2023 Periodic Review Report

Dansville Former Manufactured Gas Plant Site
NYSDEC Site Number: 8-26-012

June 2024

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Acronyms and Abbreviations

AW	application well
BTEX	benzene, toluene, ethyl benzene, and xylenes
DNAPL	dense NAPL
DO	dissolved oxygen
LNAPL	light NAPL
MGP	manufactured gas plant
MW	monitoring well
NAPL	non-aqueous phase liquid
NRW	NAPL recovery well
NYSDEC	New York State Department of Environmental Conservation
NYSEG	New York State Electric & Gas
O&M	operation and maintenance
ORS	oxygen-releasing substrate
OU-1	Operable Unit 1
OU-2	Operable Unit 2
PAH	polycyclic aromatic hydrocarbon
PMW	performance monitoring well
PRR	Periodic Review Report
PZ	piezometer
reporting period	January 2023 through December 2023
SMP	Site Management Plan
SMP well network	SMP Media Monitoring and Sampling Plan

1 Introduction

This Periodic Review Report (PRR) summarizes monitoring results obtained and operation and maintenance (O&M) activities conducted during the January 2023 through December 2023 reporting period for the New York State Department of Environmental Conservation- (NYSDEC-) selected remedy for the New York State Electric & Gas (NYSEG) Dansville former manufactured gas plant (MGP) site. The former MGP site is located in the Village of Dansville, Livingston County, New York (Figure 1). The site is an approximately 2.63-acre area bounded by Battle Street to the north, Ossian Street to the south, a former commercial dry-cleaning business and residential properties to the east, and residential properties to the west. A site layout is provided as Figure 2.

This PRR covers the period from January 2023 through December 2023 (reporting period) and includes data collected during 2023 semi-annual visits (i.e., February and August 2023).

Certification that site controls were in place and effective, and no changes have occurred at the site during this reporting period that would impair the ability of the controls to protect public health and the environment is included herein.

1.1 Background

The Operable Unit 1 (OU-1) and Operable Unit 2 (OU-2) NYSDEC-selected remedies are presented in the 2008 and 2017 Record of Decision documents (NYSDEC 2008, 2017), respectively. The soil remedy for the site consisted of excavation and off-site treatment or disposal of MGP-impacted soil and was completed in 2015. Remedial components associated with the groundwater treatment and non-aqueous phase liquid (NAPL) recovery systems were subsequently installed in May 2015 (NAPL recovery wells [NRWs] NRW-01 and NRW-02), October and December 2018 (monitoring wells [MWs] MW-1801 through MW-1810), and July 2020 (application wells [AWs] AW-01 through AW-26 and performance monitoring wells [PMWs] PMW-01 through PMW-06).

Relevant site background information is presented in the following subsections.

1.1.1 Remediation Construction

This section presents the primary OU-1 and OU-2 remedial components completed in accordance with the NYSDEC-selected remedies.

1.1.1.1 Operable Unit 1

NYSEG implemented the OU-1 NYSDEC-selected remedy from February 2014 to April 2015. OU-1 remedial construction activities generally consisted of the following:

- Removing and demolishing foundations/structures, concrete slabs, and the concrete loading dock, as well as existing asphalt, site fencing, and site drainage features, as necessary; and
- Excavating and disposing of MGP waste, NAPL, and contaminated soils meeting one or more of the following criteria: visible tar or oil; the presence of sheens or odors with total polycyclic aromatic hydrocarbon (PAH) concentrations greater than 1,000 milligrams per kilogram; or total benzene, toluene, ethylbenzene, and xylene (BTEX) concentrations above 10 milligrams per kilogram. NYSEG excavated approximately 24,446 cubic yards of material as part of remedial construction activities.

