28	10/22/25 01:14	1
Diethyl phthalate	**0.10**	**J**	0.48	0.062	ug/L		10/20/25 09:28	10/22/25 01:14	1
Dimethyl phthalate	0.48	U	0.48	0.055	ug/L		10/20/25 09:28	10/22/25 01:14	1
Di-n-butyl phthalate	1.9	U	1.9	0.34	ug/L		10/20/25 09:28	10/22/25 01:14	1
Di-n-octyl phthalate	4.8	U	4.8	0.19	ug/L		10/20/25 09:28	10/22/25 01:14	1
Fluoranthene	**0.11**	**J**	0.48	0.077	ug/L		10/20/25 09:28	10/22/25 01:14	1
Fluorene	**2.0**		0.48	0.056	ug/L		10/20/25 09:28	10/22/25 01:14	1
Hexachlorobenzene	0.48	U	0.48	0.21	ug/L		10/20/25 09:28	10/22/25 01:14	1
Hexachlorobutadiene	0.96	U	0.96	0.096	ug/L		10/20/25 09:28	10/22/25 01:14	1
Hexachlorocyclopentadiene	0.96	U	0.96	0.088	ug/L		10/20/25 09:28	10/22/25 01:14	1
Hexachloroethane	4.8	U	4.8	0.085	ug/L		10/20/25 09:28	10/22/25 01:14	1
Indeno(1,2,3-cd)pyrene	0.48	U	0.48	0.11	ug/L		10/20/25 09:28	10/22/25 01:14	1
Isophorone	0.48	U	0.48	0.049	ug/L		10/20/25 09:28	10/22/25 01:14	1
Naphthalene	**1.8**		0.96	0.062	ug/L		10/20/25 09:28	10/22/25 01:14	1
Nitrobenzene	0.48	U	0.48	0.063	ug/L		10/20/25 09:28	10/22/25 01:14	1
N-Nitrosodi-n-propylamine	4.8	U	4.8	0.058	ug/L		10/20/25 09:28	10/22/25 01:14	1
N-Nitrosodiphenylamine	4.8	U	4.8	0.067	ug/L		10/20/25 09:28	10/22/25 01:14	1
Pentachlorophenol	0.96	U	0.96	0.33	ug/L		10/20/25 09:28	10/22/25 01:14	1
Phenanthrene	**1.9**		0.19	0.060	ug/L		10/20/25 09:28	10/22/25 01:14	1
Phenol	**0.36**	**J**	0.96	0.096	ug/L		10/20/25 09:28	10/22/25 01:14	1
Pyrene	**0.16**	**J**	0.48	0.073	ug/L		10/20/25 09:28	10/22/25 01:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*31*		*26 - 120*	*10/20/25 09:28*	*10/22/25 01:14*	*1*
p-Terphenyl-d14	*66*		*64 - 127*	*10/20/25 09:28*	*10/22/25 01:14*	*1*
Phenol-d5	*14*		*11 - 120*	*10/20/25 09:28*	*10/22/25 01:14*	*1*
2-Fluorophenol	*21*		*10 - 120*	*10/20/25 09:28*	*10/22/25 01:14*	*1*
2,4,6-Tribromophenol	*69*		*24 - 146*	*10/20/25 09:28*	*10/22/25 01:14*	*1*
2-Fluorobiphenyl	*42*		*37 - 120*	*10/20/25 09:28*	*10/22/25 01:14*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.0043**	**J**	0.010	0.0041	mg/L			10/21/25 02:19	1

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: BD-20251015
Lab Sample ID: 480-233645-14
Date Collected: 10/15/25 00:00
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/22/25 05:49	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 05:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/22/25 05:49	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/22/25 05:49	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/22/25 05:49	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/22/25 05:49	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/22/25 05:49	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/22/25 05:49	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/22/25 05:49	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/22/25 05:49	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 05:49	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/22/25 05:49	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/22/25 05:49	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/22/25 05:49	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/22/25 05:49	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/22/25 05:49	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/22/25 05:49	1
Acetone	10	U	10	3.0	ug/L			10/22/25 05:49	1
Benzene	1.0	U	1.0	0.41	ug/L			10/22/25 05:49	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/22/25 05:49	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/22/25 05:49	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/22/25 05:49	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/22/25 05:49	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/22/25 05:49	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/22/25 05:49	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/22/25 05:49	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/22/25 05:49	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/22/25 05:49	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/22/25 05:49	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/22/25 05:49	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/22/25 05:49	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/22/25 05:49	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/22/25 05:49	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/22/25 05:49	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/22/25 05:49	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/22/25 05:49	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/22/25 05:49	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/22/25 05:49	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/22/25 05:49	1
Styrene	1.0	U	1.0	0.73	ug/L			10/22/25 05:49	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/22/25 05:49	1
Toluene	1.0	U	1.0	0.51	ug/L			10/22/25 05:49	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/22/25 05:49	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/22/25 05:49	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/22/25 05:49	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/22/25 05:49	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/22/25 05:49	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/22/25 05:49	1

Client: Arcadis US Inc
Project/Site: NYSEG Mechanicville Project

Job ID: 480-233645-1

Client Sample ID: BD-20251015
Date Collected: 10/15/25 00:00
Date Received: 10/16/25 09:45

Lab Sample ID: 480-233645-14
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*77 - 120*		*10/22/25 05:49*	*1*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*10/22/25 05:49*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 123*		*10/22/25 05:49*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*10/22/25 05:49*	*1*

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	4.8	U	4.8	0.032	ug/L		10/20/25 09:28	10/22/25 01:40	1
bis (2-chloroisopropyl) ether	4.8	U	4.8	0.082	ug/L		10/20/25 09:28	10/22/25 01:40	1
2,4,5-Trichlorophenol	4.8	U	4.8	0.062	ug/L		10/20/25 09:28	10/22/25 01:40	1
2,4,6-Trichlorophenol	4.8	U	4.8	0.069	ug/L		10/20/25 09:28	10/22/25 01:40	1
2,4-Dichlorophenol	0.48	U	0.48	0.053	ug/L		10/20/25 09:28	10/22/25 01:40	1
2,4-Dimethylphenol	0.95	U	0.95	0.29	ug/L		10/20/25 09:28	10/22/25 01:40	1
2,4-Dinitrophenol	4.8	U	4.8	0.57	ug/L		10/20/25 09:28	10/22/25 01:40	1
2,4-Dinitrotoluene	4.8	U	4.8	0.032	ug/L		10/20/25 09:28	10/22/25 01:40	1
2,6-Dinitrotoluene	4.8	U	4.8	0.087	ug/L		10/20/25 09:28	10/22/25 01:40	1
2-Chloronaphthalene	0.48	U	0.48	0.063	ug/L		10/20/25 09:28	10/22/25 01:40	1
2-Chlorophenol	4.8	U	4.8	0.063	ug/L		10/20/25 09:28	10/22/25 01:40	1
2-Methylnaphthalene	0.48	U	0.48	0.050	ug/L		10/20/25 09:28	10/22/25 01:40	1
2-Methylphenol	0.95	U	0.95	0.13	ug/L		10/20/25 09:28	10/22/25 01:40	1
2-Nitroaniline	4.8	U	4.8	0.090	ug/L		10/20/25 09:28	10/22/25 01:40	1
2-Nitrophenol	4.8	U	4.8	0.059	ug/L		10/20/25 09:28	10/22/25 01:40	1
3,3'-Dichlorobenzidine	4.8	U	4.8	0.21	ug/L		10/20/25 09:28	10/22/25 01:40	1
3-Nitroaniline	4.8	U	4.8	0.12	ug/L		10/20/25 09:28	10/22/25 01:40	1
4,6-Dinitro-2-methylphenol	4.8	U	4.8	0.70	ug/L		10/20/25 09:28	10/22/25 01:40	1
4-Bromophenyl phenyl ether	4.8	U	4.8	0.087	ug/L		10/20/25 09:28	10/22/25 01:40	1
4-Chloro-3-methylphenol	4.8	U	4.8	0.050	ug/L		10/20/25 09:28	10/22/25 01:40	1
4-Chloroaniline	4.8	U	4.8	0.12	ug/L		10/20/25 09:28	10/22/25 01:40	1
4-Chlorophenyl phenyl ether	4.8	U	4.8	0.044	ug/L		10/20/25 09:28	10/22/25 01:40	1
4-Methylphenol	0.95	U	0.95	0.090	ug/L		10/20/25 09:28	10/22/25 01:40	1
4-Nitroaniline	4.8	U	4.8	0.024	ug/L		10/20/25 09:28	10/22/25 01:40	1
4-Nitrophenol	4.8	U	4.8	0.37	ug/L		10/20/25 09:28	10/22/25 01:40	1
Acenaphthene	0.48	U	0.48	0.034	ug/L		10/20/25 09:28	10/22/25 01:40	1
Acenaphthylene	0.29	U	0.29	0.053	ug/L		10/20/25 09:28	10/22/25 01:40	1
Acetophenone	4.8	U	4.8	0.095	ug/L		10/20/25 09:28	10/22/25 01:40	1
Anthracene	0.48	U	0.48	0.032	ug/L		10/20/25 09:28	10/22/25 01:40	1
Atrazine	1.9	U	1.9	0.28	ug/L		10/20/25 09:28	10/22/25 01:40	1
Benzaldehyde	4.8	U	4.8	0.071	ug/L		10/20/25 09:28	10/22/25 01:40	1
Benzo(a)anthracene	0.29	U	0.29	0.032	ug/L		10/20/25 09:28	10/22/25 01:40	1
Benzo(a)pyrene	0.17	U	0.17	0.12	ug/L		10/20/25 09:28	10/22/25 01:40	1
Benzo(b)fluoranthene	0.29	U	0.29	0.060	ug/L		10/20/25 09:28	10/22/25 01:40	1
Benzo(g,h,i)perylene	0.48	U	0.48	0.055	ug/L		10/20/25 09:28	10/22/25 01:40	1
Benzo(k)fluoranthene	0.29	U	0.29	0.067	ug/L		10/20/25 09:28	10/22/25 01:40	1
Bis(2-chloroethoxy)methane	4.8	U	4.8	0.061	ug/L		10/20/25 09:28	10/22/25 01:40	1
Bis(2-chloroethyl)ether	4.8	U	4.8	0.069	ug/L		10/20/25 09:28	10/22/25 01:40	1
Bis(2-ethylhexyl) phthalate	4.8	U	4.8	0.40	ug/L		10/20/25 09:28	10/22/25 01:40	1
Butyl benzyl phthalate	2.9	U	2.9	0.15	ug/L		10/20/25 09:28	10/22/25 01:40	1
Caprolactam	**0.26**	**J *-**	4.8	0.21	ug/L		10/20/25 09:28	10/22/25 01:40	1
Carbazole	4.8	U	4.8	0.075	ug/L		10/20/25 09:28	10/22/25 01:40	1
Chrysene	0.48	U	0.48	0.070	ug/L		10/20/25 09:28	10/22/25 01:40	1

Client Sample ID: BD-20251015
Lab Sample ID: 480-233645-14
Date Collected: 10/15/25 00:00
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	0.48	U	0.48	0.067	ug/L		10/20/25 09:28	10/22/25 01:40	1
Dibenzofuran	4.8	U	4.8	0.057	ug/L		10/20/25 09:28	10/22/25 01:40	1
Diethyl phthalate	**0.076**	**J**	0.48	0.061	ug/L		10/20/25 09:28	10/22/25 01:40	1
Dimethyl phthalate	0.48	U	0.48	0.054	ug/L		10/20/25 09:28	10/22/25 01:40	1
Di-n-butyl phthalate	1.9	U	1.9	0.33	ug/L		10/20/25 09:28	10/22/25 01:40	1
Di-n-octyl phthalate	4.8	U	4.8	0.19	ug/L		10/20/25 09:28	10/22/25 01:40	1
Fluoranthene	0.48	U	0.48	0.076	ug/L		10/20/25 09:28	10/22/25 01:40	1
Fluorene	0.48	U	0.48	0.055	ug/L		10/20/25 09:28	10/22/25 01:40	1
Hexachlorobenzene	0.48	U	0.48	0.21	ug/L		10/20/25 09:28	10/22/25 01:40	1
Hexachlorobutadiene	0.95	U	0.95	0.095	ug/L		10/20/25 09:28	10/22/25 01:40	1
Hexachlorocyclopentadiene	0.95	U	0.95	0.087	ug/L		10/20/25 09:28	10/22/25 01:40	1
Hexachloroethane	4.8	U	4.8	0.084	ug/L		10/20/25 09:28	10/22/25 01:40	1
Indeno(1,2,3-cd)pyrene	0.48	U	0.48	0.10	ug/L		10/20/25 09:28	10/22/25 01:40	1
Isophorone	0.48	U	0.48	0.049	ug/L		10/20/25 09:28	10/22/25 01:40	1
Naphthalene	0.95	U	0.95	0.061	ug/L		10/20/25 09:28	10/22/25 01:40	1
Nitrobenzene	0.48	U	0.48	0.062	ug/L		10/20/25 09:28	10/22/25 01:40	1
N-Nitrosodi-n-propylamine	4.8	U	4.8	0.057	ug/L		10/20/25 09:28	10/22/25 01:40	1
N-Nitrosodiphenylamine	4.8	U	4.8	0.067	ug/L		10/20/25 09:28	10/22/25 01:40	1
Pentachlorophenol	0.95	U	0.95	0.32	ug/L		10/20/25 09:28	10/22/25 01:40	1
Phenanthrene	0.19	U	0.19	0.059	ug/L		10/20/25 09:28	10/22/25 01:40	1
Phenol	0.95	U	0.95	0.095	ug/L		10/20/25 09:28	10/22/25 01:40	1
Pyrene	0.48	U	0.48	0.072	ug/L		10/20/25 09:28	10/22/25 01:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*43*		*26 - 120*	*10/20/25 09:28*	*10/22/25 01:40*	*1*
p-Terphenyl-d14	*80*		*64 - 127*	*10/20/25 09:28*	*10/22/25 01:40*	*1*
Phenol-d5	*16*		*11 - 120*	*10/20/25 09:28*	*10/22/25 01:40*	*1*
2-Fluorophenol	*25*		*10 - 120*	*10/20/25 09:28*	*10/22/25 01:40*	*1*
2,4,6-Tribromophenol	*89*		*24 - 146*	*10/20/25 09:28*	*10/22/25 01:40*	*1*
2-Fluorobiphenyl	*54*		*37 - 120*	*10/20/25 09:28*	*10/22/25 01:40*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.0045**	**J**	0.010	0.0041	mg/L			10/21/25 02:22	1

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: EB-20251014
Lab Sample ID: 480-233645-15
Date Collected: 10/14/25 13:00
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/22/25 06:13	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 06:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/22/25 06:13	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/22/25 06:13	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/22/25 06:13	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/22/25 06:13	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/22/25 06:13	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/22/25 06:13	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/22/25 06:13	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/22/25 06:13	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 06:13	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/22/25 06:13	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/22/25 06:13	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/22/25 06:13	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/22/25 06:13	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/22/25 06:13	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/22/25 06:13	1
Acetone	10	U	10	3.0	ug/L			10/22/25 06:13	1
Benzene	1.0	U	1.0	0.41	ug/L			10/22/25 06:13	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/22/25 06:13	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/22/25 06:13	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/22/25 06:13	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/22/25 06:13	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/22/25 06:13	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/22/25 06:13	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/22/25 06:13	1
Chloroform	**0.49**	**J B**	1.0	0.34	ug/L			10/22/25 06:13	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/22/25 06:13	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/22/25 06:13	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/22/25 06:13	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/22/25 06:13	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/22/25 06:13	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/22/25 06:13	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/22/25 06:13	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/22/25 06:13	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/22/25 06:13	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/22/25 06:13	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/22/25 06:13	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/22/25 06:13	1
Styrene	1.0	U	1.0	0.73	ug/L			10/22/25 06:13	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/22/25 06:13	1
Toluene	1.0	U	1.0	0.51	ug/L			10/22/25 06:13	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/22/25 06:13	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/22/25 06:13	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/22/25 06:13	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/22/25 06:13	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/22/25 06:13	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/22/25 06:13	1

Client Sample ID: EB-20251014
Lab Sample ID: 480-233645-15
Date Collected: 10/14/25 13:00
Matrix: Water
Date Received: 10/16/25 09:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*91*		*77 - 120*		*10/22/25 06:13*	*1*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*10/22/25 06:13*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 123*		*10/22/25 06:13*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*10/22/25 06:13*	*1*

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	6.0	U	6.0	0.040	ug/L		10/20/25 09:28	10/22/25 02:06	1
bis (2-chloroisopropyl) ether	6.0	U	6.0	0.10	ug/L		10/20/25 09:28	10/22/25 02:06	1
2,4,5-Trichlorophenol	6.0	U	6.0	0.077	ug/L		10/20/25 09:28	10/22/25 02:06	1
2,4,6-Trichlorophenol	6.0	U	6.0	0.086	ug/L		10/20/25 09:28	10/22/25 02:06	1
2,4-Dichlorophenol	0.60	U	0.60	0.067	ug/L		10/20/25 09:28	10/22/25 02:06	1
2,4-Dimethylphenol	1.2	U	1.2	0.36	ug/L		10/20/25 09:28	10/22/25 02:06	1
2,4-Dinitrophenol	6.0	U	6.0	0.71	ug/L		10/20/25 09:28	10/22/25 02:06	1
2,4-Dinitrotoluene	6.0	U	6.0	0.040	ug/L		10/20/25 09:28	10/22/25 02:06	1
2,6-Dinitrotoluene	6.0	U	6.0	0.11	ug/L		10/20/25 09:28	10/22/25 02:06	1
2-Chloronaphthalene	0.60	U	0.60	0.079	ug/L		10/20/25 09:28	10/22/25 02:06	1
2-Chlorophenol	6.0	U	6.0	0.079	ug/L		10/20/25 09:28	10/22/25 02:06	1
2-Methylnaphthalene	0.60	U	0.60	0.062	ug/L		10/20/25 09:28	10/22/25 02:06	1
2-Methylphenol	1.2	U	1.2	0.17	ug/L		10/20/25 09:28	10/22/25 02:06	1
2-Nitroaniline	6.0	U	6.0	0.11	ug/L		10/20/25 09:28	10/22/25 02:06	1
2-Nitrophenol	6.0	U	6.0	0.074	ug/L		10/20/25 09:28	10/22/25 02:06	1
3,3'-Dichlorobenzidine	6.0	U	6.0	0.26	ug/L		10/20/25 09:28	10/22/25 02:06	1
3-Nitroaniline	6.0	U	6.0	0.15	ug/L		10/20/25 09:28	10/22/25 02:06	1
4,6-Dinitro-2-methylphenol	6.0	U	6.0	0.88	ug/L		10/20/25 09:28	10/22/25 02:06	1
4-Bromophenyl phenyl ether	6.0	U	6.0	0.11	ug/L		10/20/25 09:28	10/22/25 02:06	1
4-Chloro-3-methylphenol	6.0	U	6.0	0.063	ug/L		10/20/25 09:28	10/22/25 02:06	1
4-Chloroaniline	6.0	U	6.0	0.15	ug/L		10/20/25 09:28	10/22/25 02:06	1
4-Chlorophenyl phenyl ether	6.0	U	6.0	0.055	ug/L		10/20/25 09:28	10/22/25 02:06	1
4-Methylphenol	1.2	U	1.2	0.11	ug/L		10/20/25 09:28	10/22/25 02:06	1
4-Nitroaniline	6.0	U	6.0	0.030	ug/L		10/20/25 09:28	10/22/25 02:06	1
4-Nitrophenol	6.0	U	6.0	0.46	ug/L		10/20/25 09:28	10/22/25 02:06	1
Acenaphthene	0.60	U	0.60	0.043	ug/L		10/20/25 09:28	10/22/25 02:06	1
Acenaphthylene	0.36	U	0.36	0.067	ug/L		10/20/25 09:28	10/22/25 02:06	1
Acetophenone	6.0	U	6.0	0.12	ug/L		10/20/25 09:28	10/22/25 02:06	1
Anthracene	0.60	U	0.60	0.040	ug/L		10/20/25 09:28	10/22/25 02:06	1
Atrazine	2.4	U	2.4	0.35	ug/L		10/20/25 09:28	10/22/25 02:06	1
Benzaldehyde	6.0	U	6.0	0.089	ug/L		10/20/25 09:28	10/22/25 02:06	1
Benzo(a)anthracene	0.36	U	0.36	0.040	ug/L		10/20/25 09:28	10/22/25 02:06	1
Benzo(a)pyrene	0.21	U	0.21	0.15	ug/L		10/20/25 09:28	10/22/25 02:06	1
Benzo(b)fluoranthene	0.36	U	0.36	0.075	ug/L		10/20/25 09:28	10/22/25 02:06	1
Benzo(g,h,i)perylene	0.60	U	0.60	0.069	ug/L		10/20/25 09:28	10/22/25 02:06	1
Benzo(k)fluoranthene	0.36	U	0.36	0.083	ug/L		10/20/25 09:28	10/22/25 02:06	1
Bis(2-chloroethoxy)methane	6.0	U	6.0	0.076	ug/L		10/20/25 09:28	10/22/25 02:06	1
Bis(2-chloroethyl)ether	6.0	U	6.0	0.086	ug/L		10/20/25 09:28	10/22/25 02:06	1
Bis(2-ethylhexyl) phthalate	6.0	U	6.0	0.50	ug/L		10/20/25 09:28	10/22/25 02:06	1
Butyl benzyl phthalate	3.6	U	3.6	0.19	ug/L		10/20/25 09:28	10/22/25 02:06	1
Caprolactam	6.0	U *-	6.0	0.26	ug/L		10/20/25 09:28	10/22/25 02:06	1
Carbazole	6.0	U	6.0	0.094	ug/L		10/20/25 09:28	10/22/25 02:06	1
Chrysene	0.60	U	0.60	0.088	ug/L		10/20/25 09:28	10/22/25 02:06	1

Client Sample ID: EB-20251014
Lab Sample ID: 480-233645-15
Date Collected: 10/14/25 13:00
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	0.60	U	0.60	0.083	ug/L		10/20/25 09:28	10/22/25 02:06	1
Dibenzofuran	6.0	U	6.0	0.071	ug/L		10/20/25 09:28	10/22/25 02:06	1
Diethyl phthalate	0.60	U	0.60	0.076	ug/L		10/20/25 09:28	10/22/25 02:06	1
Dimethyl phthalate	0.60	U	0.60	0.068	ug/L		10/20/25 09:28	10/22/25 02:06	1
Di-n-butyl phthalate	2.4	U	2.4	0.42	ug/L		10/20/25 09:28	10/22/25 02:06	1
Di-n-octyl phthalate	6.0	U	6.0	0.24	ug/L		10/20/25 09:28	10/22/25 02:06	1
Fluoranthene	0.60	U	0.60	0.095	ug/L		10/20/25 09:28	10/22/25 02:06	1
Fluorene	0.60	U	0.60	0.069	ug/L		10/20/25 09:28	10/22/25 02:06	1
Hexachlorobenzene	0.60	U	0.60	0.26	ug/L		10/20/25 09:28	10/22/25 02:06	1
Hexachlorobutadiene	1.2	U	1.2	0.12	ug/L		10/20/25 09:28	10/22/25 02:06	1
Hexachlorocyclopentadiene	1.2	U	1.2	0.11	ug/L		10/20/25 09:28	10/22/25 02:06	1
Hexachloroethane	6.0	U	6.0	0.10	ug/L		10/20/25 09:28	10/22/25 02:06	1
Indeno(1,2,3-cd)pyrene	0.60	U	0.60	0.13	ug/L		10/20/25 09:28	10/22/25 02:06	1
Isophorone	0.60	U	0.60	0.061	ug/L		10/20/25 09:28	10/22/25 02:06	1
Naphthalene	1.2	U	1.2	0.076	ug/L		10/20/25 09:28	10/22/25 02:06	1
Nitrobenzene	0.60	U	0.60	0.077	ug/L		10/20/25 09:28	10/22/25 02:06	1
N-Nitrosodi-n-propylamine	6.0	U	6.0	0.071	ug/L		10/20/25 09:28	10/22/25 02:06	1
N-Nitrosodiphenylamine	6.0	U	6.0	0.083	ug/L		10/20/25 09:28	10/22/25 02:06	1
Pentachlorophenol	1.2	U	1.2	0.41	ug/L		10/20/25 09:28	10/22/25 02:06	1
Phenanthrene	0.24	U	0.24	0.074	ug/L		10/20/25 09:28	10/22/25 02:06	1
Phenol	1.2	U	1.2	0.12	ug/L		10/20/25 09:28	10/22/25 02:06	1
Pyrene	0.60	U	0.60	0.090	ug/L		10/20/25 09:28	10/22/25 02:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*39*		*26 - 120*	*10/20/25 09:28*	*10/22/25 02:06*	*1*
p-Terphenyl-d14	*85*		*64 - 127*	*10/20/25 09:28*	*10/22/25 02:06*	*1*
Phenol-d5	*18*		*11 - 120*	*10/20/25 09:28*	*10/22/25 02:06*	*1*
2-Fluorophenol	*27*		*10 - 120*	*10/20/25 09:28*	*10/22/25 02:06*	*1*
2,4,6-Tribromophenol	*66*		*24 - 146*	*10/20/25 09:28*	*10/22/25 02:06*	*1*
2-Fluorobiphenyl	*49*		*37 - 120*	*10/20/25 09:28*	*10/22/25 02:06*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.010	U	0.010	0.0041	mg/L			10/21/25 02:25	1

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: EB-20251015
Lab Sample ID: 480-233645-16
Date Collected: 10/15/25 13:00
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/22/25 06:37	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 06:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/22/25 06:37	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/22/25 06:37	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/22/25 06:37	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/22/25 06:37	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/22/25 06:37	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/22/25 06:37	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/22/25 06:37	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/22/25 06:37	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 06:37	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/22/25 06:37	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/22/25 06:37	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/22/25 06:37	1
2-Butanone (MEK)	**2.1**	**J**	10	1.3	ug/L			10/22/25 06:37	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/22/25 06:37	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/22/25 06:37	1
Acetone	**10**		10	3.0	ug/L			10/22/25 06:37	1
Benzene	1.0	U	1.0	0.41	ug/L			10/22/25 06:37	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/22/25 06:37	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/22/25 06:37	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/22/25 06:37	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/22/25 06:37	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/22/25 06:37	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/22/25 06:37	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/22/25 06:37	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/22/25 06:37	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/22/25 06:37	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/22/25 06:37	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/22/25 06:37	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/22/25 06:37	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/22/25 06:37	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/22/25 06:37	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/22/25 06:37	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/22/25 06:37	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/22/25 06:37	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/22/25 06:37	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/22/25 06:37	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/22/25 06:37	1
Styrene	1.0	U	1.0	0.73	ug/L			10/22/25 06:37	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/22/25 06:37	1
Toluene	1.0	U	1.0	0.51	ug/L			10/22/25 06:37	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/22/25 06:37	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/22/25 06:37	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/22/25 06:37	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/22/25 06:37	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/22/25 06:37	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/22/25 06:37	1

Client Sample ID: EB-20251015
Lab Sample ID: 480-233645-16
Date Collected: 10/15/25 13:00
Matrix: Water
Date Received: 10/16/25 09:45

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*77 - 120*		*10/22/25 06:37*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*10/22/25 06:37*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 123*		*10/22/25 06:37*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*10/22/25 06:37*	*1*

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	4.8	U	4.8	0.032	ug/L		10/20/25 09:28	10/22/25 02:32	1
bis (2-chloroisopropyl) ether	4.8	U	4.8	0.082	ug/L		10/20/25 09:28	10/22/25 02:32	1
2,4,5-Trichlorophenol	4.8	U	4.8	0.062	ug/L		10/20/25 09:28	10/22/25 02:32	1
2,4,6-Trichlorophenol	4.8	U	4.8	0.069	ug/L		10/20/25 09:28	10/22/25 02:32	1
2,4-Dichlorophenol	0.48	U	0.48	0.053	ug/L		10/20/25 09:28	10/22/25 02:32	1
2,4-Dimethylphenol	0.95	U	0.95	0.29	ug/L		10/20/25 09:28	10/22/25 02:32	1
2,4-Dinitrophenol	4.8	U	4.8	0.57	ug/L		10/20/25 09:28	10/22/25 02:32	1
2,4-Dinitrotoluene	4.8	U	4.8	0.032	ug/L		10/20/25 09:28	10/22/25 02:32	1
2,6-Dinitrotoluene	4.8	U	4.8	0.087	ug/L		10/20/25 09:28	10/22/25 02:32	1
2-Chloronaphthalene	0.48	U	0.48	0.063	ug/L		10/20/25 09:28	10/22/25 02:32	1
2-Chlorophenol	4.8	U	4.8	0.063	ug/L		10/20/25 09:28	10/22/25 02:32	1
2-Methylnaphthalene	0.48	U	0.48	0.050	ug/L		10/20/25 09:28	10/22/25 02:32	1
2-Methylphenol	0.95	U	0.95	0.13	ug/L		10/20/25 09:28	10/22/25 02:32	1
2-Nitroaniline	4.8	U	4.8	0.090	ug/L		10/20/25 09:28	10/22/25 02:32	1
2-Nitrophenol	4.8	U	4.8	0.059	ug/L		10/20/25 09:28	10/22/25 02:32	1
3,3'-Dichlorobenzidine	4.8	U	4.8	0.21	ug/L		10/20/25 09:28	10/22/25 02:32	1
3-Nitroaniline	4.8	U	4.8	0.12	ug/L		10/20/25 09:28	10/22/25 02:32	1
4,6-Dinitro-2-methylphenol	4.8	U	4.8	0.70	ug/L		10/20/25 09:28	10/22/25 02:32	1
4-Bromophenyl phenyl ether	4.8	U	4.8	0.087	ug/L		10/20/25 09:28	10/22/25 02:32	1
4-Chloro-3-methylphenol	4.8	U	4.8	0.050	ug/L		10/20/25 09:28	10/22/25 02:32	1
4-Chloroaniline	4.8	U	4.8	0.12	ug/L		10/20/25 09:28	10/22/25 02:32	1
4-Chlorophenyl phenyl ether	4.8	U	4.8	0.044	ug/L		10/20/25 09:28	10/22/25 02:32	1
4-Methylphenol	0.95	U	0.95	0.090	ug/L		10/20/25 09:28	10/22/25 02:32	1
4-Nitroaniline	4.8	U	4.8	0.024	ug/L		10/20/25 09:28	10/22/25 02:32	1
4-Nitrophenol	4.8	U	4.8	0.37	ug/L		10/20/25 09:28	10/22/25 02:32	1
Acenaphthene	0.48	U	0.48	0.034	ug/L		10/20/25 09:28	10/22/25 02:32	1
Acenaphthylene	0.29	U	0.29	0.053	ug/L		10/20/25 09:28	10/22/25 02:32	1
Acetophenone	**0.14**	**J B**	4.8	0.095	ug/L		10/20/25 09:28	10/22/25 02:32	1
Anthracene	0.48	U	0.48	0.032	ug/L		10/20/25 09:28	10/22/25 02:32	1
Atrazine	1.9	U	1.9	0.28	ug/L		10/20/25 09:28	10/22/25 02:32	1
Benzaldehyde	**2.2**	**J**	4.8	0.071	ug/L		10/20/25 09:28	10/22/25 02:32	1
Benzo(a)anthracene	0.29	U	0.29	0.032	ug/L		10/20/25 09:28	10/22/25 02:32	1
Benzo(a)pyrene	0.17	U	0.17	0.12	ug/L		10/20/25 09:28	10/22/25 02:32	1
Benzo(b)fluoranthene	0.29	U	0.29	0.060	ug/L		10/20/25 09:28	10/22/25 02:32	1
Benzo(g,h,i)perylene	0.48	U	0.48	0.055	ug/L		10/20/25 09:28	10/22/25 02:32	1
Benzo(k)fluoranthene	0.29	U	0.29	0.067	ug/L		10/20/25 09:28	10/22/25 02:32	1
Bis(2-chloroethoxy)methane	4.8	U	4.8	0.061	ug/L		10/20/25 09:28	10/22/25 02:32	1
Bis(2-chloroethyl)ether	4.8	U	4.8	0.069	ug/L		10/20/25 09:28	10/22/25 02:32	1
Bis(2-ethylhexyl) phthalate	4.8	U	4.8	0.40	ug/L		10/20/25 09:28	10/22/25 02:32	1
Butyl benzyl phthalate	2.9	U	2.9	0.15	ug/L		10/20/25 09:28	10/22/25 02:32	1
Caprolactam	4.8	U *-	4.8	0.21	ug/L		10/20/25 09:28	10/22/25 02:32	1
Carbazole	4.8	U	4.8	0.075	ug/L		10/20/25 09:28	10/22/25 02:32	1
Chrysene	0.48	U	0.48	0.070	ug/L		10/20/25 09:28	10/22/25 02:32	1

Client Sample ID: EB-20251015
Lab Sample ID: 480-233645-16
Date Collected: 10/15/25 13:00
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	0.48	U	0.48	0.067	ug/L		10/20/25 09:28	10/22/25 02:32	1
Dibenzofuran	4.8	U	4.8	0.057	ug/L		10/20/25 09:28	10/22/25 02:32	1
Diethyl phthalate	0.48	U	0.48	0.061	ug/L		10/20/25 09:28	10/22/25 02:32	1
Dimethyl phthalate	0.48	U	0.48	0.054	ug/L		10/20/25 09:28	10/22/25 02:32	1
Di-n-butyl phthalate	1.9	U	1.9	0.33	ug/L		10/20/25 09:28	10/22/25 02:32	1
Di-n-octyl phthalate	4.8	U	4.8	0.19	ug/L		10/20/25 09:28	10/22/25 02:32	1
Fluoranthene	0.48	U	0.48	0.076	ug/L		10/20/25 09:28	10/22/25 02:32	1
Fluorene	0.48	U	0.48	0.055	ug/L		10/20/25 09:28	10/22/25 02:32	1
Hexachlorobenzene	0.48	U	0.48	0.21	ug/L		10/20/25 09:28	10/22/25 02:32	1
Hexachlorobutadiene	0.95	U	0.95	0.095	ug/L		10/20/25 09:28	10/22/25 02:32	1
Hexachlorocyclopentadiene	0.95	U	0.95	0.087	ug/L		10/20/25 09:28	10/22/25 02:32	1
Hexachloroethane	4.8	U	4.8	0.084	ug/L		10/20/25 09:28	10/22/25 02:32	1
Indeno(1,2,3-cd)pyrene	0.48	U	0.48	0.10	ug/L		10/20/25 09:28	10/22/25 02:32	1
Isophorone	0.48	U	0.48	0.049	ug/L		10/20/25 09:28	10/22/25 02:32	1
Naphthalene	0.95	U	0.95	0.061	ug/L		10/20/25 09:28	10/22/25 02:32	1
Nitrobenzene	0.48	U	0.48	0.062	ug/L		10/20/25 09:28	10/22/25 02:32	1
N-Nitrosodi-n-propylamine	4.8	U	4.8	0.057	ug/L		10/20/25 09:28	10/22/25 02:32	1
N-Nitrosodiphenylamine	4.8	U	4.8	0.067	ug/L		10/20/25 09:28	10/22/25 02:32	1
Pentachlorophenol	0.95	U	0.95	0.32	ug/L		10/20/25 09:28	10/22/25 02:32	1
Phenanthrene	0.19	U	0.19	0.059	ug/L		10/20/25 09:28	10/22/25 02:32	1
Phenol	0.95	U	0.95	0.095	ug/L		10/20/25 09:28	10/22/25 02:32	1
Pyrene	0.48	U	0.48	0.072	ug/L		10/20/25 09:28	10/22/25 02:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*35*		*26 - 120*	*10/20/25 09:28*	*10/22/25 02:32*	*1*
p-Terphenyl-d14	*73*		*64 - 127*	*10/20/25 09:28*	*10/22/25 02:32*	*1*
Phenol-d5	*14*		*11 - 120*	*10/20/25 09:28*	*10/22/25 02:32*	*1*
2-Fluorophenol	*22*		*10 - 120*	*10/20/25 09:28*	*10/22/25 02:32*	*1*
2,4,6-Tribromophenol	*65*		*24 - 146*	*10/20/25 09:28*	*10/22/25 02:32*	*1*
2-Fluorobiphenyl	*45*		*37 - 120*	*10/20/25 09:28*	*10/22/25 02:32*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.010	U F1	0.010	0.0041	mg/L			10/21/25 03:21	1

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: TRIP BLANK-1
Lab Sample ID: 480-233645-17
Date Collected: 10/14/25 00:00
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/22/25 07:01	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 07:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/22/25 07:01	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/22/25 07:01	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/22/25 07:01	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/22/25 07:01	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/22/25 07:01	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/22/25 07:01	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/22/25 07:01	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/22/25 07:01	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 07:01	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/22/25 07:01	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/22/25 07:01	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/22/25 07:01	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/22/25 07:01	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/22/25 07:01	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/22/25 07:01	1
Acetone	10	U	10	3.0	ug/L			10/22/25 07:01	1
Benzene	1.0	U	1.0	0.41	ug/L			10/22/25 07:01	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/22/25 07:01	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/22/25 07:01	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/22/25 07:01	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/22/25 07:01	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/22/25 07:01	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/22/25 07:01	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/22/25 07:01	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/22/25 07:01	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/22/25 07:01	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/22/25 07:01	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/22/25 07:01	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/22/25 07:01	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/22/25 07:01	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/22/25 07:01	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/22/25 07:01	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/22/25 07:01	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/22/25 07:01	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/22/25 07:01	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/22/25 07:01	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/22/25 07:01	1
Styrene	1.0	U	1.0	0.73	ug/L			10/22/25 07:01	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/22/25 07:01	1
Toluene	1.0	U	1.0	0.51	ug/L			10/22/25 07:01	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/22/25 07:01	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/22/25 07:01	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/22/25 07:01	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/22/25 07:01	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/22/25 07:01	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/22/25 07:01	1

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: TRIP BLANK-1
Lab Sample ID: 480-233645-17
Date Collected: 10/14/25 00:00
Matrix: Water
Date Received: 10/16/25 09:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		77 - 120		10/22/25 07:01	1
4-Bromofluorobenzene (Surr)	92		73 - 120		10/22/25 07:01	1
Dibromofluoromethane (Surr)	95		75 - 123		10/22/25 07:01	1
Toluene-d8 (Surr)	92		80 - 120		10/22/25 07:01	1

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: TRIP BLANK-2
Lab Sample ID: 480-233645-18
Date Collected: 10/14/25 00:00
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/22/25 07:25	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 07:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/22/25 07:25	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/22/25 07:25	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/22/25 07:25	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/22/25 07:25	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/22/25 07:25	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/22/25 07:25	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/22/25 07:25	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/22/25 07:25	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 07:25	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/22/25 07:25	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/22/25 07:25	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/22/25 07:25	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/22/25 07:25	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/22/25 07:25	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/22/25 07:25	1
Acetone	10	U	10	3.0	ug/L			10/22/25 07:25	1
Benzene	1.0	U	1.0	0.41	ug/L			10/22/25 07:25	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/22/25 07:25	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/22/25 07:25	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/22/25 07:25	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/22/25 07:25	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/22/25 07:25	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/22/25 07:25	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/22/25 07:25	1
Chloroform	**0.48**	**J B**	1.0	0.34	ug/L			10/22/25 07:25	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/22/25 07:25	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/22/25 07:25	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/22/25 07:25	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/22/25 07:25	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/22/25 07:25	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/22/25 07:25	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/22/25 07:25	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/22/25 07:25	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/22/25 07:25	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/22/25 07:25	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/22/25 07:25	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/22/25 07:25	1
Styrene	1.0	U	1.0	0.73	ug/L			10/22/25 07:25	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/22/25 07:25	1
Toluene	1.0	U	1.0	0.51	ug/L			10/22/25 07:25	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/22/25 07:25	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/22/25 07:25	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/22/25 07:25	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/22/25 07:25	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/22/25 07:25	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/22/25 07:25	1

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: TRIP BLANK-2
Lab Sample ID: 480-233645-18
Date Collected: 10/14/25 00:00
Matrix: Water
Date Received: 10/16/25 09:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		77 - 120		10/22/25 07:25	1
4-Bromofluorobenzene (Surr)	100		73 - 120		10/22/25 07:25	1
Dibromofluoromethane (Surr)	92		75 - 123		10/22/25 07:25	1
Toluene-d8 (Surr)	94		80 - 120		10/22/25 07:25	1

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: TRIP BLANK-3
Lab Sample ID: 480-233645-19
Date Collected: 10/14/25 00:00
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/22/25 07:49	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 07:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/22/25 07:49	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/22/25 07:49	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/22/25 07:49	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/22/25 07:49	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/22/25 07:49	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/22/25 07:49	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/22/25 07:49	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/22/25 07:49	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 07:49	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/22/25 07:49	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/22/25 07:49	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/22/25 07:49	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/22/25 07:49	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/22/25 07:49	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/22/25 07:49	1
Acetone	10	U	10	3.0	ug/L			10/22/25 07:49	1
Benzene	1.0	U	1.0	0.41	ug/L			10/22/25 07:49	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/22/25 07:49	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/22/25 07:49	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/22/25 07:49	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/22/25 07:49	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/22/25 07:49	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/22/25 07:49	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/22/25 07:49	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/22/25 07:49	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/22/25 07:49	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/22/25 07:49	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/22/25 07:49	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/22/25 07:49	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/22/25 07:49	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/22/25 07:49	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/22/25 07:49	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/22/25 07:49	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/22/25 07:49	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/22/25 07:49	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/22/25 07:49	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/22/25 07:49	1
Styrene	1.0	U	1.0	0.73	ug/L			10/22/25 07:49	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/22/25 07:49	1
Toluene	1.0	U	1.0	0.51	ug/L			10/22/25 07:49	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/22/25 07:49	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/22/25 07:49	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/22/25 07:49	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/22/25 07:49	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/22/25 07:49	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/22/25 07:49	1

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: TRIP BLANK-3
Lab Sample ID: 480-233645-19
Date Collected: 10/14/25 00:00
Matrix: Water
Date Received: 10/16/25 09:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		77 - 120		10/22/25 07:49	1
4-Bromofluorobenzene (Surr)	101		73 - 120		10/22/25 07:49	1
Dibromofluoromethane (Surr)	96		75 - 123		10/22/25 07:49	1
Toluene-d8 (Surr)	96		80 - 120		10/22/25 07:49	1

Surrogate Summary

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(75-123)	(80-120)
480-233645-1	TW-2S	95	100	102	91
480-233645-1 - DL	TW-2S	89	94	94	89
480-233645-2	MW-2	92	97	96	93
480-233645-3	MW-2I	90	101	95	92
480-233645-4	MW-17	86	97	91	90
480-233645-5	MW-17I	87	96	90	89
480-233645-6	MW-17D	92	102	96	93
480-233645-7	MW-20D	92	103	95	93
480-233645-8	MW-36I	90	93	91	90
480-233645-9	MW-36D	88	99	93	93
480-233645-10	MW-38I	91	95	96	89
480-233645-11	MW-38D	91	96	92	91
480-233645-11 MS	MW-38D	87	100	92	93
480-233645-11 MSD	MW-38D	92	100	98	94
480-233645-12	MW-39D	91	101	94	93
480-233645-13	MW-46I	92	94	94	93
480-233645-14	BD-20251015	90	96	95	91
480-233645-15	EB-20251014	91	102	95	93
480-233645-16	EB-20251015	91	98	94	91
480-233645-17	TRIP BLANK-1	89	92	95	92
480-233645-18	TRIP BLANK-2	89	100	92	94
480-233645-19	TRIP BLANK-3	90	101	96	96
LCS 480-760256/6	Lab Control Sample	94	102	98	94
LCS 480-760505/6	Lab Control Sample	90	97	95	92
MB 480-760256/8	Method Blank	90	94	96	91
MB 480-760505/8	Method Blank	90	100	94	92