1.1.1.2 Operable Unit 2

NYSEG implemented the OU-2 NYSDEC-selected remedy from July to August 2020. OU-2 remedial construction activities generally consisted of the following:

- Installing coal tar NRWs to facilitate manual mobile coal tar recovery (if present);
- Installing 10 MWs (MW-1801 through MW-1810), each with a 2-foot sump, within OU-2 during the pre-design investigation to facilitate groundwater monitoring and manually recovering potentially mobile NAPL;
- Installing 26 AWs to administer oxygen-releasing substrate (ORS) sleeves in groundwater to facilitate in-situ enhanced biodegradation of BTEX and PAH compounds; and
- Installing six PMWs (as pairs) immediately upgradient and downgradient of the AWs to facilitate groundwater dissolved oxygen (DO) monitoring.

Site well construction details are provided in the Site Management Plan (SMP) (Arcadis 2022). The associated site well network locations are presented on Figures 2 and 3.

1.1.2 Post-Remediation Groundwater Treatment

The OU-2 Record of Decision (NYSDEC 2017) identifies the following constituents of concern for groundwater:

- BTEX; and
- PAHs – specifically, benzo(a)anthracene, chrysene, dibenz(a,h)anthracene, naphthalene, phenanthrene, indeno(1,2,3-cd)pyrene, and acenaphthene.

To implement the NYSDEC-selected in-situ enhanced biodegradation groundwater remedy, ORS sleeves (i.e., Provectus® ORS™ sleeves) were deployed in 26 four-inch-diameter AWs during the reporting period. Treatment system performance was measured using PMW pairs located hydraulically upgradient and downgradient from the AWs.

Enhancing the population of naturally occurring indigenous bacteria targets the single-ringed, less complex, more mobile BTEX compounds rather than the multi-ringed, complex PAH compounds. However, PAHs (particularly the seven identified as constituents of concern) are also considered when evaluating the groundwater remedy.

NAPL monitoring and passive recovery during the reporting period was completed at NRW-01, NRW-02, MW-1802, MW-1803, PMW-03, PMW-04, AW-13, AW-21, and AW-22.

1.2 Objectives

As presented in the SMP (Arcadis 2022), groundwater remedy objectives at the site are to:

- Passively remove recoverable NAPL, if encountered.
- Assess groundwater movement patterns at the site.
- Monitor groundwater quality to document dissolved BTEX and PAH concentrations at the site.
- Perform annual inspections of the site well network.
- Conduct an annual comprehensive site condition inspection.

To document achieving the groundwater remedy objectives, this PRR presents the following:

- Site-wide data collected during the monitoring period including groundwater analytical data, DO measurements, and groundwater elevation data; and
- Conclusions and recommendations for modifications to the monitoring requirements, if needed.

For comparison purposes, and to support the conclusions and recommendations presented in Section 5, data collected during the site visits are included in tables, where appropriate. Monitoring, NAPL gauging, and O&M activities for the reporting period were conducted in accordance with the SMP (Arcadis 2022) and are presented in this PRR.

2 Monitoring and Results

Monitoring, gauging, and O&M tasks completed in accordance with the SMP (Arcadis 2022) during the reporting period are summarized in Table 1 below.

Table 1 – Monitoring, Operation, and Maintenance Tasks

Event	Dates Completed	Monitoring and Gauging	Treatment System Maintenance	Site Inspection	Well Inspections
Monitoring (Semi-Annual)	February 15-16, 2023	X	X		
Monitoring (Annual)	August 14-17, 2023	X	X	X	X

Monitoring and gauging during the reporting period consisted of:

- Semi-annual groundwater elevation measurements in 14 MWs, 10 piezometers (PZs), 26 AWs, six PMWs, and two NRWs;
- Semi-annual NAPL gauging and passive NAPL removal at wells NRW-01, NRW-02, MW-1802, MW-1803, PMW-03, PMW-04, AW-13, AW-21, and AW-22; and
- Annual groundwater sampling from 11 MWs and 10 PZs for BTEX and PAH analysis.

Monitoring and gauging results are presented below.