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		NBZ	TPHd14	PHL	2FP	TBP	FBP
Lab Sample ID	Client Sample ID	(26-120)	(64-127)	(11-120)	(10-120)	(24-146)	(37-120)
480-233645-1	TW-2S	0 S1-	83	30	0 S1-	115	85
480-233645-1 - DL	TW-2S	0 S1-	82	0 S1-	0 S1-	0 S1-	153 S1+
480-233645-2	MW-2	68	89	30	43	92	88
480-233645-3	MW-2I	65	85	27	45	106	86
480-233645-4	MW-17	70	85	32	42	90	93
480-233645-5	MW-17I	66	93	26	40	110	82
480-233645-6	MW-17D	42	67	20	27	73	55
480-233645-7	MW-20D	29	63 S1-	13	19	65	36 S1-
480-233645-8	MW-36I	44	84	18	25	90	61
480-233645-9	MW-36D	32	72	15	20	86	44
480-233645-10	MW-38I	41	62 S1-	21	30	67	48

Surrogate Summary

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		NBZ	TPHd14	PHL	2FP	TBP	FBP
Lab Sample ID	Client Sample ID	(26-120)	(64-127)	(11-120)	(10-120)	(24-146)	(37-120)
480-233645-11	MW-38D	61	83	27	39	76	78
480-233645-11 MS	MW-38D	77	86	32	43	103	87
480-233645-11 MSD	MW-38D	79	87	31	46	107	86
480-233645-12	MW-39D	33	72	16	23	74	47
480-233645-13	MW-46I	31	66	14	21	69	42
480-233645-14	BD-20251015	43	80	16	25	89	54
480-233645-15	EB-20251014	39	85	18	27	66	49
480-233645-16	EB-20251015	35	73	14	22	65	45
LCS 480-760082/2-A	Lab Control Sample	85	103	42	56	101	95
MB 480-760082/1-A	Method Blank	72	101	30	44	103	93

Surrogate Legend

NBZ = Nitrobenzene-d5
TPHd14 = p-Terphenyl-d14
PHL = Phenol-d5
2FP = 2-Fluorophenol
TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-760256/8
Matrix: Water
Analysis Batch: 760256

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/22/25 00:14	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 00:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/22/25 00:14	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/22/25 00:14	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/22/25 00:14	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/22/25 00:14	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/22/25 00:14	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/22/25 00:14	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/22/25 00:14	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/22/25 00:14	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 00:14	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/22/25 00:14	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/22/25 00:14	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/22/25 00:14	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/22/25 00:14	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/22/25 00:14	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/22/25 00:14	1
Acetone	10	U	10	3.0	ug/L			10/22/25 00:14	1
Benzene	1.0	U	1.0	0.41	ug/L			10/22/25 00:14	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/22/25 00:14	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/22/25 00:14	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/22/25 00:14	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/22/25 00:14	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/22/25 00:14	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/22/25 00:14	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/22/25 00:14	1
Chloroform	0.623	J	1.0	0.34	ug/L			10/22/25 00:14	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/22/25 00:14	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/22/25 00:14	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/22/25 00:14	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/22/25 00:14	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/22/25 00:14	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/22/25 00:14	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/22/25 00:14	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/22/25 00:14	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/22/25 00:14	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/22/25 00:14	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/22/25 00:14	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/22/25 00:14	1
Styrene	1.0	U	1.0	0.73	ug/L			10/22/25 00:14	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/22/25 00:14	1
Toluene	1.0	U	1.0	0.51	ug/L			10/22/25 00:14	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/22/25 00:14	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/22/25 00:14	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/22/25 00:14	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/22/25 00:14	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/22/25 00:14	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/22/25 00:14	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-760256/8
Matrix: Water
Analysis Batch: 760256

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*90*		*77 - 120*		*10/22/25 00:14*	*1*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*		*10/22/25 00:14*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*10/22/25 00:14*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*10/22/25 00:14*	*1*

Lab Sample ID: LCS 480-760256/6
Matrix: Water
Analysis Batch: 760256

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	25.4		ug/L		102	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.0		ug/L		92	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.2		ug/L		109	61 - 148
1,1,2-Trichloroethane	25.0	24.5		ug/L		98	76 - 122
1,1-Dichloroethane	25.0	24.8		ug/L		99	77 - 120
1,1-Dichloroethene	25.0	25.8		ug/L		103	66 - 127
1,2,4-Trichlorobenzene	25.0	25.4		ug/L		102	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	22.7		ug/L		91	56 - 134
1,2-Dibromoethane	25.0	23.5		ug/L		94	77 - 120
1,2-Dichlorobenzene	25.0	23.1		ug/L		92	80 - 124
1,2-Dichloroethane	25.0	23.6		ug/L		94	75 - 120
1,2-Dichloropropane	25.0	24.9		ug/L		100	76 - 120
1,3-Dichlorobenzene	25.0	22.7		ug/L		91	77 - 120
1,4-Dichlorobenzene	25.0	23.5		ug/L		94	80 - 120
2-Butanone (MEK)	125	130		ug/L		104	57 - 140
2-Hexanone	125	116		ug/L		92	65 - 127
4-Methyl-2-pentanone (MIBK)	125	118		ug/L		94	71 - 125
Acetone	125	130		ug/L		104	56 - 142
Benzene	25.0	24.5		ug/L		98	71 - 124
Bromodichloromethane	25.0	23.7		ug/L		95	80 - 122
Bromoform	25.0	25.4		ug/L		102	61 - 132
Bromomethane	25.0	20.6		ug/L		82	55 - 144
Carbon disulfide	25.0	24.0		ug/L		96	59 - 134
Carbon tetrachloride	25.0	25.3		ug/L		101	72 - 134
Chlorobenzene	25.0	23.1		ug/L		92	80 - 120
Chloroethane	25.0	23.6		ug/L		94	69 - 136
Chloroform	25.0	23.9		ug/L		96	73 - 127
Chloromethane	25.0	23.2		ug/L		93	68 - 124
cis-1,2-Dichloroethene	25.0	25.4		ug/L		102	74 - 124
cis-1,3-Dichloropropene	25.0	24.6		ug/L		98	74 - 124
Cyclohexane	25.0	24.3		ug/L		97	59 - 135
Dibromochloromethane	25.0	23.9		ug/L		95	75 - 125
Dichlorodifluoromethane	25.0	18.7		ug/L		75	59 - 135
Ethylbenzene	25.0	23.0		ug/L		92	77 - 123
Isopropylbenzene	25.0	23.5		ug/L		94	77 - 122
Methyl acetate	50.0	50.7		ug/L		101	74 - 133
Methyl tert-butyl ether	25.0	23.8		ug/L		95	77 - 120
Methylcyclohexane	25.0	24.5		ug/L		98	68 - 134

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-760256/6
Matrix: Water
Analysis Batch: 760256

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Methylene Chloride			25.0	26.9		ug/L		107	75 - 124		
Styrene			25.0	23.6		ug/L		94	80 - 120		
Tetrachloroethene			25.0	24.3		ug/L		97	74 - 122		
Toluene			25.0	23.6		ug/L		94	80 - 122		
trans-1,2-Dichloroethene			25.0	24.8		ug/L		99	73 - 127		
Trichloroethene			25.0	24.3		ug/L		97	74 - 123		
Trichlorofluoromethane			25.0	22.2		ug/L		89	62 - 150		
Vinyl chloride			25.0	22.0		ug/L		88	65 - 133		
Xylenes, Total			50.0	48.2		ug/L		96	76 - 122		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*77 - 120*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*
Dibromofluoromethane (Surr)	*98*		*75 - 123*
Toluene-d8 (Surr)	*94*		*80 - 120*

Lab Sample ID: 480-233645-11 MS
Matrix: Water
Analysis Batch: 760256

Client Sample ID: MW-38D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,1-Trichloroethane	1.0	U	25.0	26.1		ug/L		104	73 - 126		
1,1,2,2-Tetrachloroethane	1.0	U	25.0	23.8		ug/L		95	76 - 120		
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	25.0	23.2		ug/L		93	61 - 148		
1,1,2-Trichloroethane	1.0	U	25.0	25.8		ug/L		103	76 - 122		
1,1-Dichloroethane	1.0	U	25.0	26.0		ug/L		104	77 - 120		
1,1-Dichloroethene	1.0	U	25.0	27.1		ug/L		108	66 - 127		
1,2,4-Trichlorobenzene	1.0	U	25.0	24.6		ug/L		98	79 - 122		
1,2-Dibromo-3-Chloropropane	1.0	U	25.0	22.2		ug/L		89	56 - 134		
1,2-Dibromoethane	1.0	U	25.0	24.4		ug/L		97	77 - 120		
1,2-Dichlorobenzene	1.0	U	25.0	23.5		ug/L		94	80 - 124		
1,2-Dichloroethane	1.0	U	25.0	24.2		ug/L		97	75 - 120		
1,2-Dichloropropane	1.0	U	25.0	25.5		ug/L		102	76 - 120		
1,3-Dichlorobenzene	1.0	U	25.0	23.3		ug/L		93	77 - 120		
1,4-Dichlorobenzene	1.0	U	25.0	24.4		ug/L		98	78 - 124		
2-Butanone (MEK)	10	U	125	131		ug/L		105	57 - 140		
2-Hexanone	5.0	U	125	126		ug/L		101	65 - 127		
4-Methyl-2-pentanone (MIBK)	5.0	U	125	126		ug/L		101	71 - 125		
Acetone	10	U	125	131		ug/L		104	56 - 142		
Benzene	1.0	U	25.0	25.8		ug/L		103	71 - 124		
Bromodichloromethane	1.0	U	25.0	23.5		ug/L		94	80 - 122		
Bromoform	1.0	U	25.0	23.6		ug/L		94	61 - 132		
Bromomethane	1.0	U	25.0	21.5		ug/L		86	55 - 144		
Carbon disulfide	1.0	U	25.0	20.9		ug/L		83	59 - 134		
Carbon tetrachloride	1.0	U	25.0	24.4		ug/L		98	72 - 134		
Chlorobenzene	1.0	U	25.0	24.9		ug/L		99	80 - 120		
Chloroethane	1.0	U	25.0	25.2		ug/L		101	69 - 136		
Chloroform	1.0	U	25.0	24.1		ug/L		96	73 - 127		

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-233645-11 MS
Matrix: Water
Analysis Batch: 760256

Client Sample ID: MW-38D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloromethane	1.0	U	25.0	25.8		ug/L		103	68 - 124
cis-1,2-Dichloroethene	1.0	U	25.0	26.0		ug/L		104	74 - 124
cis-1,3-Dichloropropene	1.0	U	25.0	22.4		ug/L		90	74 - 124
Cyclohexane	1.0	U	25.0	25.1		ug/L		100	59 - 135
Dibromochloromethane	1.0	U	25.0	23.5		ug/L		94	75 - 125
Dichlorodifluoromethane	1.0	U	25.0	19.2		ug/L		77	59 - 135
Ethylbenzene	1.0	U	25.0	24.9		ug/L		100	77 - 123
Isopropylbenzene	1.0	U	25.0	24.7		ug/L		99	77 - 122
Methyl acetate	2.5	U	50.0	49.1		ug/L		98	74 - 133
Methyl tert-butyl ether	1.0	U	25.0	23.6		ug/L		95	77 - 120
Methylcyclohexane	1.0	U	25.0	24.3		ug/L		97	68 - 134
Methylene Chloride	1.0	U	25.0	28.1		ug/L		113	75 - 124
Styrene	1.0	U	25.0	25.4		ug/L		101	80 - 120
Tetrachloroethene	1.0	U	25.0	26.6		ug/L		107	74 - 122
Toluene	1.0	U	25.0	25.7		ug/L		103	80 - 122
trans-1,2-Dichloroethene	1.0	U	25.0	26.3		ug/L		105	73 - 127
Trichloroethene	1.0	U	25.0	24.6		ug/L		98	74 - 123
Trichlorofluoromethane	1.0	U	25.0	23.2		ug/L		93	62 - 150
Vinyl chloride	1.0	U	25.0	24.0		ug/L		96	65 - 133
Xylenes, Total	2.0	U	50.0	51.0		ug/L		102	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*87*		*77 - 120*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*
Dibromofluoromethane (Surr)	*92*		*75 - 123*
Toluene-d8 (Surr)	*93*		*80 - 120*

Lab Sample ID: 480-233645-11 MSD
Matrix: Water
Analysis Batch: 760256

Client Sample ID: MW-38D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	1.0	U	25.0	28.3		ug/L		113	73 - 126	8	15
1,1,2,2-Tetrachloroethane	1.0	U	25.0	26.0		ug/L		104	76 - 120	9	15
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	25.0	27.4		ug/L		110	61 - 148	17	20
1,1,2-Trichloroethane	1.0	U	25.0	26.5		ug/L		106	76 - 122	3	15
1,1-Dichloroethane	1.0	U	25.0	27.0		ug/L		108	77 - 120	4	20
1,1-Dichloroethene	1.0	U	25.0	28.4		ug/L		114	66 - 127	5	16
1,2,4-Trichlorobenzene	1.0	U	25.0	28.9		ug/L		116	79 - 122	16	20
1,2-Dibromo-3-Chloropropane	1.0	U	25.0	24.0		ug/L		96	56 - 134	8	15
1,2-Dibromoethane	1.0	U	25.0	24.9		ug/L		100	77 - 120	2	15
1,2-Dichlorobenzene	1.0	U	25.0	26.0		ug/L		104	80 - 124	10	20
1,2-Dichloroethane	1.0	U	25.0	25.7		ug/L		103	75 - 120	6	20
1,2-Dichloropropane	1.0	U	25.0	27.8		ug/L		111	76 - 120	8	20
1,3-Dichlorobenzene	1.0	U	25.0	25.6		ug/L		103	77 - 120	9	20
1,4-Dichlorobenzene	1.0	U	25.0	26.5		ug/L		106	78 - 124	8	20
2-Butanone (MEK)	10	U	125	136		ug/L		109	57 - 140	4	20
2-Hexanone	5.0	U	125	119		ug/L		95	65 - 127	6	15

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-233645-11 MSD
Client Sample ID: MW-38D
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 760256

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Methyl-2-pentanone (MIBK)	5.0	U	125	125		ug/L		100	71 - 125	1	35
Acetone	10	U	125	131		ug/L		105	56 - 142	0	15
Benzene	1.0	U	25.0	27.5		ug/L		110	71 - 124	6	13
Bromodichloromethane	1.0	U	25.0	24.9		ug/L		99	80 - 122	5	15
Bromoform	1.0	U	25.0	25.3		ug/L		101	61 - 132	7	15
Bromomethane	1.0	U	25.0	22.8		ug/L		91	55 - 144	6	15
Carbon disulfide	1.0	U	25.0	24.0		ug/L		96	59 - 134	14	15
Carbon tetrachloride	1.0	U	25.0	27.9		ug/L		111	72 - 134	13	15
Chlorobenzene	1.0	U	25.0	25.2		ug/L		101	80 - 120	1	25
Chloroethane	1.0	U	25.0	27.2		ug/L		109	69 - 136	7	15
Chloroform	1.0	U	25.0	25.9		ug/L		104	73 - 127	7	20
Chloromethane	1.0	U	25.0	26.7		ug/L		107	68 - 124	3	15
cis-1,2-Dichloroethene	1.0	U	25.0	27.5		ug/L		110	74 - 124	6	15
cis-1,3-Dichloropropene	1.0	U	25.0	24.5		ug/L		98	74 - 124	9	15
Cyclohexane	1.0	U	25.0	26.4		ug/L		106	59 - 135	5	20
Dibromochloromethane	1.0	U	25.0	24.7		ug/L		99	75 - 125	5	15
Dichlorodifluoromethane	1.0	U	25.0	20.6		ug/L		82	59 - 135	7	20
Ethylbenzene	1.0	U	25.0	25.3		ug/L		101	77 - 123	2	15
Isopropylbenzene	1.0	U	25.0	27.6		ug/L		110	77 - 122	11	20
Methyl acetate	2.5	U	50.0	52.1		ug/L		104	74 - 133	6	20
Methyl tert-butyl ether	1.0	U	25.0	25.3		ug/L		101	77 - 120	7	37
Methylcyclohexane	1.0	U	25.0	26.3		ug/L		105	68 - 134	8	20
Methylene Chloride	1.0	U	25.0	28.9		ug/L		116	75 - 124	3	15
Styrene	1.0	U	25.0	26.0		ug/L		104	80 - 120	2	20
Tetrachloroethene	1.0	U	25.0	26.8		ug/L		107	74 - 122	1	20
Toluene	1.0	U	25.0	25.8		ug/L		103	80 - 122	1	15
trans-1,2-Dichloroethene	1.0	U	25.0	28.0		ug/L		112	73 - 127	6	20
Trichloroethene	1.0	U	25.0	26.4		ug/L		105	74 - 123	7	16
Trichlorofluoromethane	1.0	U	25.0	25.2		ug/L		101	62 - 150	8	20
Vinyl chloride	1.0	U	25.0	25.9		ug/L		104	65 - 133	8	15
Xylenes, Total	2.0	U	50.0	52.6		ug/L		105	76 - 122	3	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*77 - 120*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*
Dibromofluoromethane (Surr)	*98*		*75 - 123*
Toluene-d8 (Surr)	*94*		*80 - 120*

Lab Sample ID: MB 480-760505/8
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 760505

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/23/25 12:55	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/23/25 12:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/23/25 12:55	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/23/25 12:55	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/23/25 12:55	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-760505/8
Matrix: Water
Analysis Batch: 760505

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/23/25 12:55	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/23/25 12:55	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/23/25 12:55	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/23/25 12:55	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/23/25 12:55	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/23/25 12:55	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/23/25 12:55	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/23/25 12:55	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/23/25 12:55	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/23/25 12:55	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/23/25 12:55	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/23/25 12:55	1
Acetone	10	U	10	3.0	ug/L			10/23/25 12:55	1
Benzene	1.0	U	1.0	0.41	ug/L			10/23/25 12:55	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/23/25 12:55	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/23/25 12:55	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/23/25 12:55	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/23/25 12:55	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/23/25 12:55	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/23/25 12:55	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/23/25 12:55	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/23/25 12:55	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/23/25 12:55	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/23/25 12:55	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/23/25 12:55	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/23/25 12:55	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/23/25 12:55	1
Dichlorodifluoromethane	1.0	U	1.0	0.68	ug/L			10/23/25 12:55	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/23/25 12:55	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/23/25 12:55	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/23/25 12:55	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/23/25 12:55	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/23/25 12:55	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/23/25 12:55	1
Styrene	1.0	U	1.0	0.73	ug/L			10/23/25 12:55	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/23/25 12:55	1
Toluene	1.0	U	1.0	0.51	ug/L			10/23/25 12:55	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/23/25 12:55	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/23/25 12:55	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/23/25 12:55	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/23/25 12:55	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/23/25 12:55	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/23/25 12:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*77 - 120*		*10/23/25 12:55*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*10/23/25 12:55*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 123*		*10/23/25 12:55*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-760505/8
Matrix: Water
Analysis Batch: 760505

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	92		80 - 120		10/23/25 12:55	1

Lab Sample ID: LCS 480-760505/6
Matrix: Water
Analysis Batch: 760505

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	25.2		ug/L		101	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.3		ug/L		93	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.0		ug/L		108	61 - 148
1,1,2-Trichloroethane	25.0	24.8		ug/L		99	76 - 122
1,1-Dichloroethane	25.0	24.6		ug/L		98	77 - 120
1,1-Dichloroethene	25.0	25.2		ug/L		101	66 - 127
1,2,4-Trichlorobenzene	25.0	25.3		ug/L		101	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	22.7		ug/L		91	56 - 134
1,2-Dibromoethane	25.0	22.9		ug/L		92	77 - 120
1,2-Dichlorobenzene	25.0	22.6		ug/L		90	80 - 124
1,2-Dichloroethane	25.0	23.9		ug/L		95	75 - 120
1,2-Dichloropropane	25.0	25.2		ug/L		101	76 - 120
1,3-Dichlorobenzene	25.0	22.6		ug/L		91	77 - 120
1,4-Dichlorobenzene	25.0	23.4		ug/L		93	80 - 120
2-Butanone (MEK)	125	132		ug/L		106	57 - 140
2-Hexanone	125	117		ug/L		94	65 - 127
4-Methyl-2-pentanone (MIBK)	125	119		ug/L		96	71 - 125
Acetone	125	137		ug/L		110	56 - 142
Benzene	25.0	24.6		ug/L		98	71 - 124
Bromodichloromethane	25.0	23.6		ug/L		94	80 - 122
Bromoform	25.0	25.5		ug/L		102	61 - 132
Bromomethane	25.0	19.6		ug/L		79	55 - 144
Carbon disulfide	25.0	24.2		ug/L		97	59 - 134
Carbon tetrachloride	25.0	24.7		ug/L		99	72 - 134
Chlorobenzene	25.0	23.1		ug/L		93	80 - 120
Chloroethane	25.0	23.1		ug/L		92	69 - 136
Chloroform	25.0	23.4		ug/L		93	73 - 127
Chloromethane	25.0	21.8		ug/L		87	68 - 124
cis-1,2-Dichloroethene	25.0	24.8		ug/L		99	74 - 124
cis-1,3-Dichloropropene	25.0	24.7		ug/L		99	74 - 124
Cyclohexane	25.0	25.2		ug/L		101	59 - 135
Dibromochloromethane	25.0	24.1		ug/L		96	75 - 125
Dichlorodifluoromethane	25.0	15.5		ug/L		62	59 - 135
Ethylbenzene	25.0	23.1		ug/L		92	77 - 123
Isopropylbenzene	25.0	24.1		ug/L		97	77 - 122
Methyl acetate	50.0	50.3		ug/L		101	74 - 133
Methyl tert-butyl ether	25.0	24.0		ug/L		96	77 - 120
Methylcyclohexane	25.0	25.1		ug/L		100	68 - 134
Methylene Chloride	25.0	26.5		ug/L		106	75 - 124
Styrene	25.0	23.4		ug/L		94	80 - 120
Tetrachloroethene	25.0	25.5		ug/L		102	74 - 122

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-760505/6
Matrix: Water
Analysis Batch: 760505

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Toluene	25.0	24.1		ug/L		97	80 - 122
trans-1,2-Dichloroethene	25.0	24.5		ug/L		98	73 - 127
Trichloroethene	25.0	24.0		ug/L		96	74 - 123
Trichlorofluoromethane	25.0	22.2		ug/L		89	62 - 150
Vinyl chloride	25.0	21.4		ug/L		85	65 - 133
Xylenes, Total	50.0	48.2		ug/L		96	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*77 - 120*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*
Dibromofluoromethane (Surr)	*95*		*75 - 123*
Toluene-d8 (Surr)	*92*		*80 - 120*

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Lab Sample ID: MB 480-760082/1-A
Matrix: Water
Analysis Batch: 760203

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 760082

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	5.0	U	5.0	0.034	ug/L		10/20/25 09:28	10/21/25 15:40	1
bis (2-chloroisopropyl) ether	5.0	U	5.0	0.086	ug/L		10/20/25 09:28	10/21/25 15:40	1
2,4,5-Trichlorophenol	5.0	U	5.0	0.065	ug/L		10/20/25 09:28	10/21/25 15:40	1
2,4,6-Trichlorophenol	5.0	U	5.0	0.072	ug/L		10/20/25 09:28	10/21/25 15:40	1
2,4-Dichlorophenol	0.50	U	0.50	0.056	ug/L		10/20/25 09:28	10/21/25 15:40	1
2,4-Dimethylphenol	1.0	U	1.0	0.30	ug/L		10/20/25 09:28	10/21/25 15:40	1
2,4-Dinitrophenol	5.0	U	5.0	0.60	ug/L		10/20/25 09:28	10/21/25 15:40	1
2,4-Dinitrotoluene	5.0	U	5.0	0.034	ug/L		10/20/25 09:28	10/21/25 15:40	1
2,6-Dinitrotoluene	5.0	U	5.0	0.091	ug/L		10/20/25 09:28	10/21/25 15:40	1
2-Chloronaphthalene	0.50	U	0.50	0.066	ug/L		10/20/25 09:28	10/21/25 15:40	1
2-Chlorophenol	5.0	U	5.0	0.066	ug/L		10/20/25 09:28	10/21/25 15:40	1
2-Methylnaphthalene	0.50	U	0.50	0.052	ug/L		10/20/25 09:28	10/21/25 15:40	1
2-Methylphenol	1.0	U	1.0	0.14	ug/L		10/20/25 09:28	10/21/25 15:40	1
2-Nitroaniline	5.0	U	5.0	0.095	ug/L		10/20/25 09:28	10/21/25 15:40	1
2-Nitrophenol	5.0	U	5.0	0.062	ug/L		10/20/25 09:28	10/21/25 15:40	1
3,3'-Dichlorobenzidine	5.0	U	5.0	0.22	ug/L		10/20/25 09:28	10/21/25 15:40	1
3-Nitroaniline	5.0	U	5.0	0.13	ug/L		10/20/25 09:28	10/21/25 15:40	1
4,6-Dinitro-2-methylphenol	5.0	U	5.0	0.74	ug/L		10/20/25 09:28	10/21/25 15:40	1
4-Bromophenyl phenyl ether	5.0	U	5.0	0.091	ug/L		10/20/25 09:28	10/21/25 15:40	1
4-Chloro-3-methylphenol	5.0	U	5.0	0.053	ug/L		10/20/25 09:28	10/21/25 15:40	1
4-Chloroaniline	5.0	U	5.0	0.13	ug/L		10/20/25 09:28	10/21/25 15:40	1
4-Chlorophenyl phenyl ether	5.0	U	5.0	0.046	ug/L		10/20/25 09:28	10/21/25 15:40	1
4-Methylphenol	1.0	U	1.0	0.094	ug/L		10/20/25 09:28	10/21/25 15:40	1
4-Nitroaniline	5.0	U	5.0	0.025	ug/L		10/20/25 09:28	10/21/25 15:40	1
4-Nitrophenol	5.0	U	5.0	0.39	ug/L		10/20/25 09:28	10/21/25 15:40	1
Acenaphthene	0.50	U	0.50	0.036	ug/L		10/20/25 09:28	10/21/25 15:40	1
Acenaphthylene	0.30	U	0.30	0.056	ug/L		10/20/25 09:28	10/21/25 15:40	1
Acetophenone	0.166	J	5.0	0.10	ug/L		10/20/25 09:28	10/21/25 15:40	1
Anthracene	0.50	U	0.50	0.034	ug/L		10/20/25 09:28	10/21/25 15:40	1

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Lab Sample ID: MB 480-760082/1-A
Matrix: Water
Analysis Batch: 760203

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 760082

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	2.0	U	2.0	0.29	ug/L		10/20/25 09:28	10/21/25 15:40	1
Benzaldehyde	5.0	U	5.0	0.075	ug/L		10/20/25 09:28	10/21/25 15:40	1
Benzo(a)anthracene	0.30	U	0.30	0.034	ug/L		10/20/25 09:28	10/21/25 15:40	1
Benzo(a)pyrene	0.18	U	0.18	0.13	ug/L		10/20/25 09:28	10/21/25 15:40	1
Benzo(b)fluoranthene	0.30	U	0.30	0.063	ug/L		10/20/25 09:28	10/21/25 15:40	1
Benzo(g,h,i)perylene	0.50	U	0.50	0.058	ug/L		10/20/25 09:28	10/21/25 15:40	1
Benzo(k)fluoranthene	0.30	U	0.30	0.070	ug/L		10/20/25 09:28	10/21/25 15:40	1
Bis(2-chloroethoxy)methane	5.0	U	5.0	0.064	ug/L		10/20/25 09:28	10/21/25 15:40	1
Bis(2-chloroethyl)ether	5.0	U	5.0	0.072	ug/L		10/20/25 09:28	10/21/25 15:40	1
Bis(2-ethylhexyl) phthalate	5.0	U	5.0	0.42	ug/L		10/20/25 09:28	10/21/25 15:40	1
Butyl benzyl phthalate	3.0	U	3.0	0.16	ug/L		10/20/25 09:28	10/21/25 15:40	1
Caprolactam	5.0	U	5.0	0.22	ug/L		10/20/25 09:28	10/21/25 15:40	1
Carbazole	5.0	U	5.0	0.079	ug/L		10/20/25 09:28	10/21/25 15:40	1
Chrysene	0.50	U	0.50	0.074	ug/L		10/20/25 09:28	10/21/25 15:40	1
Dibenz(a,h)anthracene	0.50	U	0.50	0.070	ug/L		10/20/25 09:28	10/21/25 15:40	1
Dibenzofuran	5.0	U	5.0	0.060	ug/L		10/20/25 09:28	10/21/25 15:40	1
Diethyl phthalate	0.50	U	0.50	0.064	ug/L		10/20/25 09:28	10/21/25 15:40	1
Dimethyl phthalate	0.50	U	0.50	0.057	ug/L		10/20/25 09:28	10/21/25 15:40	1
Di-n-butyl phthalate	2.0	U	2.0	0.35	ug/L		10/20/25 09:28	10/21/25 15:40	1
Di-n-octyl phthalate	5.0	U	5.0	0.20	ug/L		10/20/25 09:28	10/21/25 15:40	1
Fluoranthene	0.50	U	0.50	0.080	ug/L		10/20/25 09:28	10/21/25 15:40	1
Fluorene	0.50	U	0.50	0.058	ug/L		10/20/25 09:28	10/21/25 15:40	1
Hexachlorobenzene	0.50	U	0.50	0.22	ug/L		10/20/25 09:28	10/21/25 15:40	1
Hexachlorobutadiene	1.0	U	1.0	0.10	ug/L		10/20/25 09:28	10/21/25 15:40	1
Hexachlorocyclopentadiene	1.0	U	1.0	0.091	ug/L		10/20/25 09:28	10/21/25 15:40	1
Hexachloroethane	5.0	U	5.0	0.088	ug/L		10/20/25 09:28	10/21/25 15:40	1
Indeno(1,2,3-cd)pyrene	0.50	U	0.50	0.11	ug/L		10/20/25 09:28	10/21/25 15:40	1
Isophorone	0.50	U	0.50	0.051	ug/L		10/20/25 09:28	10/21/25 15:40	1
Naphthalene	1.0	U	1.0	0.064	ug/L		10/20/25 09:28	10/21/25 15:40	1
Nitrobenzene	0.50	U	0.50	0.065	ug/L		10/20/25 09:28	10/21/25 15:40	1
N-Nitrosodi-n-propylamine	5.0	U	5.0	0.060	ug/L		10/20/25 09:28	10/21/25 15:40	1
N-Nitrosodiphenylamine	5.0	U	5.0	0.070	ug/L		10/20/25 09:28	10/21/25 15:40	1
Pentachlorophenol	1.0	U	1.0	0.34	ug/L		10/20/25 09:28	10/21/25 15:40	1
Phenanthrene	0.20	U	0.20	0.062	ug/L		10/20/25 09:28	10/21/25 15:40	1
Phenol	1.0	U	1.0	0.10	ug/L		10/20/25 09:28	10/21/25 15:40	1
Pyrene	0.50	U	0.50	0.076	ug/L		10/20/25 09:28	10/21/25 15:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*72*		*26 - 120*	*10/20/25 09:28*	*10/21/25 15:40*	*1*
p-Terphenyl-d14	*101*		*64 - 127*	*10/20/25 09:28*	*10/21/25 15:40*	*1*
Phenol-d5	*30*		*11 - 120*	*10/20/25 09:28*	*10/21/25 15:40*	*1*
2-Fluorophenol	*44*		*10 - 120*	*10/20/25 09:28*	*10/21/25 15:40*	*1*
2,4,6-Tribromophenol	*103*		*24 - 146*	*10/20/25 09:28*	*10/21/25 15:40*	*1*
2-Fluorobiphenyl	*93*		*37 - 120*	*10/20/25 09:28*	*10/21/25 15:40*	*1*

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Lab Sample ID: LCS 480-760082/2-A
Matrix: Water
Analysis Batch: 760630

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 760082

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Biphenyl	8.00	6.79		ug/L		85	63 - 120
bis (2-chloroisopropyl) ether	8.00	6.86		ug/L		86	63 - 125
2,4,5-Trichlorophenol	8.00	7.48		ug/L		93	63 - 120
2,4,6-Trichlorophenol	8.00	7.41		ug/L		93	63 - 121
2,4-Dichlorophenol	8.00	7.05		ug/L		88	57 - 120
2,4-Dimethylphenol	8.00	6.98		ug/L		87	41 - 120
2,4-Dinitrophenol	16.0	14.5		ug/L		91	32 - 137
2,4-Dinitrotoluene	8.00	7.79		ug/L		97	67 - 120
2,6-Dinitrotoluene	8.00	7.77		ug/L		97	63 - 135
2-Chloronaphthalene	8.00	6.67		ug/L		83	50 - 120
2-Chlorophenol	8.00	6.45		ug/L		81	63 - 120
2-Methylnaphthalene	8.00	6.64		ug/L		83	54 - 120
2-Methylphenol	8.00	6.66		ug/L		83	39 - 120
2-Nitroaniline	8.00	7.55		ug/L		94	63 - 120
2-Nitrophenol	8.00	6.73		ug/L		84	63 - 120
3,3'-Dichlorobenzidine	8.00	7.27		ug/L		91	32 - 150
3-Nitroaniline	8.00	6.58		ug/L		82	63 - 150
4,6-Dinitro-2-methylphenol	16.0	16.0		ug/L		100	32 - 138
4-Bromophenyl phenyl ether	8.00	7.53		ug/L		94	65 - 128
4-Chloro-3-methylphenol	8.00	7.23		ug/L		90	64 - 120
4-Chloroaniline	8.00	5.77		ug/L		72	63 - 123
4-Chlorophenyl phenyl ether	8.00	7.00		ug/L		87	64 - 120
4-Methylphenol	8.00	5.91		ug/L		74	37 - 120
4-Nitroaniline	8.00	6.99		ug/L		87	63 - 120
4-Nitrophenol	16.0	8.95		ug/L		56	32 - 120
Acenaphthene	8.00	7.06		ug/L		88	62 - 120
Acenaphthylene	8.00	7.36		ug/L		92	57 - 120
Acetophenone	8.00	7.11		ug/L		89	63 - 120
Anthracene	8.00	7.74		ug/L		97	65 - 123
Atrazine	8.00	6.76		ug/L		84	72 - 150
Benzaldehyde	8.00	5.19		ug/L		65	32 - 131
Benzo(a)anthracene	8.00	7.78		ug/L		97	77 - 123
Benzo(a)pyrene	8.00	7.64		ug/L		95	72 - 120
Benzo(b)fluoranthene	8.00	7.92		ug/L		99	73 - 123
Benzo(g,h,i)perylene	8.00	7.71		ug/L		96	48 - 150
Benzo(k)fluoranthene	8.00	7.60		ug/L		95	68 - 120
Bis(2-chloroethoxy)methane	8.00	6.88		ug/L		86	63 - 120
Bis(2-chloroethyl)ether	8.00	8.02		ug/L		100	63 - 120
Bis(2-ethylhexyl) phthalate	8.00	7.17		ug/L		90	63 - 150
Butyl benzyl phthalate	8.00	7.57		ug/L		95	75 - 127
Caprolactam	8.00	1.70	J *-	ug/L		21	32 - 120
Carbazole	8.00	7.79		ug/L		97	76 - 120
Chrysene	8.00	7.73		ug/L		97	75 - 120
Dibenz(a,h)anthracene	8.00	7.47		ug/L		93	54 - 147
Dibenzofuran	8.00	7.32		ug/L		91	63 - 120
Diethyl phthalate	8.00	7.93		ug/L		99	71 - 120
Dimethyl phthalate	8.00	7.58		ug/L		95	70 - 120
Di-n-butyl phthalate	8.00	7.86		ug/L		98	80 - 123

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Lab Sample ID: LCS 480-760082/2-A
Matrix: Water
Analysis Batch: 760630

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 760082

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Di-n-octyl phthalate	8.00	7.49		ug/L		94	76 - 135
Fluoranthene	8.00	7.82		ug/L		98	74 - 133
Fluorene	8.00	7.34		ug/L		92	64 - 120
Hexachlorobenzene	8.00	7.15		ug/L		89	61 - 129
Hexachlorobutadiene	8.00	5.59		ug/L		70	45 - 120
Hexachlorocyclopentadiene	8.00	4.82		ug/L		60	21 - 120
Hexachloroethane	8.00	6.09		ug/L		76	63 - 120
Indeno(1,2,3-cd)pyrene	8.00	7.57		ug/L		95	55 - 150
Isophorone	8.00	7.22		ug/L		90	53 - 120
Naphthalene	8.00	6.67		ug/L		83	40 - 138
Nitrobenzene	8.00	6.71		ug/L		84	51 - 120
N-Nitrosodi-n-propylamine	8.00	7.46		ug/L		93	63 - 123
Pentachlorophenol	16.0	14.3		ug/L		89	10 - 131
Phenanthrene	8.00	7.97		ug/L		100	71 - 122
Phenol	8.00	3.31		ug/L		41	17 - 120
Pyrene	8.00	7.59		ug/L		95	65 - 126

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5	*85*		*26 - 120*
p-Terphenyl-d14	*103*		*64 - 127*
Phenol-d5	*42*		*11 - 120*
2-Fluorophenol	*56*		*10 - 120*
2,4,6-Tribromophenol	*101*		*24 - 146*
2-Fluorobiphenyl	*95*		*37 - 120*

Lab Sample ID: 480-233645-11 MS
Matrix: Water
Analysis Batch: 760203

Client Sample ID: MW-38D
Prep Type: Total/NA
Prep Batch: 760082

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Biphenyl	24	U	7.62	5.90	J	ug/L		77	63 - 120
bis (2-chloroisopropyl) ether	24	U	7.62	3.71	J	ug/L		49	39 - 134
2,4,5-Trichlorophenol	24	U	7.62	6.60	J	ug/L		87	63 - 120
2,4,6-Trichlorophenol	24	U	7.62	6.47	J	ug/L		85	63 - 121
2,4-Dichlorophenol	2.4	U	7.62	6.53		ug/L		86	38 - 132
2,4-Dimethylphenol	4.8	U	7.62	6.10		ug/L		80	41 - 134
2,4-Dinitrophenol	24	U	15.2	15.7	J	ug/L		103	32 - 137
2,4-Dinitrotoluene	24	U	7.62	7.19	J	ug/L		94	67 - 120
2,6-Dinitrotoluene	24	U	7.62	6.65	J	ug/L		87	63 - 135
2-Chloronaphthalene	2.4	U	7.62	6.11		ug/L		80	52 - 137
2-Chlorophenol	24	U	7.62	5.08	J	ug/L		67	48 - 120
2-Methylnaphthalene	2.4	U	7.62	5.83		ug/L		77	34 - 133
2-Methylphenol	4.8	U	7.62	4.51	J	ug/L		59	39 - 120
2-Nitroaniline	24	U	7.62	5.27	J	ug/L		69	44 - 136
2-Nitrophenol	24	U	7.62	6.41	J	ug/L		84	63 - 127
3,3'-Dichlorobenzidine	24	U	7.62	8.46	J	ug/L		111	32 - 150
3-Nitroaniline	24	U	7.62	6.07	J	ug/L		80	32 - 150
4,6-Dinitro-2-methylphenol	24	U	15.2	13.3	J	ug/L		88	32 - 138

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Lab Sample ID: 480-233645-11 MS
Matrix: Water
Analysis Batch: 760203

Client Sample ID: MW-38D
Prep Type: Total/NA
Prep Batch: 760082

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4-Bromophenyl phenyl ether	24	U	7.62	7.02	J	ug/L		92	65 - 128
4-Chloro-3-methylphenol	24	U	7.62	5.95	J	ug/L		78	64 - 127
4-Chloroaniline	24	U	7.62	5.22	J	ug/L		68	16 - 122
4-Chlorophenyl phenyl ether	24	U	7.62	6.72	J	ug/L		88	65 - 128
4-Methylphenol	4.8	U	7.62	4.41	J	ug/L		58	25 - 121
4-Nitroaniline	24	U	7.62	6.83	J	ug/L		90	32 - 150
4-Nitrophenol	24	U	15.2	7.89	J	ug/L		52	32 - 135
Acenaphthene	2.4	U	7.62	6.00		ug/L		79	35 - 125
Acenaphthylene	1.4	U	7.62	6.09		ug/L		80	43 - 141
Acetophenone	24	U	7.62	5.53	J	ug/L		73	63 - 120
Anthracene	2.4	U	7.62	6.55		ug/L		86	65 - 123
Atrazine	9.5	U	7.62	6.08	J	ug/L		80	46 - 150
Benzaldehyde	24	U	7.62	3.64	J	ug/L		48	32 - 131
Benzo(a)anthracene	1.4	U	7.62	6.72		ug/L		88	68 - 132
Benzo(a)pyrene	0.86	U	7.62	6.32		ug/L		83	60 - 137
Benzo(b)fluoranthene	1.4	U	7.62	6.27		ug/L		82	68 - 129
Benzo(g,h,i)perylene	2.4	U	7.62	6.27		ug/L		82	48 - 150
Benzo(k)fluoranthene	1.4	U	7.62	6.67		ug/L		88	55 - 142
Bis(2-chloroethoxy)methane	24	U	7.62	5.26	J	ug/L		69	63 - 120
Bis(2-chloroethyl)ether	24	U	7.62	4.80	J	ug/L		63	45 - 120
Bis(2-ethylhexyl) phthalate	24	U	7.62	5.76	J	ug/L		76	63 - 150
Butyl benzyl phthalate	14	U	7.62	6.48	J	ug/L		85	70 - 134
Caprolactam	24	U F1 *-	7.62	1.41	J F1	ug/L		18	23 - 120
Carbazole	24	U	7.62	7.20	J	ug/L		94	54 - 150
Chrysene	2.4	U	7.62	7.01		ug/L		92	66 - 144
Dibenz(a,h)anthracene	2.4	U	7.62	5.91		ug/L		78	54 - 138
Dibenzofuran	24	U	7.62	6.62	J	ug/L		87	63 - 130
Diethyl phthalate	2.4	U	7.62	6.87		ug/L		90	67 - 133
Dimethyl phthalate	2.4	U	7.62	6.97		ug/L		91	64 - 130
Di-n-butyl phthalate	9.5	U	7.62	6.68	J	ug/L		88	72 - 130
Di-n-octyl phthalate	24	U	7.62	5.98	J	ug/L		78	76 - 141
Fluoranthene	2.4	U	7.62	6.98		ug/L		92	63 - 146
Fluorene	2.4	U	7.62	6.27		ug/L		82	54 - 137
Hexachlorobenzene	2.4	U	7.62	6.84		ug/L		90	59 - 120
Hexachlorobutadiene	4.8	U	7.62	6.46		ug/L		85	25 - 120
Hexachlorocyclopentadiene	4.8	U	7.62	6.07		ug/L		80	21 - 120
Hexachloroethane	24	U	7.62	4.68	J	ug/L		61	47 - 120
Indeno(1,2,3-cd)pyrene	2.4	U	7.62	6.19		ug/L		81	55 - 140
Isophorone	2.4	U	7.62	5.66		ug/L		74	48 - 133
Naphthalene	4.8	U	7.62	5.74		ug/L		75	25 - 138
Nitrobenzene	2.4	U	7.62	5.33		ug/L		70	42 - 131
N-Nitrosodi-n-propylamine	24	U	7.62	5.25	J	ug/L		69	63 - 123
Pentachlorophenol	4.8	U	15.2	18.4		ug/L		121	23 - 149
Phenanthrene	0.95	U	7.62	6.70		ug/L		88	60 - 143
Phenol	4.8	U	7.62	2.53	J	ug/L		33	13 - 120
Pyrene	2.4	U	7.62	6.36		ug/L		83	65 - 139

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Lab Sample ID: 480-233645-11 MS
Matrix: Water
Analysis Batch: 760203

Client Sample ID: MW-38D
Prep Type: Total/NA
Prep Batch: 760082

Surrogate	MS %Recovery	MS Qualifier	Limits
Nitrobenzene-d5	*77*		*26 - 120*
p-Terphenyl-d14	*86*		*64 - 127*
Phenol-d5	*32*		*11 - 120*
2-Fluorophenol	*43*		*10 - 120*
2,4,6-Tribromophenol	*103*		*24 - 146*
2-Fluorobiphenyl	*87*		*37 - 120*

Lab Sample ID: 480-233645-11 MSD
Matrix: Water
Analysis Batch: 760203

Client Sample ID: MW-38D
Prep Type: Total/NA
Prep Batch: 760082

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Biphenyl	24	U	7.62	6.00	J	ug/L		79	63 - 120	2	20
bis (2-chloroisopropyl) ether	24	U	7.62	3.26	J	ug/L		43	39 - 134	13	24
2,4,5-Trichlorophenol	24	U	7.62	6.22	J	ug/L		82	63 - 120	6	20
2,4,6-Trichlorophenol	24	U	7.62	6.38	J	ug/L		84	63 - 121	1	20
2,4-Dichlorophenol	2.4	U	7.62	6.62		ug/L		87	38 - 132	1	19
2,4-Dimethylphenol	4.8	U	7.62	6.15		ug/L		81	41 - 134	1	42
2,4-Dinitrophenol	24	U	15.2	15.0	J	ug/L		98	32 - 137	5	20
2,4-Dinitrotoluene	24	U	7.62	6.41	J	ug/L		84	67 - 120	11	20
2,6-Dinitrotoluene	24	U	7.62	6.59	J	ug/L		86	63 - 135	1	20
2-Chloronaphthalene	2.4	U	7.62	6.11		ug/L		80	52 - 137	0	21
2-Chlorophenol	24	U	7.62	4.98	J	ug/L		65	48 - 120	2	20
2-Methylnaphthalene	2.4	U	7.62	5.97		ug/L		78	34 - 133	2	21
2-Methylphenol	4.8	U	7.62	4.57	J	ug/L		60	39 - 120	1	27
2-Nitroaniline	24	U	7.62	5.50	J	ug/L		72	44 - 136	4	20
2-Nitrophenol	24	U	7.62	6.62	J	ug/L		87	63 - 127	3	20
3,3'-Dichlorobenzidine	24	U	7.62	8.27	J	ug/L		109	32 - 150	2	20
3-Nitroaniline	24	U	7.62	5.39	J	ug/L		71	32 - 150	12	20
4,6-Dinitro-2-methylphenol	24	U	15.2	13.0	J	ug/L		85	32 - 138	2	20
4-Bromophenyl phenyl ether	24	U	7.62	6.96	J	ug/L		91	65 - 128	1	20
4-Chloro-3-methylphenol	24	U	7.62	6.26	J	ug/L		82	64 - 127	5	20
4-Chloroaniline	24	U	7.62	5.57	J	ug/L		73	16 - 122	7	20
4-Chlorophenyl phenyl ether	24	U	7.62	7.03	J	ug/L		92	65 - 128	5	20
4-Methylphenol	4.8	U	7.62	4.40	J	ug/L		58	25 - 121	0	24
4-Nitroaniline	24	U	7.62	6.14	J	ug/L		81	32 - 150	11	20
4-Nitrophenol	24	U	15.2	8.01	J	ug/L		53	32 - 135	2	20
Acenaphthene	2.4	U	7.62	5.97		ug/L		78	35 - 125	1	24
Acenaphthylene	1.4	U	7.62	5.87		ug/L		77	43 - 141	4	18
Acetophenone	24	U	7.62	5.68	J	ug/L		75	63 - 120	3	20
Anthracene	2.4	U	7.62	6.99		ug/L		92	65 - 123	7	15
Atrazine	9.5	U	7.62	5.50	J	ug/L		72	46 - 150	10	20
Benzaldehyde	24	U	7.62	3.40	J	ug/L		45	32 - 131	7	20
Benzo(a)anthracene	1.4	U	7.62	7.03		ug/L		92	68 - 132	5	15
Benzo(a)pyrene	0.86	U	7.62	6.20		ug/L		81	60 - 137	2	15
Benzo(b)fluoranthene	1.4	U	7.62	6.24		ug/L		82	68 - 129	0	15
Benzo(g,h,i)perylene	2.4	U	7.62	6.26		ug/L		82	48 - 150	0	15
Benzo(k)fluoranthene	1.4	U	7.62	6.20		ug/L		81	55 - 142	7	22

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Lab Sample ID: 480-233645-11 MSD
Matrix: Water
Analysis Batch: 760203

Client Sample ID: MW-38D
Prep Type: Total/NA
Prep Batch: 760082

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bis(2-chloroethoxy)methane	24	U	7.62	5.45	J	ug/L		72	63 - 120	4	20
Bis(2-chloroethyl)ether	24	U	7.62	5.65	J	ug/L		74	45 - 120	16	20
Bis(2-ethylhexyl) phthalate	24	U	7.62	5.80	J	ug/L		76	63 - 150	1	15
Butyl benzyl phthalate	14	U	7.62	6.20	J	ug/L		81	70 - 134	4	16
Caprolactam	24	U F1 *-	7.62	1.42	J F1	ug/L		19	23 - 120	1	20
Carbazole	24	U	7.62	7.18	J	ug/L		94	54 - 150	0	20
Chrysene	2.4	U	7.62	7.04		ug/L		92	66 - 144	0	15
Dibenz(a,h)anthracene	2.4	U	7.62	5.93		ug/L		78	54 - 138	0	15
Dibenzofuran	24	U	7.62	6.48	J	ug/L		85	63 - 130	2	20
Diethyl phthalate	2.4	U	7.62	6.77		ug/L		89	67 - 133	1	15
Dimethyl phthalate	2.4	U	7.62	6.74		ug/L		89	64 - 130	3	15
Di-n-butyl phthalate	9.5	U	7.62	6.86	J	ug/L		90	72 - 130	3	15
Di-n-octyl phthalate	24	U	7.62	5.78	J	ug/L		76	76 - 141	3	16
Fluoranthene	2.4	U	7.62	7.01		ug/L		92	63 - 146	0	15
Fluorene	2.4	U	7.62	6.20		ug/L		81	54 - 137	1	15
Hexachlorobenzene	2.4	U	7.62	6.84		ug/L		90	59 - 120	0	15
Hexachlorobutadiene	4.8	U	7.62	6.70		ug/L		88	25 - 120	4	44
Hexachlorocyclopentadiene	4.8	U	7.62	6.24		ug/L		82	21 - 120	3	49
Hexachloroethane	24	U	7.62	5.00	J	ug/L		66	47 - 120	7	20
Indeno(1,2,3-cd)pyrene	2.4	U	7.62	6.01		ug/L		79	55 - 140	3	15
Isophorone	2.4	U	7.62	5.64		ug/L		74	48 - 133	0	17
Naphthalene	4.8	U	7.62	5.85		ug/L		77	25 - 138	2	29
Nitrobenzene	2.4	U	7.62	5.34		ug/L		70	42 - 131	0	24
N-Nitrosodi-n-propylamine	24	U	7.62	5.08	J	ug/L		67	63 - 123	3	31
Pentachlorophenol	4.8	U	15.2	17.8		ug/L		117	23 - 149	4	37
Phenanthrene	0.95	U	7.62	6.36		ug/L		83	60 - 143	5	15
Phenol	4.8	U	7.62	2.41	J	ug/L		32	13 - 120	5	34
Pyrene	2.4	U	7.62	6.41		ug/L		84	65 - 139	1	19

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Nitrobenzene-d5	*79*		*26 - 120*
p-Terphenyl-d14	*87*		*64 - 127*
Phenol-d5	*31*		*11 - 120*
2-Fluorophenol	*46*		*10 - 120*
2,4,6-Tribromophenol	*107*		*24 - 146*
2-Fluorobiphenyl	*86*		*37 - 120*

Method: 9012B - Cyanide, Total and/or Amenable

Lab Sample ID: MB 480-760265/103
Matrix: Water
Analysis Batch: 760265

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.010	U	0.010	0.0041	mg/L			10/21/25 00:46	1

Method: 9012B - Cyanide, Total and/or Amenable (Continued)

Lab Sample ID: MB 480-760265/131
Matrix: Water
Analysis Batch: 760265

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.010	U	0.010	0.0041	mg/L			10/21/25 02:01	1

Lab Sample ID: MB 480-760265/159
Matrix: Water
Analysis Batch: 760265

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.010	U	0.010	0.0041	mg/L			10/21/25 03:15	1

Lab Sample ID: MB 480-760265/21
Matrix: Water
Analysis Batch: 760265

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.010	U	0.010	0.0041	mg/L			10/20/25 21:07	1

Lab Sample ID: HLCS 480-760265/22
Matrix: Water
Analysis Batch: 760265

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	HLCS Result	HLCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.400	0.391		mg/L		98	90 - 110

Lab Sample ID: LCS 480-760265/104
Matrix: Water
Analysis Batch: 760265

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.250	0.255		mg/L		102	90 - 110

Lab Sample ID: LCS 480-760265/132
Matrix: Water
Analysis Batch: 760265

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.250	0.227		mg/L		91	90 - 110

Lab Sample ID: LCS 480-760265/160
Matrix: Water
Analysis Batch: 760265

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.250	0.245		mg/L		98	90 - 110

Lab Sample ID: LLCS 480-760265/24
Matrix: Water
Analysis Batch: 760265

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.0100	0.00670	J	mg/L		67	50 - 150

Method: 9012B - Cyanide, Total and/or Amenable

Lab Sample ID: 480-233645-8 MS
Client Sample ID: MW-36I
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 760265

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.0057	J F1	0.100	0.0759	F1	mg/L		70	90 - 110

Lab Sample ID: 480-233645-11 MS
Client Sample ID: MW-38D
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 760265

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.0071	J F1	0.100	0.0821	F1	mg/L		75	90 - 110

Lab Sample ID: 480-233645-11 MSD
Client Sample ID: MW-38D
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 760265

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.0071	J F1	0.100	0.0866	F1	mg/L		80	90 - 110	5	15

Lab Sample ID: 480-233645-16 MS
Client Sample ID: EB-20251015
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 760265

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.010	U F1	0.100	0.0733	F1	mg/L		73	90 - 110

GC/MS VOA

Analysis Batch: 760256

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-233645-1	TW-2S	Total/NA	Water	8260C	
480-233645-2	MW-2	Total/NA	Water	8260C	
480-233645-3	MW-2I	Total/NA	Water	8260C	
480-233645-4	MW-17	Total/NA	Water	8260C	
480-233645-5	MW-17I	Total/NA	Water	8260C	
480-233645-6	MW-17D	Total/NA	Water	8260C	
480-233645-7	MW-20D	Total/NA	Water	8260C	
480-233645-8	MW-36I	Total/NA	Water	8260C	
480-233645-9	MW-36D	Total/NA	Water	8260C	
480-233645-10	MW-38I	Total/NA	Water	8260C	
480-233645-11	MW-38D	Total/NA	Water	8260C	
480-233645-12	MW-39D	Total/NA	Water	8260C	
480-233645-13	MW-46I	Total/NA	Water	8260C	
480-233645-14	BD-20251015	Total/NA	Water	8260C	
480-233645-15	EB-20251014	Total/NA	Water	8260C	
480-233645-16	EB-20251015	Total/NA	Water	8260C	
480-233645-17	TRIP BLANK-1	Total/NA	Water	8260C	
480-233645-18	TRIP BLANK-2	Total/NA	Water	8260C	
480-233645-19	TRIP BLANK-3	Total/NA	Water	8260C	
MB 480-760256/8	Method Blank	Total/NA	Water	8260C	
LCS 480-760256/6	Lab Control Sample	Total/NA	Water	8260C	
480-233645-11 MS	MW-38D	Total/NA	Water	8260C	
480-233645-11 MSD	MW-38D	Total/NA	Water	8260C	

Analysis Batch: 760505

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-233645-1 - DL	TW-2S	Total/NA	Water	8260C	
MB 480-760505/8	Method Blank	Total/NA	Water	8260C	
LCS 480-760505/6	Lab Control Sample	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 760082

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-233645-1 - DL	TW-2S	Total/NA	Water	3510C	
480-233645-1	TW-2S	Total/NA	Water	3510C	
480-233645-2	MW-2	Total/NA	Water	3510C	
480-233645-3	MW-2I	Total/NA	Water	3510C	
480-233645-4	MW-17	Total/NA	Water	3510C	
480-233645-5	MW-17I	Total/NA	Water	3510C	
480-233645-6	MW-17D	Total/NA	Water	3510C	
480-233645-7	MW-20D	Total/NA	Water	3510C	
480-233645-8	MW-36I	Total/NA	Water	3510C	
480-233645-9	MW-36D	Total/NA	Water	3510C	
480-233645-10	MW-38I	Total/NA	Water	3510C	
480-233645-11	MW-38D	Total/NA	Water	3510C	
480-233645-12	MW-39D	Total/NA	Water	3510C	
480-233645-13	MW-46I	Total/NA	Water	3510C	
480-233645-14	BD-20251015	Total/NA	Water	3510C	
480-233645-15	EB-20251014	Total/NA	Water	3510C	
480-233645-16	EB-20251015	Total/NA	Water	3510C	

GC/MS Semi VOA (Continued)

Prep Batch: 760082 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-760082/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-760082/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-233645-11 MS	MW-38D	Total/NA	Water	3510C	
480-233645-11 MSD	MW-38D	Total/NA	Water	3510C	

Analysis Batch: 760203

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-233645-1	TW-2S	Total/NA	Water	8270D LL	760082
480-233645-2	MW-2	Total/NA	Water	8270D LL	760082
480-233645-3	MW-2I	Total/NA	Water	8270D LL	760082
480-233645-4	MW-17	Total/NA	Water	8270D LL	760082
480-233645-5	MW-17I	Total/NA	Water	8270D LL	760082
480-233645-6	MW-17D	Total/NA	Water	8270D LL	760082
480-233645-7	MW-20D	Total/NA	Water	8270D LL	760082
480-233645-8	MW-36I	Total/NA	Water	8270D LL	760082
480-233645-9	MW-36D	Total/NA	Water	8270D LL	760082
480-233645-10	MW-38I	Total/NA	Water	8270D LL	760082
480-233645-11	MW-38D	Total/NA	Water	8270D LL	760082
MB 480-760082/1-A	Method Blank	Total/NA	Water	8270D LL	760082
480-233645-11 MS	MW-38D	Total/NA	Water	8270D LL	760082
480-233645-11 MSD	MW-38D	Total/NA	Water	8270D LL	760082

Analysis Batch: 760215

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-233645-12	MW-39D	Total/NA	Water	8270D LL	760082
480-233645-13	MW-46I	Total/NA	Water	8270D LL	760082
480-233645-14	BD-20251015	Total/NA	Water	8270D LL	760082
480-233645-15	EB-20251014	Total/NA	Water	8270D LL	760082
480-233645-16	EB-20251015	Total/NA	Water	8270D LL	760082

Analysis Batch: 760342

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-233645-1 - DL	TW-2S	Total/NA	Water	8270D LL	760082

Analysis Batch: 760630

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-760082/2-A	Lab Control Sample	Total/NA	Water	8270D LL	760082

General Chemistry

Analysis Batch: 760265

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-233645-1	TW-2S	Total/NA	Water	9012B	
480-233645-2	MW-2	Total/NA	Water	9012B	
480-233645-3	MW-2I	Total/NA	Water	9012B	
480-233645-4	MW-17	Total/NA	Water	9012B	
480-233645-5	MW-17I	Total/NA	Water	9012B	
480-233645-6	MW-17D	Total/NA	Water	9012B	
480-233645-7	MW-20D	Total/NA	Water	9012B	
480-233645-8	MW-36I	Total/NA	Water	9012B	
480-233645-9	MW-36D	Total/NA	Water	9012B	

General Chemistry (Continued)

Analysis Batch: 760265 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-233645-10	MW-38I	Total/NA	Water	9012B	
480-233645-11	MW-38D	Total/NA	Water	9012B	
480-233645-12	MW-39D	Total/NA	Water	9012B	
480-233645-13	MW-46I	Total/NA	Water	9012B	
480-233645-14	BD-20251015	Total/NA	Water	9012B	
480-233645-15	EB-20251014	Total/NA	Water	9012B	
480-233645-16	EB-20251015	Total/NA	Water	9012B	
MB 480-760265/103	Method Blank	Total/NA	Water	9012B	
MB 480-760265/131	Method Blank	Total/NA	Water	9012B	
MB 480-760265/159	Method Blank	Total/NA	Water	9012B	
MB 480-760265/21	Method Blank	Total/NA	Water	9012B	
HLCS 480-760265/22	Lab Control Sample	Total/NA	Water	9012B	
LCS 480-760265/104	Lab Control Sample	Total/NA	Water	9012B	
LCS 480-760265/132	Lab Control Sample	Total/NA	Water	9012B	
LCS 480-760265/160	Lab Control Sample	Total/NA	Water	9012B	
LLCS 480-760265/24	Lab Control Sample	Total/NA	Water	9012B	
480-233645-8 MS	MW-36I	Total/NA	Water	9012B	
480-233645-11 MS	MW-38D	Total/NA	Water	9012B	
480-233645-11 MSD	MW-38D	Total/NA	Water	9012B	
480-233645-16 MS	EB-20251015	Total/NA	Water	9012B	

Client Sample ID: TW-2S
Lab Sample ID: 480-233645-1

Date Collected: 10/14/25 14:00
Matrix: Water
Date Received: 10/16/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	760256	AXK	EET BUF	10/22/25 00:37
Total/NA	Analysis	8260C	DL	50	760505	LCH	EET BUF	10/23/25 14:52
Total/NA	Prep	3510C			760082	JMP	EET BUF	10/20/25 09:28
Total/NA	Analysis	8270D LL		10	760203	JMM	EET BUF	10/21/25 17:51
Total/NA	Prep	3510C	DL		760082	JMP	EET BUF	10/20/25 09:28
Total/NA	Analysis	8270D LL	DL	100	760342	JMM	EET BUF	10/22/25 13:47
Total/NA	Analysis	9012B		1	760265	GW	EET BUF	10/21/25 01:31

Client Sample ID: MW-2
Lab Sample ID: 480-233645-2

Date Collected: 10/14/25 09:45
Matrix: Water
Date Received: 10/16/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	760256	AXK	EET BUF	10/22/25 01:01
Total/NA	Prep	3510C			760082	JMP	EET BUF	10/20/25 09:28
Total/NA	Analysis	8270D LL		5	760203	JMM	EET BUF	10/21/25 18:17
Total/NA	Analysis	9012B		1	760265	GW	EET BUF	10/21/25 01:34

Client Sample ID: MW-2I
Lab Sample ID: 480-233645-3

Date Collected: 10/14/25 11:10
Matrix: Water
Date Received: 10/16/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	760256	AXK	EET BUF	10/22/25 01:25
Total/NA	Prep	3510C			760082	JMP	EET BUF	10/20/25 09:28
Total/NA	Analysis	8270D LL		5	760203	JMM	EET BUF	10/21/25 18:43
Total/NA	Analysis	9012B		1	760265	GW	EET BUF	10/21/25 01:37

Client Sample ID: MW-17
Lab Sample ID: 480-233645-4

Date Collected: 10/14/25 17:20
Matrix: Water
Date Received: 10/16/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	760256	AXK	EET BUF	10/22/25 01:49
Total/NA	Prep	3510C			760082	JMP	EET BUF	10/20/25 09:28
Total/NA	Analysis	8270D LL		10	760203	JMM	EET BUF	10/21/25 19:09
Total/NA	Analysis	9012B		1	760265	GW	EET BUF	10/21/25 01:39

Client Sample ID: MW-17I
Lab Sample ID: 480-233645-5

Date Collected: 10/14/25 15:35
Matrix: Water
Date Received: 10/16/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	760256	AXK	EET BUF	10/22/25 02:12

Client Sample ID: MW-17I
Lab Sample ID: 480-233645-5
Date Collected: 10/14/25 15:35
Matrix: Water
Date Received: 10/16/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			760082	JMP	EET BUF	10/20/25 09:28
Total/NA	Analysis	8270D LL		1	760203	JMM	EET BUF	10/21/25 19:35
Total/NA	Analysis	9012B		1	760265	GW	EET BUF	10/21/25 01:42

Client Sample ID: MW-17D
Lab Sample ID: 480-233645-6
Date Collected: 10/15/25 13:50
Matrix: Water
Date Received: 10/16/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	760256	AXK	EET BUF	10/22/25 02:37
Total/NA	Prep	3510C			760082	JMP	EET BUF	10/20/25 09:28
Total/NA	Analysis	8270D LL		5	760203	JMM	EET BUF	10/21/25 20:01
Total/NA	Analysis	9012B		1	760265	GW	EET BUF	10/21/25 01:45

Client Sample ID: MW-20D
Lab Sample ID: 480-233645-7
Date Collected: 10/15/25 10:45
Matrix: Water
Date Received: 10/16/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	760256	AXK	EET BUF	10/22/25 03:01
Total/NA	Prep	3510C			760082	JMP	EET BUF	10/20/25 09:28
Total/NA	Analysis	8270D LL		1	760203	JMM	EET BUF	10/21/25 20:27
Total/NA	Analysis	9012B		1	760265	GW	EET BUF	10/21/25 01:47

Client Sample ID: MW-36I
Lab Sample ID: 480-233645-8
Date Collected: 10/15/25 12:55
Matrix: Water
Date Received: 10/16/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	760256	AXK	EET BUF	10/22/25 03:25
Total/NA	Prep	3510C			760082	JMP	EET BUF	10/20/25 09:28
Total/NA	Analysis	8270D LL		1	760203	JMM	EET BUF	10/21/25 20:53
Total/NA	Analysis	9012B		1	760265	GW	EET BUF	10/21/25 02:06

Client Sample ID: MW-36D
Lab Sample ID: 480-233645-9
Date Collected: 10/15/25 10:55
Matrix: Water
Date Received: 10/16/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	760256	AXK	EET BUF	10/22/25 03:48
Total/NA	Prep	3510C			760082	JMP	EET BUF	10/20/25 09:28
Total/NA	Analysis	8270D LL		1	760203	JMM	EET BUF	10/21/25 21:19
Total/NA	Analysis	9012B		1	760265	GW	EET BUF	10/21/25 02:11

Client Sample ID: MW-38I
Lab Sample ID: 480-233645-10

Date Collected: 10/14/25 16:10
Matrix: Water
Date Received: 10/16/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	760256	AXK	EET BUF	10/22/25 04:12
Total/NA	Prep	3510C			760082	JMP	EET BUF	10/20/25 09:28
Total/NA	Analysis	8270D LL		10	760203	JMM	EET BUF	10/21/25 21:46
Total/NA	Analysis	9012B		1	760265	GW	EET BUF	10/21/25 02:14

Client Sample ID: MW-38D
Lab Sample ID: 480-233645-11

Date Collected: 10/14/25 13:50
Matrix: Water
Date Received: 10/16/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	760256	AXK	EET BUF	10/22/25 04:37
Total/NA	Prep	3510C			760082	JMP	EET BUF	10/20/25 09:28
Total/NA	Analysis	8270D LL		5	760203	JMM	EET BUF	10/21/25 17:24
Total/NA	Analysis	9012B		1	760265	GW	EET BUF	10/21/25 02:38

Client Sample ID: MW-39D
Lab Sample ID: 480-233645-12

Date Collected: 10/14/25 17:50
Matrix: Water
Date Received: 10/16/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	760256	AXK	EET BUF	10/22/25 05:01
Total/NA	Prep	3510C			760082	JMP	EET BUF	10/20/25 09:28
Total/NA	Analysis	8270D LL		5	760215	JMM	EET BUF	10/22/25 00:48
Total/NA	Analysis	9012B		1	760265	GW	EET BUF	10/21/25 02:17

Client Sample ID: MW-46I
Lab Sample ID: 480-233645-13

Date Collected: 10/14/25 12:35
Matrix: Water
Date Received: 10/16/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	760256	AXK	EET BUF	10/22/25 05:24
Total/NA	Prep	3510C			760082	JMP	EET BUF	10/20/25 09:28
Total/NA	Analysis	8270D LL		1	760215	JMM	EET BUF	10/22/25 01:14
Total/NA	Analysis	9012B		1	760265	GW	EET BUF	10/21/25 02:19

Client Sample ID: BD-20251015
Lab Sample ID: 480-233645-14

Date Collected: 10/15/25 00:00
Matrix: Water
Date Received: 10/16/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	760256	AXK	EET BUF	10/22/25 05:49
Total/NA	Prep	3510C			760082	JMP	EET BUF	10/20/25 09:28
Total/NA	Analysis	8270D LL		1	760215	JMM	EET BUF	10/22/25 01:40
Total/NA	Analysis	9012B		1	760265	GW	EET BUF	10/21/25 02:22

Lab Chronicle

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: EB-20251014
Lab Sample ID: 480-233645-15
Date Collected: 10/14/25 13:00
Matrix: Water
Date Received: 10/16/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	760256	AXK	EET BUF	10/22/25 06:13
Total/NA	Prep	3510C			760082	JMP	EET BUF	10/20/25 09:28
Total/NA	Analysis	8270D LL		1	760215	JMM	EET BUF	10/22/25 02:06
Total/NA	Analysis	9012B		1	760265	GW	EET BUF	10/21/25 02:25

Client Sample ID: EB-20251015
Lab Sample ID: 480-233645-16
Date Collected: 10/15/25 13:00
Matrix: Water
Date Received: 10/16/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	760256	AXK	EET BUF	10/22/25 06:37
Total/NA	Prep	3510C			760082	JMP	EET BUF	10/20/25 09:28
Total/NA	Analysis	8270D LL		1	760215	JMM	EET BUF	10/22/25 02:32
Total/NA	Analysis	9012B		1	760265	GW	EET BUF	10/21/25 03:21

Client Sample ID: TRIP BLANK-1
Lab Sample ID: 480-233645-17
Date Collected: 10/14/25 00:00
Matrix: Water
Date Received: 10/16/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	760256	AXK	EET BUF	10/22/25 07:01

Client Sample ID: TRIP BLANK-2
Lab Sample ID: 480-233645-18
Date Collected: 10/14/25 00:00
Matrix: Water
Date Received: 10/16/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	760256	AXK	EET BUF	10/22/25 07:25

Client Sample ID: TRIP BLANK-3
Lab Sample ID: 480-233645-19
Date Collected: 10/14/25 00:00
Matrix: Water
Date Received: 10/16/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	760256	AXK	EET BUF	10/22/25 07:49

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Laboratory: Eurofins Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-26

Method Summary

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
8270D LL	Semivolatile Organic Compounds by GC/MS - Low Level	SW846	EET BUF
9012B	Cyanide, Total and/or Amenable	SW846	EET BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET BUF
5030C	Purge and Trap	SW846	EET BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
480-233645-1	TW-2S	Water	10/14/25 14:00	10/16/25 09:45	New York
480-233645-2	MW-2	Water	10/14/25 09:45	10/16/25 09:45	New York
480-233645-3	MW-2I	Water	10/14/25 11:10	10/16/25 09:45	New York
480-233645-4	MW-17	Water	10/14/25 17:20	10/16/25 09:45	New York
480-233645-5	MW-17I	Water	10/14/25 15:35	10/16/25 09:45	New York
480-233645-6	MW-17D	Water	10/15/25 13:50	10/16/25 09:45	New York
480-233645-7	MW-20D	Water	10/15/25 10:45	10/16/25 09:45	New York
480-233645-8	MW-36I	Water	10/15/25 12:55	10/16/25 09:45	New York
480-233645-9	MW-36D	Water	10/15/25 10:55	10/16/25 09:45	New York
480-233645-10	MW-38I	Water	10/14/25 16:10	10/16/25 09:45	New York
480-233645-11	MW-38D	Water	10/14/25 13:50	10/16/25 09:45	New York
480-233645-12	MW-39D	Water	10/14/25 17:50	10/16/25 09:45	New York
480-233645-13	MW-46I	Water	10/14/25 12:35	10/16/25 09:45	New York
480-233645-14	BD-20251015	Water	10/15/25 00:00	10/16/25 09:45	New York
480-233645-15	EB-20251014	Water	10/14/25 13:00	10/16/25 09:45	New York
480-233645-16	EB-20251015	Water	10/15/25 13:00	10/16/25 09:45	New York
480-233645-17	TRIP BLANK-1	Water	10/14/25 00:00	10/16/25 09:45	New York
480-233645-18	TRIP BLANK-2	Water	10/14/25 00:00	10/16/25 09:45	New York
480-233645-19	TRIP BLANK-3	Water	10/14/25 00:00	10/16/25 09:45	New York

10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

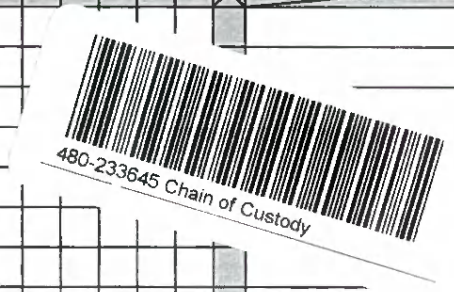
Chain of Custody Record

Albany #224

eurofins | Environment Testing

Client Information	Sampler: AF, AM	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-208357-39853.1
Client Contact: Mr. Ryan Merrell	Phone: 315-671-9219	E-Mail: John.Schove@et.eurofinsus.com	State of Origin:	Page: Page 1 of 2
Company: Arcadis U.S., Inc.	PWSID:	Analysis Requested		Job #:
Address: One Lincoln Center 110 West Fayette St, Suite 200	Due Date Requested:			Preservation Codes: B - NaOH, A - HCL, N - None
City: Syracuse	TAT Requested (days): Standard			
State, Zip: NY, 13202	Compliance Project: Δ Yes Δ No			
Phone: 315-671-9219(Tel)	PO #: 30193939.05			
Email: ryan.merrell@arcadis-us.com	WO #: WAF.EurofinsNE.Mechanicville_20250924			
Project Name: NYSEG Mechanicville Project	Project #: 48026982			
Site:	SSOW#:			Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9012B_NP - Cyanide, Total	8260C - TCL VOCs	8270D_LL - TCL SVOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				B	A	N		
TW-2S	10/14	1400	G	Water			X	X	X		
MW-2	10/14	0945	G	Water			X	X	X		
MW-2I	10/14	1110	G	Water			X	X	X		
MW-17	10/14	1720	G	Water			X	X	X		
MW-17I	10/14	1535	G	Water			X	X	X		
MW-17D	10/15	1356	G	Water			X	X	X		
MW-20D	10/15	1045	G	Water			X	X	X		
MW-36I	10/15	1255	G	Water			X	X	X		
MW-36D	10/15	1055	G	Water			X	X	X		
MW-38I	10/14	1610	G	Water			X	X	X		
MW-38D	10/14	1350	G	Water			X	X	X		



Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Antoinette Miller	10-15-25 1510	Arcadis		10-15-25 1510	EETN
	10-15-25 1730	EETN		10/16/25 0945	Client

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 2.2, 2.6, 3.1, 3.4, 2.0 IR #SC

Ver: 10/10/2024

10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

#224

eurofins | Environment Testing

Client Information	Sampler: AF, AM	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-208357-39853.2
Client Contact: Mr. Ryan Merrell	Phone: 315-671-9219	E-Mail: John.Schove@et.eurofinsus.com	State of Origin:	Page: Page 2 of 2
Company: Arcadis U.S., Inc.	PWSID:			Job #:
Address: One Lincoln Center 110 West Fayette St, Suite 200	Due Date Requested:			
City: Syracuse	TAT Requested (days): Standard			
State, Zip: NY, 13202	Compliance Project: Δ Yes Δ No			
Phone: 315-671-9219(Tel)	PO #: 30193939.05			
Email: ryan.merrell@arcadis-us.com	WO #: WAF.EurofinsNE.Mechanicville_20250924			
Project Name: NYSEG Mechanicville Project	Project #: 48026982			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
B - NaOH
A - HCL
N - None
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9012B_NP - Cyanide, Total	8260C - TCL VOCs	8270D_LL - TCL SVOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				B	A	N		
MW-39D	10/14	1750	G	Water			X	X	X		
MW-40D	—	—	—	Water			X	X	X		
MW-46I	10/14	1235	G	Water			X	X	X		
MW-38D MS	10/14	1350	G	Water			X	X	X		
MW-38D MSD	10/14	1350	G	Water			X	X	X		
BD-(20251015)	10/15	—	G	Water			X	X	X		
EB-(20251014)	10/14	1300	G	Water			X	X	X		
EB-(20251015)	10/15	1300	G	Water			X	X	X		
Trip blank-1	10/14	—	G	Water				X			
Trip blank-2	10/14	—	G	Water				X			
Trip blank-3	10/14	—	G	Water				X			

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Antoinette Miller	10-15-25/1510	Arcadis		10-15-25 1510	ETL
	10-15-25 1730	ETL		10/16/25 0745	ELPO

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Arcadis US Inc

Job Number: 480-233645-1

Login Number: 233645

List Source: Eurofins Buffalo

List Number: 1

Creator: Wallace, Cameron

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Appendix F

Data Usability Summary Report

NYSEG Mechanicville Site

Data Usability Summary Report

Mechanicville, New York

Volatile Organic Compound (VOC), Semi-volatile Organic Compound (SVOC), and Cyanide Analyses

SDG # 480-233645-1

Analyses Performed By:
Eurofins Buffalo
Amherst, New York

Report # 62076R
Review Level: Tier III
Project: 30193939.06

Summary

This Data Usability Summary Report (DUSR) summarizes the review of Sample Delivery Group (SDG) # 480-233645-1 for samples collected in association with the NYSEG Mechanicville Site. The review was conducted as a Tier III evaluation and included review of data package completeness. Only analytical data associated with constituents of concern were reviewed for this validation. Field documentation was not included in this review. Included with this assessment are the validation annotated sample result sheets, and chain of custody. Analyses were performed on the following samples:

Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis		
					VOC	SVOC	CYANIDE
TW-2S	480-233645-1	Water	10/14/2025		X	X	X
MW-2	480-233645-2	Water	10/14/2025		X	X	X
MW-2I	480-233645-3	Water	10/14/2025		X	X	X
MW-17	480-233645-4	Water	10/14/2025		X	X	X
MW-17I	480-233645-5	Water	10/14/2025		X	X	X
MW-17D	480-233645-6	Water	10/15/2025		X	X	X
MW-20D	480-233645-7	Water	10/15/2025		X	X	X
MW-36I	480-233645-8	Water	10/15/2025		X	X	X
MW-36D	480-233645-9	Water	10/15/2025		X	X	X
MW-38I	480-233645-10	Water	10/14/2025		X	X	X
MW-38D	480-233645-11	Water	10/14/2025		X	X	X
MW-39D	480-233645-12	Water	10/14/2025		X	X	X
MW-46I	480-233645-13	Water	10/14/2025		X	X	X
BD-20251015	480-233645-14	Water	10/15/2025	MW-36D	X	X	X
EB-20251014	480-233645-15	Water	10/14/2025		X	X	X
EB-20251015	480-233645-16	Water	10/15/2025		X	X	X
TRIP BLANK-1	480-233645-17	Water	10/14/2025		X		
TRIP BLANK-2	480-233645-18	Water	10/14/2025		X		
TRIP BLANK-3	480-233645-19	Water	10/14/2025		X		

Notes:

VOC = Volatile Organic Compounds

SVOC = Semi-volatile Organic Compounds

1. The matrix spike/matrix spike duplicate (MS/MSD) analysis was performed on sample location MW-38D for VOCs and SVOCs.
2. The matrix spike/matrix spike duplicate (MS/MSD) analysis was performed on sample locations MW-36I, MW-38D and EB-20251015 for Total Cyanide.

Analytical Data Package Documentation

The table below evaluates the data package completeness.

Items Reviewed	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Sample receipt condition		X		X	
2. Requested analyses and sample results		X		X	
3. Master tracking list		X		X	
4. Methods of analysis		X		X	
5. Reporting limits		X		X	
6. Sample collection date		X		X	
7. Laboratory sample received date		X		X	
8. Sample preservation verification (as applicable)		X		X	
9. Sample preparation/extraction/analysis dates		X		X	
10. Fully executed chain-of-custody form		X		X	
11. Narrative summary of QA or sample problems provided		X		X	
12. Data package completeness and compliance		X		X	

Note:
QA = quality assurance

Organic Analysis Introduction

Analyses were performed according to United States Environmental Protection Agency (USEPA) SW-846 Method 8260C and 8270D. Data were reviewed in accordance with USEPA National Functional Guidelines for Organic Superfund Methods Data Review, EPA 540-R-20-005, November 2020 (with reference to the historical USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review, OSWER 9240.1-05A-P, October 1999), as appropriate and applicable Region II SOPs. USEPA NFGs and Region II SOPs were followed for qualification purposes.

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with USEPA National Functional Guidelines:

- Concentration (C) Qualifiers
  - U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
  - B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.
- Quantitation (Q) Qualifiers
  - E The compound was quantitated above the calibration range.
  - D Concentration is based on a diluted sample analysis.
- Validation Qualifiers
  - J The compound was positively identified; however, the associated numerical value is an estimated concentration only.
  - UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.
  - JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.
  - UB Compound is considered non-detect at the listed value due to associated blank contamination.
  - N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.
  - R The sample results are rejected.

The "R" flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Volatile Organic Compound (VOC) Analyses

1. Holding Times

The specified holding times for the following methods are presented in the table below.

Method	Matrix	Holding Time	Preservation
SW-846 8260C	Water	14 days from collection to analysis (preserved)	Cool to <6 °C; preserved to a pH of less than 2 s.u. with hydrochloric acid.

Note:
s.u. = standard units

All samples were analyzed within the specified holding times.

2. Blank Contamination

Quality assurance (QA) blanks (i.e., method and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

Compounds were detected in the associated QA blanks; however, the associated sample results were greater than the BAL and/or were non-detect. Therefore, no qualification of the sample results was required.

3. Mass Spectrometer Tuning

Mass spectrometer performance was acceptable and all analyses were performed within a 12-hour tune clock.

System performance and column resolution were acceptable.

4. Calibration

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

4.1 Initial Calibration

The method specifies percent relative standard deviation (%RSD) and relative response factor (RRF) limits for select compounds only. A technical review of the data applies limits to all compounds with no exceptions.

All target compounds associated with the initial calibration standards must exhibit a %RSD less than the control limit (20%) or a correlation coefficient greater than 0.99 and an RRF value greater than control limit (0.05).

All compounds associated with the ICV and CCV standards were within the specified control limits, with the exception of the compounds presented in the following table.

Sample Locations	ICV/CCV	Compound	Criteria
All sample locations within this SDG	CCV %D	Dichlorodifluoromethane	-21.0%

The criteria used to evaluate the ICV and CCV standards are presented in the following table. In the case of a calibration deviation, the sample results are qualified.

Initial/Continuing	Criteria	Sample Result	Qualification
ICV and CCV	RRF <0.05	Non-detect	R
		Detect	J
	RRF <0.01[1]	Non-detect	R
		Detect	J
ICV and CCV	%D >20%	Non-detect	UJ
		Detect	J

Note:

[1] RRF of 0.01 only applies to compounds which are typically poor responding compounds (i.e., ketones, 1,4-dioxane, etc.)

4.2 Continuing Calibration

All target compounds associated with the continuing calibration standard must exhibit a percent difference (%D) less than the control limit (20%) and RRF value greater than control limit (0.05).

All compounds associated with the continuing calibrations were within the specified control limits.

5. Surrogates/System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. VOC analysis requires that all surrogates associated with the analysis exhibit recoveries within the laboratory-established acceptance limits.

All surrogate recoveries were within control limits.

6. Internal Standard Performance

Internal standard performance criteria ensure that the GC/MS sensitivity and response are stable during every sample analysis. The criteria require the internal standard compounds associated with the VOC exhibit area counts that are not greater than two times (+100%) or less than one-half (-50%) of the area counts of the associated continuing calibration standard.

All internal standard responses were within control limits.

7. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analysis

MS/MSD data are used to assess the precision and accuracy of the analytical method. The compounds used to perform the MS/MSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits. The relative percent difference (RPD) between the MS/MSD recoveries must exhibit an RPD within the laboratory-established acceptance limits.

Note: The MS/MSD recovery control limits do not apply for MS/MSD performed on sample locations where the compound concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater.

The MS/MSD exhibited acceptable recoveries and RPD between the MS/MSD recoveries.

8. Laboratory Control Sample (LCS) Analysis

The LCS analysis is used to assess the accuracy of the analytical method independent of matrix interferences. The compounds associated with the LCS analysis must exhibit a percent recovery within the laboratory-established acceptance limits.

All compounds associated with the LCS analysis exhibited recoveries within the control limits.

9. Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit of 30% for water matrices is applied to the RPD between the parent sample and the field duplicate. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the RL, a control limit of two times the RL is applied for water.

Results for duplicate samples are summarized in the following table.

Sample ID / Duplicate ID	Compound	Sample Result (µg/L)	Duplicate Result (µg/L)	RPD
MW-36D / BD-20251015	All compounds	U	U	AC

Note:
U = Non detect
AC = Acceptable

The calculated differences between the parent and field duplicate sample were acceptable.

10. Compound Identification

Compounds are identified on the GC/MS by using the analytes relative retention time and ion spectra.

Sample results associated with compound that exhibited a concentration greater than the linear range of the instrument calibration are summarized in the following table.

Sample ID	Compound	Original Analysis	Diluted Analysis	Reported Analysis
TW-2S	Benzene	640 E	1300 D	1300 D
	Ethylbenzene	380 E	520 D	520 D
	Xylenes, Total	170 E	190 D	190 D

Note: In the instance where both the original analysis and the diluted analysis sample results exhibited a concentration greater than and/or less than the calibration linear range of the instrument; the sample result exhibiting the greatest concentration will be reported as the final result.

Sample results associated with compounds exhibiting concentrations greater than the linear range are qualified as documented in the table below when reported as the final reported sample result.

Reported Sample Results	Qualification
Diluted sample result within calibration range	D
Diluted sample result less than the calibration range	DJ
Diluted sample result greater than the calibration range	EDJ
Original sample result greater than the calibration range	EJ

11. System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

Data Validation Checklist for VOCs

VOCs: SW-846 8260C	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS)					
Tier II Validation					
Holding times		X		X	
Reporting limits (units)		X		X	
Blanks					
A. Method blanks		X	X		
B. Equipment blanks/Field Blanks		X	X		
C. Trip blanks		X	X		
Laboratory Control Sample (LCS) %R		X		X	
Laboratory Control Sample Duplicate (LCSD) %R	X				X
LCS/LCSD Precision (RPD)	X				X
Matrix Spike (MS) %R		X		X	
Matrix Spike Duplicate (MSD) %R		X		X	
MS/MSD Precision (RPD)		X		X	
Field/Lab Duplicate (RPD)		X		X	
Surrogate Spike Recoveries		X		X	
Dilution Factor		X		X	
Moisture Content	X				X
Tier III Validation					
System performance and column resolution		X		X	
Initial calibration %RSDs		X		X	
Initial calibration %Ds		X		X	
Continuing calibration RRFs		X		X	
Continuing calibration %Ds		X	X		
Instrument tune and performance check		X		X	
Ion abundance criteria for each instrument used		X		X	
Internal standard		X		X	
Compound identification and quantitation					

VOCs: SW-846 8260C	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS)					
A. Reconstructed ion chromatograms		X		X	
B. Quantitation Reports		X		X	
C. RT of sample compounds within the established RT windows		X		X	
D. Transcription/calculation errors present		X		X	
E. Reporting limits adjusted to reflect sample dilutions		X		X	

Notes:
%RSD = Relative standard deviation
%R = Percent recovery
RPD = Relative percent difference
%D = Percent difference

Semi-volatile Organic Compound (SVOC) Analyses

1. Holding Times

The specified holding times for the following methods are presented in the table below.

Method	Matrix	Holding Time	Preservation
SW-846 8270D	Water	7 days from collection to extraction and 40 days from extraction to analysis	Cool to <6 °C

All samples were analyzed within the specified holding time criterion.

2. Blank Contamination

Quality assurance (QA) blanks (i.e., method and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

All compounds associated with the QA blanks exhibited a concentration less than the MDL, with the exception of the compounds listed in the following table. Sample results associated with QA blank contamination that were greater than the BAL resulted in the removal of the laboratory qualifier (B). Sample results less than the BAL associated with the following sample locations were qualified as listed in the following table.

Sample Locations	Analytes	Sample Result	Qualification
TW-2S	Acetophenone (MB)	Detected sample results <RL and <BAL	“UB” at the RL

Note:
RL Reporting limit
MB Method blank limit

3. Mass Spectrometer Tuning

Mass spectrometer performance was acceptable and all analyses were performed within a 12-hour tune clock.

System performance and column resolution were acceptable.

4. Calibration

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at

the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

4.1 Initial Calibration

The method specifies percent relative standard deviation (%RSD) and relative response factor (RRF) limits for select compounds only. A technical review of the data applies limits to all compounds with no exceptions.

All target compounds associated with the initial calibration standards must exhibit a %RSD less than the control limit (20%) or a correlation coefficient greater than 0.99 and an RRF value greater than control limit (0.05).