2.1 Potentiometric Surfaces and Groundwater Flow

Field personnel measured the relative depth to groundwater from surveyed measuring points during the semi-annual and annual monitoring events from the following locations, as described in the SMP (Arcadis 2022):

- 11 site MWs (MW04S, MW-1801, MW-1802, MW-1803, MW-1804, MW-1805, MW-1806, MW-1807, MW-1808, MW-1809, and MW-1810); and
- 12 PZs (PZ13, PZ14, PZ17, PZ18, PZ19, PZ24, PZ26, PZ29, PZ31, PZ32, PZ35, and PZ36).

Water elevations measured during this reporting period are summarized in Table 2.

PZ25 was not gauged during the semi-annual and annual monitoring events due to obstructed access (located under homeowner's pool).

The water table surface and groundwater flow directions for the semi-annual and annual gauging events during the reporting period are presented on Figure 4 and Figure 5, respectively. As shown on the figures, the general groundwater flow direction at the site was to the northwest during both gauging events.

2.2 Non-Aqueous Phase Liquid Monitoring

NAPL monitoring was conducted semi-annually during the reporting period. Field personnel gauged the following locations for the presence of NAPL:

- Two NRWs (NRW-01 and NRW-02);
- 11 site MWs (MW04S, MW-1801, MW-1802, MW-1803, MW-1804, MW-1805, MW-1806, MW-1807, MW-1808, MW-1809, and MW-1810);
- 13 PZs (PZ13, PZ14, PZ17, PZ18, PZ19, PZ24, PZ25, PZ26, PZ29, PZ31, PZ32, PZ35, and PZ36);
- 26 AWs (AW-01 through AW-26); and
- Six PMWs (PMW-01 through PMW-06).

Locations of the NRWs, MWs, PZs, AWs, and PMWs are shown on Figure 2 and Figure 3. NAPL gauging data are presented in Table 2. As noted in Section 2.1, PZ25 was not gauged during the semi-annual or annual monitoring events due to obstructed access.

NAPL was not observed in the NRWs during the reporting period; however, light NAPL (LNAPL) was observed in PMW-03. Dense NAPL (DNAPL) was not observed during the reporting period. Sorbent socks were installed in MW-1802, MW-1803, PMW-03, PMW-04, AW-13, AW-21, and AW-22 to passively remove LNAPL. Sorbent socks were replaced during each visit, as needed. As a Green Remediation effort, after a sorbent sock was used to passively remove LNAPL for approximately 6 months, the sock was inverted in the well to allow both ends of the sock to absorb LNAPL at the water interface before being replaced.

The results of NAPL monitoring during the reporting period are as follows:

February 2023

- PMW-04 – Installed new sorbent sock; and
- AW-13 – Installed new sorbent sock.

August 2023

- MW-1802 – Inverted and re-installed sorbent sock;
- MW-1803 – Inverted and re-installed sorbent sock;
- PMW-03 – Observed 0.34 feet of LNAPL/water mixture on top of water column (installed new sorbent sock);
- PMW-04 – Inverted and re-installed sorbent sock;
- AW-21 – Inverted and re-installed sorbent sock; and
- AW-22 – Inverted and re-installed sorbent sock.

As presented in Table 2, NAPL has not been observed in either of the NRWs. DNAPL has not been observed in MW-1802 or AW-12 since the February 2021 monitoring event.

Spent sorbent socks were containerized in a 55-gallon drum and staged on site in a secure area for disposal by NYSEG.

2.3 Groundwater Quality

During the reporting period, groundwater samples collected from 11 MWs (MW04S, MW-1801, MW-1802, MW-1803, MW-1804, MW-1805, MW-1806, MW-1807, MW-1808, MW-1809, and MW-1810) and 10 PZs (PZ13, PZ14, PZ17, PZ18, PZ19, PZ24, PZ29, PZ31, PZ32, and PZ36) were submitted to Eurofins Laboratories located in Amherst, New York, for analysis of:

- BTEX by United States Environmental Protection Agency SW-846 Method 8260; and
- PAHs by United States Environmental Protection Agency SW-846 Method 8270.

Groundwater samples were not collected from PZ26 and PZ35 because the wells were dry, and a sample was not collected from PZ25 because the well was obstructed (see Section 2.1).