All compounds associated with the initial calibrations were within the specified control limits.

4.2 Continuing Calibration

All target compounds associated with the continuing calibration standard must exhibit a percent difference (%D) less than the control limit (20%) and RRF value greater than control limit (0.05).

All compounds associated with the ICV and CCV standards were within the specified control limits, with the exception of the compounds presented in the following table.

Sample Locations	ICV/CCV	Compound	Criteria
TW-2S MW-2 MW-2I MW-17 MW-17I MW-17D MW-20D MW-36I MW-36D MW-38I MW-38D	CCV %D	Phenol	-22.0%
		N-Nitrosodi-n-propylamine	-24.0%
		Carbazole	-23.0%
		bis (2-chloroisopropyl) ether	-46.0%
		Atrazine	24.0%
		Hexachlorobutadiene	26.0%
MW-39D MW-46I BD-20251015 EB-20251014 EB-20251015	CCV %D	Pentachlorophenol	23.0%
		N-Nitrosodi-n-propylamine	-24.0%
		2-Nitroaniline	-21.0%
		bis (2-chloroisopropyl) ether	-46.0%
		Atrazine	28.0%
		Hexachlorobutadiene	29.0%

The criteria used to evaluate the ICV and CCV standards are presented in the following table. In the case of a calibration deviation, the sample results are qualified.

Initial/Continuing	Criteria	Sample Result	Qualification
ICV and CCV	RRF <0.05	Non-detect	R
		Detect	J
	RRF <0.01[1]	Non-detect	R
		Detect	J
ICV and CCV	%D >20%	Non-detect	UJ
		Detect	J

Note:

[1] RRF of 0.01 only applies to compounds which are typically poor responding compounds (i.e., ketones, 1,4-dioxane, etc.)

5. Surrogates/System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. SVOC analysis requires that two of the three SVOC surrogate compounds within each fraction exhibit recoveries within the laboratory-established acceptance limits.

Sample locations associated with surrogates exhibiting recoveries outside of the control limits presented in the following table.

Sample Locations	Surrogate	Recovery
TW-2S	2-Fluorobiphenyl	D
	Nitrobenzene-d5	
	Terphenyl-d14	
	2-Fluorophenol	
	Phenol-d5	
	2,4,6-Tribromophenol	
MW-20D	2-Fluorobiphenyl	< LL but > 10%
	Nitrobenzene-d5	AC
	Terphenyl-d14	< LL but > 10%
	2-Fluorophenol	AC

Sample Locations	Surrogate	Recovery
	Phenol-d5	AC
	2,4,6-Tribromophenol	AC
MW-38I	2-Fluorobiphenyl	AC
	Nitrobenzene-d5	AC
	Terphenyl-d14	< LL but > 10%
	2-Fluorophenol	AC
	Phenol-d5	AC
	2,4,6-Tribromophenol	AC

Notes:
AC = Acceptable
D = Diluted

The criteria used to evaluate the surrogate recoveries are presented in the following table. In the case of a surrogate deviation, the sample results are qualified as documented in the table below.

Control Limit	Sample Result	Qualification
> UL	Non-detect	No Action
	Detect	J
< LL but > 10%	Non-detect	UJ
	Detect	J
< 10%	Non-detect	R
	Detect	J
One surrogate in a fraction outside control limits but >10%	Non-detect	No Action
	Detect	
Surrogates diluted below the calibration curve due to the high concentration of a target compounds	Non-detect	UJ[1]
	Detect	J[1]

Note:

[1] A more concentrated analysis was not performed with surrogate compounds within the calibration range; therefore, no determination of extraction efficiency could be made.

6. Internal Standard Performance

Internal standard performance criteria ensure that the GC/MS sensitivity and response are stable during every sample analysis. The criteria require the internal standard compounds associated with the VOC exhibit area counts that are not greater than two times (+100%) or less than one-half (-50%) of the area counts of the associated continuing calibration standard.

All internal standard responses were within control limits.

7. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analysis

MS/MSD data are used to assess the precision and accuracy of the analytical method. The compounds used to perform the MS/MSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits. The relative percent difference (RPD) between the MS/MSD recoveries must exhibit an RPD within the laboratory-established acceptance limits.

Note: The MS/MSD recovery control limits do not apply for MS/MSD performed on samples where the compound concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater.

Sample locations associated with the MS/MSD exhibiting recoveries outside of the control limits are presented in the following table.

Sample ID	Compounds	MS Recovery	MSD Recovery
MW-38D	Caprolactam	<LL but >10%	<LL but >10%

Note:
LL Lower control limit

The criteria used to evaluate the MS/MSD recoveries are presented in the following table. In the case of an MS/MSD deviation, the sample results are qualified as documented in the table below.

Control Limit	Sample Result	Qualification
> the upper control limit (UL)	Non-detect	No Action
	Detect	J
< the lower control limit (LL) but > 10%	Non-detect	UJ
	Detect	J
< 10%	Non-detect	R
	Detect	J
Parent sample concentration > four times the MS/MSD spiking solution concentration.	Detect	No Action
	Non-detect	

8. Laboratory Control Sample (LCS) Analysis

The LCS analysis is used to assess the accuracy of the analytical method independent of matrix interferences. The compounds associated with the LCS analysis must exhibit a percent recovery within the laboratory-established acceptance limits.

Sample locations associated with LCS analysis exhibiting recoveries outside of the control limits presented in the following table.

Sample Locations	Compound	LCS Recovery
TW-2S MW-2 MW-2I MW-17 MW-17I MW-17D MW-20D MW-36I MW-36D MW-38I MW-38D MW-39D MW-46I BD-20251015 EB-20251014 EB-20251015	Caprolactam	<LL but >10%

The criteria used to evaluate the LCS recoveries are presented in the following table. In the case of an LCS deviation, the sample results are qualified as documented in the table below.

Control Limit	Sample Result	Qualification
> the upper control limit (UL)	Non-detect	No Action
	Detect	J
< the lower control limit (LL) but > 10%	Non-detect	UJ
	Detect	J
< 10%	Non-detect	R
	Detect	J

9. Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit of 30% for water matrices is applied to the RPD between the parent sample and the field duplicate. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the RL, a control limit of two times the RL is applied for water.

Results for duplicate samples are summarized in the following table.

Sample ID / Duplicate ID	Compound	Sample Result (µg/L)	Duplicate Result (µg/L)	RPD
MW-36D / BD-20251015	Caprolactam	0.31 J	0.26 J	AC
	Diethyl phthalate	0.48 U	0.076 J	AC
	Isophorone	0.095 J	0.48 U	AC

Note:
U = Non detect
AC = Acceptable

The calculated differences between the parent and field duplicate sample were acceptable.

10. Compound Identification

Compounds are identified on the GC/MS by using the analytes relative retention time and ion spectra.

Sample results associated with compound that exhibited a concentration greater than the linear range of the instrument calibration are summarized in the following table.

Sample ID	Compound	Original Analysis	Diluted Analysis	Reported Analysis
TW-2S	Acenaphthene	220 E	200 D	200 D
	Naphthalene	820 E	950 D	950 D

Note: In the instance where both the original analysis and the diluted analysis sample results exhibited a concentration greater than and/or less than the calibration linear range of the instrument; the sample result exhibiting the greatest concentration will be reported as the final result.

Sample results associated with compounds exhibiting concentrations greater than the linear range are qualified as documented in the table below when reported as the final reported sample result.

Reported Sample Results	Qualification
Diluted sample result within calibration range	D
Diluted sample result less than the calibration range	DJ
Diluted sample result greater than the calibration range	EDJ
Original sample result greater than the calibration range	EJ

11. System Performance and Overall Assessment

The laboratory noted: Method 8270D LL: The following samples were diluted due to the nature of the sample matrix: TW-2S (480-233645-1), MW-2 (480-233645-2), MW-2I (480-233645-3), MW-17 (480-233645-4), MW-17D (480-233645-6), MW-38I (480-233645-10), MW-38D (480-233645-11), MW-38D (480-233645-11[MS]) and MW-38D (480-233645-11[MSD]). Elevated reporting limits (RLs) are provided.

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

Data Validation Checklist for SVOCs

SVOCs: SW-846 8270D	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS)					
Tier II Validation					
Holding times		X		X	
Reporting limits (units)		X		X	
Blanks					
A. Method blanks		X	X		
B. Equipment blanks/Field blanks		X	X		
Laboratory Control Sample (LCS) %R		X	X		
Laboratory Control Sample Duplicate (LCSD) %R	X				X
LCS/LCSD Precision (RPD)	X				X
Matrix Spike (MS) %R		X	X		
Matrix Spike Duplicate (MSD) %R		X	X		
MS/MSD Precision (RPD)		X		X	
Field/Lab Duplicate (RPD)		X		X	
Surrogate Spike Recoveries		X	X		
Dilution Factor		X		X	
Moisture Content	X				X
Tier III Validation					
System performance and column resolution		X		X	
Initial calibration %RSDs		X		X	
Initial calibration %Ds		X		X	
Continuing calibration RRFs		X		X	
Continuing calibration %Ds		X	X		
Instrument tune and performance check		X		X	
Ion abundance criteria for each instrument used		X		X	
Internal standard		X		X	
Compound identification and quantitation					
A. Reconstructed ion chromatograms		X		X	
B. Quantitation Reports		X		X	
C. RT of sample compounds within the established RT windows		X		X	
D. Transcription/calculation errors present		X		X	

SVOCs: SW-846 8270D	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS)					
E. Reporting limits adjusted to reflect sample dilutions		X		X	

Notes:

%RSD Relative standard deviation
%R Percent recovery
RPD Relative percent difference
%D Percent difference

Inorganic Analysis Introduction

Analyses were performed according to United States Environmental Protection Agency USEPA Method 9012B. Data were reviewed in accordance with USEPA National Functional Guidelines for Inorganic Superfund Methods Data Review, EPA 542-R-20-006, November 2020 (with reference to the historical USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review, EPA 540-R-04-004, October 2004), as appropriate.

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and that it was already subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with the USEPA National Functional Guidelines:

- Concentration (C) Qualifiers
  - U The analyte was analyzed for but not detected. The associated value is the analyte instrument detection limit.
  - J The reported value was obtained from a reading less than the reporting limit (RL), but greater than or equal to the method detection limit (MDL).
- Quantitation (Q) Qualifiers
  - E The reported value is estimated due to the presence of interference.
  - N Spiked sample recovery is not within control limits.
  - * Duplicate analysis is not within control limits.
- Validation Qualifiers
  - J The analyte was positively identified; however, the associated numerical value is an estimated concentration only.
  - UJ The analyte was not detected above the reporting limit. However, the reported limit is approximate and may or may not represent the actual limit of detection.
  - UB Analyte considered non-detect at the listed value due to associated blank contamination.
  - R The sample results are rejected.

Two facts should be noted by all data users. First, the "R" flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

General Chemistry Analyses

1. Holding Times

The specified holding times for the following methods are presented in the following table.

Method	Matrix	Holding Time	Preservation
Total Cyanide by SW-846 9012B	Water	14 days from collection to analysis	Cool to <6 °C; preserved to a pH of greater than 12 with NaOH.

All samples were analyzed within the specified holding times.

2. Blank Contamination

Quality assurance (QA) blanks (i.e., method and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

Analytes were not detected above the MDL in the associated blanks; therefore, detected sample results were not associated with blank contamination.

3. Calibration

Satisfactory instrument calibration is established to provide that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument's continuing performance is satisfactory.

3.1 Initial Calibration and Continuing Calibration

The correct number and type of standards were analyzed. The correlation coefficient of the initial calibration was greater than 0.995 for all non-ICP analytes and all initial calibration verification standard recoveries were within control limits.

All initial and continuing calibration verification standard recoveries were within the control limit.

4. Matrix Spike (MS)/Matrix Spike Duplicate (MSD)/Laboratory Duplicate Analysis

MS/MSD and laboratory duplicate data are used to assess the precision and accuracy of the analytical method.

4.1 MS/MSD Analysis

All analytes must exhibit a percent recovery within the established acceptance limits of 75% to 125%. The MS recovery control limits do not apply for MS/MSD performed on sample locations where the analyte's concentration detected in the parent sample exceeds the MS concentration by a factor of four or greater. In instance where this is true, the data will not be qualified even if the percent recovery does not meet the control limits and the laboratory flag will be removed.

All analytes associated with MS/MSD recoveries were within control limits with the exception of the following analytes present in the table below.

Sample Location	Analytes	MS Recovery	MSD Recovery
MW-36I	Total Cyanide	<LL but >30%	-
EB-20251015	Total Cyanide	<LL but >30%	-

The criteria used to evaluate MS/MSD recoveries are presented in the following table. In the case of an MS/MSD deviation, the sample results are qualified.

Control limit	Sample Result	Qualification
MS/MSD percent recovery 30% to 74%	Non-detect	UJ
	Detect	J
MS/MSD percent recovery <30%	Non-detect	R
	Detect	J
MS/MSD percent recovery >125%	Non-detect	No Action
	Detect	J
SR>4X: Sample result is greater than four times the added spike concentration	Non-detect	No Action
	Detect	

4.2 Laboratory Duplicate Analysis

The laboratory duplicate relative percent difference (RPD) criterion is applied when parent and duplicate sample concentrations are greater than or equal to 5 times the RL. A control limit of 20% for water matrices and 35% for soil matrices is applied when the criteria above is true. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the RL, a control limit of one time the RL is applied for water matrices and two times the RL for soil matrices.

MS/MSD analysis was performed in replacement of the laboratory duplicate analysis. The MS/MSD recoveries exhibited acceptable RPD.

5. Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit of 30% for water matrices is applied to the RPD between the parent sample and the field duplicate. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the RL, a control limit of two times the RL is applied for water matrices.

Results for duplicate samples are summarized in the following table.

Sample ID / Duplicate ID	Analyte	Sample Result (mg/L)	Duplicate Result (mg/L)	RPD
MW-36D / BD-20251015	Cyanide	0.010 U	0.0045 J	AC

Note:
U = Non detect
AC = Acceptable

The calculated differences between the parent and field duplicate sample were acceptable.

6. Laboratory Control Sample (LCS) Analysis

The LCS analysis is used to assess the accuracy of the analytical method independent of matrix interferences. The analytes associated with the LCS analysis must exhibit a percent recovery between the control limits of 80% and 120%.

The LCS analysis exhibited recoveries within the control limits.

7. System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

Data Validation Checklist for General Chemistry

General Chemistry: SW-846 9012B	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
Miscellaneous Instrumentation					
Tier II Validation					
Holding Times		X		X	
Reporting limits (units)		X		X	
Blanks					
A. Instrument Blanks	X				X
B. Method Blanks		X		X	
C. Equipment/Field Blanks		X		X	
Laboratory Control Sample (LCS) %R		X		X	
Laboratory Control Sample Duplicate (LCSD) %R	X				X
LCS/LCSD Precision (RPD)	X				X
Matrix Spike (MS) %R		X	X		
Matrix Spike Duplicate (MSD) %R		X		X	
MS/MSD Precision (RPD)		X		X	
Field/Lab Duplicate (RPD)		X		X	
Tier III Validation					
Initial Calibration Verification		X		X	
Continuing Calibration Verification		X		X	
Transcription/calculations acceptable		X		X	
Raw Data		X		X	
Reporting limits adjusted to reflect sample dilutions		X		X	

Notes:

%R Percent recovery

RPD Relative percent difference

SAMPLE COMPLIANCE REPORT

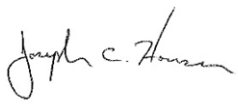
Sample Delivery Group (SDG)	Sampling Date	Protocol	Sample ID	Matrix	Compliancy[1]			Noncompliance
					VOC	SVOC	CYANIDE	
480-233645-1	10/14/2025	SW846	TW-2S	Water	No	No	Yes	VOC - CCAL %D SVOC – Surrogate %Recovery, CCAL %D, Blank Contamination, LCS %Recovery
	10/14/2025	SW846	MW-2	Water	No	No	Yes	VOC – CCAL %D SVOC – CCAL %D, LCS %Recovery
	10/14/2025	SW846	MW-2I	Water	No	No	Yes	VOC – CCAL %D SVOC – CCAL %D, LCS %Recovery
	10/14/2025	SW846	MW-17	Water	No	No	Yes	VOC – CCAL %D SVOC – CCAL %D, LCS %Recovery
	10/14/2025	SW846	MW-17I	Water	No	No	Yes	VOC – CCAL %D SVOC – CCAL %D, LCS %Recovery
	10/15/2025	SW846	MW-17D	Water	No	No	Yes	VOC – CCAL %D SVOC – CCAL %D, LCS %Recovery
	10/15/2025	SW846	MW-20D	Water	No	No	Yes	VOC - CCAL %D SVOC – Surrogate %Recovery, CCAL %D, LCS %Recovery
	10/15/2025	SW846	MW-36I	Water	No	No	Yes	VOC – CCAL %D SVOC – CCAL %D, LCS %Recovery
	10/15/2025	SW846	MW-36D	Water	No	No	Yes	VOC – CCAL %D SVOC – CCAL %D, LCS %Recovery
	10/14/2025	SW846	MW-38I	Water	No	No	Yes	VOC – CCAL %D SVOC – CCAL %D, LCS %Recovery
	10/14/2025	SW846	MW-38D	Water	No	No	Yes	VOC - CCAL %D SVOC – CCAL %D, MS/MSD %Recovery, LCS %Recovery
	10/14/2025	SW846	MW-39D	Water	No	No	Yes	VOC – CCAL %D SVOC – CCAL %D, LCS %Recovery
	10/14/2025	SW846	MW-46I	Water	No	No	Yes	VOC – CCAL %D SVOC – CCAL %D, LCS %Recovery
	10/15/2025	SW846	BD-20251015	Water	No	No	Yes	VOC – CCAL %D SVOC – CCAL %D, LCS %Recovery
	10/14/2025	SW846	EB-20251014	Water	No	No	Yes	VOC – CCAL %D SVOC – CCAL %D, LCS %Recovery

Sample Delivery Group (SDG)	Sampling Date	Protocol	Sample ID	Matrix	Compliancy[1]			Noncompliance
					VOC	SVOC	CYANIDE	
	10/15/2025	SW846	EB-20251015	Water	No	No	Yes	VOC – CCAL %D SVOC – CCAL %D, LCS %Recovery
	10/14/2025	SW846	TRIP BLANK-1	Water	No	-	-	VOC - CCAL %D
	10/14/2025	SW846	TRIP BLANK-2	Water	No	-	-	VOC - CCAL %D
	10/14/2025	SW846	TRIP BLANK-3	Water	No	-	-	VOC - CCAL %D

Note:

1 Samples which are compliant with no added validation qualifiers are listed as "yes". Samples which are non-compliant, or which have added qualifiers are listed as "no". A "no" designation does not necessarily indicate that the data have been rejected or are otherwise unusable.

VALIDATION PERFORMED BY: Joseph C. Houser

SIGNATURE: 

DATE: December 11, 2025

PEER REVIEW: Andrew Korycinski

DATE: December 15, 2025

Chain of Custody Corrected Sample Analysis Data Sheets

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: TW-2S
Lab Sample ID: 480-233645-1
Date Collected: 10/14/25 14:00
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/22/25 00:37	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 00:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/22/25 00:37	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/22/25 00:37	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/22/25 00:37	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/22/25 00:37	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/22/25 00:37	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/22/25 00:37	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/22/25 00:37	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/22/25 00:37	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 00:37	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/22/25 00:37	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/22/25 00:37	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/22/25 00:37	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/22/25 00:37	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/22/25 00:37	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/22/25 00:37	1
Acetone	10	U	10	3.0	ug/L			10/22/25 00:37	1
Benzene	**640**	**E ES**	1.0	0.41	ug/L			10/22/25 00:37	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/22/25 00:37	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/22/25 00:37	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/22/25 00:37	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/22/25 00:37	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/22/25 00:37	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/22/25 00:37	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/22/25 00:37	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/22/25 00:37	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/22/25 00:37	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/22/25 00:37	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/22/25 00:37	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/22/25 00:37	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/22/25 00:37	1
Dichlorodifluoromethane	1.0	U J	1.0	0.68	ug/L			10/22/25 00:37	1
Ethylbenzene	**380**	**E ES**	1.0	0.74	ug/L			10/22/25 00:37	1
Isopropylbenzene	**28**		1.0	0.79	ug/L			10/22/25 00:37	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/22/25 00:37	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/22/25 00:37	1
Methylcyclohexane	**0.21**	**J**	1.0	0.16	ug/L			10/22/25 00:37	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/22/25 00:37	1
Styrene	1.0	U	1.0	0.73	ug/L			10/22/25 00:37	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/22/25 00:37	1
Toluene	**25**		1.0	0.51	ug/L			10/22/25 00:37	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/22/25 00:37	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/22/25 00:37	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/22/25 00:37	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/22/25 00:37	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/22/25 00:37	1
Xylenes, Total	**170**	**E**	2.0	0.66	ug/L			10/22/25 00:37	1

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: TW-2S
Lab Sample ID: 480-233645-1
Date Collected: 10/14/25 14:00
Matrix: Water
Date Received: 10/16/25 09:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*95*		*77 - 120*		*10/22/25 00:37*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*10/22/25 00:37*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*10/22/25 00:37*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*10/22/25 00:37*	*1*

Method: SW846 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	50	U	50	41	ug/L			10/23/25 14:52	50
1,1,2,2-Tetrachloroethane	50	U	50	11	ug/L			10/23/25 14:52	50
1,1,2-Trichloro-1,2,2-trifluoroethane	50	U	50	16	ug/L			10/23/25 14:52	50
1,1,2-Trichloroethane	50	U	50	12	ug/L			10/23/25 14:52	50
1,1-Dichloroethane	50	U	50	19	ug/L			10/23/25 14:52	50
1,1-Dichloroethene	50	U	50	15	ug/L			10/23/25 14:52	50
1,2,4-Trichlorobenzene	50	U	50	21	ug/L			10/23/25 14:52	50
1,2-Dibromo-3-Chloropropane	50	U	50	20	ug/L			10/23/25 14:52	50
1,2-Dibromoethane	50	U	50	37	ug/L			10/23/25 14:52	50
1,2-Dichlorobenzene	50	U	50	40	ug/L			10/23/25 14:52	50
1,2-Dichloroethane	50	U	50	11	ug/L			10/23/25 14:52	50
1,2-Dichloropropane	50	U	50	36	ug/L			10/23/25 14:52	50
1,3-Dichlorobenzene	50	U	50	39	ug/L			10/23/25 14:52	50
1,4-Dichlorobenzene	50	U	50	42	ug/L			10/23/25 14:52	50
2-Butanone (MEK)	500	U	500	66	ug/L			10/23/25 14:52	50
2-Hexanone	250	U	250	62	ug/L			10/23/25 14:52	50
4-Methyl-2-pentanone (MIBK)	250	U	250	110	ug/L			10/23/25 14:52	50
Acetone	500	U	500	150	ug/L			10/23/25 14:52	50
Benzene	**1300**	D	50	21	ug/L			10/23/25 14:52	50
Bromodichloromethane	50	U	50	20	ug/L			10/23/25 14:52	50
Bromoform	50	U	50	13	ug/L			10/23/25 14:52	50
Bromomethane	50	U	50	35	ug/L			10/23/25 14:52	50
Carbon disulfide	50	U	50	9.5	ug/L			10/23/25 14:52	50
Carbon tetrachloride	50	U	50	14	ug/L			10/23/25 14:52	50
Chlorobenzene	50	U	50	38	ug/L			10/23/25 14:52	50
Chloroethane	50	U	50	16	ug/L			10/23/25 14:52	50
Chloroform	**18**	**J**	50	17	ug/L			10/23/25 14:52	50
Chloromethane	50	U	50	18	ug/L			10/23/25 14:52	50
cis-1,2-Dichloroethene	50	U	50	41	ug/L			10/23/25 14:52	50
cis-1,3-Dichloropropene	50	U	50	18	ug/L			10/23/25 14:52	50
Cyclohexane	50	U	50	9.0	ug/L			10/23/25 14:52	50
Dibromochloromethane	50	U	50	16	ug/L			10/23/25 14:52	50
Dichlorodifluoromethane	50	U	50	34	ug/L			10/23/25 14:52	50
Ethylbenzene	**520**	D	50	37	ug/L			10/23/25 14:52	50
Isopropylbenzene	50	U	50	40	ug/L			10/23/25 14:52	50
Methyl acetate	130	U	130	65	ug/L			10/23/25 14:52	50
Methyl tert-butyl ether	50	U	50	8.0	ug/L			10/23/25 14:52	50
Methylcyclohexane	50	U	50	8.0	ug/L			10/23/25 14:52	50
Methylene Chloride	50	U	50	22	ug/L			10/23/25 14:52	50
Styrene	50	U	50	37	ug/L			10/23/25 14:52	50
Tetrachloroethene	50	U	50	18	ug/L			10/23/25 14:52	50
Toluene	**26**	**J**	50	26	ug/L			10/23/25 14:52	50
trans-1,2-Dichloroethene	50	U	50	45	ug/L			10/23/25 14:52	50

Client Sample ID: TW-2S
Lab Sample ID: 480-233645-1

Date Collected: 10/14/25 14:00
Matrix: Water

Date Received: 10/16/25 09:45

Method: SW846 8260C - Volatile Organic Compounds by GC/MS - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	50	U	50	19	ug/L			10/23/25 14:52	50
Trichloroethene	50	U	50	23	ug/L			10/23/25 14:52	50
Trichlorofluoromethane	50	U	50	44	ug/L			10/23/25 14:52	50
Vinyl chloride	50	U	50	45	ug/L			10/23/25 14:52	50
Xylenes, Total	**190**	D	100	33	ug/L			10/23/25 14:52	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*77 - 120*		*10/23/25 14:52*	*50*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*		*10/23/25 14:52*	*50*
Dibromofluoromethane (Surr)	*94*		*75 - 123*		*10/23/25 14:52*	*50*
Toluene-d8 (Surr)	*89*		*80 - 120*		*10/23/25 14:52*	*50*

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	**47**	**J**	48	0.32	ug/L		10/20/25 09:28	10/21/25 17:51	10
bis (2-chloroisopropyl) ether	48	U J	48	0.82	ug/L		10/20/25 09:28	10/21/25 17:51	10
2,4,5-Trichlorophenol	48	U	48	0.62	ug/L		10/20/25 09:28	10/21/25 17:51	10
2,4,6-Trichlorophenol	48	U	48	0.69	ug/L		10/20/25 09:28	10/21/25 17:51	10
2,4-Dichlorophenol	4.8	U	4.8	0.53	ug/L		10/20/25 09:28	10/21/25 17:51	10
2,4-Dimethylphenol	9.5	U	9.5	2.9	ug/L		10/20/25 09:28	10/21/25 17:51	10
2,4-Dinitrophenol	48	U	48	5.7	ug/L		10/20/25 09:28	10/21/25 17:51	10
2,4-Dinitrotoluene	48	U	48	0.32	ug/L		10/20/25 09:28	10/21/25 17:51	10
2,6-Dinitrotoluene	48	U	48	0.87	ug/L		10/20/25 09:28	10/21/25 17:51	10
2-Chloronaphthalene	4.8	U	4.8	0.63	ug/L		10/20/25 09:28	10/21/25 17:51	10
2-Chlorophenol	48	U	48	0.63	ug/L		10/20/25 09:28	10/21/25 17:51	10
2-Methylnaphthalene	**16**	J	4.8	0.50	ug/L		10/20/25 09:28	10/21/25 17:51	10
2-Methylphenol	9.5	U J	9.5	1.3	ug/L		10/20/25 09:28	10/21/25 17:51	10
2-Nitroaniline	48	U	48	0.90	ug/L		10/20/25 09:28	10/21/25 17:51	10
2-Nitrophenol	48	U	48	0.59	ug/L		10/20/25 09:28	10/21/25 17:51	10
3,3'-Dichlorobenzidine	48	U	48	2.1	ug/L		10/20/25 09:28	10/21/25 17:51	10
3-Nitroaniline	48	U	48	1.2	ug/L		10/20/25 09:28	10/21/25 17:51	10
4,6-Dinitro-2-methylphenol	48	U	48	7.0	ug/L		10/20/25 09:28	10/21/25 17:51	10
4-Bromophenyl phenyl ether	48	U	48	0.87	ug/L		10/20/25 09:28	10/21/25 17:51	10
4-Chloro-3-methylphenol	48	U	48	0.50	ug/L		10/20/25 09:28	10/21/25 17:51	10
4-Chloroaniline	48	U	48	1.2	ug/L		10/20/25 09:28	10/21/25 17:51	10
4-Chlorophenyl phenyl ether	48	U	48	0.44	ug/L		10/20/25 09:28	10/21/25 17:51	10
4-Methylphenol	9.5	U	9.5	0.90	ug/L		10/20/25 09:28	10/21/25 17:51	10
4-Nitroaniline	48	U	48	0.24	ug/L		10/20/25 09:28	10/21/25 17:51	10
4-Nitrophenol	48	U	48	3.7	ug/L		10/20/25 09:28	10/21/25 17:51	10
Acenaphthene	**220**	**E**	4.8	0.34	ug/L		10/20/25 09:28	10/21/25 17:51	10
Acenaphthylene	**3.0**	J	2.9	0.53	ug/L		10/20/25 09:28	10/21/25 17:51	10
Acetophenone	48 UB **4.3**	**J B**	48	0.95	ug/L		10/20/25 09:28	10/21/25 17:51	10
Anthracene	**7.2**	J	4.8	0.32	ug/L		10/20/25 09:28	10/21/25 17:51	10
Atrazine	19	U J	19	2.8	ug/L		10/20/25 09:28	10/21/25 17:51	10
Benzaldehyde	48	U J	48	0.71	ug/L		10/20/25 09:28	10/21/25 17:51	10
Benzo(a)anthracene	**0.33**	**J**	2.9	0.32	ug/L		10/20/25 09:28	10/21/25 17:51	10
Benzo(a)pyrene	1.7	U J	1.7	1.2	ug/L		10/20/25 09:28	10/21/25 17:51	10
Benzo(b)fluoranthene	**0.67**	**J**	2.9	0.60	ug/L		10/20/25 09:28	10/21/25 17:51	10
Benzo(g,h,i)perylene	4.8	U J	4.8	0.55	ug/L		10/20/25 09:28	10/21/25 17:51	10
Benzo(k)fluoranthene	2.9	U J	2.9	0.67	ug/L		10/20/25 09:28	10/21/25 17:51	10

Client Sample ID: TW-2S
Lab Sample ID: 480-233645-1
Date Collected: 10/14/25 14:00
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	48	U J	48	0.61	ug/L		10/20/25 09:28	10/21/25 17:51	10
Bis(2-chloroethyl)ether	48	U	48	0.69	ug/L		10/20/25 09:28	10/21/25 17:51	10
Bis(2-ethylhexyl) phthalate	48	U	48	4.0	ug/L		10/20/25 09:28	10/21/25 17:51	10
Butyl benzyl phthalate	29	U	29	1.5	ug/L		10/20/25 09:28	10/21/25 17:51	10
Caprolactam	48	U *	48	2.1	ug/L		10/20/25 09:28	10/21/25 17:51	10
Carbazole	**4.5**	**J**	48	0.75	ug/L		10/20/25 09:28	10/21/25 17:51	10
Chrysene	4.8	U J	4.8	0.70	ug/L		10/20/25 09:28	10/21/25 17:51	10
Dibenz(a,h)anthracene	4.8	U J	4.8	0.67	ug/L		10/20/25 09:28	10/21/25 17:51	10
Dibenzofuran	**8.5**	**J**	48	0.57	ug/L		10/20/25 09:28	10/21/25 17:51	10
Diethyl phthalate	4.8	U J	4.8	0.61	ug/L		10/20/25 09:28	10/21/25 17:51	10
Dimethyl phthalate	4.8	U	4.8	0.54	ug/L		10/20/25 09:28	10/21/25 17:51	10
Di-n-butyl phthalate	19	U	19	3.3	ug/L		10/20/25 09:28	10/21/25 17:51	10
Di-n-octyl phthalate	48	U	48	1.9	ug/L		10/20/25 09:28	10/21/25 17:51	10
Fluoranthene	**5.3**	**J**	4.8	0.76	ug/L		10/20/25 09:28	10/21/25 17:51	10
Fluorene	**51**	**J**	4.8	0.55	ug/L		10/20/25 09:28	10/21/25 17:51	10
Hexachlorobenzene	4.8	U J	4.8	2.1	ug/L		10/20/25 09:28	10/21/25 17:51	10
Hexachlorobutadiene	9.5	U	9.5	0.95	ug/L		10/20/25 09:28	10/21/25 17:51	10
Hexachlorocyclopentadiene	9.5	U	9.5	0.87	ug/L		10/20/25 09:28	10/21/25 17:51	10
Hexachloroethane	48	U	48	0.84	ug/L		10/20/25 09:28	10/21/25 17:51	10
Indeno(1,2,3-cd)pyrene	4.8	U	4.8	1.0	ug/L		10/20/25 09:28	10/21/25 17:51	10
Isophorone	4.8	U	4.8	0.49	ug/L		10/20/25 09:28	10/21/25 17:51	10
~~Naphthalene~~	~~820~~	~~E5 E~~	9.5	0.61	ug/L		10/20/25 09:28	10/21/25 17:51	10
Nitrobenzene	4.8	U J	4.8	0.62	ug/L		10/20/25 09:28	10/21/25 17:51	10
N-Nitrosodi-n-propylamine	48	U	48	0.57	ug/L		10/20/25 09:28	10/21/25 17:51	10
N-Nitrosodiphenylamine	48	U	48	0.67	ug/L		10/20/25 09:28	10/21/25 17:51	10
Pentachlorophenol	9.5	U	9.5	3.2	ug/L		10/20/25 09:28	10/21/25 17:51	10
Phenanthrene	**64**	**J**	1.9	0.59	ug/L		10/20/25 09:28	10/21/25 17:51	10
Phenol	**4.8**	**J**	9.5	0.95	ug/L		10/20/25 09:28	10/21/25 17:51	10
Pyrene	**5.6**	**J**	4.8	0.72	ug/L		10/20/25 09:28	10/21/25 17:51	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*0*	*S1-*	*26 - 120*	*10/20/25 09:28*	*10/21/25 17:51*	*10*
p-Terphenyl-d14	*83*		*64 - 127*	*10/20/25 09:28*	*10/21/25 17:51*	*10*
Phenol-d5	*30*		*11 - 120*	*10/20/25 09:28*	*10/21/25 17:51*	*10*
2-Fluorophenol	*0*	*S1-*	*10 - 120*	*10/20/25 09:28*	*10/21/25 17:51*	*10*
2,4,6-Tribromophenol	*115*		*24 - 146*	*10/20/25 09:28*	*10/21/25 17:51*	*10*
2-Fluorobiphenyl	*85*		*37 - 120*	*10/20/25 09:28*	*10/21/25 17:51*	*10*

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
~~Biphenyl~~	~~52~~	**J**	480	3.2	ug/L		10/20/25 09:28	10/22/25 13:47	100
bis (2-chloroisopropyl) ether	480	U	480	8.2	ug/L		10/20/25 09:28	10/22/25 13:47	100
2,4,5-Trichlorophenol	480	U	480	6.2	ug/L		10/20/25 09:28	10/22/25 13:47	100
2,4,6-Trichlorophenol	480	U	480	6.9	ug/L		10/20/25 09:28	10/22/25 13:47	100
2,4-Dichlorophenol	48	U	48	5.3	ug/L		10/20/25 09:28	10/22/25 13:47	100
2,4-Dimethylphenol	95	U	95	29	ug/L		10/20/25 09:28	10/22/25 13:47	100
2,4-Dinitrophenol	480	U	480	57	ug/L		10/20/25 09:28	10/22/25 13:47	100
2,4-Dinitrotoluene	480	U	480	3.2	ug/L		10/20/25 09:28	10/22/25 13:47	100
2,6-Dinitrotoluene	480	U	480	8.7	ug/L		10/20/25 09:28	10/22/25 13:47	100
2-Chloronaphthalene	48	U	48	6.3	ug/L		10/20/25 09:28	10/22/25 13:47	100

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: TW-2S
Lab Sample ID: 480-233645-1
Date Collected: 10/14/25 14:00
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	480	U	480	6.3	ug/L		10/20/25 09:28	10/22/25 13:47	100
2-Methylnaphthalene	**18**	**J**	48	5.0	ug/L		10/20/25 09:28	10/22/25 13:47	100
2-Methylphenol	95	U	95	13	ug/L		10/20/25 09:28	10/22/25 13:47	100
2-Nitroaniline	480	U	480	9.0	ug/L		10/20/25 09:28	10/22/25 13:47	100
2-Nitrophenol	480	U	480	5.9	ug/L		10/20/25 09:28	10/22/25 13:47	100
3,3'-Dichlorobenzidine	480	U	480	21	ug/L		10/20/25 09:28	10/22/25 13:47	100
3-Nitroaniline	480	U	480	12	ug/L		10/20/25 09:28	10/22/25 13:47	100
4,6-Dinitro-2-methylphenol	480	U	480	70	ug/L		10/20/25 09:28	10/22/25 13:47	100
4-Bromophenyl phenyl ether	480	U	480	8.7	ug/L		10/20/25 09:28	10/22/25 13:47	100
4-Chloro-3-methylphenol	480	U	480	5.0	ug/L		10/20/25 09:28	10/22/25 13:47	100
4-Chloroaniline	480	U	480	12	ug/L		10/20/25 09:28	10/22/25 13:47	100
4-Chlorophenyl phenyl ether	480	U	480	4.4	ug/L		10/20/25 09:28	10/22/25 13:47	100
4-Methylphenol	95	U	95	9.0	ug/L		10/20/25 09:28	10/22/25 13:47	100
4-Nitroaniline	480	U	480	2.4	ug/L		10/20/25 09:28	10/22/25 13:47	100
4-Nitrophenol	480	U	480	37	ug/L		10/20/25 09:28	10/22/25 13:47	100
Acenaphthene	**200**	D J	48	3.4	ug/L		10/20/25 09:28	10/22/25 13:47	100
Acenaphthylene	29	U	29	5.3	ug/L		10/20/25 09:28	10/22/25 13:47	100
Acetophenone	480	U	480	9.5	ug/L		10/20/25 09:28	10/22/25 13:47	100
Anthracene	**11**	**J**	48	3.2	ug/L		10/20/25 09:28	10/22/25 13:47	100
Atrazine	190	U	190	28	ug/L		10/20/25 09:28	10/22/25 13:47	100
Benzaldehyde	480	U	480	7.1	ug/L		10/20/25 09:28	10/22/25 13:47	100
Benzo(a)anthracene	29	U	29	3.2	ug/L		10/20/25 09:28	10/22/25 13:47	100
Benzo(a)pyrene	17	U	17	12	ug/L		10/20/25 09:28	10/22/25 13:47	100
Benzo(b)fluoranthene	29	U	29	6.0	ug/L		10/20/25 09:28	10/22/25 13:47	100
Benzo(g,h,i)perylene	48	U	48	5.5	ug/L		10/20/25 09:28	10/22/25 13:47	100
Benzo(k)fluoranthene	29	U	29	6.7	ug/L		10/20/25 09:28	10/22/25 13:47	100
Bis(2-chloroethoxy)methane	480	U	480	6.1	ug/L		10/20/25 09:28	10/22/25 13:47	100
Bis(2-chloroethyl)ether	480	U	480	6.9	ug/L		10/20/25 09:28	10/22/25 13:47	100
Bis(2-ethylhexyl) phthalate	480	U	480	40	ug/L		10/20/25 09:28	10/22/25 13:47	100
Butyl benzyl phthalate	290	U	290	15	ug/L		10/20/25 09:28	10/22/25 13:47	100
Caprolactam	480	U *-	480	21	ug/L		10/20/25 09:28	10/22/25 13:47	100
Carbazole	480	U	480	7.5	ug/L		10/20/25 09:28	10/22/25 13:47	100
Chrysene	48	U	48	7.0	ug/L		10/20/25 09:28	10/22/25 13:47	100
Dibenz(a,h)anthracene	48	U	48	6.7	ug/L		10/20/25 09:28	10/22/25 13:47	100
Dibenzofuran	**9.0**	**J**	480	5.7	ug/L		10/20/25 09:28	10/22/25 13:47	100
Diethyl phthalate	48	U	48	6.1	ug/L		10/20/25 09:28	10/22/25 13:47	100
Dimethyl phthalate	48	U	48	5.4	ug/L		10/20/25 09:28	10/22/25 13:47	100
Di-n-butyl phthalate	190	U	190	33	ug/L		10/20/25 09:28	10/22/25 13:47	100
Di-n-octyl phthalate	480	U	480	19	ug/L		10/20/25 09:28	10/22/25 13:47	100
Fluoranthene	48	U	48	7.6	ug/L		10/20/25 09:28	10/22/25 13:47	100
Fluorene	**53**		48	5.5	ug/L		10/20/25 09:28	10/22/25 13:47	100
Hexachlorobenzene	48	U	48	21	ug/L		10/20/25 09:28	10/22/25 13:47	100
Hexachlorobutadiene	95	U	95	9.5	ug/L		10/20/25 09:28	10/22/25 13:47	100
Hexachlorocyclopentadiene	95	U	95	8.7	ug/L		10/20/25 09:28	10/22/25 13:47	100
Hexachloroethane	480	U	480	8.4	ug/L		10/20/25 09:28	10/22/25 13:47	100
Indeno(1,2,3-cd)pyrene	48	U	48	10	ug/L		10/20/25 09:28	10/22/25 13:47	100
Isophorone	48	U	48	4.9	ug/L		10/20/25 09:28	10/22/25 13:47	100
Naphthalene	**950**	DJ	95	6.1	ug/L		10/20/25 09:28	10/22/25 13:47	100
Nitrobenzene	48	U	48	6.2	ug/L		10/20/25 09:28	10/22/25 13:47	100

Client Sample ID: TW-2S
Lab Sample ID: 480-233645-1
Date Collected: 10/14/25 14:00
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	480	U	480	5.7	ug/L		10/20/25 09:28	10/22/25 13:47	100
N-Nitrosodiphenylamine	480	U	480	6.7	ug/L		10/20/25 09:28	10/22/25 13:47	100
Pentachlorophenol	95	U	95	32	ug/L		10/20/25 09:28	10/22/25 13:47	100
Phenanthrene	**62**		19	5.9	ug/L		10/20/25 09:28	10/22/25 13:47	100
Phenol	**11**	**J**	95	9.5	ug/L		10/20/25 09:28	10/22/25 13:47	100
Pyrene	48	U	48	7.2	ug/L		10/20/25 09:28	10/22/25 13:47	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*0*	*S1-*	*26 - 120*	*10/20/25 09:28*	*10/22/25 13:47*	*100*
p-Terphenyl-d14	*82*		*64 - 127*	*10/20/25 09:28*	*10/22/25 13:47*	*100*
Phenol-d5	*0*	*S1-*	*11 - 120*	*10/20/25 09:28*	*10/22/25 13:47*	*100*
2-Fluorophenol	*0*	*S1-*	*10 - 120*	*10/20/25 09:28*	*10/22/25 13:47*	*100*
2,4,6-Tribromophenol	*0*	*S1-*	*24 - 146*	*10/20/25 09:28*	*10/22/25 13:47*	*100*
2-Fluorobiphenyl	*153*	*S1+*	*37 - 120*	*10/20/25 09:28*	*10/22/25 13:47*	*100*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.0080**	**J**	0.010	0.0041	mg/L			10/21/25 01:31	1

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: MW-2
Lab Sample ID: 480-233645-2
Date Collected: 10/14/25 09:45
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/22/25 01:01	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 01:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/22/25 01:01	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/22/25 01:01	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/22/25 01:01	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/22/25 01:01	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/22/25 01:01	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/22/25 01:01	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/22/25 01:01	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/22/25 01:01	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 01:01	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/22/25 01:01	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/22/25 01:01	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/22/25 01:01	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/22/25 01:01	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/22/25 01:01	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/22/25 01:01	1
Acetone	10	U	10	3.0	ug/L			10/22/25 01:01	1
Benzene	1.0	U	1.0	0.41	ug/L			10/22/25 01:01	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/22/25 01:01	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/22/25 01:01	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/22/25 01:01	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/22/25 01:01	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/22/25 01:01	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/22/25 01:01	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/22/25 01:01	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/22/25 01:01	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/22/25 01:01	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/22/25 01:01	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/22/25 01:01	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/22/25 01:01	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/22/25 01:01	1
Dichlorodifluoromethane	1.0	U J	1.0	0.68	ug/L			10/22/25 01:01	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/22/25 01:01	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/22/25 01:01	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/22/25 01:01	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/22/25 01:01	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/22/25 01:01	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/22/25 01:01	1
Styrene	1.0	U	1.0	0.73	ug/L			10/22/25 01:01	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/22/25 01:01	1
Toluene	1.0	U	1.0	0.51	ug/L			10/22/25 01:01	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/22/25 01:01	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/22/25 01:01	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/22/25 01:01	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/22/25 01:01	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/22/25 01:01	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/22/25 01:01	1

Client Sample ID: MW-2
Lab Sample ID: 480-233645-2
Date Collected: 10/14/25 09:45
Matrix: Water
Date Received: 10/16/25 09:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		77 - 120		10/22/25 01:01	1
4-Bromofluorobenzene (Surr)	97		73 - 120		10/22/25 01:01	1
Dibromofluoromethane (Surr)	96		75 - 123		10/22/25 01:01	1
Toluene-d8 (Surr)	93		80 - 120		10/22/25 01:01	1

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	24	U	24	0.16	ug/L		10/20/25 09:28	10/21/25 18:17	5
bis (2-chloroisopropyl) ether	24	U J	24	0.41	ug/L		10/20/25 09:28	10/21/25 18:17	5
2,4,5-Trichlorophenol	24	U	24	0.31	ug/L		10/20/25 09:28	10/21/25 18:17	5
2,4,6-Trichlorophenol	24	U	24	0.35	ug/L		10/20/25 09:28	10/21/25 18:17	5
2,4-Dichlorophenol	2.4	U	2.4	0.27	ug/L		10/20/25 09:28	10/21/25 18:17	5
2,4-Dimethylphenol	4.8	U	4.8	1.4	ug/L		10/20/25 09:28	10/21/25 18:17	5
2,4-Dinitrophenol	24	U	24	2.9	ug/L		10/20/25 09:28	10/21/25 18:17	5
2,4-Dinitrotoluene	24	U	24	0.16	ug/L		10/20/25 09:28	10/21/25 18:17	5
2,6-Dinitrotoluene	24	U	24	0.44	ug/L		10/20/25 09:28	10/21/25 18:17	5
2-Chloronaphthalene	2.4	U	2.4	0.32	ug/L		10/20/25 09:28	10/21/25 18:17	5
2-Chlorophenol	24	U	24	0.32	ug/L		10/20/25 09:28	10/21/25 18:17	5
2-Methylnaphthalene	2.4	U	2.4	0.25	ug/L		10/20/25 09:28	10/21/25 18:17	5
2-Methylphenol	4.8	U	4.8	0.67	ug/L		10/20/25 09:28	10/21/25 18:17	5
2-Nitroaniline	24	U	24	0.46	ug/L		10/20/25 09:28	10/21/25 18:17	5
2-Nitrophenol	24	U	24	0.30	ug/L		10/20/25 09:28	10/21/25 18:17	5
3,3'-Dichlorobenzidine	24	U	24	1.1	ug/L		10/20/25 09:28	10/21/25 18:17	5
3-Nitroaniline	24	U	24	0.63	ug/L		10/20/25 09:28	10/21/25 18:17	5
4,6-Dinitro-2-methylphenol	24	U	24	3.6	ug/L		10/20/25 09:28	10/21/25 18:17	5
4-Bromophenyl phenyl ether	24	U	24	0.44	ug/L		10/20/25 09:28	10/21/25 18:17	5
4-Chloro-3-methylphenol	24	U	24	0.25	ug/L		10/20/25 09:28	10/21/25 18:17	5
4-Chloroaniline	24	U	24	0.63	ug/L		10/20/25 09:28	10/21/25 18:17	5
4-Chlorophenyl phenyl ether	24	U	24	0.22	ug/L		10/20/25 09:28	10/21/25 18:17	5
4-Methylphenol	4.8	U	4.8	0.45	ug/L		10/20/25 09:28	10/21/25 18:17	5
4-Nitroaniline	24	U	24	0.12	ug/L		10/20/25 09:28	10/21/25 18:17	5
4-Nitrophenol	24	U	24	1.9	ug/L		10/20/25 09:28	10/21/25 18:17	5
Acenaphthene	2.4	U	2.4	0.17	ug/L		10/20/25 09:28	10/21/25 18:17	5
Acenaphthylene	1.4	U	1.4	0.27	ug/L		10/20/25 09:28	10/21/25 18:17	5
Acetophenone	24	U	24	0.48	ug/L		10/20/25 09:28	10/21/25 18:17	5
Anthracene	2.4	U	2.4	0.16	ug/L		10/20/25 09:28	10/21/25 18:17	5
Atrazine	9.6	U J	9.6	1.4	ug/L		10/20/25 09:28	10/21/25 18:17	5
Benzaldehyde	24	U	24	0.36	ug/L		10/20/25 09:28	10/21/25 18:17	5
Benzo(a)anthracene	1.4	U	1.4	0.16	ug/L		10/20/25 09:28	10/21/25 18:17	5
Benzo(a)pyrene	0.87	U	0.87	0.63	ug/L		10/20/25 09:28	10/21/25 18:17	5
Benzo(b)fluoranthene	**0.69**	**J**	1.4	0.30	ug/L		10/20/25 09:28	10/21/25 18:17	5
Benzo(g,h,i)perylene	**0.42**	**J**	2.4	0.28	ug/L		10/20/25 09:28	10/21/25 18:17	5
Benzo(k)fluoranthene	1.4	U	1.4	0.34	ug/L		10/20/25 09:28	10/21/25 18:17	5
Bis(2-chloroethoxy)methane	24	U	24	0.31	ug/L		10/20/25 09:28	10/21/25 18:17	5
Bis(2-chloroethyl)ether	24	U	24	0.35	ug/L		10/20/25 09:28	10/21/25 18:17	5
Bis(2-ethylhexyl) phthalate	24	U	24	2.0	ug/L		10/20/25 09:28	10/21/25 18:17	5
Butyl benzyl phthalate	14	U	14	0.77	ug/L		10/20/25 09:28	10/21/25 18:17	5
Caprolactam	24	U J	24	1.1	ug/L		10/20/25 09:28	10/21/25 18:17	5
Carbazole	24	U J	24	0.38	ug/L		10/20/25 09:28	10/21/25 18:17	5
Chrysene	**0.45**	**J**	2.4	0.36	ug/L		10/20/25 09:28	10/21/25 18:17	5

Client Sample ID: MW-2
Lab Sample ID: 480-233645-2
Date Collected: 10/14/25 09:45
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	2.4	U	2.4	0.34	ug/L		10/20/25 09:28	10/21/25 18:17	5
Dibenzofuran	24	U	24	0.29	ug/L		10/20/25 09:28	10/21/25 18:17	5
Diethyl phthalate	2.4	U	2.4	0.31	ug/L		10/20/25 09:28	10/21/25 18:17	5
Dimethyl phthalate	2.4	U	2.4	0.27	ug/L		10/20/25 09:28	10/21/25 18:17	5
Di-n-butyl phthalate	9.6	U	9.6	1.7	ug/L		10/20/25 09:28	10/21/25 18:17	5
Di-n-octyl phthalate	24	U	24	0.96	ug/L		10/20/25 09:28	10/21/25 18:17	5
Fluoranthene	**1.2**	**J**	2.4	0.38	ug/L		10/20/25 09:28	10/21/25 18:17	5
Fluorene	2.4	U	2.4	0.28	ug/L		10/20/25 09:28	10/21/25 18:17	5
Hexachlorobenzene	2.4	U	2.4	1.1	ug/L		10/20/25 09:28	10/21/25 18:17	5
Hexachlorobutadiene	4.8	U J	4.8	0.48	ug/L		10/20/25 09:28	10/21/25 18:17	5
Hexachlorocyclopentadiene	4.8	U	4.8	0.44	ug/L		10/20/25 09:28	10/21/25 18:17	5
Hexachloroethane	24	U	24	0.42	ug/L		10/20/25 09:28	10/21/25 18:17	5
Indeno(1,2,3-cd)pyrene	2.4	U	2.4	0.53	ug/L		10/20/25 09:28	10/21/25 18:17	5
Isophorone	2.4	U	2.4	0.25	ug/L		10/20/25 09:28	10/21/25 18:17	5
Naphthalene	**0.31**	**J**	4.8	0.31	ug/L		10/20/25 09:28	10/21/25 18:17	5
Nitrobenzene	2.4	U	2.4	0.31	ug/L		10/20/25 09:28	10/21/25 18:17	5
N-Nitrosodi-n-propylamine	24	U J	24	0.29	ug/L		10/20/25 09:28	10/21/25 18:17	5
N-Nitrosodiphenylamine	24	U	24	0.34	ug/L		10/20/25 09:28	10/21/25 18:17	5
Pentachlorophenol	4.8	U	4.8	1.6	ug/L		10/20/25 09:28	10/21/25 18:17	5
Phenanthrene	0.96	U	0.96	0.30	ug/L		10/20/25 09:28	10/21/25 18:17	5
Phenol	4.8	U J	4.8	0.48	ug/L		10/20/25 09:28	10/21/25 18:17	5
Pyrene	**0.72**	**J**	2.4	0.37	ug/L		10/20/25 09:28	10/21/25 18:17	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*68*		*26 - 120*	*10/20/25 09:28*	*10/21/25 18:17*	*5*
p-Terphenyl-d14	*89*		*64 - 127*	*10/20/25 09:28*	*10/21/25 18:17*	*5*
Phenol-d5	*30*		*11 - 120*	*10/20/25 09:28*	*10/21/25 18:17*	*5*
2-Fluorophenol	*43*		*10 - 120*	*10/20/25 09:28*	*10/21/25 18:17*	*5*
2,4,6-Tribromophenol	*92*		*24 - 146*	*10/20/25 09:28*	*10/21/25 18:17*	*5*
2-Fluorobiphenyl	*88*		*37 - 120*	*10/20/25 09:28*	*10/21/25 18:17*	*5*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.010	U	0.010	0.0041	mg/L			10/21/25 01:34	1

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: MW-2I
Lab Sample ID: 480-233645-3
Date Collected: 10/14/25 11:10
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/22/25 01:25	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 01:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/22/25 01:25	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/22/25 01:25	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/22/25 01:25	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/22/25 01:25	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/22/25 01:25	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/22/25 01:25	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/22/25 01:25	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/22/25 01:25	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 01:25	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/22/25 01:25	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/22/25 01:25	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/22/25 01:25	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/22/25 01:25	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/22/25 01:25	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/22/25 01:25	1
Acetone	10	U	10	3.0	ug/L			10/22/25 01:25	1
Benzene	1.0	U	1.0	0.41	ug/L			10/22/25 01:25	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/22/25 01:25	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/22/25 01:25	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/22/25 01:25	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/22/25 01:25	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/22/25 01:25	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/22/25 01:25	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/22/25 01:25	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/22/25 01:25	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/22/25 01:25	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/22/25 01:25	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/22/25 01:25	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/22/25 01:25	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/22/25 01:25	1
Dichlorodifluoromethane	1.0	U J	1.0	0.68	ug/L			10/22/25 01:25	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/22/25 01:25	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/22/25 01:25	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/22/25 01:25	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/22/25 01:25	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/22/25 01:25	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/22/25 01:25	1
Styrene	1.0	U	1.0	0.73	ug/L			10/22/25 01:25	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/22/25 01:25	1
Toluene	1.0	U	1.0	0.51	ug/L			10/22/25 01:25	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/22/25 01:25	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/22/25 01:25	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/22/25 01:25	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/22/25 01:25	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/22/25 01:25	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/22/25 01:25	1

Client Sample ID: MW-2I
Lab Sample ID: 480-233645-3
Date Collected: 10/14/25 11:10
Matrix: Water
Date Received: 10/16/25 09:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*90*		*77 - 120*		*10/22/25 01:25*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*10/22/25 01:25*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 123*		*10/22/25 01:25*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*10/22/25 01:25*	*1*

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	24	U	24	0.16	ug/L		10/20/25 09:28	10/21/25 18:43	5
bis (2-chloroisopropyl) ether	24	U J	24	0.41	ug/L		10/20/25 09:28	10/21/25 18:43	5
2,4,5-Trichlorophenol	24	U	24	0.31	ug/L		10/20/25 09:28	10/21/25 18:43	5
2,4,6-Trichlorophenol	24	U	24	0.35	ug/L		10/20/25 09:28	10/21/25 18:43	5
2,4-Dichlorophenol	2.4	U	2.4	0.27	ug/L		10/20/25 09:28	10/21/25 18:43	5
2,4-Dimethylphenol	4.8	U	4.8	1.4	ug/L		10/20/25 09:28	10/21/25 18:43	5
2,4-Dinitrophenol	24	U	24	2.9	ug/L		10/20/25 09:28	10/21/25 18:43	5
2,4-Dinitrotoluene	24	U	24	0.16	ug/L		10/20/25 09:28	10/21/25 18:43	5
2,6-Dinitrotoluene	24	U	24	0.44	ug/L		10/20/25 09:28	10/21/25 18:43	5
2-Chloronaphthalene	2.4	U	2.4	0.32	ug/L		10/20/25 09:28	10/21/25 18:43	5
2-Chlorophenol	24	U	24	0.32	ug/L		10/20/25 09:28	10/21/25 18:43	5
2-Methylnaphthalene	2.4	U	2.4	0.25	ug/L		10/20/25 09:28	10/21/25 18:43	5
2-Methylphenol	4.8	U	4.8	0.67	ug/L		10/20/25 09:28	10/21/25 18:43	5
2-Nitroaniline	24	U	24	0.46	ug/L		10/20/25 09:28	10/21/25 18:43	5
2-Nitrophenol	24	U	24	0.30	ug/L		10/20/25 09:28	10/21/25 18:43	5
3,3'-Dichlorobenzidine	24	U	24	1.1	ug/L		10/20/25 09:28	10/21/25 18:43	5
3-Nitroaniline	24	U	24	0.63	ug/L		10/20/25 09:28	10/21/25 18:43	5
4,6-Dinitro-2-methylphenol	24	U	24	3.6	ug/L		10/20/25 09:28	10/21/25 18:43	5
4-Bromophenyl phenyl ether	24	U	24	0.44	ug/L		10/20/25 09:28	10/21/25 18:43	5
4-Chloro-3-methylphenol	24	U	24	0.25	ug/L		10/20/25 09:28	10/21/25 18:43	5
4-Chloroaniline	24	U	24	0.63	ug/L		10/20/25 09:28	10/21/25 18:43	5
4-Chlorophenyl phenyl ether	24	U	24	0.22	ug/L		10/20/25 09:28	10/21/25 18:43	5
4-Methylphenol	4.8	U	4.8	0.45	ug/L		10/20/25 09:28	10/21/25 18:43	5
4-Nitroaniline	24	U	24	0.12	ug/L		10/20/25 09:28	10/21/25 18:43	5
4-Nitrophenol	24	U	24	1.9	ug/L		10/20/25 09:28	10/21/25 18:43	5
Acenaphthene	2.4	U	2.4	0.17	ug/L		10/20/25 09:28	10/21/25 18:43	5
Acenaphthylene	1.4	U	1.4	0.27	ug/L		10/20/25 09:28	10/21/25 18:43	5
Acetophenone	24	U	24	0.48	ug/L		10/20/25 09:28	10/21/25 18:43	5
Anthracene	2.4	U	2.4	0.16	ug/L		10/20/25 09:28	10/21/25 18:43	5
Atrazine	9.6	U J	9.6	1.4	ug/L		10/20/25 09:28	10/21/25 18:43	5
Benzaldehyde	24	U	24	0.36	ug/L		10/20/25 09:28	10/21/25 18:43	5
Benzo(a)anthracene	1.4	U	1.4	0.16	ug/L		10/20/25 09:28	10/21/25 18:43	5
Benzo(a)pyrene	0.87	U	0.87	0.63	ug/L		10/20/25 09:28	10/21/25 18:43	5
Benzo(b)fluoranthene	1.4	U	1.4	0.30	ug/L		10/20/25 09:28	10/21/25 18:43	5
Benzo(g,h,i)perylene	2.4	U	2.4	0.28	ug/L		10/20/25 09:28	10/21/25 18:43	5
Benzo(k)fluoranthene	1.4	U	1.4	0.34	ug/L		10/20/25 09:28	10/21/25 18:43	5
Bis(2-chloroethoxy)methane	24	U	24	0.31	ug/L		10/20/25 09:28	10/21/25 18:43	5
Bis(2-chloroethyl)ether	24	U	24	0.35	ug/L		10/20/25 09:28	10/21/25 18:43	5
Bis(2-ethylhexyl) phthalate	24	U	24	2.0	ug/L		10/20/25 09:28	10/21/25 18:43	5
Butyl benzyl phthalate	14	U	14	0.77	ug/L		10/20/25 09:28	10/21/25 18:43	5
Caprolactam	24	U J	24	1.1	ug/L		10/20/25 09:28	10/21/25 18:43	5
Carbazole	24	U J	24	0.38	ug/L		10/20/25 09:28	10/21/25 18:43	5
Chrysene	2.4	U	2.4	0.36	ug/L		10/20/25 09:28	10/21/25 18:43	5

Client Sample ID: MW-2I
Lab Sample ID: 480-233645-3
Date Collected: 10/14/25 11:10
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	2.4	U	2.4	0.34	ug/L		10/20/25 09:28	10/21/25 18:43	5
Dibenzofuran	24	U	24	0.29	ug/L		10/20/25 09:28	10/21/25 18:43	5
Diethyl phthalate	2.4	U	2.4	0.31	ug/L		10/20/25 09:28	10/21/25 18:43	5
Dimethyl phthalate	2.4	U	2.4	0.27	ug/L		10/20/25 09:28	10/21/25 18:43	5
Di-n-butyl phthalate	9.6	U	9.6	1.7	ug/L		10/20/25 09:28	10/21/25 18:43	5
Di-n-octyl phthalate	24	U	24	0.96	ug/L		10/20/25 09:28	10/21/25 18:43	5
Fluoranthene	**0.42**	**J**	2.4	0.38	ug/L		10/20/25 09:28	10/21/25 18:43	5
Fluorene	2.4	U	2.4	0.28	ug/L		10/20/25 09:28	10/21/25 18:43	5
Hexachlorobenzene	2.4	U	2.4	1.1	ug/L		10/20/25 09:28	10/21/25 18:43	5
Hexachlorobutadiene	4.8	U J	4.8	0.48	ug/L		10/20/25 09:28	10/21/25 18:43	5
Hexachlorocyclopentadiene	4.8	U	4.8	0.44	ug/L		10/20/25 09:28	10/21/25 18:43	5
Hexachloroethane	24	U	24	0.42	ug/L		10/20/25 09:28	10/21/25 18:43	5
Indeno(1,2,3-cd)pyrene	2.4	U	2.4	0.53	ug/L		10/20/25 09:28	10/21/25 18:43	5
Isophorone	2.4	U	2.4	0.25	ug/L		10/20/25 09:28	10/21/25 18:43	5
Naphthalene	4.8	U	4.8	0.31	ug/L		10/20/25 09:28	10/21/25 18:43	5
Nitrobenzene	2.4	U	2.4	0.31	ug/L		10/20/25 09:28	10/21/25 18:43	5
N-Nitrosodi-n-propylamine	24	U J	24	0.29	ug/L		10/20/25 09:28	10/21/25 18:43	5
N-Nitrosodiphenylamine	24	U	24	0.34	ug/L		10/20/25 09:28	10/21/25 18:43	5
Pentachlorophenol	4.8	U	4.8	1.6	ug/L		10/20/25 09:28	10/21/25 18:43	5
Phenanthrene	0.96	U	0.96	0.30	ug/L		10/20/25 09:28	10/21/25 18:43	5
Phenol	4.8	U J	4.8	0.48	ug/L		10/20/25 09:28	10/21/25 18:43	5
Pyrene	2.4	U	2.4	0.37	ug/L		10/20/25 09:28	10/21/25 18:43	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*65*		*26 - 120*	*10/20/25 09:28*	*10/21/25 18:43*	*5*
p-Terphenyl-d14	*85*		*64 - 127*	*10/20/25 09:28*	*10/21/25 18:43*	*5*
Phenol-d5	*27*		*11 - 120*	*10/20/25 09:28*	*10/21/25 18:43*	*5*
2-Fluorophenol	*45*		*10 - 120*	*10/20/25 09:28*	*10/21/25 18:43*	*5*
2,4,6-Tribromophenol	*106*		*24 - 146*	*10/20/25 09:28*	*10/21/25 18:43*	*5*
2-Fluorobiphenyl	*86*		*37 - 120*	*10/20/25 09:28*	*10/21/25 18:43*	*5*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.010	U	0.010	0.0041	mg/L			10/21/25 01:37	1

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: MW-17
Lab Sample ID: 480-233645-4
Date Collected: 10/14/25 17:20
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/22/25 01:49	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 01:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/22/25 01:49	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/22/25 01:49	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/22/25 01:49	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/22/25 01:49	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/22/25 01:49	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/22/25 01:49	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/22/25 01:49	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/22/25 01:49	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 01:49	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/22/25 01:49	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/22/25 01:49	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/22/25 01:49	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/22/25 01:49	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/22/25 01:49	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/22/25 01:49	1
Acetone	10	U	10	3.0	ug/L			10/22/25 01:49	1
Benzene	1.0	U	1.0	0.41	ug/L			10/22/25 01:49	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/22/25 01:49	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/22/25 01:49	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/22/25 01:49	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/22/25 01:49	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/22/25 01:49	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/22/25 01:49	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/22/25 01:49	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/22/25 01:49	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/22/25 01:49	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/22/25 01:49	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/22/25 01:49	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/22/25 01:49	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/22/25 01:49	1
Dichlorodifluoromethane	1.0	U J	1.0	0.68	ug/L			10/22/25 01:49	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/22/25 01:49	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/22/25 01:49	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/22/25 01:49	1
Methyl tert-butyl ether	**0.21**	**J**	1.0	0.16	ug/L			10/22/25 01:49	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/22/25 01:49	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/22/25 01:49	1
Styrene	1.0	U	1.0	0.73	ug/L			10/22/25 01:49	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/22/25 01:49	1
Toluene	1.0	U	1.0	0.51	ug/L			10/22/25 01:49	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/22/25 01:49	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/22/25 01:49	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/22/25 01:49	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/22/25 01:49	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/22/25 01:49	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/22/25 01:49	1

Client Sample ID: MW-17
Lab Sample ID: 480-233645-4
Date Collected: 10/14/25 17:20
Matrix: Water
Date Received: 10/16/25 09:45

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*77 - 120*		*10/22/25 01:49*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*10/22/25 01:49*	*1*
Dibromofluoromethane (Surr)	*91*		*75 - 123*		*10/22/25 01:49*	*1*
Toluene-d8 (Surr)	*90*		*80 - 120*		*10/22/25 01:49*	*1*

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	48	U	48	0.33	ug/L		10/20/25 09:28	10/21/25 19:09	10
bis (2-chloroisopropyl) ether	48	U J	48	0.83	ug/L		10/20/25 09:28	10/21/25 19:09	10
2,4,5-Trichlorophenol	48	U	48	0.63	ug/L		10/20/25 09:28	10/21/25 19:09	10
2,4,6-Trichlorophenol	48	U	48	0.69	ug/L		10/20/25 09:28	10/21/25 19:09	10
2,4-Dichlorophenol	4.8	U	4.8	0.54	ug/L		10/20/25 09:28	10/21/25 19:09	10
2,4-Dimethylphenol	9.6	U	9.6	2.9	ug/L		10/20/25 09:28	10/21/25 19:09	10
2,4-Dinitrophenol	48	U	48	5.8	ug/L		10/20/25 09:28	10/21/25 19:09	10
2,4-Dinitrotoluene	48	U	48	0.33	ug/L		10/20/25 09:28	10/21/25 19:09	10
2,6-Dinitrotoluene	48	U	48	0.88	ug/L		10/20/25 09:28	10/21/25 19:09	10
2-Chloronaphthalene	4.8	U	4.8	0.63	ug/L		10/20/25 09:28	10/21/25 19:09	10
2-Chlorophenol	48	U	48	0.63	ug/L		10/20/25 09:28	10/21/25 19:09	10
2-Methylnaphthalene	4.8	U	4.8	0.50	ug/L		10/20/25 09:28	10/21/25 19:09	10
2-Methylphenol	9.6	U	9.6	1.3	ug/L		10/20/25 09:28	10/21/25 19:09	10
2-Nitroaniline	48	U	48	0.91	ug/L		10/20/25 09:28	10/21/25 19:09	10
2-Nitrophenol	48	U	48	0.60	ug/L		10/20/25 09:28	10/21/25 19:09	10
3,3'-Dichlorobenzidine	48	U	48	2.1	ug/L		10/20/25 09:28	10/21/25 19:09	10
3-Nitroaniline	48	U	48	1.3	ug/L		10/20/25 09:28	10/21/25 19:09	10
4,6-Dinitro-2-methylphenol	48	U	48	7.1	ug/L		10/20/25 09:28	10/21/25 19:09	10
4-Bromophenyl phenyl ether	48	U	48	0.88	ug/L		10/20/25 09:28	10/21/25 19:09	10
4-Chloro-3-methylphenol	48	U	48	0.51	ug/L		10/20/25 09:28	10/21/25 19:09	10
4-Chloroaniline	48	U	48	1.3	ug/L		10/20/25 09:28	10/21/25 19:09	10
4-Chlorophenyl phenyl ether	48	U	48	0.44	ug/L		10/20/25 09:28	10/21/25 19:09	10
4-Methylphenol	9.6	U	9.6	0.90	ug/L		10/20/25 09:28	10/21/25 19:09	10
4-Nitroaniline	48	U	48	0.24	ug/L		10/20/25 09:28	10/21/25 19:09	10
4-Nitrophenol	48	U	48	3.8	ug/L		10/20/25 09:28	10/21/25 19:09	10
Acenaphthene	4.8	U	4.8	0.35	ug/L		10/20/25 09:28	10/21/25 19:09	10
Acenaphthylene	2.9	U	2.9	0.54	ug/L		10/20/25 09:28	10/21/25 19:09	10
Acetophenone	48	U	48	0.96	ug/L		10/20/25 09:28	10/21/25 19:09	10
Anthracene	4.8	U	4.8	0.33	ug/L		10/20/25 09:28	10/21/25 19:09	10
Atrazine	19	U J	19	2.8	ug/L		10/20/25 09:28	10/21/25 19:09	10
Benzaldehyde	48	U	48	0.72	ug/L		10/20/25 09:28	10/21/25 19:09	10
Benzo(a)anthracene	2.9	U	2.9	0.33	ug/L		10/20/25 09:28	10/21/25 19:09	10
Benzo(a)pyrene	1.7	U	1.7	1.3	ug/L		10/20/25 09:28	10/21/25 19:09	10
Benzo(b)fluoranthene	2.9	U	2.9	0.61	ug/L		10/20/25 09:28	10/21/25 19:09	10
Benzo(g,h,i)perylene	4.8	U	4.8	0.56	ug/L		10/20/25 09:28	10/21/25 19:09	10
Benzo(k)fluoranthene	2.9	U	2.9	0.67	ug/L		10/20/25 09:28	10/21/25 19:09	10
Bis(2-chloroethoxy)methane	48	U	48	0.62	ug/L		10/20/25 09:28	10/21/25 19:09	10
Bis(2-chloroethyl)ether	48	U	48	0.69	ug/L		10/20/25 09:28	10/21/25 19:09	10
Bis(2-ethylhexyl) phthalate	48	U	48	4.0	ug/L		10/20/25 09:28	10/21/25 19:09	10
Butyl benzyl phthalate	29	U	29	1.5	ug/L		10/20/25 09:28	10/21/25 19:09	10
Caprolactam	48	U J	48	2.1	ug/L		10/20/25 09:28	10/21/25 19:09	10
Carbazole	48	U J	48	0.76	ug/L		10/20/25 09:28	10/21/25 19:09	10
Chrysene	4.8	U	4.8	0.71	ug/L		10/20/25 09:28	10/21/25 19:09	10

Client Sample ID: MW-17
Lab Sample ID: 480-233645-4
Date Collected: 10/14/25 17:20
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	4.8	U	4.8	0.67	ug/L		10/20/25 09:28	10/21/25 19:09	10
Dibenzofuran	48	U	48	0.58	ug/L		10/20/25 09:28	10/21/25 19:09	10
Diethyl phthalate	4.8	U	4.8	0.62	ug/L		10/20/25 09:28	10/21/25 19:09	10
Dimethyl phthalate	4.8	U	4.8	0.55	ug/L		10/20/25 09:28	10/21/25 19:09	10
Di-n-butyl phthalate	19	U	19	3.4	ug/L		10/20/25 09:28	10/21/25 19:09	10
Di-n-octyl phthalate	48	U	48	1.9	ug/L		10/20/25 09:28	10/21/25 19:09	10
Fluoranthene	4.8	U	4.8	0.77	ug/L		10/20/25 09:28	10/21/25 19:09	10
Fluorene	4.8	U	4.8	0.56	ug/L		10/20/25 09:28	10/21/25 19:09	10
Hexachlorobenzene	4.8	U	4.8	2.1	ug/L		10/20/25 09:28	10/21/25 19:09	10
Hexachlorobutadiene	9.6	U J	9.6	0.96	ug/L		10/20/25 09:28	10/21/25 19:09	10
Hexachlorocyclopentadiene	9.6	U	9.6	0.88	ug/L		10/20/25 09:28	10/21/25 19:09	10
Hexachloroethane	48	U	48	0.85	ug/L		10/20/25 09:28	10/21/25 19:09	10
Indeno(1,2,3-cd)pyrene	4.8	U	4.8	1.1	ug/L		10/20/25 09:28	10/21/25 19:09	10
Isophorone	4.8	U	4.8	0.49	ug/L		10/20/25 09:28	10/21/25 19:09	10
Naphthalene	9.6	U	9.6	0.62	ug/L		10/20/25 09:28	10/21/25 19:09	10
Nitrobenzene	4.8	U	4.8	0.63	ug/L		10/20/25 09:28	10/21/25 19:09	10
N-Nitrosodi-n-propylamine	48	U J	48	0.58	ug/L		10/20/25 09:28	10/21/25 19:09	10
N-Nitrosodiphenylamine	48	U	48	0.67	ug/L		10/20/25 09:28	10/21/25 19:09	10
Pentachlorophenol	9.6	U	9.6	3.3	ug/L		10/20/25 09:28	10/21/25 19:09	10
Phenanthrene	1.9	U	1.9	0.60	ug/L		10/20/25 09:28	10/21/25 19:09	10
Phenol	9.6	U J	9.6	0.96	ug/L		10/20/25 09:28	10/21/25 19:09	10
Pyrene	4.8	U	4.8	0.73	ug/L		10/20/25 09:28	10/21/25 19:09	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*70*		*26 - 120*	*10/20/25 09:28*	*10/21/25 19:09*	*10*
p-Terphenyl-d14	*85*		*64 - 127*	*10/20/25 09:28*	*10/21/25 19:09*	*10*
Phenol-d5	*32*		*11 - 120*	*10/20/25 09:28*	*10/21/25 19:09*	*10*
2-Fluorophenol	*42*		*10 - 120*	*10/20/25 09:28*	*10/21/25 19:09*	*10*
2,4,6-Tribromophenol	*90*		*24 - 146*	*10/20/25 09:28*	*10/21/25 19:09*	*10*
2-Fluorobiphenyl	*93*		*37 - 120*	*10/20/25 09:28*	*10/21/25 19:09*	*10*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.016**		0.010	0.0041	mg/L			10/21/25 01:39	1

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: MW-17I
Lab Sample ID: 480-233645-5
Date Collected: 10/14/25 15:35
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/22/25 02:12	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 02:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/22/25 02:12	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/22/25 02:12	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/22/25 02:12	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/22/25 02:12	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/22/25 02:12	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/22/25 02:12	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/22/25 02:12	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/22/25 02:12	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 02:12	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/22/25 02:12	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/22/25 02:12	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/22/25 02:12	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/22/25 02:12	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/22/25 02:12	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/22/25 02:12	1
Acetone	10	U	10	3.0	ug/L			10/22/25 02:12	1
Benzene	1.0	U	1.0	0.41	ug/L			10/22/25 02:12	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/22/25 02:12	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/22/25 02:12	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/22/25 02:12	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/22/25 02:12	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/22/25 02:12	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/22/25 02:12	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/22/25 02:12	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/22/25 02:12	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/22/25 02:12	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/22/25 02:12	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/22/25 02:12	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/22/25 02:12	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/22/25 02:12	1
Dichlorodifluoromethane	1.0	U J	1.0	0.68	ug/L			10/22/25 02:12	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/22/25 02:12	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/22/25 02:12	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/22/25 02:12	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/22/25 02:12	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/22/25 02:12	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/22/25 02:12	1
Styrene	1.0	U	1.0	0.73	ug/L			10/22/25 02:12	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/22/25 02:12	1
Toluene	1.0	U	1.0	0.51	ug/L			10/22/25 02:12	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/22/25 02:12	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/22/25 02:12	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/22/25 02:12	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/22/25 02:12	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/22/25 02:12	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/22/25 02:12	1

Client Sample ID: MW-17I
Lab Sample ID: 480-233645-5
Date Collected: 10/14/25 15:35
Matrix: Water
Date Received: 10/16/25 09:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*87*		*77 - 120*		*10/22/25 02:12*	*1*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*10/22/25 02:12*	*1*
Dibromofluoromethane (Surr)	*90*		*75 - 123*		*10/22/25 02:12*	*1*
Toluene-d8 (Surr)	*89*		*80 - 120*		*10/22/25 02:12*	*1*

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	4.9	U	4.9	0.033	ug/L		10/20/25 09:28	10/21/25 19:35	1
bis (2-chloroisopropyl) ether	4.9	U J	4.9	0.084	ug/L		10/20/25 09:28	10/21/25 19:35	1
2,4,5-Trichlorophenol	4.9	U	4.9	0.064	ug/L		10/20/25 09:28	10/21/25 19:35	1
2,4,6-Trichlorophenol	4.9	U	4.9	0.071	ug/L		10/20/25 09:28	10/21/25 19:35	1
2,4-Dichlorophenol	0.49	U	0.49	0.055	ug/L		10/20/25 09:28	10/21/25 19:35	1
2,4-Dimethylphenol	0.98	U	0.98	0.29	ug/L		10/20/25 09:28	10/21/25 19:35	1
2,4-Dinitrophenol	4.9	U	4.9	0.59	ug/L		10/20/25 09:28	10/21/25 19:35	1
2,4-Dinitrotoluene	4.9	U	4.9	0.033	ug/L		10/20/25 09:28	10/21/25 19:35	1
2,6-Dinitrotoluene	4.9	U	4.9	0.089	ug/L		10/20/25 09:28	10/21/25 19:35	1
2-Chloronaphthalene	0.49	U	0.49	0.065	ug/L		10/20/25 09:28	10/21/25 19:35	1
2-Chlorophenol	4.9	U	4.9	0.065	ug/L		10/20/25 09:28	10/21/25 19:35	1
2-Methylnaphthalene	0.49	U	0.49	0.051	ug/L		10/20/25 09:28	10/21/25 19:35	1
2-Methylphenol	0.98	U	0.98	0.14	ug/L		10/20/25 09:28	10/21/25 19:35	1
2-Nitroaniline	4.9	U	4.9	0.093	ug/L		10/20/25 09:28	10/21/25 19:35	1
2-Nitrophenol	4.9	U	4.9	0.061	ug/L		10/20/25 09:28	10/21/25 19:35	1
3,3'-Dichlorobenzidine	4.9	U	4.9	0.22	ug/L		10/20/25 09:28	10/21/25 19:35	1
3-Nitroaniline	4.9	U	4.9	0.13	ug/L		10/20/25 09:28	10/21/25 19:35	1
4,6-Dinitro-2-methylphenol	4.9	U	4.9	0.73	ug/L		10/20/25 09:28	10/21/25 19:35	1
4-Bromophenyl phenyl ether	4.9	U	4.9	0.089	ug/L		10/20/25 09:28	10/21/25 19:35	1
4-Chloro-3-methylphenol	4.9	U	4.9	0.052	ug/L		10/20/25 09:28	10/21/25 19:35	1
4-Chloroaniline	4.9	U	4.9	0.13	ug/L		10/20/25 09:28	10/21/25 19:35	1
4-Chlorophenyl phenyl ether	4.9	U	4.9	0.045	ug/L		10/20/25 09:28	10/21/25 19:35	1
4-Methylphenol	0.98	U	0.98	0.092	ug/L		10/20/25 09:28	10/21/25 19:35	1
4-Nitroaniline	4.9	U	4.9	0.025	ug/L		10/20/25 09:28	10/21/25 19:35	1
4-Nitrophenol	4.9	U	4.9	0.38	ug/L		10/20/25 09:28	10/21/25 19:35	1
Acenaphthene	0.49	U	0.49	0.035	ug/L		10/20/25 09:28	10/21/25 19:35	1
Acenaphthylene	0.29	U	0.29	0.055	ug/L		10/20/25 09:28	10/21/25 19:35	1
Acetophenone	4.9	U	4.9	0.098	ug/L		10/20/25 09:28	10/21/25 19:35	1
Anthracene	0.49	U	0.49	0.033	ug/L		10/20/25 09:28	10/21/25 19:35	1
Atrazine	2.0	U J	2.0	0.28	ug/L		10/20/25 09:28	10/21/25 19:35	1
Benzaldehyde	4.9	U	4.9	0.074	ug/L		10/20/25 09:28	10/21/25 19:35	1
Benzo(a)anthracene	0.29	U	0.29	0.033	ug/L		10/20/25 09:28	10/21/25 19:35	1
Benzo(a)pyrene	0.18	U	0.18	0.13	ug/L		10/20/25 09:28	10/21/25 19:35	1
Benzo(b)fluoranthene	0.29	U	0.29	0.062	ug/L		10/20/25 09:28	10/21/25 19:35	1
Benzo(g,h,i)perylene	0.49	U	0.49	0.057	ug/L		10/20/25 09:28	10/21/25 19:35	1
Benzo(k)fluoranthene	0.29	U	0.29	0.069	ug/L		10/20/25 09:28	10/21/25 19:35	1
Bis(2-chloroethoxy)methane	4.9	U	4.9	0.063	ug/L		10/20/25 09:28	10/21/25 19:35	1
Bis(2-chloroethyl)ether	4.9	U	4.9	0.071	ug/L		10/20/25 09:28	10/21/25 19:35	1
Bis(2-ethylhexyl) phthalate	4.9	U	4.9	0.41	ug/L		10/20/25 09:28	10/21/25 19:35	1
Butyl benzyl phthalate	2.9	U	2.9	0.16	ug/L		10/20/25 09:28	10/21/25 19:35	1
Caprolactam	4.9	U J	4.9	0.22	ug/L		10/20/25 09:28	10/21/25 19:35	1
Carbazole	4.9	U J	4.9	0.077	ug/L		10/20/25 09:28	10/21/25 19:35	1
Chrysene	0.49	U	0.49	0.073	ug/L		10/20/25 09:28	10/21/25 19:35	1

Client Sample ID: MW-17I
Lab Sample ID: 480-233645-5
Date Collected: 10/14/25 15:35
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	0.49	U	0.49	0.069	ug/L		10/20/25 09:28	10/21/25 19:35	1
Dibenzofuran	4.9	U	4.9	0.059	ug/L		10/20/25 09:28	10/21/25 19:35	1
Diethyl phthalate	**0.090**	**J**	0.49	0.063	ug/L		10/20/25 09:28	10/21/25 19:35	1
Dimethyl phthalate	0.49	U	0.49	0.056	ug/L		10/20/25 09:28	10/21/25 19:35	1
Di-n-butyl phthalate	2.0	U	2.0	0.34	ug/L		10/20/25 09:28	10/21/25 19:35	1
Di-n-octyl phthalate	4.9	U	4.9	0.20	ug/L		10/20/25 09:28	10/21/25 19:35	1
Fluoranthene	0.49	U	0.49	0.078	ug/L		10/20/25 09:28	10/21/25 19:35	1
Fluorene	0.49	U	0.49	0.057	ug/L		10/20/25 09:28	10/21/25 19:35	1
Hexachlorobenzene	0.49	U	0.49	0.22	ug/L		10/20/25 09:28	10/21/25 19:35	1
Hexachlorobutadiene	0.98	U J	0.98	0.098	ug/L		10/20/25 09:28	10/21/25 19:35	1
Hexachlorocyclopentadiene	0.98	U	0.98	0.089	ug/L		10/20/25 09:28	10/21/25 19:35	1
Hexachloroethane	4.9	U	4.9	0.086	ug/L		10/20/25 09:28	10/21/25 19:35	1
Indeno(1,2,3-cd)pyrene	0.49	U	0.49	0.11	ug/L		10/20/25 09:28	10/21/25 19:35	1
Isophorone	0.49	U	0.49	0.050	ug/L		10/20/25 09:28	10/21/25 19:35	1
Naphthalene	**0.21**	**J**	0.98	0.063	ug/L		10/20/25 09:28	10/21/25 19:35	1
Nitrobenzene	0.49	U	0.49	0.064	ug/L		10/20/25 09:28	10/21/25 19:35	1
N-Nitrosodi-n-propylamine	4.9	U J	4.9	0.059	ug/L		10/20/25 09:28	10/21/25 19:35	1
N-Nitrosodiphenylamine	4.9	U	4.9	0.069	ug/L		10/20/25 09:28	10/21/25 19:35	1
Pentachlorophenol	0.98	U	0.98	0.33	ug/L		10/20/25 09:28	10/21/25 19:35	1
Phenanthrene	0.20	U	0.20	0.061	ug/L		10/20/25 09:28	10/21/25 19:35	1
Phenol	0.98	U J	0.98	0.098	ug/L		10/20/25 09:28	10/21/25 19:35	1
Pyrene	0.49	U	0.49	0.075	ug/L		10/20/25 09:28	10/21/25 19:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*66*		*26 - 120*	*10/20/25 09:28*	*10/21/25 19:35*	*1*
p-Terphenyl-d14	*93*		*64 - 127*	*10/20/25 09:28*	*10/21/25 19:35*	*1*
Phenol-d5	*26*		*11 - 120*	*10/20/25 09:28*	*10/21/25 19:35*	*1*
2-Fluorophenol	*40*		*10 - 120*	*10/20/25 09:28*	*10/21/25 19:35*	*1*
2,4,6-Tribromophenol	*110*		*24 - 146*	*10/20/25 09:28*	*10/21/25 19:35*	*1*
2-Fluorobiphenyl	*82*		*37 - 120*	*10/20/25 09:28*	*10/21/25 19:35*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.010	U	0.010	0.0041	mg/L			10/21/25 01:42	1

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: MW-17D
Lab Sample ID: 480-233645-6
Date Collected: 10/15/25 13:50
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/22/25 02:37	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 02:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/22/25 02:37	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/22/25 02:37	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/22/25 02:37	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/22/25 02:37	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/22/25 02:37	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/22/25 02:37	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/22/25 02:37	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/22/25 02:37	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 02:37	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/22/25 02:37	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/22/25 02:37	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/22/25 02:37	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/22/25 02:37	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/22/25 02:37	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/22/25 02:37	1
Acetone	10	U	10	3.0	ug/L			10/22/25 02:37	1
Benzene	1.0	U	1.0	0.41	ug/L			10/22/25 02:37	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/22/25 02:37	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/22/25 02:37	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/22/25 02:37	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/22/25 02:37	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/22/25 02:37	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/22/25 02:37	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/22/25 02:37	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/22/25 02:37	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/22/25 02:37	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/22/25 02:37	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/22/25 02:37	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/22/25 02:37	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/22/25 02:37	1
Dichlorodifluoromethane	1.0	U J	1.0	0.68	ug/L			10/22/25 02:37	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/22/25 02:37	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/22/25 02:37	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/22/25 02:37	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/22/25 02:37	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/22/25 02:37	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/22/25 02:37	1
Styrene	1.0	U	1.0	0.73	ug/L			10/22/25 02:37	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/22/25 02:37	1
Toluene	1.0	U	1.0	0.51	ug/L			10/22/25 02:37	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/22/25 02:37	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/22/25 02:37	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/22/25 02:37	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/22/25 02:37	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/22/25 02:37	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/22/25 02:37	1