Groundwater analytical results are summarized in Table 3. For comparison purposes, historical groundwater analytical results collected since May 2005, including baseline samples collected in December 2018, are included in the table. Additionally, total BTEX and total PAH concentrations in groundwater samples collected since 2005 are summarized on Figure 6 and Figure 7, respectively.

Arcadis reviewed the laboratory data package for the 2023 annual monitoring event, conducted data validation, and prepared a Data Usability Summary Report. Data review indicated that overall laboratory performance was acceptable, and the overall data quality was within guidelines specified in the respective methods. The laboratory report is included as Appendix A, and the Data Usability Summary Report is included as Appendix B.

BTEX and PAH groundwater analytical results for samples collected during the reporting period are summarized below.

2.3.1 Dissolved Benzene, Toluene, Ethyl Benzene, and Xylenes

Groundwater analytical results for dissolved BTEX are summarized in Table 3. Additionally, total BTEX data are presented on Figure 6.

Analytical results for samples collected during the 2023 annual monitoring event indicate the following:

- One or more BTEX constituents were detected at concentrations greater than NYSDEC groundwater quality standards in groundwater collected from nine wells (MW04S, MW-1801, MW-1802, MW-1803, MW-1805, MW-1806, MW-1807, MW-1808, and PZ36).
- At these nine locations, total BTEX concentrations increased at one location (MW-1802), remained the same at one location (MW-1801), and decreased at seven locations (MW-04S, MW-1803, MW-1805, MW-1806, MW-1807, MW-1808, PZ36) when compared to results from the last time each location was sampled.
- Total BTEX decreased to non-detected concentrations at PZ18 when compared to the 2022 results.

2.3.2 Dissolved Polycyclic Aromatic Hydrocarbons

Groundwater analytical results for dissolved PAHs are summarized in Table 3. Additionally, total PAH data are presented on Figure 7.

Analytical results for samples collected during the 2023 annual monitoring event are summarized below:

- One or more of the site-specific 17 PAHs were detected at concentrations greater than NYSDEC groundwater quality standards in groundwater collected from eight wells (MW04S, MW-1801, MW-1802, MW-1803, MW-1805, MW-1806, MW-1807, and MW-1808).
- At these eight locations, total PAH concentrations increased at three locations (MW-1802, MW-1806, MW-1807), remained the same at one location (MW-1801), and decreased at four locations (MW-04S, MW-1803, MW-1805, MW-1808) when compared to results from the last time each location was sampled.

3 Operation and Maintenance

O&M activities conducted during the reporting period are presented in Table 1 and included:

- ORS application and monitoring;
- The annual site well network inspection; and
- A comprehensive site condition inspection.

The annual site and well network inspections required by the SMP (Arcadis 2022) were completed during the 2023 annual site visit.

A summary of these activities is presented in the following subsections.

3.1 Oxygen-Releasing Substrate Application and Monitoring

The third year of ORS application was performed during the semi-annual and annual monitoring events. ORS application and monitoring tasks completed during the reporting period included:

- Measuring DO concentrations in groundwater in the field, using a portable DO field meter, at AW-01, AW-05, AW-09, AW-13, AW-16, AW-20, AW-25, PMW-01, PMW-02, PMW-03, and PMW-04;
- Removing spent ORS sleeves from AWs;
- Cleaning AW canisters; and
- Deploying new ORS sleeves in AWs.

DO field measurements are provided in Table 4. When comparing DO data to the baseline results collected on February 24, 2021, data indicate ORS has increased DO in the AWs and, in general, has increased DO in the PMWs.

Spent ORS sleeves were placed in 55-gallon steel drums for waste characterization and disposal by NYSEG.

3.2 Well Network

Inspection activities/findings are presented in the following subsections.

3.2.1 Well Inspection

Arcadis visually inspected site wells, including protective covers, well caps, and general well integrity, during the annual site visit to confirm protective road box and surrounding concrete apron integrity and to identify potential repairs. A Well Integrity Assessment Form documenting the condition of each well in the SMP Media Monitoring and Sampling Plan (SMP well network) (see SMP Section 4.4 and Appendix G – Field Sampling Plan [Arcadis 2022]), with access at the time of inspection, was completed and is saved in the project file.