Client Sample ID: MW-17D
Lab Sample ID: 480-233645-6
Date Collected: 10/15/25 13:50
Matrix: Water
Date Received: 10/16/25 09:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*92*		*77 - 120*		*10/22/25 02:37*	*1*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*10/22/25 02:37*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*10/22/25 02:37*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*10/22/25 02:37*	*1*

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	24	U	24	0.16	ug/L		10/20/25 09:28	10/21/25 20:01	5
bis (2-chloroisopropyl) ether	24	U J	24	0.41	ug/L		10/20/25 09:28	10/21/25 20:01	5
2,4,5-Trichlorophenol	24	U	24	0.31	ug/L		10/20/25 09:28	10/21/25 20:01	5
2,4,6-Trichlorophenol	24	U	24	0.34	ug/L		10/20/25 09:28	10/21/25 20:01	5
2,4-Dichlorophenol	2.4	U	2.4	0.27	ug/L		10/20/25 09:28	10/21/25 20:01	5
2,4-Dimethylphenol	4.8	U	4.8	1.4	ug/L		10/20/25 09:28	10/21/25 20:01	5
2,4-Dinitrophenol	24	U	24	2.9	ug/L		10/20/25 09:28	10/21/25 20:01	5
2,4-Dinitrotoluene	24	U	24	0.16	ug/L		10/20/25 09:28	10/21/25 20:01	5
2,6-Dinitrotoluene	24	U	24	0.43	ug/L		10/20/25 09:28	10/21/25 20:01	5
2-Chloronaphthalene	2.4	U	2.4	0.31	ug/L		10/20/25 09:28	10/21/25 20:01	5
2-Chlorophenol	24	U	24	0.31	ug/L		10/20/25 09:28	10/21/25 20:01	5
2-Methylnaphthalene	2.4	U	2.4	0.25	ug/L		10/20/25 09:28	10/21/25 20:01	5
2-Methylphenol	4.8	U	4.8	0.67	ug/L		10/20/25 09:28	10/21/25 20:01	5
2-Nitroaniline	24	U	24	0.45	ug/L		10/20/25 09:28	10/21/25 20:01	5
2-Nitrophenol	24	U	24	0.30	ug/L		10/20/25 09:28	10/21/25 20:01	5
3,3'-Dichlorobenzidine	24	U	24	1.0	ug/L		10/20/25 09:28	10/21/25 20:01	5
3-Nitroaniline	24	U	24	0.62	ug/L		10/20/25 09:28	10/21/25 20:01	5
4,6-Dinitro-2-methylphenol	24	U	24	3.5	ug/L		10/20/25 09:28	10/21/25 20:01	5
4-Bromophenyl phenyl ether	24	U	24	0.43	ug/L		10/20/25 09:28	10/21/25 20:01	5
4-Chloro-3-methylphenol	24	U	24	0.25	ug/L		10/20/25 09:28	10/21/25 20:01	5
4-Chloroaniline	24	U	24	0.62	ug/L		10/20/25 09:28	10/21/25 20:01	5
4-Chlorophenyl phenyl ether	24	U	24	0.22	ug/L		10/20/25 09:28	10/21/25 20:01	5
4-Methylphenol	4.8	U	4.8	0.45	ug/L		10/20/25 09:28	10/21/25 20:01	5
4-Nitroaniline	24	U	24	0.12	ug/L		10/20/25 09:28	10/21/25 20:01	5
4-Nitrophenol	24	U	24	1.9	ug/L		10/20/25 09:28	10/21/25 20:01	5
Acenaphthene	2.4	U	2.4	0.17	ug/L		10/20/25 09:28	10/21/25 20:01	5
Acenaphthylene	1.4	U	1.4	0.27	ug/L		10/20/25 09:28	10/21/25 20:01	5
Acetophenone	24	U	24	0.48	ug/L		10/20/25 09:28	10/21/25 20:01	5
Anthracene	2.4	U	2.4	0.16	ug/L		10/20/25 09:28	10/21/25 20:01	5
Atrazine	9.5	U J	9.5	1.4	ug/L		10/20/25 09:28	10/21/25 20:01	5
Benzaldehyde	24	U	24	0.36	ug/L		10/20/25 09:28	10/21/25 20:01	5
Benzo(a)anthracene	1.4	U	1.4	0.16	ug/L		10/20/25 09:28	10/21/25 20:01	5
Benzo(a)pyrene	0.86	U	0.86	0.62	ug/L		10/20/25 09:28	10/21/25 20:01	5
Benzo(b)fluoranthene	1.4	U	1.4	0.30	ug/L		10/20/25 09:28	10/21/25 20:01	5
Benzo(g,h,i)perylene	2.4	U	2.4	0.28	ug/L		10/20/25 09:28	10/21/25 20:01	5
Benzo(k)fluoranthene	1.4	U	1.4	0.33	ug/L		10/20/25 09:28	10/21/25 20:01	5
Bis(2-chloroethoxy)methane	24	U	24	0.30	ug/L		10/20/25 09:28	10/21/25 20:01	5
Bis(2-chloroethyl)ether	24	U	24	0.34	ug/L		10/20/25 09:28	10/21/25 20:01	5
Bis(2-ethylhexyl) phthalate	24	U	24	2.0	ug/L		10/20/25 09:28	10/21/25 20:01	5
Butyl benzyl phthalate	14	U	14	0.76	ug/L		10/20/25 09:28	10/21/25 20:01	5
Caprolactam	24	U J	24	1.0	ug/L		10/20/25 09:28	10/21/25 20:01	5
Carbazole	24	U J	24	0.38	ug/L		10/20/25 09:28	10/21/25 20:01	5
Chrysene	2.4	U	2.4	0.35	ug/L		10/20/25 09:28	10/21/25 20:01	5

Client Sample ID: MW-17D
Lab Sample ID: 480-233645-6
Date Collected: 10/15/25 13:50
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	2.4	U	2.4	0.33	ug/L		10/20/25 09:28	10/21/25 20:01	5
Dibenzofuran	24	U	24	0.29	ug/L		10/20/25 09:28	10/21/25 20:01	5
Diethyl phthalate	**0.98**	**J**	2.4	0.30	ug/L		10/20/25 09:28	10/21/25 20:01	5
Dimethyl phthalate	2.4	U	2.4	0.27	ug/L		10/20/25 09:28	10/21/25 20:01	5
Di-n-butyl phthalate	9.5	U	9.5	1.7	ug/L		10/20/25 09:28	10/21/25 20:01	5
Di-n-octyl phthalate	24	U	24	0.95	ug/L		10/20/25 09:28	10/21/25 20:01	5
Fluoranthene	2.4	U	2.4	0.38	ug/L		10/20/25 09:28	10/21/25 20:01	5
Fluorene	2.4	U	2.4	0.28	ug/L		10/20/25 09:28	10/21/25 20:01	5
Hexachlorobenzene	2.4	U	2.4	1.0	ug/L		10/20/25 09:28	10/21/25 20:01	5
Hexachlorobutadiene	4.8	U J	4.8	0.48	ug/L		10/20/25 09:28	10/21/25 20:01	5
Hexachlorocyclopentadiene	4.8	U	4.8	0.43	ug/L		10/20/25 09:28	10/21/25 20:01	5
Hexachloroethane	24	U	24	0.42	ug/L		10/20/25 09:28	10/21/25 20:01	5
Indeno(1,2,3-cd)pyrene	2.4	U	2.4	0.52	ug/L		10/20/25 09:28	10/21/25 20:01	5
Isophorone	2.4	U	2.4	0.24	ug/L		10/20/25 09:28	10/21/25 20:01	5
Naphthalene	4.8	U	4.8	0.30	ug/L		10/20/25 09:28	10/21/25 20:01	5
Nitrobenzene	2.4	U	2.4	0.31	ug/L		10/20/25 09:28	10/21/25 20:01	5
N-Nitrosodi-n-propylamine	24	U J	24	0.29	ug/L		10/20/25 09:28	10/21/25 20:01	5
N-Nitrosodiphenylamine	24	U	24	0.33	ug/L		10/20/25 09:28	10/21/25 20:01	5
Pentachlorophenol	4.8	U	4.8	1.6	ug/L		10/20/25 09:28	10/21/25 20:01	5
Phenanthrene	0.95	U	0.95	0.30	ug/L		10/20/25 09:28	10/21/25 20:01	5
Phenol	4.8	U J	4.8	0.48	ug/L		10/20/25 09:28	10/21/25 20:01	5
Pyrene	2.4	U	2.4	0.36	ug/L		10/20/25 09:28	10/21/25 20:01	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*42*		*26 - 120*	*10/20/25 09:28*	*10/21/25 20:01*	*5*
p-Terphenyl-d14	*67*		*64 - 127*	*10/20/25 09:28*	*10/21/25 20:01*	*5*
Phenol-d5	*20*		*11 - 120*	*10/20/25 09:28*	*10/21/25 20:01*	*5*
2-Fluorophenol	*27*		*10 - 120*	*10/20/25 09:28*	*10/21/25 20:01*	*5*
2,4,6-Tribromophenol	*73*		*24 - 146*	*10/20/25 09:28*	*10/21/25 20:01*	*5*
2-Fluorobiphenyl	*55*		*37 - 120*	*10/20/25 09:28*	*10/21/25 20:01*	*5*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.010	U	0.010	0.0041	mg/L			10/21/25 01:45	1

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: MW-20D
Lab Sample ID: 480-233645-7
Date Collected: 10/15/25 10:45
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/22/25 03:01	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 03:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/22/25 03:01	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/22/25 03:01	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/22/25 03:01	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/22/25 03:01	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/22/25 03:01	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/22/25 03:01	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/22/25 03:01	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/22/25 03:01	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 03:01	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/22/25 03:01	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/22/25 03:01	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/22/25 03:01	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/22/25 03:01	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/22/25 03:01	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/22/25 03:01	1
Acetone	10	U	10	3.0	ug/L			10/22/25 03:01	1
Benzene	1.0	U	1.0	0.41	ug/L			10/22/25 03:01	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/22/25 03:01	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/22/25 03:01	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/22/25 03:01	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/22/25 03:01	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/22/25 03:01	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/22/25 03:01	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/22/25 03:01	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/22/25 03:01	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/22/25 03:01	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/22/25 03:01	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/22/25 03:01	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/22/25 03:01	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/22/25 03:01	1
Dichlorodifluoromethane	1.0	U J	1.0	0.68	ug/L			10/22/25 03:01	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/22/25 03:01	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/22/25 03:01	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/22/25 03:01	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/22/25 03:01	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/22/25 03:01	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/22/25 03:01	1
Styrene	1.0	U	1.0	0.73	ug/L			10/22/25 03:01	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/22/25 03:01	1
Toluene	1.0	U	1.0	0.51	ug/L			10/22/25 03:01	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/22/25 03:01	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/22/25 03:01	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/22/25 03:01	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/22/25 03:01	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/22/25 03:01	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/22/25 03:01	1

Client Sample ID: MW-20D
Lab Sample ID: 480-233645-7

Date Collected: 10/15/25 10:45
Matrix: Water

Date Received: 10/16/25 09:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*92*		*77 - 120*		*10/22/25 03:01*	*1*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*10/22/25 03:01*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 123*		*10/22/25 03:01*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*10/22/25 03:01*	*1*

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	**0.062**	**J**	4.8	0.033	ug/L		10/20/25 09:28	10/21/25 20:27	1
bis (2-chloroisopropyl) ether	4.8	U J	4.8	0.083	ug/L		10/20/25 09:28	10/21/25 20:27	1
2,4,5-Trichlorophenol	4.8	U	4.8	0.063	ug/L		10/20/25 09:28	10/21/25 20:27	1
2,4,6-Trichlorophenol	4.8	U	4.8	0.069	ug/L		10/20/25 09:28	10/21/25 20:27	1
2,4-Dichlorophenol	0.48	U	0.48	0.054	ug/L		10/20/25 09:28	10/21/25 20:27	1
2,4-Dimethylphenol	0.96	U	0.96	0.29	ug/L		10/20/25 09:28	10/21/25 20:27	1
2,4-Dinitrophenol	4.8	U	4.8	0.58	ug/L		10/20/25 09:28	10/21/25 20:27	1
2,4-Dinitrotoluene	4.8	U J	4.8	0.033	ug/L		10/20/25 09:28	10/21/25 20:27	1
2,6-Dinitrotoluene	4.8	U J	4.8	0.088	ug/L		10/20/25 09:28	10/21/25 20:27	1
2-Chloronaphthalene	0.48	U J	0.48	0.063	ug/L		10/20/25 09:28	10/21/25 20:27	1
2-Chlorophenol	4.8	U	4.8	0.063	ug/L		10/20/25 09:28	10/21/25 20:27	1
2-Methylnaphthalene	0.48	U J	0.48	0.050	ug/L		10/20/25 09:28	10/21/25 20:27	1
2-Methylphenol	0.96	U	0.96	0.13	ug/L		10/20/25 09:28	10/21/25 20:27	1
2-Nitroaniline	4.8	U J	4.8	0.091	ug/L		10/20/25 09:28	10/21/25 20:27	1
2-Nitrophenol	4.8	U	4.8	0.060	ug/L		10/20/25 09:28	10/21/25 20:27	1
3,3'-Dichlorobenzidine	4.8	U J	4.8	0.21	ug/L		10/20/25 09:28	10/21/25 20:27	1
3-Nitroaniline	4.8	U J	4.8	0.13	ug/L		10/20/25 09:28	10/21/25 20:27	1
4,6-Dinitro-2-methylphenol	4.8	U	4.8	0.71	ug/L		10/20/25 09:28	10/21/25 20:27	1
4-Bromophenyl phenyl ether	4.8	U J	4.8	0.088	ug/L		10/20/25 09:28	10/21/25 20:27	1
4-Chloro-3-methylphenol	4.8	U	4.8	0.051	ug/L		10/20/25 09:28	10/21/25 20:27	1
4-Chloroaniline	4.8	U J	4.8	0.13	ug/L		10/20/25 09:28	10/21/25 20:27	1
4-Chlorophenyl phenyl ether	4.8	U J	4.8	0.044	ug/L		10/20/25 09:28	10/21/25 20:27	1
4-Methylphenol	0.96	U	0.96	0.090	ug/L		10/20/25 09:28	10/21/25 20:27	1
4-Nitroaniline	4.8	U J	4.8	0.024	ug/L		10/20/25 09:28	10/21/25 20:27	1
4-Nitrophenol	4.8	U	4.8	0.38	ug/L		10/20/25 09:28	10/21/25 20:27	1
Acenaphthene	**0.087**	**J**	0.48	0.035	ug/L		10/20/25 09:28	10/21/25 20:27	1
Acenaphthylene	0.29	U J	0.29	0.054	ug/L		10/20/25 09:28	10/21/25 20:27	1
Acetophenone	4.8	U	4.8	0.096	ug/L		10/20/25 09:28	10/21/25 20:27	1
Anthracene	0.48	U	0.48	0.033	ug/L		10/20/25 09:28	10/21/25 20:27	1
Atrazine	1.9	U	1.9	0.28	ug/L		10/20/25 09:28	10/21/25 20:27	1
Benzaldehyde	4.8	U	4.8	0.072	ug/L		10/20/25 09:28	10/21/25 20:27	1
Benzo(a)anthracene	0.29	U	0.29	0.033	ug/L		10/20/25 09:28	10/21/25 20:27	1
Benzo(a)pyrene	0.17	U	0.17	0.13	ug/L		10/20/25 09:28	10/21/25 20:27	1
Benzo(b)fluoranthene	0.29	U	0.29	0.061	ug/L		10/20/25 09:28	10/21/25 20:27	1
Benzo(g,h,i)perylene	0.48	U	0.48	0.056	ug/L		10/20/25 09:28	10/21/25 20:27	1
Benzo(k)fluoranthene	0.29	U	0.29	0.067	ug/L		10/20/25 09:28	10/21/25 20:27	1
Bis(2-chloroethoxy)methane	4.8	U	4.8	0.062	ug/L		10/20/25 09:28	10/21/25 20:27	1
Bis(2-chloroethyl)ether	4.8	U	4.8	0.069	ug/L		10/20/25 09:28	10/21/25 20:27	1
Bis(2-ethylhexyl) phthalate	4.8	U	4.8	0.40	ug/L		10/20/25 09:28	10/21/25 20:27	1
Butyl benzyl phthalate	2.9	U	2.9	0.15	ug/L		10/20/25 09:28	10/21/25 20:27	1
Caprolactam	4.8	U	4.8	0.21	ug/L		10/20/25 09:28	10/21/25 20:27	1
Carbazole	4.8	U	4.8	0.076	ug/L		10/20/25 09:28	10/21/25 20:27	1
Chrysene	0.48	U	0.48	0.071	ug/L		10/20/25 09:28	10/21/25 20:27	1

Client Sample ID: MW-20D
Lab Sample ID: 480-233645-7

Date Collected: 10/15/25 10:45
Matrix: Water

Date Received: 10/16/25 09:45

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	0.48	U J	0.48	0.067	ug/L		10/20/25 09:28	10/21/25 20:27	1
Dibenzofuran	4.8	U J	4.8	0.058	ug/L		10/20/25 09:28	10/21/25 20:27	1
Diethyl phthalate	**0.10**	**J**	0.48	0.062	ug/L		10/20/25 09:28	10/21/25 20:27	1
Dimethyl phthalate	0.48	U J	0.48	0.055	ug/L		10/20/25 09:28	10/21/25 20:27	1
Di-n-butyl phthalate	1.9	U	1.9	0.34	ug/L		10/20/25 09:28	10/21/25 20:27	1
Di-n-octyl phthalate	4.8	U	4.8	0.19	ug/L		10/20/25 09:28	10/21/25 20:27	1
Fluoranthene	0.48	U	0.48	0.077	ug/L		10/20/25 09:28	10/21/25 20:27	1
Fluorene	0.48	U	0.48	0.056	ug/L		10/20/25 09:28	10/21/25 20:27	1
Hexachlorobenzene	0.48	U	0.48	0.21	ug/L		10/20/25 09:28	10/21/25 20:27	1
Hexachlorobutadiene	0.96	U	0.96	0.096	ug/L		10/20/25 09:28	10/21/25 20:27	1
Hexachlorocyclopentadiene	0.96	U	0.96	0.088	ug/L		10/20/25 09:28	10/21/25 20:27	1
Hexachloroethane	4.8	U	4.8	0.085	ug/L		10/20/25 09:28	10/21/25 20:27	1
Indeno(1,2,3-cd)pyrene	0.48	U	0.48	0.11	ug/L		10/20/25 09:28	10/21/25 20:27	1
Isophorone	**0.12**	**J**	0.48	0.049	ug/L		10/20/25 09:28	10/21/25 20:27	1
Naphthalene	**0.084**	**J**	0.96	0.062	ug/L		10/20/25 09:28	10/21/25 20:27	1
Nitrobenzene	0.48	U J	0.48	0.063	ug/L		10/20/25 09:28	10/21/25 20:27	1
N-Nitrosodi-n-propylamine	4.8	U J	4.8	0.058	ug/L		10/20/25 09:28	10/21/25 20:27	1
N-Nitrosodiphenylamine	4.8	U J	4.8	0.067	ug/L		10/20/25 09:28	10/21/25 20:27	1
Pentachlorophenol	0.96	U	0.96	0.33	ug/L		10/20/25 09:28	10/21/25 20:27	1
Phenanthrene	0.19	U J	0.19	0.060	ug/L		10/20/25 09:28	10/21/25 20:27	1
Phenol	0.96	U J	0.96	0.096	ug/L		10/20/25 09:28	10/21/25 20:27	1
Pyrene	0.48	U J	0.48	0.073	ug/L		10/20/25 09:28	10/21/25 20:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*29*		*26 - 120*	*10/20/25 09:28*	*10/21/25 20:27*	*1*
p-Terphenyl-d14	*63*	*S1-*	*64 - 127*	*10/20/25 09:28*	*10/21/25 20:27*	*1*
Phenol-d5	*13*		*11 - 120*	*10/20/25 09:28*	*10/21/25 20:27*	*1*
2-Fluorophenol	*19*		*10 - 120*	*10/20/25 09:28*	*10/21/25 20:27*	*1*
2,4,6-Tribromophenol	*65*		*24 - 146*	*10/20/25 09:28*	*10/21/25 20:27*	*1*
2-Fluorobiphenyl	*36*	*S1-*	*37 - 120*	*10/20/25 09:28*	*10/21/25 20:27*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.010	U	0.010	0.0041	mg/L			10/21/25 01:47	1

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: MW-36I
Lab Sample ID: 480-233645-8
Date Collected: 10/15/25 12:55
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/22/25 03:25	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 03:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/22/25 03:25	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/22/25 03:25	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/22/25 03:25	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/22/25 03:25	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/22/25 03:25	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/22/25 03:25	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/22/25 03:25	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/22/25 03:25	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 03:25	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/22/25 03:25	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/22/25 03:25	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/22/25 03:25	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/22/25 03:25	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/22/25 03:25	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/22/25 03:25	1
Acetone	10	U	10	3.0	ug/L			10/22/25 03:25	1
Benzene	1.0	U	1.0	0.41	ug/L			10/22/25 03:25	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/22/25 03:25	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/22/25 03:25	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/22/25 03:25	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/22/25 03:25	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/22/25 03:25	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/22/25 03:25	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/22/25 03:25	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/22/25 03:25	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/22/25 03:25	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/22/25 03:25	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/22/25 03:25	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/22/25 03:25	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/22/25 03:25	1
Dichlorodifluoromethane	1.0	U J	1.0	0.68	ug/L			10/22/25 03:25	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/22/25 03:25	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/22/25 03:25	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/22/25 03:25	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/22/25 03:25	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/22/25 03:25	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/22/25 03:25	1
Styrene	1.0	U	1.0	0.73	ug/L			10/22/25 03:25	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/22/25 03:25	1
Toluene	1.0	U	1.0	0.51	ug/L			10/22/25 03:25	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/22/25 03:25	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/22/25 03:25	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/22/25 03:25	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/22/25 03:25	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/22/25 03:25	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/22/25 03:25	1

Client Sample ID: MW-36I
Lab Sample ID: 480-233645-8
Date Collected: 10/15/25 12:55
Matrix: Water
Date Received: 10/16/25 09:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*90*		*77 - 120*		*10/22/25 03:25*	*1*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*10/22/25 03:25*	*1*
Dibromofluoromethane (Surr)	*91*		*75 - 123*		*10/22/25 03:25*	*1*
Toluene-d8 (Surr)	*90*		*80 - 120*		*10/22/25 03:25*	*1*

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	4.8	U	4.8	0.032	ug/L		10/20/25 09:28	10/21/25 20:53	1
bis (2-chloroisopropyl) ether	4.8	U J	4.8	0.082	ug/L		10/20/25 09:28	10/21/25 20:53	1
2,4,5-Trichlorophenol	4.8	U	4.8	0.062	ug/L		10/20/25 09:28	10/21/25 20:53	1
2,4,6-Trichlorophenol	4.8	U	4.8	0.069	ug/L		10/20/25 09:28	10/21/25 20:53	1
2,4-Dichlorophenol	0.48	U	0.48	0.053	ug/L		10/20/25 09:28	10/21/25 20:53	1
2,4-Dimethylphenol	0.95	U	0.95	0.29	ug/L		10/20/25 09:28	10/21/25 20:53	1
2,4-Dinitrophenol	4.8	U	4.8	0.57	ug/L		10/20/25 09:28	10/21/25 20:53	1
2,4-Dinitrotoluene	4.8	U	4.8	0.032	ug/L		10/20/25 09:28	10/21/25 20:53	1
2,6-Dinitrotoluene	4.8	U	4.8	0.087	ug/L		10/20/25 09:28	10/21/25 20:53	1
2-Chloronaphthalene	0.48	U	0.48	0.063	ug/L		10/20/25 09:28	10/21/25 20:53	1
2-Chlorophenol	4.8	U	4.8	0.063	ug/L		10/20/25 09:28	10/21/25 20:53	1
2-Methylnaphthalene	0.48	U	0.48	0.050	ug/L		10/20/25 09:28	10/21/25 20:53	1
2-Methylphenol	0.95	U	0.95	0.13	ug/L		10/20/25 09:28	10/21/25 20:53	1
2-Nitroaniline	4.8	U	4.8	0.090	ug/L		10/20/25 09:28	10/21/25 20:53	1
2-Nitrophenol	4.8	U	4.8	0.059	ug/L		10/20/25 09:28	10/21/25 20:53	1
3,3'-Dichlorobenzidine	4.8	U	4.8	0.21	ug/L		10/20/25 09:28	10/21/25 20:53	1
3-Nitroaniline	4.8	U	4.8	0.12	ug/L		10/20/25 09:28	10/21/25 20:53	1
4,6-Dinitro-2-methylphenol	4.8	U	4.8	0.70	ug/L		10/20/25 09:28	10/21/25 20:53	1
4-Bromophenyl phenyl ether	4.8	U	4.8	0.087	ug/L		10/20/25 09:28	10/21/25 20:53	1
4-Chloro-3-methylphenol	4.8	U	4.8	0.050	ug/L		10/20/25 09:28	10/21/25 20:53	1
4-Chloroaniline	4.8	U	4.8	0.12	ug/L		10/20/25 09:28	10/21/25 20:53	1
4-Chlorophenyl phenyl ether	4.8	U	4.8	0.044	ug/L		10/20/25 09:28	10/21/25 20:53	1
4-Methylphenol	0.95	U	0.95	0.090	ug/L		10/20/25 09:28	10/21/25 20:53	1
4-Nitroaniline	4.8	U	4.8	0.024	ug/L		10/20/25 09:28	10/21/25 20:53	1
4-Nitrophenol	4.8	U	4.8	0.37	ug/L		10/20/25 09:28	10/21/25 20:53	1
Acenaphthene	**0.077**	**J**	0.48	0.034	ug/L		10/20/25 09:28	10/21/25 20:53	1
Acenaphthylene	0.29	U	0.29	0.053	ug/L		10/20/25 09:28	10/21/25 20:53	1
Acetophenone	4.8	U	4.8	0.095	ug/L		10/20/25 09:28	10/21/25 20:53	1
Anthracene	**0.059**	**J**	0.48	0.032	ug/L		10/20/25 09:28	10/21/25 20:53	1
Atrazine	1.9	U J	1.9	0.28	ug/L		10/20/25 09:28	10/21/25 20:53	1
Benzaldehyde	4.8	U	4.8	0.071	ug/L		10/20/25 09:28	10/21/25 20:53	1
Benzo(a)anthracene	**0.064**	**J**	0.29	0.032	ug/L		10/20/25 09:28	10/21/25 20:53	1
Benzo(a)pyrene	0.17	U	0.17	0.12	ug/L		10/20/25 09:28	10/21/25 20:53	1
Benzo(b)fluoranthene	0.29	U	0.29	0.060	ug/L		10/20/25 09:28	10/21/25 20:53	1
Benzo(g,h,i)perylene	0.48	U	0.48	0.055	ug/L		10/20/25 09:28	10/21/25 20:53	1
Benzo(k)fluoranthene	0.29	U	0.29	0.067	ug/L		10/20/25 09:28	10/21/25 20:53	1
Bis(2-chloroethoxy)methane	4.8	U	4.8	0.061	ug/L		10/20/25 09:28	10/21/25 20:53	1
Bis(2-chloroethyl)ether	4.8	U	4.8	0.069	ug/L		10/20/25 09:28	10/21/25 20:53	1
Bis(2-ethylhexyl) phthalate	4.8	U	4.8	0.40	ug/L		10/20/25 09:28	10/21/25 20:53	1
Butyl benzyl phthalate	2.9	U	2.9	0.15	ug/L		10/20/25 09:28	10/21/25 20:53	1
Caprolactam	4.8	U J	4.8	0.21	ug/L		10/20/25 09:28	10/21/25 20:53	1
Carbazole	4.8	U J	4.8	0.075	ug/L		10/20/25 09:28	10/21/25 20:53	1
Chrysene	0.48	U	0.48	0.070	ug/L		10/20/25 09:28	10/21/25 20:53	1

Client Sample ID: MW-36I
Lab Sample ID: 480-233645-8
Date Collected: 10/15/25 12:55
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	0.48	U	0.48	0.067	ug/L		10/20/25 09:28	10/21/25 20:53	1
Dibenzofuran	4.8	U	4.8	0.057	ug/L		10/20/25 09:28	10/21/25 20:53	1
Diethyl phthalate	0.48	U	0.48	0.061	ug/L		10/20/25 09:28	10/21/25 20:53	1
Dimethyl phthalate	0.48	U	0.48	0.054	ug/L		10/20/25 09:28	10/21/25 20:53	1
Di-n-butyl phthalate	1.9	U	1.9	0.33	ug/L		10/20/25 09:28	10/21/25 20:53	1
Di-n-octyl phthalate	4.8	U	4.8	0.19	ug/L		10/20/25 09:28	10/21/25 20:53	1
Fluoranthene	**0.14**	**J**	0.48	0.076	ug/L		10/20/25 09:28	10/21/25 20:53	1
Fluorene	0.48	U	0.48	0.055	ug/L		10/20/25 09:28	10/21/25 20:53	1
Hexachlorobenzene	0.48	U	0.48	0.21	ug/L		10/20/25 09:28	10/21/25 20:53	1
Hexachlorobutadiene	0.95	U J	0.95	0.095	ug/L		10/20/25 09:28	10/21/25 20:53	1
Hexachlorocyclopentadiene	0.95	U	0.95	0.087	ug/L		10/20/25 09:28	10/21/25 20:53	1
Hexachloroethane	4.8	U	4.8	0.084	ug/L		10/20/25 09:28	10/21/25 20:53	1
Indeno(1,2,3-cd)pyrene	0.48	U	0.48	0.10	ug/L		10/20/25 09:28	10/21/25 20:53	1
Isophorone	0.48	U	0.48	0.049	ug/L		10/20/25 09:28	10/21/25 20:53	1
Naphthalene	0.95	U	0.95	0.061	ug/L		10/20/25 09:28	10/21/25 20:53	1
Nitrobenzene	0.48	U	0.48	0.062	ug/L		10/20/25 09:28	10/21/25 20:53	1
N-Nitrosodi-n-propylamine	4.8	U J	4.8	0.057	ug/L		10/20/25 09:28	10/21/25 20:53	1
N-Nitrosodiphenylamine	4.8	U	4.8	0.067	ug/L		10/20/25 09:28	10/21/25 20:53	1
Pentachlorophenol	0.95	U	0.95	0.32	ug/L		10/20/25 09:28	10/21/25 20:53	1
Phenanthrene	**0.10**	**J**	0.19	0.059	ug/L		10/20/25 09:28	10/21/25 20:53	1
Phenol	0.95	U J	0.95	0.095	ug/L		10/20/25 09:28	10/21/25 20:53	1
Pyrene	**0.20**	**J**	0.48	0.072	ug/L		10/20/25 09:28	10/21/25 20:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*44*		*26 - 120*	*10/20/25 09:28*	*10/21/25 20:53*	*1*
p-Terphenyl-d14	*84*		*64 - 127*	*10/20/25 09:28*	*10/21/25 20:53*	*1*
Phenol-d5	*18*		*11 - 120*	*10/20/25 09:28*	*10/21/25 20:53*	*1*
2-Fluorophenol	*25*		*10 - 120*	*10/20/25 09:28*	*10/21/25 20:53*	*1*
2,4,6-Tribromophenol	*90*		*24 - 146*	*10/20/25 09:28*	*10/21/25 20:53*	*1*
2-Fluorobiphenyl	*61*		*37 - 120*	*10/20/25 09:28*	*10/21/25 20:53*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.0057**	**J ~~F1~~**	0.010	0.0041	mg/L			10/21/25 02:06	1

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: MW-36D
Lab Sample ID: 480-233645-9
Date Collected: 10/15/25 10:55
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/22/25 03:48	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 03:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/22/25 03:48	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/22/25 03:48	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/22/25 03:48	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/22/25 03:48	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/22/25 03:48	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/22/25 03:48	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/22/25 03:48	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/22/25 03:48	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 03:48	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/22/25 03:48	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/22/25 03:48	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/22/25 03:48	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/22/25 03:48	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/22/25 03:48	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/22/25 03:48	1
Acetone	10	U	10	3.0	ug/L			10/22/25 03:48	1
Benzene	1.0	U	1.0	0.41	ug/L			10/22/25 03:48	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/22/25 03:48	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/22/25 03:48	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/22/25 03:48	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/22/25 03:48	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/22/25 03:48	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/22/25 03:48	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/22/25 03:48	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/22/25 03:48	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/22/25 03:48	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/22/25 03:48	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/22/25 03:48	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/22/25 03:48	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/22/25 03:48	1
Dichlorodifluoromethane	1.0	U J	1.0	0.68	ug/L			10/22/25 03:48	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/22/25 03:48	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/22/25 03:48	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/22/25 03:48	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/22/25 03:48	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/22/25 03:48	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/22/25 03:48	1
Styrene	1.0	U	1.0	0.73	ug/L			10/22/25 03:48	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/22/25 03:48	1
Toluene	1.0	U	1.0	0.51	ug/L			10/22/25 03:48	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/22/25 03:48	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/22/25 03:48	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/22/25 03:48	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/22/25 03:48	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/22/25 03:48	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/22/25 03:48	1

Client Sample ID: MW-36D
Lab Sample ID: 480-233645-9

Date Collected: 10/15/25 10:55
Matrix: Water

Date Received: 10/16/25 09:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*88*		*77 - 120*		*10/22/25 03:48*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*10/22/25 03:48*	*1*
Dibromofluoromethane (Surr)	*93*		*75 - 123*		*10/22/25 03:48*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*10/22/25 03:48*	*1*

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	4.8	U	4.8	0.032	ug/L		10/20/25 09:28	10/21/25 21:19	1
bis (2-chloroisopropyl) ether	4.8	U J	4.8	0.082	ug/L		10/20/25 09:28	10/21/25 21:19	1
2,4,5-Trichlorophenol	4.8	U	4.8	0.062	ug/L		10/20/25 09:28	10/21/25 21:19	1
2,4,6-Trichlorophenol	4.8	U	4.8	0.069	ug/L		10/20/25 09:28	10/21/25 21:19	1
2,4-Dichlorophenol	0.48	U	0.48	0.053	ug/L		10/20/25 09:28	10/21/25 21:19	1
2,4-Dimethylphenol	0.95	U	0.95	0.29	ug/L		10/20/25 09:28	10/21/25 21:19	1
2,4-Dinitrophenol	4.8	U	4.8	0.57	ug/L		10/20/25 09:28	10/21/25 21:19	1
2,4-Dinitrotoluene	4.8	U	4.8	0.032	ug/L		10/20/25 09:28	10/21/25 21:19	1
2,6-Dinitrotoluene	4.8	U	4.8	0.087	ug/L		10/20/25 09:28	10/21/25 21:19	1
2-Chloronaphthalene	0.48	U	0.48	0.063	ug/L		10/20/25 09:28	10/21/25 21:19	1
2-Chlorophenol	4.8	U	4.8	0.063	ug/L		10/20/25 09:28	10/21/25 21:19	1
2-Methylnaphthalene	0.48	U	0.48	0.050	ug/L		10/20/25 09:28	10/21/25 21:19	1
2-Methylphenol	0.95	U	0.95	0.13	ug/L		10/20/25 09:28	10/21/25 21:19	1
2-Nitroaniline	4.8	U	4.8	0.090	ug/L		10/20/25 09:28	10/21/25 21:19	1
2-Nitrophenol	4.8	U	4.8	0.059	ug/L		10/20/25 09:28	10/21/25 21:19	1
3,3'-Dichlorobenzidine	4.8	U	4.8	0.21	ug/L		10/20/25 09:28	10/21/25 21:19	1
3-Nitroaniline	4.8	U	4.8	0.12	ug/L		10/20/25 09:28	10/21/25 21:19	1
4,6-Dinitro-2-methylphenol	4.8	U	4.8	0.70	ug/L		10/20/25 09:28	10/21/25 21:19	1
4-Bromophenyl phenyl ether	4.8	U	4.8	0.087	ug/L		10/20/25 09:28	10/21/25 21:19	1
4-Chloro-3-methylphenol	4.8	U	4.8	0.050	ug/L		10/20/25 09:28	10/21/25 21:19	1
4-Chloroaniline	4.8	U	4.8	0.12	ug/L		10/20/25 09:28	10/21/25 21:19	1
4-Chlorophenyl phenyl ether	4.8	U	4.8	0.044	ug/L		10/20/25 09:28	10/21/25 21:19	1
4-Methylphenol	0.95	U	0.95	0.090	ug/L		10/20/25 09:28	10/21/25 21:19	1
4-Nitroaniline	4.8	U	4.8	0.024	ug/L		10/20/25 09:28	10/21/25 21:19	1
4-Nitrophenol	4.8	U	4.8	0.37	ug/L		10/20/25 09:28	10/21/25 21:19	1
Acenaphthene	0.48	U	0.48	0.034	ug/L		10/20/25 09:28	10/21/25 21:19	1
Acenaphthylene	0.29	U	0.29	0.053	ug/L		10/20/25 09:28	10/21/25 21:19	1
Acetophenone	4.8	U	4.8	0.095	ug/L		10/20/25 09:28	10/21/25 21:19	1
Anthracene	0.48	U	0.48	0.032	ug/L		10/20/25 09:28	10/21/25 21:19	1
Atrazine	1.9	U J	1.9	0.28	ug/L		10/20/25 09:28	10/21/25 21:19	1
Benzaldehyde	4.8	U	4.8	0.071	ug/L		10/20/25 09:28	10/21/25 21:19	1
Benzo(a)anthracene	0.29	U	0.29	0.032	ug/L		10/20/25 09:28	10/21/25 21:19	1
Benzo(a)pyrene	0.17	U	0.17	0.12	ug/L		10/20/25 09:28	10/21/25 21:19	1
Benzo(b)fluoranthene	0.29	U	0.29	0.060	ug/L		10/20/25 09:28	10/21/25 21:19	1
Benzo(g,h,i)perylene	0.48	U	0.48	0.055	ug/L		10/20/25 09:28	10/21/25 21:19	1
Benzo(k)fluoranthene	0.29	U	0.29	0.067	ug/L		10/20/25 09:28	10/21/25 21:19	1
Bis(2-chloroethoxy)methane	4.8	U	4.8	0.061	ug/L		10/20/25 09:28	10/21/25 21:19	1
Bis(2-chloroethyl)ether	4.8	U	4.8	0.069	ug/L		10/20/25 09:28	10/21/25 21:19	1
Bis(2-ethylhexyl) phthalate	4.8	U	4.8	0.40	ug/L		10/20/25 09:28	10/21/25 21:19	1
Butyl benzyl phthalate	2.9	U	2.9	0.15	ug/L		10/20/25 09:28	10/21/25 21:19	1
Caprolactam	**0.31**	**J**	4.8	0.21	ug/L		10/20/25 09:28	10/21/25 21:19	1
Carbazole	4.8	U J	4.8	0.075	ug/L		10/20/25 09:28	10/21/25 21:19	1
Chrysene	0.48	U	0.48	0.070	ug/L		10/20/25 09:28	10/21/25 21:19	1

Client Sample ID: MW-36D
Lab Sample ID: 480-233645-9
Date Collected: 10/15/25 10:55
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	0.48	U	0.48	0.067	ug/L		10/20/25 09:28	10/21/25 21:19	1
Dibenzofuran	4.8	U	4.8	0.057	ug/L		10/20/25 09:28	10/21/25 21:19	1
Diethyl phthalate	0.48	U	0.48	0.061	ug/L		10/20/25 09:28	10/21/25 21:19	1
Dimethyl phthalate	0.48	U	0.48	0.054	ug/L		10/20/25 09:28	10/21/25 21:19	1
Di-n-butyl phthalate	1.9	U	1.9	0.33	ug/L		10/20/25 09:28	10/21/25 21:19	1
Di-n-octyl phthalate	4.8	U	4.8	0.19	ug/L		10/20/25 09:28	10/21/25 21:19	1
Fluoranthene	0.48	U	0.48	0.076	ug/L		10/20/25 09:28	10/21/25 21:19	1
Fluorene	0.48	U	0.48	0.055	ug/L		10/20/25 09:28	10/21/25 21:19	1
Hexachlorobenzene	0.48	U	0.48	0.21	ug/L		10/20/25 09:28	10/21/25 21:19	1
Hexachlorobutadiene	0.95	U J	0.95	0.095	ug/L		10/20/25 09:28	10/21/25 21:19	1
Hexachlorocyclopentadiene	0.95	U	0.95	0.087	ug/L		10/20/25 09:28	10/21/25 21:19	1
Hexachloroethane	4.8	U	4.8	0.084	ug/L		10/20/25 09:28	10/21/25 21:19	1
Indeno(1,2,3-cd)pyrene	0.48	U	0.48	0.10	ug/L		10/20/25 09:28	10/21/25 21:19	1
Isophorone	**0.095**	**J**	0.48	0.049	ug/L		10/20/25 09:28	10/21/25 21:19	1
Naphthalene	0.95	U	0.95	0.061	ug/L		10/20/25 09:28	10/21/25 21:19	1
Nitrobenzene	0.48	U	0.48	0.062	ug/L		10/20/25 09:28	10/21/25 21:19	1
N-Nitrosodi-n-propylamine	4.8	U J	4.8	0.057	ug/L		10/20/25 09:28	10/21/25 21:19	1
N-Nitrosodiphenylamine	4.8	U	4.8	0.067	ug/L		10/20/25 09:28	10/21/25 21:19	1
Pentachlorophenol	0.95	U	0.95	0.32	ug/L		10/20/25 09:28	10/21/25 21:19	1
Phenanthrene	0.19	U	0.19	0.059	ug/L		10/20/25 09:28	10/21/25 21:19	1
Phenol	0.95	U J	0.95	0.095	ug/L		10/20/25 09:28	10/21/25 21:19	1
Pyrene	0.48	U	0.48	0.072	ug/L		10/20/25 09:28	10/21/25 21:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*32*		*26 - 120*	*10/20/25 09:28*	*10/21/25 21:19*	*1*
p-Terphenyl-d14	*72*		*64 - 127*	*10/20/25 09:28*	*10/21/25 21:19*	*1*
Phenol-d5	*15*		*11 - 120*	*10/20/25 09:28*	*10/21/25 21:19*	*1*
2-Fluorophenol	*20*		*10 - 120*	*10/20/25 09:28*	*10/21/25 21:19*	*1*
2,4,6-Tribromophenol	*86*		*24 - 146*	*10/20/25 09:28*	*10/21/25 21:19*	*1*
2-Fluorobiphenyl	*44*		*37 - 120*	*10/20/25 09:28*	*10/21/25 21:19*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.010	U	0.010	0.0041	mg/L			10/21/25 02:11	1

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: MW-38I
Lab Sample ID: 480-233645-10
Date Collected: 10/14/25 16:10
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/22/25 04:12	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 04:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/22/25 04:12	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/22/25 04:12	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/22/25 04:12	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/22/25 04:12	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/22/25 04:12	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/22/25 04:12	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/22/25 04:12	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/22/25 04:12	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 04:12	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/22/25 04:12	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/22/25 04:12	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/22/25 04:12	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/22/25 04:12	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/22/25 04:12	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/22/25 04:12	1
Acetone	10	U	10	3.0	ug/L			10/22/25 04:12	1
Benzene	1.0	U	1.0	0.41	ug/L			10/22/25 04:12	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/22/25 04:12	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/22/25 04:12	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/22/25 04:12	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/22/25 04:12	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/22/25 04:12	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/22/25 04:12	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/22/25 04:12	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/22/25 04:12	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/22/25 04:12	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/22/25 04:12	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/22/25 04:12	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/22/25 04:12	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/22/25 04:12	1
Dichlorodifluoromethane	1.0	U J	1.0	0.68	ug/L			10/22/25 04:12	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/22/25 04:12	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/22/25 04:12	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/22/25 04:12	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/22/25 04:12	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/22/25 04:12	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/22/25 04:12	1
Styrene	1.0	U	1.0	0.73	ug/L			10/22/25 04:12	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/22/25 04:12	1
Toluene	1.0	U	1.0	0.51	ug/L			10/22/25 04:12	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/22/25 04:12	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/22/25 04:12	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/22/25 04:12	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/22/25 04:12	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/22/25 04:12	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/22/25 04:12	1

Client Sample ID: MW-38I
Lab Sample ID: 480-233645-10
Date Collected: 10/14/25 16:10
Matrix: Water
Date Received: 10/16/25 09:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*91*		*77 - 120*		*10/22/25 04:12*	*1*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*10/22/25 04:12*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*10/22/25 04:12*	*1*
Toluene-d8 (Surr)	*89*		*80 - 120*		*10/22/25 04:12*	*1*

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	48	U	48	0.33	ug/L		10/20/25 09:28	10/21/25 21:46	10
bis (2-chloroisopropyl) ether	48	U J	48	0.83	ug/L		10/20/25 09:28	10/21/25 21:46	10
2,4,5-Trichlorophenol	48	U	48	0.63	ug/L		10/20/25 09:28	10/21/25 21:46	10
2,4,6-Trichlorophenol	48	U	48	0.69	ug/L		10/20/25 09:28	10/21/25 21:46	10
2,4-Dichlorophenol	4.8	U	4.8	0.54	ug/L		10/20/25 09:28	10/21/25 21:46	10
2,4-Dimethylphenol	9.6	U	9.6	2.9	ug/L		10/20/25 09:28	10/21/25 21:46	10
2,4-Dinitrophenol	48	U	48	5.8	ug/L		10/20/25 09:28	10/21/25 21:46	10
2,4-Dinitrotoluene	48	U	48	0.33	ug/L		10/20/25 09:28	10/21/25 21:46	10
2,6-Dinitrotoluene	48	U	48	0.88	ug/L		10/20/25 09:28	10/21/25 21:46	10
2-Chloronaphthalene	4.8	U	4.8	0.63	ug/L		10/20/25 09:28	10/21/25 21:46	10
2-Chlorophenol	48	U	48	0.63	ug/L		10/20/25 09:28	10/21/25 21:46	10
2-Methylnaphthalene	4.8	U	4.8	0.50	ug/L		10/20/25 09:28	10/21/25 21:46	10
2-Methylphenol	9.6	U	9.6	1.3	ug/L		10/20/25 09:28	10/21/25 21:46	10
2-Nitroaniline	48	U	48	0.91	ug/L		10/20/25 09:28	10/21/25 21:46	10
2-Nitrophenol	48	U	48	0.60	ug/L		10/20/25 09:28	10/21/25 21:46	10
3,3'-Dichlorobenzidine	48	U	48	2.1	ug/L		10/20/25 09:28	10/21/25 21:46	10
3-Nitroaniline	48	U	48	1.3	ug/L		10/20/25 09:28	10/21/25 21:46	10
4,6-Dinitro-2-methylphenol	48	U	48	7.1	ug/L		10/20/25 09:28	10/21/25 21:46	10
4-Bromophenyl phenyl ether	48	U	48	0.88	ug/L		10/20/25 09:28	10/21/25 21:46	10
4-Chloro-3-methylphenol	48	U	48	0.51	ug/L		10/20/25 09:28	10/21/25 21:46	10
4-Chloroaniline	48	U	48	1.3	ug/L		10/20/25 09:28	10/21/25 21:46	10
4-Chlorophenyl phenyl ether	48	U	48	0.44	ug/L		10/20/25 09:28	10/21/25 21:46	10
4-Methylphenol	9.6	U	9.6	0.90	ug/L		10/20/25 09:28	10/21/25 21:46	10
4-Nitroaniline	48	U	48	0.24	ug/L		10/20/25 09:28	10/21/25 21:46	10
4-Nitrophenol	48	U	48	3.8	ug/L		10/20/25 09:28	10/21/25 21:46	10
Acenaphthene	4.8	U	4.8	0.35	ug/L		10/20/25 09:28	10/21/25 21:46	10
Acenaphthylene	2.9	U	2.9	0.54	ug/L		10/20/25 09:28	10/21/25 21:46	10
Acetophenone	48	U	48	0.96	ug/L		10/20/25 09:28	10/21/25 21:46	10
Anthracene	4.8	U	4.8	0.33	ug/L		10/20/25 09:28	10/21/25 21:46	10
Atrazine	19	U J	19	2.8	ug/L		10/20/25 09:28	10/21/25 21:46	10
Benzaldehyde	48	U	48	0.72	ug/L		10/20/25 09:28	10/21/25 21:46	10
Benzo(a)anthracene	2.9	U	2.9	0.33	ug/L		10/20/25 09:28	10/21/25 21:46	10
Benzo(a)pyrene	1.7	U	1.7	1.3	ug/L		10/20/25 09:28	10/21/25 21:46	10
Benzo(b)fluoranthene	2.9	U	2.9	0.61	ug/L		10/20/25 09:28	10/21/25 21:46	10
Benzo(g,h,i)perylene	4.8	U	4.8	0.56	ug/L		10/20/25 09:28	10/21/25 21:46	10
Benzo(k)fluoranthene	2.9	U	2.9	0.67	ug/L		10/20/25 09:28	10/21/25 21:46	10
Bis(2-chloroethoxy)methane	48	U	48	0.62	ug/L		10/20/25 09:28	10/21/25 21:46	10
Bis(2-chloroethyl)ether	48	U	48	0.69	ug/L		10/20/25 09:28	10/21/25 21:46	10
Bis(2-ethylhexyl) phthalate	48	U	48	4.0	ug/L		10/20/25 09:28	10/21/25 21:46	10
Butyl benzyl phthalate	29	U	29	1.5	ug/L		10/20/25 09:28	10/21/25 21:46	10
Caprolactam	48	U J	48	2.1	ug/L		10/20/25 09:28	10/21/25 21:46	10
Carbazole	48	U J	48	0.76	ug/L		10/20/25 09:28	10/21/25 21:46	10
Chrysene	4.8	U	4.8	0.71	ug/L		10/20/25 09:28	10/21/25 21:46	10

Client Sample ID: MW-38I
Lab Sample ID: 480-233645-10
Date Collected: 10/14/25 16:10
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	4.8	U	4.8	0.67	ug/L		10/20/25 09:28	10/21/25 21:46	10
Dibenzofuran	48	U	48	0.58	ug/L		10/20/25 09:28	10/21/25 21:46	10
Diethyl phthalate	4.8	U	4.8	0.62	ug/L		10/20/25 09:28	10/21/25 21:46	10
Dimethyl phthalate	4.8	U	4.8	0.55	ug/L		10/20/25 09:28	10/21/25 21:46	10
Di-n-butyl phthalate	19	U	19	3.4	ug/L		10/20/25 09:28	10/21/25 21:46	10
Di-n-octyl phthalate	48	U	48	1.9	ug/L		10/20/25 09:28	10/21/25 21:46	10
Fluoranthene	4.8	U	4.8	0.77	ug/L		10/20/25 09:28	10/21/25 21:46	10
Fluorene	4.8	U	4.8	0.56	ug/L		10/20/25 09:28	10/21/25 21:46	10
Hexachlorobenzene	4.8	U	4.8	2.1	ug/L		10/20/25 09:28	10/21/25 21:46	10
Hexachlorobutadiene	9.6	U J	9.6	0.96	ug/L		10/20/25 09:28	10/21/25 21:46	10
Hexachlorocyclopentadiene	9.6	U	9.6	0.88	ug/L		10/20/25 09:28	10/21/25 21:46	10
Hexachloroethane	48	U	48	0.85	ug/L		10/20/25 09:28	10/21/25 21:46	10
Indeno(1,2,3-cd)pyrene	4.8	U	4.8	1.1	ug/L		10/20/25 09:28	10/21/25 21:46	10
Isophorone	4.8	U	4.8	0.49	ug/L		10/20/25 09:28	10/21/25 21:46	10
Naphthalene	9.6	U	9.6	0.62	ug/L		10/20/25 09:28	10/21/25 21:46	10
Nitrobenzene	4.8	U	4.8	0.63	ug/L		10/20/25 09:28	10/21/25 21:46	10
N-Nitrosodi-n-propylamine	48	U J	48	0.58	ug/L		10/20/25 09:28	10/21/25 21:46	10
N-Nitrosodiphenylamine	48	U	48	0.67	ug/L		10/20/25 09:28	10/21/25 21:46	10
Pentachlorophenol	9.6	U	9.6	3.3	ug/L		10/20/25 09:28	10/21/25 21:46	10
Phenanthrene	1.9	U	1.9	0.60	ug/L		10/20/25 09:28	10/21/25 21:46	10
Phenol	9.6	U J	9.6	0.96	ug/L		10/20/25 09:28	10/21/25 21:46	10
Pyrene	4.8	U	4.8	0.73	ug/L		10/20/25 09:28	10/21/25 21:46	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*41*		*26 - 120*	*10/20/25 09:28*	*10/21/25 21:46*	*10*
p-Terphenyl-d14	*62*	*S1-*	*64 - 127*	*10/20/25 09:28*	*10/21/25 21:46*	*10*
Phenol-d5	*21*		*11 - 120*	*10/20/25 09:28*	*10/21/25 21:46*	*10*
2-Fluorophenol	*30*		*10 - 120*	*10/20/25 09:28*	*10/21/25 21:46*	*10*
2,4,6-Tribromophenol	*67*		*24 - 146*	*10/20/25 09:28*	*10/21/25 21:46*	*10*
2-Fluorobiphenyl	*48*		*37 - 120*	*10/20/25 09:28*	*10/21/25 21:46*	*10*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.0049**	**J**	0.010	0.0041	mg/L			10/21/25 02:14	1

Client: Arcadis US Inc
Project/Site: NYSEG Mechanicville Project

Job ID: 480-233645-1

Client Sample ID: MW-38D
Date Collected: 10/14/25 13:50
Date Received: 10/16/25 09:45

Lab Sample ID: 480-233645-11
Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/22/25 04:37	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 04:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/22/25 04:37	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/22/25 04:37	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/22/25 04:37	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/22/25 04:37	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/22/25 04:37	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/22/25 04:37	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/22/25 04:37	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/22/25 04:37	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 04:37	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/22/25 04:37	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/22/25 04:37	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/22/25 04:37	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/22/25 04:37	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/22/25 04:37	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/22/25 04:37	1
Acetone	10	U	10	3.0	ug/L			10/22/25 04:37	1
Benzene	1.0	U	1.0	0.41	ug/L			10/22/25 04:37	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/22/25 04:37	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/22/25 04:37	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/22/25 04:37	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/22/25 04:37	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/22/25 04:37	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/22/25 04:37	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/22/25 04:37	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/22/25 04:37	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/22/25 04:37	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/22/25 04:37	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/22/25 04:37	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/22/25 04:37	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/22/25 04:37	1
Dichlorodifluoromethane	1.0	U J	1.0	0.68	ug/L			10/22/25 04:37	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/22/25 04:37	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/22/25 04:37	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/22/25 04:37	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/22/25 04:37	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/22/25 04:37	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/22/25 04:37	1
Styrene	1.0	U	1.0	0.73	ug/L			10/22/25 04:37	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/22/25 04:37	1
Toluene	1.0	U	1.0	0.51	ug/L			10/22/25 04:37	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/22/25 04:37	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/22/25 04:37	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/22/25 04:37	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/22/25 04:37	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/22/25 04:37	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/22/25 04:37	1

Client Sample ID: MW-38D
Lab Sample ID: 480-233645-11

Date Collected: 10/14/25 13:50
Matrix: Water

Date Received: 10/16/25 09:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*91*		*77 - 120*		*10/22/25 04:37*	*1*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*10/22/25 04:37*	*1*
Dibromofluoromethane (Surr)	*92*		*75 - 123*		*10/22/25 04:37*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*10/22/25 04:37*	*1*

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	24	U	24	0.16	ug/L		10/20/25 09:28	10/21/25 17:24	5
bis (2-chloroisopropyl) ether	24	U J	24	0.41	ug/L		10/20/25 09:28	10/21/25 17:24	5
2,4,5-Trichlorophenol	24	U	24	0.31	ug/L		10/20/25 09:28	10/21/25 17:24	5
2,4,6-Trichlorophenol	24	U	24	0.34	ug/L		10/20/25 09:28	10/21/25 17:24	5
2,4-Dichlorophenol	2.4	U	2.4	0.27	ug/L		10/20/25 09:28	10/21/25 17:24	5
2,4-Dimethylphenol	4.8	U	4.8	1.4	ug/L		10/20/25 09:28	10/21/25 17:24	5
2,4-Dinitrophenol	24	U	24	2.9	ug/L		10/20/25 09:28	10/21/25 17:24	5
2,4-Dinitrotoluene	24	U	24	0.16	ug/L		10/20/25 09:28	10/21/25 17:24	5
2,6-Dinitrotoluene	24	U	24	0.43	ug/L		10/20/25 09:28	10/21/25 17:24	5
2-Chloronaphthalene	2.4	U	2.4	0.31	ug/L		10/20/25 09:28	10/21/25 17:24	5
2-Chlorophenol	24	U	24	0.31	ug/L		10/20/25 09:28	10/21/25 17:24	5
2-Methylnaphthalene	2.4	U	2.4	0.25	ug/L		10/20/25 09:28	10/21/25 17:24	5
2-Methylphenol	4.8	U	4.8	0.67	ug/L		10/20/25 09:28	10/21/25 17:24	5
2-Nitroaniline	24	U	24	0.45	ug/L		10/20/25 09:28	10/21/25 17:24	5
2-Nitrophenol	24	U	24	0.30	ug/L		10/20/25 09:28	10/21/25 17:24	5
3,3'-Dichlorobenzidine	24	U	24	1.0	ug/L		10/20/25 09:28	10/21/25 17:24	5
3-Nitroaniline	24	U	24	0.62	ug/L		10/20/25 09:28	10/21/25 17:24	5
4,6-Dinitro-2-methylphenol	24	U	24	3.5	ug/L		10/20/25 09:28	10/21/25 17:24	5
4-Bromophenyl phenyl ether	24	U	24	0.43	ug/L		10/20/25 09:28	10/21/25 17:24	5
4-Chloro-3-methylphenol	24	U	24	0.25	ug/L		10/20/25 09:28	10/21/25 17:24	5
4-Chloroaniline	24	U	24	0.62	ug/L		10/20/25 09:28	10/21/25 17:24	5
4-Chlorophenyl phenyl ether	24	U	24	0.22	ug/L		10/20/25 09:28	10/21/25 17:24	5
4-Methylphenol	4.8	U	4.8	0.45	ug/L		10/20/25 09:28	10/21/25 17:24	5
4-Nitroaniline	24	U	24	0.12	ug/L		10/20/25 09:28	10/21/25 17:24	5
4-Nitrophenol	24	U	24	1.9	ug/L		10/20/25 09:28	10/21/25 17:24	5
Acenaphthene	2.4	U	2.4	0.17	ug/L		10/20/25 09:28	10/21/25 17:24	5
Acenaphthylene	1.4	U	1.4	0.27	ug/L		10/20/25 09:28	10/21/25 17:24	5
Acetophenone	24	U	24	0.48	ug/L		10/20/25 09:28	10/21/25 17:24	5
Anthracene	2.4	U	2.4	0.16	ug/L		10/20/25 09:28	10/21/25 17:24	5
Atrazine	9.5	UJ	9.5	1.4	ug/L		10/20/25 09:28	10/21/25 17:24	5
Benzaldehyde	24	U	24	0.36	ug/L		10/20/25 09:28	10/21/25 17:24	5
Benzo(a)anthracene	1.4	U	1.4	0.16	ug/L		10/20/25 09:28	10/21/25 17:24	5
Benzo(a)pyrene	0.86	U	0.86	0.62	ug/L		10/20/25 09:28	10/21/25 17:24	5
Benzo(b)fluoranthene	1.4	U	1.4	0.30	ug/L		10/20/25 09:28	10/21/25 17:24	5
Benzo(g,h,i)perylene	2.4	U	2.4	0.28	ug/L		10/20/25 09:28	10/21/25 17:24	5
Benzo(k)fluoranthene	1.4	U	1.4	0.33	ug/L		10/20/25 09:28	10/21/25 17:24	5
Bis(2-chloroethoxy)methane	24	U	24	0.30	ug/L		10/20/25 09:28	10/21/25 17:24	5
Bis(2-chloroethyl)ether	24	U	24	0.34	ug/L		10/20/25 09:28	10/21/25 17:24	5
Bis(2-ethylhexyl) phthalate	24	U	24	2.0	ug/L		10/20/25 09:28	10/21/25 17:24	5
Butyl benzyl phthalate	14	U	14	0.76	ug/L		10/20/25 09:28	10/21/25 17:24	5
Caprolactam	24	U ~~F1 *-~~ J	24	1.0	ug/L		10/20/25 09:28	10/21/25 17:24	5
Carbazole	24	U J	24	0.38	ug/L		10/20/25 09:28	10/21/25 17:24	5
Chrysene	2.4	U	2.4	0.35	ug/L		10/20/25 09:28	10/21/25 17:24	5

Client Sample ID: MW-38D
Lab Sample ID: 480-233645-11
Date Collected: 10/14/25 13:50
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	2.4	U	2.4	0.33	ug/L		10/20/25 09:28	10/21/25 17:24	5
Dibenzofuran	24	U	24	0.29	ug/L		10/20/25 09:28	10/21/25 17:24	5
Diethyl phthalate	2.4	U	2.4	0.30	ug/L		10/20/25 09:28	10/21/25 17:24	5
Dimethyl phthalate	2.4	U	2.4	0.27	ug/L		10/20/25 09:28	10/21/25 17:24	5
Di-n-butyl phthalate	9.5	U	9.5	1.7	ug/L		10/20/25 09:28	10/21/25 17:24	5
Di-n-octyl phthalate	24	U	24	0.95	ug/L		10/20/25 09:28	10/21/25 17:24	5
Fluoranthene	2.4	U	2.4	0.38	ug/L		10/20/25 09:28	10/21/25 17:24	5
Fluorene	2.4	U	2.4	0.28	ug/L		10/20/25 09:28	10/21/25 17:24	5
Hexachlorobenzene	2.4	U	2.4	1.0	ug/L		10/20/25 09:28	10/21/25 17:24	5
Hexachlorobutadiene	4.8	U J	4.8	0.48	ug/L		10/20/25 09:28	10/21/25 17:24	5
Hexachlorocyclopentadiene	4.8	U	4.8	0.43	ug/L		10/20/25 09:28	10/21/25 17:24	5
Hexachloroethane	24	U	24	0.42	ug/L		10/20/25 09:28	10/21/25 17:24	5
Indeno(1,2,3-cd)pyrene	2.4	U	2.4	0.52	ug/L		10/20/25 09:28	10/21/25 17:24	5
Isophorone	2.4	U	2.4	0.24	ug/L		10/20/25 09:28	10/21/25 17:24	5
Naphthalene	4.8	U	4.8	0.30	ug/L		10/20/25 09:28	10/21/25 17:24	5
Nitrobenzene	2.4	U	2.4	0.31	ug/L		10/20/25 09:28	10/21/25 17:24	5
N-Nitrosodi-n-propylamine	24	U J	24	0.29	ug/L		10/20/25 09:28	10/21/25 17:24	5
N-Nitrosodiphenylamine	24	U	24	0.33	ug/L		10/20/25 09:28	10/21/25 17:24	5
Pentachlorophenol	4.8	U	4.8	1.6	ug/L		10/20/25 09:28	10/21/25 17:24	5
Phenanthrene	0.95	U	0.95	0.30	ug/L		10/20/25 09:28	10/21/25 17:24	5
Phenol	4.8	U J	4.8	0.48	ug/L		10/20/25 09:28	10/21/25 17:24	5
Pyrene	2.4	U	2.4	0.36	ug/L		10/20/25 09:28	10/21/25 17:24	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*61*		*26 - 120*	*10/20/25 09:28*	*10/21/25 17:24*	*5*
p-Terphenyl-d14	*83*		*64 - 127*	*10/20/25 09:28*	*10/21/25 17:24*	*5*
Phenol-d5	*27*		*11 - 120*	*10/20/25 09:28*	*10/21/25 17:24*	*5*
2-Fluorophenol	*39*		*10 - 120*	*10/20/25 09:28*	*10/21/25 17:24*	*5*
2,4,6-Tribromophenol	*76*		*24 - 146*	*10/20/25 09:28*	*10/21/25 17:24*	*5*
2-Fluorobiphenyl	*78*		*37 - 120*	*10/20/25 09:28*	*10/21/25 17:24*	*5*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.0071**	**J ~~F1~~**	0.010	0.0041	mg/L			10/21/25 02:38	1

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: MW-39D
Lab Sample ID: 480-233645-12
Date Collected: 10/14/25 17:50
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/22/25 05:01	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 05:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/22/25 05:01	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/22/25 05:01	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/22/25 05:01	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/22/25 05:01	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/22/25 05:01	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/22/25 05:01	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/22/25 05:01	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/22/25 05:01	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 05:01	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/22/25 05:01	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/22/25 05:01	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/22/25 05:01	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/22/25 05:01	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/22/25 05:01	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/22/25 05:01	1
Acetone	10	U	10	3.0	ug/L			10/22/25 05:01	1
Benzene	1.0	U	1.0	0.41	ug/L			10/22/25 05:01	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/22/25 05:01	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/22/25 05:01	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/22/25 05:01	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/22/25 05:01	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/22/25 05:01	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/22/25 05:01	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/22/25 05:01	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/22/25 05:01	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/22/25 05:01	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/22/25 05:01	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/22/25 05:01	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/22/25 05:01	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/22/25 05:01	1
Dichlorodifluoromethane	1.0	U J	1.0	0.68	ug/L			10/22/25 05:01	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/22/25 05:01	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/22/25 05:01	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/22/25 05:01	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/22/25 05:01	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/22/25 05:01	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/22/25 05:01	1
Styrene	1.0	U	1.0	0.73	ug/L			10/22/25 05:01	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/22/25 05:01	1
Toluene	1.0	U	1.0	0.51	ug/L			10/22/25 05:01	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/22/25 05:01	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/22/25 05:01	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/22/25 05:01	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/22/25 05:01	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/22/25 05:01	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/22/25 05:01	1

Client Sample ID: MW-39D
Lab Sample ID: 480-233645-12

Date Collected: 10/14/25 17:50
Matrix: Water

Date Received: 10/16/25 09:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*91*		*77 - 120*		*10/22/25 05:01*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*10/22/25 05:01*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 123*		*10/22/25 05:01*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*10/22/25 05:01*	*1*

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	24	U	24	0.16	ug/L		10/20/25 09:28	10/22/25 00:48	5
bis (2-chloroisopropyl) ether	24	U J	24	0.41	ug/L		10/20/25 09:28	10/22/25 00:48	5
2,4,5-Trichlorophenol	24	U	24	0.31	ug/L		10/20/25 09:28	10/22/25 00:48	5
2,4,6-Trichlorophenol	24	U	24	0.34	ug/L		10/20/25 09:28	10/22/25 00:48	5
2,4-Dichlorophenol	2.4	U	2.4	0.27	ug/L		10/20/25 09:28	10/22/25 00:48	5
2,4-Dimethylphenol	4.8	U	4.8	1.4	ug/L		10/20/25 09:28	10/22/25 00:48	5
2,4-Dinitrophenol	24	U	24	2.9	ug/L		10/20/25 09:28	10/22/25 00:48	5
2,4-Dinitrotoluene	24	U	24	0.16	ug/L		10/20/25 09:28	10/22/25 00:48	5
2,6-Dinitrotoluene	24	U	24	0.43	ug/L		10/20/25 09:28	10/22/25 00:48	5
2-Chloronaphthalene	2.4	U	2.4	0.31	ug/L		10/20/25 09:28	10/22/25 00:48	5
2-Chlorophenol	24	U	24	0.31	ug/L		10/20/25 09:28	10/22/25 00:48	5
2-Methylnaphthalene	2.4	U	2.4	0.25	ug/L		10/20/25 09:28	10/22/25 00:48	5
2-Methylphenol	4.8	U	4.8	0.67	ug/L		10/20/25 09:28	10/22/25 00:48	5
2-Nitroaniline	24	U J	24	0.45	ug/L		10/20/25 09:28	10/22/25 00:48	5
2-Nitrophenol	24	U	24	0.30	ug/L		10/20/25 09:28	10/22/25 00:48	5
3,3'-Dichlorobenzidine	24	U	24	1.0	ug/L		10/20/25 09:28	10/22/25 00:48	5
3-Nitroaniline	24	U	24	0.62	ug/L		10/20/25 09:28	10/22/25 00:48	5
4,6-Dinitro-2-methylphenol	24	U	24	3.5	ug/L		10/20/25 09:28	10/22/25 00:48	5
4-Bromophenyl phenyl ether	24	U	24	0.43	ug/L		10/20/25 09:28	10/22/25 00:48	5
4-Chloro-3-methylphenol	24	U	24	0.25	ug/L		10/20/25 09:28	10/22/25 00:48	5
4-Chloroaniline	24	U	24	0.62	ug/L		10/20/25 09:28	10/22/25 00:48	5
4-Chlorophenyl phenyl ether	24	U	24	0.22	ug/L		10/20/25 09:28	10/22/25 00:48	5
4-Methylphenol	4.8	U	4.8	0.45	ug/L		10/20/25 09:28	10/22/25 00:48	5
4-Nitroaniline	24	U	24	0.12	ug/L		10/20/25 09:28	10/22/25 00:48	5
4-Nitrophenol	24	U	24	1.9	ug/L		10/20/25 09:28	10/22/25 00:48	5
Acenaphthene	2.4	U	2.4	0.17	ug/L		10/20/25 09:28	10/22/25 00:48	5
Acenaphthylene	1.4	U	1.4	0.27	ug/L		10/20/25 09:28	10/22/25 00:48	5
Acetophenone	24	U	24	0.48	ug/L		10/20/25 09:28	10/22/25 00:48	5
Anthracene	2.4	U	2.4	0.16	ug/L		10/20/25 09:28	10/22/25 00:48	5
Atrazine	9.5	U J	9.5	1.4	ug/L		10/20/25 09:28	10/22/25 00:48	5
Benzaldehyde	24	U	24	0.36	ug/L		10/20/25 09:28	10/22/25 00:48	5
Benzo(a)anthracene	1.4	U	1.4	0.16	ug/L		10/20/25 09:28	10/22/25 00:48	5
Benzo(a)pyrene	0.86	U	0.86	0.62	ug/L		10/20/25 09:28	10/22/25 00:48	5
Benzo(b)fluoranthene	1.4	U	1.4	0.30	ug/L		10/20/25 09:28	10/22/25 00:48	5
Benzo(g,h,i)perylene	2.4	U	2.4	0.28	ug/L		10/20/25 09:28	10/22/25 00:48	5
Benzo(k)fluoranthene	1.4	U	1.4	0.33	ug/L		10/20/25 09:28	10/22/25 00:48	5
Bis(2-chloroethoxy)methane	24	U	24	0.30	ug/L		10/20/25 09:28	10/22/25 00:48	5
Bis(2-chloroethyl)ether	24	U	24	0.34	ug/L		10/20/25 09:28	10/22/25 00:48	5
Bis(2-ethylhexyl) phthalate	24	U	24	2.0	ug/L		10/20/25 09:28	10/22/25 00:48	5
Butyl benzyl phthalate	14	U	14	0.76	ug/L		10/20/25 09:28	10/22/25 00:48	5
Caprolactam	**1.3**	**J**	24	1.0	ug/L		10/20/25 09:28	10/22/25 00:48	5
Carbazole	24	U	24	0.38	ug/L		10/20/25 09:28	10/22/25 00:48	5
Chrysene	2.4	U	2.4	0.35	ug/L		10/20/25 09:28	10/22/25 00:48	5

Client Sample ID: MW-39D
Lab Sample ID: 480-233645-12
Date Collected: 10/14/25 17:50
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	2.4	U	2.4	0.33	ug/L		10/20/25 09:28	10/22/25 00:48	5
Dibenzofuran	24	U	24	0.29	ug/L		10/20/25 09:28	10/22/25 00:48	5
Diethyl phthalate	2.4	U	2.4	0.30	ug/L		10/20/25 09:28	10/22/25 00:48	5
Dimethyl phthalate	2.4	U	2.4	0.27	ug/L		10/20/25 09:28	10/22/25 00:48	5
Di-n-butyl phthalate	9.5	U	9.5	1.7	ug/L		10/20/25 09:28	10/22/25 00:48	5
Di-n-octyl phthalate	24	U	24	0.95	ug/L		10/20/25 09:28	10/22/25 00:48	5
Fluoranthene	2.4	U	2.4	0.38	ug/L		10/20/25 09:28	10/22/25 00:48	5
Fluorene	2.4	U	2.4	0.28	ug/L		10/20/25 09:28	10/22/25 00:48	5
Hexachlorobenzene	2.4	U	2.4	1.0	ug/L		10/20/25 09:28	10/22/25 00:48	5
Hexachlorobutadiene	4.8	U J	4.8	0.48	ug/L		10/20/25 09:28	10/22/25 00:48	5
Hexachlorocyclopentadiene	4.8	U	4.8	0.43	ug/L		10/20/25 09:28	10/22/25 00:48	5
Hexachloroethane	24	U	24	0.42	ug/L		10/20/25 09:28	10/22/25 00:48	5
Indeno(1,2,3-cd)pyrene	2.4	U	2.4	0.52	ug/L		10/20/25 09:28	10/22/25 00:48	5
Isophorone	2.4	U	2.4	0.24	ug/L		10/20/25 09:28	10/22/25 00:48	5
Naphthalene	4.8	U	4.8	0.30	ug/L		10/20/25 09:28	10/22/25 00:48	5
Nitrobenzene	2.4	U	2.4	0.31	ug/L		10/20/25 09:28	10/22/25 00:48	5
N-Nitrosodi-n-propylamine	24	U J	24	0.29	ug/L		10/20/25 09:28	10/22/25 00:48	5
N-Nitrosodiphenylamine	24	U	24	0.33	ug/L		10/20/25 09:28	10/22/25 00:48	5
Pentachlorophenol	4.8	U J	4.8	1.6	ug/L		10/20/25 09:28	10/22/25 00:48	5
Phenanthrene	0.95	U	0.95	0.30	ug/L		10/20/25 09:28	10/22/25 00:48	5
Phenol	4.8	U	4.8	0.48	ug/L		10/20/25 09:28	10/22/25 00:48	5
Pyrene	2.4	U	2.4	0.36	ug/L		10/20/25 09:28	10/22/25 00:48	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*33*		*26 - 120*	*10/20/25 09:28*	*10/22/25 00:48*	*5*
p-Terphenyl-d14	*72*		*64 - 127*	*10/20/25 09:28*	*10/22/25 00:48*	*5*
Phenol-d5	*16*		*11 - 120*	*10/20/25 09:28*	*10/22/25 00:48*	*5*
2-Fluorophenol	*23*		*10 - 120*	*10/20/25 09:28*	*10/22/25 00:48*	*5*
2,4,6-Tribromophenol	*74*		*24 - 146*	*10/20/25 09:28*	*10/22/25 00:48*	*5*
2-Fluorobiphenyl	*47*		*37 - 120*	*10/20/25 09:28*	*10/22/25 00:48*	*5*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.010	U	0.010	0.0041	mg/L			10/21/25 02:17	1

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: MW-46I
Lab Sample ID: 480-233645-13
Date Collected: 10/14/25 12:35
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/22/25 05:24	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 05:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/22/25 05:24	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/22/25 05:24	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/22/25 05:24	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/22/25 05:24	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/22/25 05:24	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/22/25 05:24	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/22/25 05:24	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/22/25 05:24	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 05:24	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/22/25 05:24	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/22/25 05:24	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/22/25 05:24	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/22/25 05:24	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/22/25 05:24	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/22/25 05:24	1
Acetone	10	U	10	3.0	ug/L			10/22/25 05:24	1
Benzene	**89**		1.0	0.41	ug/L			10/22/25 05:24	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/22/25 05:24	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/22/25 05:24	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/22/25 05:24	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/22/25 05:24	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/22/25 05:24	1
Chlorobenzene	**4.0**		1.0	0.75	ug/L			10/22/25 05:24	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/22/25 05:24	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/22/25 05:24	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/22/25 05:24	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/22/25 05:24	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/22/25 05:24	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/22/25 05:24	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/22/25 05:24	1
Dichlorodifluoromethane	1.0	U J	1.0	0.68	ug/L			10/22/25 05:24	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/22/25 05:24	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/22/25 05:24	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/22/25 05:24	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/22/25 05:24	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/22/25 05:24	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/22/25 05:24	1
Styrene	1.0	U	1.0	0.73	ug/L			10/22/25 05:24	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/22/25 05:24	1
Toluene	1.0	U	1.0	0.51	ug/L			10/22/25 05:24	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/22/25 05:24	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/22/25 05:24	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/22/25 05:24	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/22/25 05:24	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/22/25 05:24	1
Xylenes, Total	**3.9**		2.0	0.66	ug/L			10/22/25 05:24	1

Client Sample ID: MW-46I
Lab Sample ID: 480-233645-13

Date Collected: 10/14/25 12:35
Matrix: Water

Date Received: 10/16/25 09:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*92*		*77 - 120*		*10/22/25 05:24*	*1*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*		*10/22/25 05:24*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 123*		*10/22/25 05:24*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*10/22/25 05:24*	*1*

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	**0.31**	**J**	4.8	0.033	ug/L		10/20/25 09:28	10/22/25 01:14	1
bis (2-chloroisopropyl) ether	4.8	U J	4.8	0.083	ug/L		10/20/25 09:28	10/22/25 01:14	1
2,4,5-Trichlorophenol	4.8	U	4.8	0.063	ug/L		10/20/25 09:28	10/22/25 01:14	1
2,4,6-Trichlorophenol	4.8	U	4.8	0.069	ug/L		10/20/25 09:28	10/22/25 01:14	1
2,4-Dichlorophenol	0.48	U	0.48	0.054	ug/L		10/20/25 09:28	10/22/25 01:14	1
2,4-Dimethylphenol	0.96	U	0.96	0.29	ug/L		10/20/25 09:28	10/22/25 01:14	1
2,4-Dinitrophenol	4.8	U	4.8	0.58	ug/L		10/20/25 09:28	10/22/25 01:14	1
2,4-Dinitrotoluene	4.8	U	4.8	0.033	ug/L		10/20/25 09:28	10/22/25 01:14	1
2,6-Dinitrotoluene	4.8	U	4.8	0.088	ug/L		10/20/25 09:28	10/22/25 01:14	1
2-Chloronaphthalene	0.48	U	0.48	0.063	ug/L		10/20/25 09:28	10/22/25 01:14	1
2-Chlorophenol	4.8	U	4.8	0.063	ug/L		10/20/25 09:28	10/22/25 01:14	1
2-Methylnaphthalene	**0.12**	**J**	0.48	0.050	ug/L		10/20/25 09:28	10/22/25 01:14	1
2-Methylphenol	0.96	U	0.96	0.13	ug/L		10/20/25 09:28	10/22/25 01:14	1
2-Nitroaniline	4.8	U J	4.8	0.091	ug/L		10/20/25 09:28	10/22/25 01:14	1
2-Nitrophenol	4.8	U	4.8	0.060	ug/L		10/20/25 09:28	10/22/25 01:14	1
3,3'-Dichlorobenzidine	4.8	U	4.8	0.21	ug/L		10/20/25 09:28	10/22/25 01:14	1
3-Nitroaniline	4.8	U	4.8	0.13	ug/L		10/20/25 09:28	10/22/25 01:14	1
4,6-Dinitro-2-methylphenol	4.8	U	4.8	0.71	ug/L		10/20/25 09:28	10/22/25 01:14	1
4-Bromophenyl phenyl ether	4.8	U	4.8	0.088	ug/L		10/20/25 09:28	10/22/25 01:14	1
4-Chloro-3-methylphenol	4.8	U	4.8	0.051	ug/L		10/20/25 09:28	10/22/25 01:14	1
4-Chloroaniline	4.8	U	4.8	0.13	ug/L		10/20/25 09:28	10/22/25 01:14	1
4-Chlorophenyl phenyl ether	4.8	U	4.8	0.044	ug/L		10/20/25 09:28	10/22/25 01:14	1
4-Methylphenol	0.96	U	0.96	0.090	ug/L		10/20/25 09:28	10/22/25 01:14	1
4-Nitroaniline	4.8	U	4.8	0.024	ug/L		10/20/25 09:28	10/22/25 01:14	1
4-Nitrophenol	4.8	U	4.8	0.38	ug/L		10/20/25 09:28	10/22/25 01:14	1
Acenaphthene	**6.8**		0.48	0.035	ug/L		10/20/25 09:28	10/22/25 01:14	1
Acenaphthylene	**0.13**	**J**	0.29	0.054	ug/L		10/20/25 09:28	10/22/25 01:14	1
Acetophenone	4.8	U	4.8	0.096	ug/L		10/20/25 09:28	10/22/25 01:14	1
Anthracene	**0.19**	**J**	0.48	0.033	ug/L		10/20/25 09:28	10/22/25 01:14	1
Atrazine	1.9	U J	1.9	0.28	ug/L		10/20/25 09:28	10/22/25 01:14	1
Benzaldehyde	4.8	U	4.8	0.072	ug/L		10/20/25 09:28	10/22/25 01:14	1
Benzo(a)anthracene	0.29	U	0.29	0.033	ug/L		10/20/25 09:28	10/22/25 01:14	1
Benzo(a)pyrene	0.17	U	0.17	0.13	ug/L		10/20/25 09:28	10/22/25 01:14	1
Benzo(b)fluoranthene	0.29	U	0.29	0.061	ug/L		10/20/25 09:28	10/22/25 01:14	1
Benzo(g,h,i)perylene	0.48	U	0.48	0.056	ug/L		10/20/25 09:28	10/22/25 01:14	1
Benzo(k)fluoranthene	0.29	U	0.29	0.067	ug/L		10/20/25 09:28	10/22/25 01:14	1
Bis(2-chloroethoxy)methane	4.8	U	4.8	0.062	ug/L		10/20/25 09:28	10/22/25 01:14	1
Bis(2-chloroethyl)ether	4.8	U	4.8	0.069	ug/L		10/20/25 09:28	10/22/25 01:14	1
Bis(2-ethylhexyl) phthalate	4.8	U	4.8	0.40	ug/L		10/20/25 09:28	10/22/25 01:14	1
Butyl benzyl phthalate	2.9	U	2.9	0.15	ug/L		10/20/25 09:28	10/22/25 01:14	1
Caprolactam	4.8	U J	4.8	0.21	ug/L		10/20/25 09:28	10/22/25 01:14	1
Carbazole	**0.097**	**J**	4.8	0.076	ug/L		10/20/25 09:28	10/22/25 01:14	1
Chrysene	0.48	U	0.48	0.071	ug/L		10/20/25 09:28	10/22/25 01:14	1

Client Sample ID: MW-46I
Lab Sample ID: 480-233645-13
Date Collected: 10/14/25 12:35
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	0.48	U	0.48	0.067	ug/L		10/20/25 09:28	10/22/25 01:14	1
Dibenzofuran	**0.24**	**J**	4.8	0.058	ug/L		10/20/25 09:28	10/22/25 01:14	1
Diethyl phthalate	**0.10**	**J**	0.48	0.062	ug/L		10/20/25 09:28	10/22/25 01:14	1
Dimethyl phthalate	0.48	U	0.48	0.055	ug/L		10/20/25 09:28	10/22/25 01:14	1
Di-n-butyl phthalate	1.9	U	1.9	0.34	ug/L		10/20/25 09:28	10/22/25 01:14	1
Di-n-octyl phthalate	4.8	U	4.8	0.19	ug/L		10/20/25 09:28	10/22/25 01:14	1
Fluoranthene	**0.11**	**J**	0.48	0.077	ug/L		10/20/25 09:28	10/22/25 01:14	1
Fluorene	**2.0**		0.48	0.056	ug/L		10/20/25 09:28	10/22/25 01:14	1
Hexachlorobenzene	0.48	U	0.48	0.21	ug/L		10/20/25 09:28	10/22/25 01:14	1
Hexachlorobutadiene	0.96	U J	0.96	0.096	ug/L		10/20/25 09:28	10/22/25 01:14	1
Hexachlorocyclopentadiene	0.96	U	0.96	0.088	ug/L		10/20/25 09:28	10/22/25 01:14	1
Hexachloroethane	4.8	U	4.8	0.085	ug/L		10/20/25 09:28	10/22/25 01:14	1
Indeno(1,2,3-cd)pyrene	0.48	U	0.48	0.11	ug/L		10/20/25 09:28	10/22/25 01:14	1
Isophorone	0.48	U	0.48	0.049	ug/L		10/20/25 09:28	10/22/25 01:14	1
Naphthalene	**1.8**		0.96	0.062	ug/L		10/20/25 09:28	10/22/25 01:14	1
Nitrobenzene	0.48	U	0.48	0.063	ug/L		10/20/25 09:28	10/22/25 01:14	1
N-Nitrosodi-n-propylamine	4.8	U J	4.8	0.058	ug/L		10/20/25 09:28	10/22/25 01:14	1
N-Nitrosodiphenylamine	4.8	U	4.8	0.067	ug/L		10/20/25 09:28	10/22/25 01:14	1
Pentachlorophenol	0.96	U J	0.96	0.33	ug/L		10/20/25 09:28	10/22/25 01:14	1
Phenanthrene	**1.9**		0.19	0.060	ug/L		10/20/25 09:28	10/22/25 01:14	1
Phenol	**0.36**	**J**	0.96	0.096	ug/L		10/20/25 09:28	10/22/25 01:14	1
Pyrene	**0.16**	**J**	0.48	0.073	ug/L		10/20/25 09:28	10/22/25 01:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*31*		*26 - 120*	*10/20/25 09:28*	*10/22/25 01:14*	*1*
p-Terphenyl-d14	*66*		*64 - 127*	*10/20/25 09:28*	*10/22/25 01:14*	*1*
Phenol-d5	*14*		*11 - 120*	*10/20/25 09:28*	*10/22/25 01:14*	*1*
2-Fluorophenol	*21*		*10 - 120*	*10/20/25 09:28*	*10/22/25 01:14*	*1*
2,4,6-Tribromophenol	*69*		*24 - 146*	*10/20/25 09:28*	*10/22/25 01:14*	*1*
2-Fluorobiphenyl	*42*		*37 - 120*	*10/20/25 09:28*	*10/22/25 01:14*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.0043**	**J**	0.010	0.0041	mg/L			10/21/25 02:19	1

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: BD-20251015
Lab Sample ID: 480-233645-14
Date Collected: 10/15/25 00:00
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/22/25 05:49	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 05:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/22/25 05:49	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/22/25 05:49	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/22/25 05:49	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/22/25 05:49	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/22/25 05:49	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/22/25 05:49	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/22/25 05:49	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/22/25 05:49	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 05:49	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/22/25 05:49	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/22/25 05:49	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/22/25 05:49	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/22/25 05:49	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/22/25 05:49	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/22/25 05:49	1
Acetone	10	U	10	3.0	ug/L			10/22/25 05:49	1
Benzene	1.0	U	1.0	0.41	ug/L			10/22/25 05:49	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/22/25 05:49	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/22/25 05:49	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/22/25 05:49	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/22/25 05:49	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/22/25 05:49	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/22/25 05:49	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/22/25 05:49	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/22/25 05:49	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/22/25 05:49	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/22/25 05:49	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/22/25 05:49	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/22/25 05:49	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/22/25 05:49	1
Dichlorodifluoromethane	1.0	U J	1.0	0.68	ug/L			10/22/25 05:49	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/22/25 05:49	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/22/25 05:49	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/22/25 05:49	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/22/25 05:49	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/22/25 05:49	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/22/25 05:49	1
Styrene	1.0	U	1.0	0.73	ug/L			10/22/25 05:49	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/22/25 05:49	1
Toluene	1.0	U	1.0	0.51	ug/L			10/22/25 05:49	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/22/25 05:49	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/22/25 05:49	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/22/25 05:49	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/22/25 05:49	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/22/25 05:49	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/22/25 05:49	1

Client: Arcadis US Inc
Project/Site: NYSEG Mechanicville Project

Job ID: 480-233645-1

Client Sample ID: BD-20251015
Date Collected: 10/15/25 00:00
Date Received: 10/16/25 09:45