The following repairs recommended in the 2022 Annual Report (Arcadis 2023) were completed on August 15, 2023:

- MW-1801 – Replaced both bolts securing the road box lid.
- MW-1803 – Replaced one bolt securing the road box lid.
- MW-1805 – Drilled out both road box bolt tabs and tapped threads for replacement bolts. Installed replacement bolts.
- MW-1806 – Replaced one bolt securing the road box lid.

During the reporting period, MW-1802 was observed to be missing both bolts securing the road box lid. These bolts were replaced on August 15, 2023. With these repairs enacted, no deficiencies were observed in the SMP well network during the reporting period.

The following deficiencies were observed in wells not included in the SMP well network:

- MW01D – The locking well cap, lock, and road box are missing, and sediment has accumulated in the well.

Recommendations to correct the deficiencies not repaired during the reporting period are provided in Section 5.2.

3.2.2 Depth to Bottom Assessment

Arcadis field personnel measured the depth to bottom and accumulated sediment thickness (e.g., silts, sands) at each well during the semi-annual and annual monitoring events, as presented in Table 2. Depth to bottom measurements were compared to the installed depth, as reported on each well's construction or development log, to determine whether re-development is needed. The most recent (annual) gauging event results are summarized below.

Monitoring Wells

- Ten of the 11 MWs contained less than 1 foot of accumulated sediments.
- MW04S had approximately 1 foot of accumulated sediments. Approximately 1 foot of sediment was removed during the semi-annual monitoring event.

Piezometers

- Five of the 12 PZs gauged contained less than 1 foot of accumulated sediments. (Note: PZ25 was not gauged [see Section 2.1].)
- PZ13 had approximately 3.75 feet of accumulated sediments.
- PZ14 had approximately 1.8 feet of accumulated sediments.
- PZ19 had approximately 2.6 feet of accumulated sediments.
- PZ26 had approximately 9.3 feet of accumulated sediments.
- PZ31 had approximately 3.1 feet of accumulated sediments.
- PZ32 had approximately 4.4 feet of accumulated sediments.
- PZ35 had approximately 13.0 feet of accumulated sediments.
- PZ36 had approximately 5.5 feet of accumulated sediments.

Application Wells

- All 26 AWs contained less than 1 foot of accumulated sediments.

Performance Monitoring Wells

- All six PMWs contained less than 1 foot of accumulated sediments.

NAPL Recovery Wells

- The two NRWs contained less than 1 foot of accumulated sediments.

3.3 Annual Site Inspection

Arcadis completed an annual site inspection on August 17, 2023, to identify potential surface cover erosion, settling, or disturbance within the former MGP footprint. The reporting period Site Inspection Form is included as Appendix C. The annual site inspection indicated that the site cover is in good condition and maintenance to the soil and gravel cover across the site is not required.

3.4 PZ25R Installation

As recommended in the 2022 Annual Report (Arcadis 2023), PZ25R was installed to replace PZ25, which is located under a homeowner's pool. On August 17, 2023, Parratt-Wolff Inc. installed PZ25R approximately 10 feet from the location of PZ25 and screened the location 12 to 22 feet below ground surface using 1-inch-diameter, 0.010-inch-slotted, polyvinyl chloride well screen and 1-inch-diameter polyvinyl chloride riser to the surface (similar well construction as PZ25). Prior to PZ25R installation, GPRS Inc. conducted utility location services in the proposed installation area utilizing ground penetrating radar, electro-magnetic frequency, and metal detection. PZ25R was developed on October 17, 2023, and will be sampled during the 2024 annual monitoring event. PZ25R was surveyed by PJO Surveying on November 9, 2023, and the location is shown on the site figures included in this report. A well construction log for PZ25R is included in Appendix D.