Lab Sample ID: 480-233645-14
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*77 - 120*		*10/22/25 05:49*	*1*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*10/22/25 05:49*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 123*		*10/22/25 05:49*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*10/22/25 05:49*	*1*

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	4.8	U	4.8	0.032	ug/L		10/20/25 09:28	10/22/25 01:40	1
bis (2-chloroisopropyl) ether	4.8	U J	4.8	0.082	ug/L		10/20/25 09:28	10/22/25 01:40	1
2,4,5-Trichlorophenol	4.8	U	4.8	0.062	ug/L		10/20/25 09:28	10/22/25 01:40	1
2,4,6-Trichlorophenol	4.8	U	4.8	0.069	ug/L		10/20/25 09:28	10/22/25 01:40	1
2,4-Dichlorophenol	0.48	U	0.48	0.053	ug/L		10/20/25 09:28	10/22/25 01:40	1
2,4-Dimethylphenol	0.95	U	0.95	0.29	ug/L		10/20/25 09:28	10/22/25 01:40	1
2,4-Dinitrophenol	4.8	U	4.8	0.57	ug/L		10/20/25 09:28	10/22/25 01:40	1
2,4-Dinitrotoluene	4.8	U	4.8	0.032	ug/L		10/20/25 09:28	10/22/25 01:40	1
2,6-Dinitrotoluene	4.8	U	4.8	0.087	ug/L		10/20/25 09:28	10/22/25 01:40	1
2-Chloronaphthalene	0.48	U	0.48	0.063	ug/L		10/20/25 09:28	10/22/25 01:40	1
2-Chlorophenol	4.8	U	4.8	0.063	ug/L		10/20/25 09:28	10/22/25 01:40	1
2-Methylnaphthalene	0.48	U	0.48	0.050	ug/L		10/20/25 09:28	10/22/25 01:40	1
2-Methylphenol	0.95	U	0.95	0.13	ug/L		10/20/25 09:28	10/22/25 01:40	1
2-Nitroaniline	4.8	U J	4.8	0.090	ug/L		10/20/25 09:28	10/22/25 01:40	1
2-Nitrophenol	4.8	U	4.8	0.059	ug/L		10/20/25 09:28	10/22/25 01:40	1
3,3'-Dichlorobenzidine	4.8	U	4.8	0.21	ug/L		10/20/25 09:28	10/22/25 01:40	1
3-Nitroaniline	4.8	U	4.8	0.12	ug/L		10/20/25 09:28	10/22/25 01:40	1
4,6-Dinitro-2-methylphenol	4.8	U	4.8	0.70	ug/L		10/20/25 09:28	10/22/25 01:40	1
4-Bromophenyl phenyl ether	4.8	U	4.8	0.087	ug/L		10/20/25 09:28	10/22/25 01:40	1
4-Chloro-3-methylphenol	4.8	U	4.8	0.050	ug/L		10/20/25 09:28	10/22/25 01:40	1
4-Chloroaniline	4.8	U	4.8	0.12	ug/L		10/20/25 09:28	10/22/25 01:40	1
4-Chlorophenyl phenyl ether	4.8	U	4.8	0.044	ug/L		10/20/25 09:28	10/22/25 01:40	1
4-Methylphenol	0.95	U	0.95	0.090	ug/L		10/20/25 09:28	10/22/25 01:40	1
4-Nitroaniline	4.8	U	4.8	0.024	ug/L		10/20/25 09:28	10/22/25 01:40	1
4-Nitrophenol	4.8	U	4.8	0.37	ug/L		10/20/25 09:28	10/22/25 01:40	1
Acenaphthene	0.48	U	0.48	0.034	ug/L		10/20/25 09:28	10/22/25 01:40	1
Acenaphthylene	0.29	U	0.29	0.053	ug/L		10/20/25 09:28	10/22/25 01:40	1
Acetophenone	4.8	U	4.8	0.095	ug/L		10/20/25 09:28	10/22/25 01:40	1
Anthracene	0.48	U	0.48	0.032	ug/L		10/20/25 09:28	10/22/25 01:40	1
Atrazine	1.9	U J	1.9	0.28	ug/L		10/20/25 09:28	10/22/25 01:40	1
Benzaldehyde	4.8	U	4.8	0.071	ug/L		10/20/25 09:28	10/22/25 01:40	1
Benzo(a)anthracene	0.29	U	0.29	0.032	ug/L		10/20/25 09:28	10/22/25 01:40	1
Benzo(a)pyrene	0.17	U	0.17	0.12	ug/L		10/20/25 09:28	10/22/25 01:40	1
Benzo(b)fluoranthene	0.29	U	0.29	0.060	ug/L		10/20/25 09:28	10/22/25 01:40	1
Benzo(g,h,i)perylene	0.48	U	0.48	0.055	ug/L		10/20/25 09:28	10/22/25 01:40	1
Benzo(k)fluoranthene	0.29	U	0.29	0.067	ug/L		10/20/25 09:28	10/22/25 01:40	1
Bis(2-chloroethoxy)methane	4.8	U	4.8	0.061	ug/L		10/20/25 09:28	10/22/25 01:40	1
Bis(2-chloroethyl)ether	4.8	U	4.8	0.069	ug/L		10/20/25 09:28	10/22/25 01:40	1
Bis(2-ethylhexyl) phthalate	4.8	U	4.8	0.40	ug/L		10/20/25 09:28	10/22/25 01:40	1
Butyl benzyl phthalate	2.9	U	2.9	0.15	ug/L		10/20/25 09:28	10/22/25 01:40	1
Caprolactam	**0.26**	J*	4.8	0.21	ug/L		10/20/25 09:28	10/22/25 01:40	1
Carbazole	4.8	U	4.8	0.075	ug/L		10/20/25 09:28	10/22/25 01:40	1
Chrysene	0.48	U	0.48	0.070	ug/L		10/20/25 09:28	10/22/25 01:40	1

Client Sample ID: BD-20251015
Lab Sample ID: 480-233645-14
Date Collected: 10/15/25 00:00
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	0.48	U	0.48	0.067	ug/L		10/20/25 09:28	10/22/25 01:40	1
Dibenzofuran	4.8	U	4.8	0.057	ug/L		10/20/25 09:28	10/22/25 01:40	1
Diethyl phthalate	**0.076**	**J**	0.48	0.061	ug/L		10/20/25 09:28	10/22/25 01:40	1
Dimethyl phthalate	0.48	U	0.48	0.054	ug/L		10/20/25 09:28	10/22/25 01:40	1
Di-n-butyl phthalate	1.9	U	1.9	0.33	ug/L		10/20/25 09:28	10/22/25 01:40	1
Di-n-octyl phthalate	4.8	U	4.8	0.19	ug/L		10/20/25 09:28	10/22/25 01:40	1
Fluoranthene	0.48	U	0.48	0.076	ug/L		10/20/25 09:28	10/22/25 01:40	1
Fluorene	0.48	U	0.48	0.055	ug/L		10/20/25 09:28	10/22/25 01:40	1
Hexachlorobenzene	0.48	U	0.48	0.21	ug/L		10/20/25 09:28	10/22/25 01:40	1
Hexachlorobutadiene	0.95	U J	0.95	0.095	ug/L		10/20/25 09:28	10/22/25 01:40	1
Hexachlorocyclopentadiene	0.95	U	0.95	0.087	ug/L		10/20/25 09:28	10/22/25 01:40	1
Hexachloroethane	4.8	U	4.8	0.084	ug/L		10/20/25 09:28	10/22/25 01:40	1
Indeno(1,2,3-cd)pyrene	0.48	U	0.48	0.10	ug/L		10/20/25 09:28	10/22/25 01:40	1
Isophorone	0.48	U	0.48	0.049	ug/L		10/20/25 09:28	10/22/25 01:40	1
Naphthalene	0.95	U	0.95	0.061	ug/L		10/20/25 09:28	10/22/25 01:40	1
Nitrobenzene	0.48	U	0.48	0.062	ug/L		10/20/25 09:28	10/22/25 01:40	1
N-Nitrosodi-n-propylamine	4.8	U J	4.8	0.057	ug/L		10/20/25 09:28	10/22/25 01:40	1
N-Nitrosodiphenylamine	4.8	U	4.8	0.067	ug/L		10/20/25 09:28	10/22/25 01:40	1
Pentachlorophenol	0.95	U J	0.95	0.32	ug/L		10/20/25 09:28	10/22/25 01:40	1
Phenanthrene	0.19	U	0.19	0.059	ug/L		10/20/25 09:28	10/22/25 01:40	1
Phenol	0.95	U	0.95	0.095	ug/L		10/20/25 09:28	10/22/25 01:40	1
Pyrene	0.48	U	0.48	0.072	ug/L		10/20/25 09:28	10/22/25 01:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*43*		*26 - 120*	*10/20/25 09:28*	*10/22/25 01:40*	*1*
p-Terphenyl-d14	*80*		*64 - 127*	*10/20/25 09:28*	*10/22/25 01:40*	*1*
Phenol-d5	*16*		*11 - 120*	*10/20/25 09:28*	*10/22/25 01:40*	*1*
2-Fluorophenol	*25*		*10 - 120*	*10/20/25 09:28*	*10/22/25 01:40*	*1*
2,4,6-Tribromophenol	*89*		*24 - 146*	*10/20/25 09:28*	*10/22/25 01:40*	*1*
2-Fluorobiphenyl	*54*		*37 - 120*	*10/20/25 09:28*	*10/22/25 01:40*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.0045**	**J**	0.010	0.0041	mg/L			10/21/25 02:22	1

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: EB-20251014
Lab Sample ID: 480-233645-15
Date Collected: 10/14/25 13:00
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/22/25 06:13	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 06:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/22/25 06:13	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/22/25 06:13	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/22/25 06:13	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/22/25 06:13	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/22/25 06:13	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/22/25 06:13	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/22/25 06:13	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/22/25 06:13	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 06:13	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/22/25 06:13	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/22/25 06:13	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/22/25 06:13	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/22/25 06:13	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/22/25 06:13	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/22/25 06:13	1
Acetone	10	U	10	3.0	ug/L			10/22/25 06:13	1
Benzene	1.0	U	1.0	0.41	ug/L			10/22/25 06:13	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/22/25 06:13	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/22/25 06:13	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/22/25 06:13	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/22/25 06:13	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/22/25 06:13	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/22/25 06:13	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/22/25 06:13	1
Chloroform	0.49	J ~~B~~	1.0	0.34	ug/L			10/22/25 06:13	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/22/25 06:13	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/22/25 06:13	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/22/25 06:13	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/22/25 06:13	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/22/25 06:13	1
Dichlorodifluoromethane	1.0	U J	1.0	0.68	ug/L			10/22/25 06:13	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/22/25 06:13	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/22/25 06:13	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/22/25 06:13	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/22/25 06:13	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/22/25 06:13	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/22/25 06:13	1
Styrene	1.0	U	1.0	0.73	ug/L			10/22/25 06:13	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/22/25 06:13	1
Toluene	1.0	U	1.0	0.51	ug/L			10/22/25 06:13	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/22/25 06:13	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/22/25 06:13	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/22/25 06:13	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/22/25 06:13	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/22/25 06:13	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/22/25 06:13	1

Client Sample ID: EB-20251014
Lab Sample ID: 480-233645-15
Date Collected: 10/14/25 13:00
Matrix: Water
Date Received: 10/16/25 09:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*91*		*77 - 120*		*10/22/25 06:13*	*1*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*10/22/25 06:13*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 123*		*10/22/25 06:13*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*10/22/25 06:13*	*1*

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	6.0	U	6.0	0.040	ug/L		10/20/25 09:28	10/22/25 02:06	1
bis (2-chloroisopropyl) ether	6.0	U J	6.0	0.10	ug/L		10/20/25 09:28	10/22/25 02:06	1
2,4,5-Trichlorophenol	6.0	U	6.0	0.077	ug/L		10/20/25 09:28	10/22/25 02:06	1
2,4,6-Trichlorophenol	6.0	U	6.0	0.086	ug/L		10/20/25 09:28	10/22/25 02:06	1
2,4-Dichlorophenol	0.60	U	0.60	0.067	ug/L		10/20/25 09:28	10/22/25 02:06	1
2,4-Dimethylphenol	1.2	U	1.2	0.36	ug/L		10/20/25 09:28	10/22/25 02:06	1
2,4-Dinitrophenol	6.0	U	6.0	0.71	ug/L		10/20/25 09:28	10/22/25 02:06	1
2,4-Dinitrotoluene	6.0	U	6.0	0.040	ug/L		10/20/25 09:28	10/22/25 02:06	1
2,6-Dinitrotoluene	6.0	U	6.0	0.11	ug/L		10/20/25 09:28	10/22/25 02:06	1
2-Chloronaphthalene	0.60	U	0.60	0.079	ug/L		10/20/25 09:28	10/22/25 02:06	1
2-Chlorophenol	6.0	U	6.0	0.079	ug/L		10/20/25 09:28	10/22/25 02:06	1
2-Methylnaphthalene	0.60	U	0.60	0.062	ug/L		10/20/25 09:28	10/22/25 02:06	1
2-Methylphenol	1.2	U	1.2	0.17	ug/L		10/20/25 09:28	10/22/25 02:06	1
2-Nitroaniline	6.0	U J	6.0	0.11	ug/L		10/20/25 09:28	10/22/25 02:06	1
2-Nitrophenol	6.0	U	6.0	0.074	ug/L		10/20/25 09:28	10/22/25 02:06	1
3,3'-Dichlorobenzidine	6.0	U	6.0	0.26	ug/L		10/20/25 09:28	10/22/25 02:06	1
3-Nitroaniline	6.0	U	6.0	0.15	ug/L		10/20/25 09:28	10/22/25 02:06	1
4,6-Dinitro-2-methylphenol	6.0	U	6.0	0.88	ug/L		10/20/25 09:28	10/22/25 02:06	1
4-Bromophenyl phenyl ether	6.0	U	6.0	0.11	ug/L		10/20/25 09:28	10/22/25 02:06	1
4-Chloro-3-methylphenol	6.0	U	6.0	0.063	ug/L		10/20/25 09:28	10/22/25 02:06	1
4-Chloroaniline	6.0	U	6.0	0.15	ug/L		10/20/25 09:28	10/22/25 02:06	1
4-Chlorophenyl phenyl ether	6.0	U	6.0	0.055	ug/L		10/20/25 09:28	10/22/25 02:06	1
4-Methylphenol	1.2	U	1.2	0.11	ug/L		10/20/25 09:28	10/22/25 02:06	1
4-Nitroaniline	6.0	U	6.0	0.030	ug/L		10/20/25 09:28	10/22/25 02:06	1
4-Nitrophenol	6.0	U	6.0	0.46	ug/L		10/20/25 09:28	10/22/25 02:06	1
Acenaphthene	0.60	U	0.60	0.043	ug/L		10/20/25 09:28	10/22/25 02:06	1
Acenaphthylene	0.36	U	0.36	0.067	ug/L		10/20/25 09:28	10/22/25 02:06	1
Acetophenone	6.0	U	6.0	0.12	ug/L		10/20/25 09:28	10/22/25 02:06	1
Anthracene	0.60	U	0.60	0.040	ug/L		10/20/25 09:28	10/22/25 02:06	1
Atrazine	2.4	U J	2.4	0.35	ug/L		10/20/25 09:28	10/22/25 02:06	1
Benzaldehyde	6.0	U	6.0	0.089	ug/L		10/20/25 09:28	10/22/25 02:06	1
Benzo(a)anthracene	0.36	U	0.36	0.040	ug/L		10/20/25 09:28	10/22/25 02:06	1
Benzo(a)pyrene	0.21	U	0.21	0.15	ug/L		10/20/25 09:28	10/22/25 02:06	1
Benzo(b)fluoranthene	0.36	U	0.36	0.075	ug/L		10/20/25 09:28	10/22/25 02:06	1
Benzo(g,h,i)perylene	0.60	U	0.60	0.069	ug/L		10/20/25 09:28	10/22/25 02:06	1
Benzo(k)fluoranthene	0.36	U	0.36	0.083	ug/L		10/20/25 09:28	10/22/25 02:06	1
Bis(2-chloroethoxy)methane	6.0	U	6.0	0.076	ug/L		10/20/25 09:28	10/22/25 02:06	1
Bis(2-chloroethyl)ether	6.0	U	6.0	0.086	ug/L		10/20/25 09:28	10/22/25 02:06	1
Bis(2-ethylhexyl) phthalate	6.0	U	6.0	0.50	ug/L		10/20/25 09:28	10/22/25 02:06	1
Butyl benzyl phthalate	3.6	U	3.6	0.19	ug/L		10/20/25 09:28	10/22/25 02:06	1
Caprolactam	6.0	U J	6.0	0.26	ug/L		10/20/25 09:28	10/22/25 02:06	1
Carbazole	6.0	U	6.0	0.094	ug/L		10/20/25 09:28	10/22/25 02:06	1
Chrysene	0.60	U	0.60	0.088	ug/L		10/20/25 09:28	10/22/25 02:06	1

Client Sample ID: EB-20251014
Lab Sample ID: 480-233645-15
Date Collected: 10/14/25 13:00
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	0.60	U	0.60	0.083	ug/L		10/20/25 09:28	10/22/25 02:06	1
Dibenzofuran	6.0	U	6.0	0.071	ug/L		10/20/25 09:28	10/22/25 02:06	1
Diethyl phthalate	0.60	U	0.60	0.076	ug/L		10/20/25 09:28	10/22/25 02:06	1
Dimethyl phthalate	0.60	U	0.60	0.068	ug/L		10/20/25 09:28	10/22/25 02:06	1
Di-n-butyl phthalate	2.4	U	2.4	0.42	ug/L		10/20/25 09:28	10/22/25 02:06	1
Di-n-octyl phthalate	6.0	U	6.0	0.24	ug/L		10/20/25 09:28	10/22/25 02:06	1
Fluoranthene	0.60	U	0.60	0.095	ug/L		10/20/25 09:28	10/22/25 02:06	1
Fluorene	0.60	U	0.60	0.069	ug/L		10/20/25 09:28	10/22/25 02:06	1
Hexachlorobenzene	0.60	U	0.60	0.26	ug/L		10/20/25 09:28	10/22/25 02:06	1
Hexachlorobutadiene	1.2	U J	1.2	0.12	ug/L		10/20/25 09:28	10/22/25 02:06	1
Hexachlorocyclopentadiene	1.2	U	1.2	0.11	ug/L		10/20/25 09:28	10/22/25 02:06	1
Hexachloroethane	6.0	U	6.0	0.10	ug/L		10/20/25 09:28	10/22/25 02:06	1
Indeno(1,2,3-cd)pyrene	0.60	U	0.60	0.13	ug/L		10/20/25 09:28	10/22/25 02:06	1
Isophorone	0.60	U	0.60	0.061	ug/L		10/20/25 09:28	10/22/25 02:06	1
Naphthalene	1.2	U	1.2	0.076	ug/L		10/20/25 09:28	10/22/25 02:06	1
Nitrobenzene	0.60	U	0.60	0.077	ug/L		10/20/25 09:28	10/22/25 02:06	1
N-Nitrosodi-n-propylamine	6.0	U J	6.0	0.071	ug/L		10/20/25 09:28	10/22/25 02:06	1
N-Nitrosodiphenylamine	6.0	U	6.0	0.083	ug/L		10/20/25 09:28	10/22/25 02:06	1
Pentachlorophenol	1.2	U J	1.2	0.41	ug/L		10/20/25 09:28	10/22/25 02:06	1
Phenanthrene	0.24	U	0.24	0.074	ug/L		10/20/25 09:28	10/22/25 02:06	1
Phenol	1.2	U	1.2	0.12	ug/L		10/20/25 09:28	10/22/25 02:06	1
Pyrene	0.60	U	0.60	0.090	ug/L		10/20/25 09:28	10/22/25 02:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*39*		*26 - 120*	*10/20/25 09:28*	*10/22/25 02:06*	*1*
p-Terphenyl-d14	*85*		*64 - 127*	*10/20/25 09:28*	*10/22/25 02:06*	*1*
Phenol-d5	*18*		*11 - 120*	*10/20/25 09:28*	*10/22/25 02:06*	*1*
2-Fluorophenol	*27*		*10 - 120*	*10/20/25 09:28*	*10/22/25 02:06*	*1*
2,4,6-Tribromophenol	*66*		*24 - 146*	*10/20/25 09:28*	*10/22/25 02:06*	*1*
2-Fluorobiphenyl	*49*		*37 - 120*	*10/20/25 09:28*	*10/22/25 02:06*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.010	U	0.010	0.0041	mg/L			10/21/25 02:25	1

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: EB-20251015
Lab Sample ID: 480-233645-16
Date Collected: 10/15/25 13:00
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/22/25 06:37	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 06:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/22/25 06:37	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/22/25 06:37	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/22/25 06:37	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/22/25 06:37	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/22/25 06:37	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/22/25 06:37	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/22/25 06:37	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/22/25 06:37	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 06:37	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/22/25 06:37	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/22/25 06:37	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/22/25 06:37	1
2-Butanone (MEK)	**2.1**	**J**	10	1.3	ug/L			10/22/25 06:37	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/22/25 06:37	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/22/25 06:37	1
Acetone	**10**		10	3.0	ug/L			10/22/25 06:37	1
Benzene	1.0	U	1.0	0.41	ug/L			10/22/25 06:37	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/22/25 06:37	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/22/25 06:37	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/22/25 06:37	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/22/25 06:37	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/22/25 06:37	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/22/25 06:37	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/22/25 06:37	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/22/25 06:37	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/22/25 06:37	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/22/25 06:37	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/22/25 06:37	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/22/25 06:37	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/22/25 06:37	1
Dichlorodifluoromethane	1.0	U J	1.0	0.68	ug/L			10/22/25 06:37	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/22/25 06:37	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/22/25 06:37	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/22/25 06:37	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/22/25 06:37	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/22/25 06:37	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/22/25 06:37	1
Styrene	1.0	U	1.0	0.73	ug/L			10/22/25 06:37	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/22/25 06:37	1
Toluene	1.0	U	1.0	0.51	ug/L			10/22/25 06:37	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/22/25 06:37	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/22/25 06:37	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/22/25 06:37	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/22/25 06:37	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/22/25 06:37	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/22/25 06:37	1

Client Sample ID: EB-20251015
Lab Sample ID: 480-233645-16
Date Collected: 10/15/25 13:00
Matrix: Water
Date Received: 10/16/25 09:45

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*77 - 120*		*10/22/25 06:37*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*10/22/25 06:37*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 123*		*10/22/25 06:37*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*10/22/25 06:37*	*1*

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	4.8	U	4.8	0.032	ug/L		10/20/25 09:28	10/22/25 02:32	1
bis (2-chloroisopropyl) ether	4.8	U J	4.8	0.082	ug/L		10/20/25 09:28	10/22/25 02:32	1
2,4,5-Trichlorophenol	4.8	U	4.8	0.062	ug/L		10/20/25 09:28	10/22/25 02:32	1
2,4,6-Trichlorophenol	4.8	U	4.8	0.069	ug/L		10/20/25 09:28	10/22/25 02:32	1
2,4-Dichlorophenol	0.48	U	0.48	0.053	ug/L		10/20/25 09:28	10/22/25 02:32	1
2,4-Dimethylphenol	0.95	U	0.95	0.29	ug/L		10/20/25 09:28	10/22/25 02:32	1
2,4-Dinitrophenol	4.8	U	4.8	0.57	ug/L		10/20/25 09:28	10/22/25 02:32	1
2,4-Dinitrotoluene	4.8	U	4.8	0.032	ug/L		10/20/25 09:28	10/22/25 02:32	1
2,6-Dinitrotoluene	4.8	U	4.8	0.087	ug/L		10/20/25 09:28	10/22/25 02:32	1
2-Chloronaphthalene	0.48	U	0.48	0.063	ug/L		10/20/25 09:28	10/22/25 02:32	1
2-Chlorophenol	4.8	U	4.8	0.063	ug/L		10/20/25 09:28	10/22/25 02:32	1
2-Methylnaphthalene	0.48	U	0.48	0.050	ug/L		10/20/25 09:28	10/22/25 02:32	1
2-Methylphenol	0.95	U	0.95	0.13	ug/L		10/20/25 09:28	10/22/25 02:32	1
2-Nitroaniline	4.8	U J	4.8	0.090	ug/L		10/20/25 09:28	10/22/25 02:32	1
2-Nitrophenol	4.8	U	4.8	0.059	ug/L		10/20/25 09:28	10/22/25 02:32	1
3,3'-Dichlorobenzidine	4.8	U	4.8	0.21	ug/L		10/20/25 09:28	10/22/25 02:32	1
3-Nitroaniline	4.8	U	4.8	0.12	ug/L		10/20/25 09:28	10/22/25 02:32	1
4,6-Dinitro-2-methylphenol	4.8	U	4.8	0.70	ug/L		10/20/25 09:28	10/22/25 02:32	1
4-Bromophenyl phenyl ether	4.8	U	4.8	0.087	ug/L		10/20/25 09:28	10/22/25 02:32	1
4-Chloro-3-methylphenol	4.8	U	4.8	0.050	ug/L		10/20/25 09:28	10/22/25 02:32	1
4-Chloroaniline	4.8	U	4.8	0.12	ug/L		10/20/25 09:28	10/22/25 02:32	1
4-Chlorophenyl phenyl ether	4.8	U	4.8	0.044	ug/L		10/20/25 09:28	10/22/25 02:32	1
4-Methylphenol	0.95	U	0.95	0.090	ug/L		10/20/25 09:28	10/22/25 02:32	1
4-Nitroaniline	4.8	U	4.8	0.024	ug/L		10/20/25 09:28	10/22/25 02:32	1
4-Nitrophenol	4.8	U	4.8	0.37	ug/L		10/20/25 09:28	10/22/25 02:32	1
Acenaphthene	0.48	U	0.48	0.034	ug/L		10/20/25 09:28	10/22/25 02:32	1
Acenaphthylene	0.29	U	0.29	0.053	ug/L		10/20/25 09:28	10/22/25 02:32	1
Acetophenone	**0.14**	**J B**	4.8	0.095	ug/L		10/20/25 09:28	10/22/25 02:32	1
Anthracene	0.48	U	0.48	0.032	ug/L		10/20/25 09:28	10/22/25 02:32	1
Atrazine	1.9	U J	1.9	0.28	ug/L		10/20/25 09:28	10/22/25 02:32	1
Benzaldehyde	**2.2**	**J**	4.8	0.071	ug/L		10/20/25 09:28	10/22/25 02:32	1
Benzo(a)anthracene	0.29	U	0.29	0.032	ug/L		10/20/25 09:28	10/22/25 02:32	1
Benzo(a)pyrene	0.17	U	0.17	0.12	ug/L		10/20/25 09:28	10/22/25 02:32	1
Benzo(b)fluoranthene	0.29	U	0.29	0.060	ug/L		10/20/25 09:28	10/22/25 02:32	1
Benzo(g,h,i)perylene	0.48	U	0.48	0.055	ug/L		10/20/25 09:28	10/22/25 02:32	1
Benzo(k)fluoranthene	0.29	U	0.29	0.067	ug/L		10/20/25 09:28	10/22/25 02:32	1
Bis(2-chloroethoxy)methane	4.8	U	4.8	0.061	ug/L		10/20/25 09:28	10/22/25 02:32	1
Bis(2-chloroethyl)ether	4.8	U	4.8	0.069	ug/L		10/20/25 09:28	10/22/25 02:32	1
Bis(2-ethylhexyl) phthalate	4.8	U	4.8	0.40	ug/L		10/20/25 09:28	10/22/25 02:32	1
Butyl benzyl phthalate	2.9	U	2.9	0.15	ug/L		10/20/25 09:28	10/22/25 02:32	1
Caprolactam	4.8	U J	4.8	0.21	ug/L		10/20/25 09:28	10/22/25 02:32	1
Carbazole	4.8	U	4.8	0.075	ug/L		10/20/25 09:28	10/22/25 02:32	1
Chrysene	0.48	U	0.48	0.070	ug/L		10/20/25 09:28	10/22/25 02:32	1

Client Sample ID: EB-20251015
Lab Sample ID: 480-233645-16
Date Collected: 10/15/25 13:00
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	0.48	U	0.48	0.067	ug/L		10/20/25 09:28	10/22/25 02:32	1
Dibenzofuran	4.8	U	4.8	0.057	ug/L		10/20/25 09:28	10/22/25 02:32	1
Diethyl phthalate	0.48	U	0.48	0.061	ug/L		10/20/25 09:28	10/22/25 02:32	1
Dimethyl phthalate	0.48	U	0.48	0.054	ug/L		10/20/25 09:28	10/22/25 02:32	1
Di-n-butyl phthalate	1.9	U	1.9	0.33	ug/L		10/20/25 09:28	10/22/25 02:32	1
Di-n-octyl phthalate	4.8	U	4.8	0.19	ug/L		10/20/25 09:28	10/22/25 02:32	1
Fluoranthene	0.48	U	0.48	0.076	ug/L		10/20/25 09:28	10/22/25 02:32	1
Fluorene	0.48	U	0.48	0.055	ug/L		10/20/25 09:28	10/22/25 02:32	1
Hexachlorobenzene	0.48	U	0.48	0.21	ug/L		10/20/25 09:28	10/22/25 02:32	1
Hexachlorobutadiene	0.95	U J	0.95	0.095	ug/L		10/20/25 09:28	10/22/25 02:32	1
Hexachlorocyclopentadiene	0.95	U	0.95	0.087	ug/L		10/20/25 09:28	10/22/25 02:32	1
Hexachloroethane	4.8	U	4.8	0.084	ug/L		10/20/25 09:28	10/22/25 02:32	1
Indeno(1,2,3-cd)pyrene	0.48	U	0.48	0.10	ug/L		10/20/25 09:28	10/22/25 02:32	1
Isophorone	0.48	U	0.48	0.049	ug/L		10/20/25 09:28	10/22/25 02:32	1
Naphthalene	0.95	U	0.95	0.061	ug/L		10/20/25 09:28	10/22/25 02:32	1
Nitrobenzene	0.48	U	0.48	0.062	ug/L		10/20/25 09:28	10/22/25 02:32	1
N-Nitrosodi-n-propylamine	4.8	U J	4.8	0.057	ug/L		10/20/25 09:28	10/22/25 02:32	1
N-Nitrosodiphenylamine	4.8	U	4.8	0.067	ug/L		10/20/25 09:28	10/22/25 02:32	1
Pentachlorophenol	0.95	U J	0.95	0.32	ug/L		10/20/25 09:28	10/22/25 02:32	1
Phenanthrene	0.19	U	0.19	0.059	ug/L		10/20/25 09:28	10/22/25 02:32	1
Phenol	0.95	U	0.95	0.095	ug/L		10/20/25 09:28	10/22/25 02:32	1
Pyrene	0.48	U	0.48	0.072	ug/L		10/20/25 09:28	10/22/25 02:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*35*		*26 - 120*	*10/20/25 09:28*	*10/22/25 02:32*	*1*
p-Terphenyl-d14	*73*		*64 - 127*	*10/20/25 09:28*	*10/22/25 02:32*	*1*
Phenol-d5	*14*		*11 - 120*	*10/20/25 09:28*	*10/22/25 02:32*	*1*
2-Fluorophenol	*22*		*10 - 120*	*10/20/25 09:28*	*10/22/25 02:32*	*1*
2,4,6-Tribromophenol	*65*		*24 - 146*	*10/20/25 09:28*	*10/22/25 02:32*	*1*
2-Fluorobiphenyl	*45*		*37 - 120*	*10/20/25 09:28*	*10/22/25 02:32*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.010	U ~~F1~~ J	0.010	0.0041	mg/L			10/21/25 03:21	1

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: TRIP BLANK-1
Lab Sample ID: 480-233645-17
Date Collected: 10/14/25 00:00
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/22/25 07:01	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 07:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/22/25 07:01	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/22/25 07:01	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/22/25 07:01	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/22/25 07:01	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/22/25 07:01	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/22/25 07:01	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/22/25 07:01	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/22/25 07:01	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 07:01	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/22/25 07:01	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/22/25 07:01	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/22/25 07:01	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/22/25 07:01	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/22/25 07:01	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/22/25 07:01	1
Acetone	10	U	10	3.0	ug/L			10/22/25 07:01	1
Benzene	1.0	U	1.0	0.41	ug/L			10/22/25 07:01	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/22/25 07:01	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/22/25 07:01	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/22/25 07:01	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/22/25 07:01	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/22/25 07:01	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/22/25 07:01	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/22/25 07:01	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/22/25 07:01	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/22/25 07:01	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/22/25 07:01	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/22/25 07:01	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/22/25 07:01	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/22/25 07:01	1
Dichlorodifluoromethane	1.0	U J	1.0	0.68	ug/L			10/22/25 07:01	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/22/25 07:01	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/22/25 07:01	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/22/25 07:01	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/22/25 07:01	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/22/25 07:01	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/22/25 07:01	1
Styrene	1.0	U	1.0	0.73	ug/L			10/22/25 07:01	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/22/25 07:01	1
Toluene	1.0	U	1.0	0.51	ug/L			10/22/25 07:01	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/22/25 07:01	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/22/25 07:01	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/22/25 07:01	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/22/25 07:01	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/22/25 07:01	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/22/25 07:01	1

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: TRIP BLANK-1
Lab Sample ID: 480-233645-17
Date Collected: 10/14/25 00:00
Matrix: Water
Date Received: 10/16/25 09:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		77 - 120		10/22/25 07:01	1
4-Bromofluorobenzene (Surr)	92		73 - 120		10/22/25 07:01	1
Dibromofluoromethane (Surr)	95		75 - 123		10/22/25 07:01	1
Toluene-d8 (Surr)	92		80 - 120		10/22/25 07:01	1

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: TRIP BLANK-2
Lab Sample ID: 480-233645-18
Date Collected: 10/14/25 00:00
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/22/25 07:25	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 07:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/22/25 07:25	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/22/25 07:25	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/22/25 07:25	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/22/25 07:25	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/22/25 07:25	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/22/25 07:25	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/22/25 07:25	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/22/25 07:25	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 07:25	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/22/25 07:25	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/22/25 07:25	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/22/25 07:25	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/22/25 07:25	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/22/25 07:25	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/22/25 07:25	1
Acetone	10	U	10	3.0	ug/L			10/22/25 07:25	1
Benzene	1.0	U	1.0	0.41	ug/L			10/22/25 07:25	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/22/25 07:25	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/22/25 07:25	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/22/25 07:25	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/22/25 07:25	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/22/25 07:25	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/22/25 07:25	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/22/25 07:25	1
Chloroform	0.48	J B	1.0	0.34	ug/L			10/22/25 07:25	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/22/25 07:25	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/22/25 07:25	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/22/25 07:25	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/22/25 07:25	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/22/25 07:25	1
Dichlorodifluoromethane	1.0	U J	1.0	0.68	ug/L			10/22/25 07:25	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/22/25 07:25	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/22/25 07:25	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/22/25 07:25	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/22/25 07:25	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/22/25 07:25	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/22/25 07:25	1
Styrene	1.0	U	1.0	0.73	ug/L			10/22/25 07:25	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/22/25 07:25	1
Toluene	1.0	U	1.0	0.51	ug/L			10/22/25 07:25	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/22/25 07:25	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/22/25 07:25	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/22/25 07:25	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/22/25 07:25	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/22/25 07:25	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/22/25 07:25	1

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: TRIP BLANK-2
Lab Sample ID: 480-233645-18
Date Collected: 10/14/25 00:00
Matrix: Water
Date Received: 10/16/25 09:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		77 - 120		10/22/25 07:25	1
4-Bromofluorobenzene (Surr)	100		73 - 120		10/22/25 07:25	1
Dibromofluoromethane (Surr)	92		75 - 123		10/22/25 07:25	1
Toluene-d8 (Surr)	94		80 - 120		10/22/25 07:25	1

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: TRIP BLANK-3
Lab Sample ID: 480-233645-19
Date Collected: 10/14/25 00:00
Matrix: Water
Date Received: 10/16/25 09:45

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.82	ug/L			10/22/25 07:49	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 07:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/22/25 07:49	1
1,1,2-Trichloroethane	1.0	U	1.0	0.23	ug/L			10/22/25 07:49	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			10/22/25 07:49	1
1,1-Dichloroethene	1.0	U	1.0	0.29	ug/L			10/22/25 07:49	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.41	ug/L			10/22/25 07:49	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.39	ug/L			10/22/25 07:49	1
1,2-Dibromoethane	1.0	U	1.0	0.73	ug/L			10/22/25 07:49	1
1,2-Dichlorobenzene	1.0	U	1.0	0.79	ug/L			10/22/25 07:49	1
1,2-Dichloroethane	1.0	U	1.0	0.21	ug/L			10/22/25 07:49	1
1,2-Dichloropropane	1.0	U	1.0	0.72	ug/L			10/22/25 07:49	1
1,3-Dichlorobenzene	1.0	U	1.0	0.78	ug/L			10/22/25 07:49	1
1,4-Dichlorobenzene	1.0	U	1.0	0.84	ug/L			10/22/25 07:49	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			10/22/25 07:49	1
2-Hexanone	5.0	U	5.0	1.2	ug/L			10/22/25 07:49	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.1	ug/L			10/22/25 07:49	1
Acetone	10	U	10	3.0	ug/L			10/22/25 07:49	1
Benzene	1.0	U	1.0	0.41	ug/L			10/22/25 07:49	1
Bromodichloromethane	1.0	U	1.0	0.39	ug/L			10/22/25 07:49	1
Bromoform	1.0	U	1.0	0.26	ug/L			10/22/25 07:49	1
Bromomethane	1.0	U	1.0	0.69	ug/L			10/22/25 07:49	1
Carbon disulfide	1.0	U	1.0	0.19	ug/L			10/22/25 07:49	1
Carbon tetrachloride	1.0	U	1.0	0.27	ug/L			10/22/25 07:49	1
Chlorobenzene	1.0	U	1.0	0.75	ug/L			10/22/25 07:49	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/22/25 07:49	1
Chloroform	1.0	U	1.0	0.34	ug/L			10/22/25 07:49	1
Chloromethane	1.0	U	1.0	0.35	ug/L			10/22/25 07:49	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.81	ug/L			10/22/25 07:49	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.36	ug/L			10/22/25 07:49	1
Cyclohexane	1.0	U	1.0	0.18	ug/L			10/22/25 07:49	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			10/22/25 07:49	1
Dichlorodifluoromethane	1.0	U J	1.0	0.68	ug/L			10/22/25 07:49	1
Ethylbenzene	1.0	U	1.0	0.74	ug/L			10/22/25 07:49	1
Isopropylbenzene	1.0	U	1.0	0.79	ug/L			10/22/25 07:49	1
Methyl acetate	2.5	U	2.5	1.3	ug/L			10/22/25 07:49	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			10/22/25 07:49	1
Methylcyclohexane	1.0	U	1.0	0.16	ug/L			10/22/25 07:49	1
Methylene Chloride	1.0	U	1.0	0.44	ug/L			10/22/25 07:49	1
Styrene	1.0	U	1.0	0.73	ug/L			10/22/25 07:49	1
Tetrachloroethene	1.0	U	1.0	0.36	ug/L			10/22/25 07:49	1
Toluene	1.0	U	1.0	0.51	ug/L			10/22/25 07:49	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.90	ug/L			10/22/25 07:49	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.37	ug/L			10/22/25 07:49	1
Trichloroethene	1.0	U	1.0	0.46	ug/L			10/22/25 07:49	1
Trichlorofluoromethane	1.0	U	1.0	0.88	ug/L			10/22/25 07:49	1
Vinyl chloride	1.0	U	1.0	0.90	ug/L			10/22/25 07:49	1
Xylenes, Total	2.0	U	2.0	0.66	ug/L			10/22/25 07:49	1

Client: Arcadis US Inc
Job ID: 480-233645-1
Project/Site: NYSEG Mechanicville Project

Client Sample ID: TRIP BLANK-3
Lab Sample ID: 480-233645-19
Date Collected: 10/14/25 00:00
Matrix: Water
Date Received: 10/16/25 09:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		77 - 120		10/22/25 07:49	1
4-Bromofluorobenzene (Surr)	101		73 - 120		10/22/25 07:49	1
Dibromofluoromethane (Surr)	96		75 - 123		10/22/25 07:49	1
Toluene-d8 (Surr)	96		80 - 120		10/22/25 07:49	1

10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

Albany #224

eurofins | Environment Testing

Client Information	Sampler: AF, AM	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-208357-39853.1
Client Contact: Mr. Ryan Merrell	Phone: 315-671-9219	E-Mail: John.Schove@et.eurofinsus.com	State of Origin:	Page: Page 1 of 2
Company: Arcadis U.S., Inc.	PWSID:	Analysis Requested		Job #:
Address: One Lincoln Center 110 West Fayette St, Suite 200	Due Date Requested:			Preservation Codes: B - NaOH, A - HCL, N - None
City: Syracuse	TAT Requested (days): Standard			
State, Zip: NY, 13202	Compliance Project: Δ Yes Δ No			
Phone: 315-671-9219(Tel)	PO #: 30193939.05			
Email: ryan.merrell@arcadis-us.com	WO #: WAF.EurofinsNE.Mechanicville_20250924			
Project Name: NYSEG Mechanicville Project	Project #: 48026982			
Site:	SSOW#:			Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9012B_NP - Cyanide, Total	8260C - TCL VOCs	8270D_LL - TCL SVOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				B	A	N		
TW-2S	10/14	1400	G	Water			X	X	X		
MW-2	10/14	0945	G	Water			X	X	X		
MW-2I	10/14	1110	G	Water			X	X	X		
MW-17	10/14	1720	G	Water			X	X	X		
MW-17I	10/14	1535	G	Water			X	X	X		
MW-17D	10/15	1356	G	Water			X	X	X		
MW-20D	10/15	1045	G	Water			X	X	X		
MW-36I	10/15	1255	G	Water			X	X	X		
MW-36D	10/15	1055	G	Water			X	X	X		
MW-38I	10/14	1610	G	Water			X	X	X		
MW-38D	10/14	1350	G	Water			X	X	X		

480-233645 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Antoinette Miller	10-15-25 1510	Arcadis		10-15-25 1510	EETN
	10-15-25 1730	EETN		10/16/25 0945	Client

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.2, 2.6, 3.1, 3.4, 2.0 IR #SC

Ver: 10/10/2024

10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

#224

eurofins | Environment Testing

Client Information	Sampler: AF, AM	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-208357-39853.2
Client Contact: Mr. Ryan Merrell	Phone: 315-671-9219	E-Mail: John.Schove@et.eurofinsus.com	State of Origin:	Page: Page 2 of 2
Company: Arcadis U.S., Inc.	PWSID:			Job #:
Address: One Lincoln Center 110 West Fayette St, Suite 200	Due Date Requested:			
City: Syracuse	TAT Requested (days): Standard			
State, Zip: NY, 13202	Compliance Project: Δ Yes Δ No			
Phone: 315-671-9219(Tel)	PO #: 30193939.05			
Email: ryan.merrell@arcadis-us.com	WO #: WAF.EurofinsNE.Mechanicville_20250924			
Project Name: NYSEG Mechanicville Project	Project #: 48026982			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
B - NaOH
A - HCL
N - None
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9012B_NP - Cyanide, Total	8260C - TCL VOCs	8270D_LL - TCL SVOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				B	A	N		
MW-39D	10/14	1750	G	Water			X	X	X		
MW-40D	—	—	—	Water			X	X	X		
MW-46I	10/14	1235	G	Water			X	X	X		
MW-38D MS	10/14	1350	G	Water			X	X	X		
MW-38DMSD	10/14	1350	G	Water			X	X	X		
BD-(20251015)	10/15	—	G	Water			X	X	X		
EB-(20251014)	10/14	1300	G	Water			X	X	X		
EB-(20251015)	10/15	1300	G	Water			X	X	X		
Trip blank-1	10/14	—	G	Water				X			
Trip blank-2	10/14	—	G	Water				X			
Trip blank-3	10/14	—	G	Water				X			

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Antoinette Miller	10-15-25/1510	Arcadis	[signature]	10-15-25 1510	EETC
[signature]	10-15-25 1730	EETC	[signature]	10/16/25 0745	EETC

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Arcadis of New York, Inc.
One Lincoln Center, 110 West Fayette Street, Suite 300
Syracuse, NY 13202
United States
Phone: 315 446 9120
Fax: 315 449 0017
www.arcadis.com