3.5 Storage Shed Installation

Arcadis coordinated and documented installing a storage shed to be used for temporary waste storage at the site. A 12-foot by 12-foot concrete pad was installed on October 16, 2023, by Vinci Excavating, and a 12-foot by 12-foot prefabricated shed was delivered and placed on the concrete pad by Sheds by Fisher, LLC. on November 9, 2023. Prior to concrete pad installation, GPRS Inc. conducted utility location services in the proposed installation area utilizing ground penetrating radar, electro-magnetic frequency, and metal detection. A building permit was obtained from the Village of Dansville prior to installing the shed and is included in the Certification statement (Appendix E) and saved in the project file. The shed was secured to the concrete pad with anchor bolts set in epoxy. Excavated soil was direct-loaded into a lined roll-off dumpster and sampled for waste characterization parameters. The storage shed was surveyed by PJO Surveying on November 9, 2023, and the location is shown on site figures included in this report. The excavated soil (9.26 ton) was transported to Wayne Disposal Inc, located in Belleville, Michigan for off-site disposal on December 11, 2023 by NYSEG's waste disposal vendor. Waste characterization analytical data are provided in Appendix F and the waste manifest and receiving facility weight ticket are provided in Appendix G.

4 Disturbance Activities in Potentially Impacted Areas

NYSEG is not aware of any intrusive activities that were conducted in potentially impacted areas during the reporting period, except for installing PZ25R and the storage shed, which are discussed in Sections 3.4 and 3.5, respectively.

5 Conclusions and Recommendations

Conclusions and recommendations, based on the second year of treatment system monitoring and operation, are presented below.

5.1 Conclusions

Conclusions based on the monitoring period are summarized below.

- Media Monitoring and Sampling requirements (see SMP Section 4.4 [Arcadis 2022]) were met during the reporting period.
- Groundwater flow direction continues to be to the northwest; the groundwater movement pattern is consistent with previous monitoring events.
- NAPL Monitoring:
  - NAPL was not detected in either of the two NRWs during the reporting period.
  - LNAPL was observed in a measurable thickness at PMW-03. At all other wells, sorbent socks placed in the wells were successful at removing the minimal quantity of LNAPL entering the wells.
  - DNAPL was not detected in any of the wells.
- Groundwater Quality:
  - Total BTEX and total PAH concentrations in groundwater were consistent with historical results and show an overall decreasing trend.
- ORS Monitoring
  - ORS has increased DO in the AWs and, in general, has increased DO in the PMWs when compared to baseline DO measurements collected on February 24, 2021.
- SMP Well Network:
  - SMP well network deficiencies identified in the 2022 Annual Report (Arcadis 2023) were addressed during the reporting period, and no deficiencies in the SMP well network were identified during the reporting period that require repair.
  - MW01D (not included in the SMP well network) was observed to be missing a locking well cap, lock, and road box surface completion, as well as exhibiting accumulated sediment in the bottom of the well. Recommendations for repair are provided in Section 5.2.
  - Accumulated sediment was observed in several wells, ranging in thicknesses from less than 1 foot to approximately 13 feet. Recommendations for sediment removal are provided in Section 5.2.
- Annual Site Inspection:
  - The soil and gravel cover across the site and above the groundwater treatment system was in good condition; no repairs were required.
  - Drainage features were clear of obstructions.

5.2 Recommendations

Recommendations based on O&M of the NYSDEC-selected remedy during the reporting period are provided below.

- Media Monitoring and Sampling:
  - Continue conducting Media Monitoring and Sampling as described in the SMP (Arcadis 2022).
  - Continue semi-annual well gauging as described in the SMP.
  - Continue annual groundwater monitoring as described in the SMP.
- NAPL Monitoring:
  - Continue semi-annually gauging NRWs, MWs, AWs, and PMWs for the presence of NAPL, and if present, remove to the extent practicable.
- O&M:
  - Continue conducting O&M as described in the SMP.
  - Conduct the following repairs to address deficiencies in the SMP well network observed during the reporting period:
    - Remove accumulated sediment via manual bailing at MW01D, MW04S, PZ13, PZ14, PZ19, PZ26, PZ31, PZ32, PZ35, and PZ36.
    - Install a new road box surface completion at MW01D with a locking cap and lock.
- Continue preparing annual PRRs as described in the NYSDEC's February 22, 2023 letter correspondence to NYSEG, (NYSDEC 2023) and as described in the SMP (Arcadis 2022).

6 Certification Statement

The completed NYSDEC Site Management PRR Institutional and Engineering Controls Certification Submittal Form is included in Appendix E, which certifies that site controls were in place and effective and no changes occurred during the reporting period that would impair the ability of the controls to protect public health and the environment.

Please note that the Submittal Form identifies the reporting period as February 22, 2023 to June 22, 2024. Per correspondence with the NYSDEC project manager on May 14, 2024 and as approved, this report period covers the period of January to December 2023. The next PRR will cover the reporting period defined in the next Submittal Form and include any data/information not reported after the end of this period (December 31, 2023) and start of the next (assumed to be June 23, 2024).

7 References

Arcadis. 2022. Site Management Plan. Prepared for New York State Electric & Gas Corporation, Dansville Manufactured Gas Plant Site, Dansville New York. November.

Arcadis 2023. 2022 Annual Report. Prepared for New York State Electric & Gas Corporation, Dansville Manufactured Gas Plant Site, Dansville New York. March.

NYSDEC 2008. Record of Decision, NYSEG Dansville MGP Site Operable Unit No. 1, Site Number 826-012, March.

NYSDEC 2017. Record of Decision, Operable Unit Number 02: Onsite and Offsite Soil and Groundwater, State Superfund Project, Dansville, Livingston County, Site No. 826012, March.

NYSDEC 2023. Satisfactory Completion Response Letter, NYSEG Dansville MGP, Dansville, February.

Tables

Table 2
Gauging Data
2023 Periodic Review Report
New York State Electric & Gas
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Well ID	Measuring Point Elevation	Actual Depth to Bottom (feet bTOC)	Date	Depth to Water (feet bTOC)	Groundwater Elevation	Depth to LNAPL (feet bTOC)	Depth to DNAPL (feet bTOC)	Depth to Bottom (feet bTOC)	Accumulated Thickness of Sediments (feet)
PZ13	681.93	20.00	12/19/2018	10.05	671.94	NA	NA	18.22	1.78
			2/23/2021	No access					
			5/18/2021	No access					
			8/11/2021	10.02	671.97	NA	NA	18.18	1.82
			11/22/2021	9.90	672.09	NA	NA	18.18	1.82
			2/21/2022	Not accessible					
			5/27/2022	Not accessible					
			8/22/2022	10.30	671.63	NA	NA	18.91	1.09
			11/17/2022	10.10	671.83	NA	NA	18.25	1.75
			2/15/2023	10.07	671.86	NA	NA	18.18	1.82
			8/14/2023	10.54	671.39	NA	NA	16.26	3.74
PZ14	678.37	20.00	2/23/2021	No access					
			5/18/2021	No access					
			8/11/2021	12.33	665.87	NA	NA	18.25	1.75
			11/22/2021	12.32	665.88	NA	NA	18.24	1.76
			2/21/2022	Could not locate					
			5/27/2022	12.36	665.84	NA	NA	18.14	1.86
			8/22/2022	12.65	665.72	NA	NA	18.13	1.87
			11/17/2022	12.52	665.85	NA	NA	18.10	1.90
			2/15/2023	12.43	665.94	NA	NA	18.10	1.90
			8/14/2023	12.80	665.57	NA	NA	18.18	1.82
PZ17	684.47	16.00	2/23/2021	No access					
			5/18/2021	No access					
			8/11/2021	No access					
			11/22/2021	7.48	676.78	NA	NA	15.16	0.84
			2/21/2022	6.56	677.91	NA	NA	15.13	0.87
			5/27/2022	7.83	676.64	NA	NA	15.15	0.85
			8/22/2022	8.61	675.86	NA	NA	15.14	0.86
			11/17/2022	8.05	676.42	NA	NA	15.10	0.90
			2/15/2023	7.79	676.68	NA	NA	15.11	0.89
			8/14/2023	8.83	675.64	NA	NA	15.20	0.80
PZ18	686.91	19.00	12/20/2018	9.97	676.74	NA	NA	18.71	0.29
			2/23/2021	No access					
			5/18/2021	No access					
			8/11/2021	10.99	675.72	NA	NA	18.62	0.38
			11/22/2021	9.74	676.97	NA	NA	18.62	0.38
			2/21/2022	6.46	680.45	NA	NA	18.58	0.42
			5/27/2022	9.74	677.17	NA	NA	18.77	0.23
			8/22/2022	10.20	676.71	NA	NA	18.58	0.42
			11/17/2022	Not accessible					
			2/15/2023	10.09	676.82	NA	NA	18.60	0.40
			8/14/2023	10.78	676.13	NA	NA	18.68	0.32
PZ19	685.29	20.00	2/23/2021	No access					
			5/18/2021	No access					
			8/11/2021	No access					
			11/22/2021	No access					
			2/21/2022	No access					
			5/27/2022	No access					
			8/22/2022	11.29	674.00	NA	NA	17.27	2.73
			11/17/2022	11.18	674.11	NA	NA	17.30	2.70
			2/15/2023	11.20	674.09	NA	NA	17.26	2.74
			8/14/2023	11.80	673.49	NA	NA	17.35	2.65
PZ24	681.24	19.50	12/19/2018	10.49	670.69	NA	NA	18.24	1.26
			2/23/2021	No access					
			5/18/2021	No access					
			8/11/2021	10.51	670.67	NA	NA	17.70	1.80
			11/22/2021	10.36	670.82	NA	NA	19.27	0.23
			2/21/2022	10.07	671.17	NA	NA	19.25	0.25
			5/27/2022	10.48	670.76	NA	NA	19.25	0.25

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PZ24 (cont.)	681.24	19.50	8/22/2022	10.81	670.43	NA	NA	19.22	0.28
			11/17/2022	Could not locate					
			2/15/2023	10.47	670.77	NA	NA	18.76	0.74
			8/14/2023	12.97	668.27	NA	NA	18.81	0.69
PZ25	680.87	27.00	2/23/2021	No access					
			5/18/2021	No access					
			8/11/2021	No access					
			11/22/2021	No access					
			2/21/2022	No access					
			5/27/2022	No access					
			8/22/2022	Could not locate					
			11/17/2022	Could not locate					
			2/15/2023	Obstructed					
			8/14/2023	Obstructed					
PZ26	677.79	17.50	2/23/2021	No access					
			5/18/2021	No access					
			8/11/2021	No access					
			11/22/2021	No access					
			2/21/2022	No access					
			5/27/2022	No access					
			8/22/2022	Dry	NA	NA	NA	7.90	9.60
			11/22/2022	Dry	NA	NA	NA	7.90	9.60
			2/15/2023	Dry	NA	NA	NA	7.90	9.60
			8/14/2023	Dry	NA	NA	NA	8.24	9.26
PZ29	689.38	20.00	12/19/2018	9.20	680.13	NA	NA	19.63	0.37
			2/23/2021	9.08	680.25	NA	NA	19.79	0.21
			5/18/2021	8.34	680.99	NA	NA	19.67	0.33
			8/11/2021	8.91	680.42	NA	NA	19.65	0.35
			11/22/2021	8.56	680.77	NA	NA	19.66	0.34
			2/21/2022	7.91	681.47	NA	NA	19.65	0.35
			5/27/2022	8.68	680.70	NA	NA	19.66	0.34
			8/22/2022	9.29	680.09	NA	NA	19.66	0.34
			11/17/2022	9.25	680.13	NA	NA	19.66	0.34
			2/15/2023	9.19	680.19	NA	NA	19.65	0.35
			8/14/2023	9.95	679.43	NA	NA	19.73	0.27
PZ31	687.21	23.50	2/23/2021	No access					
			5/18/2021	No access					
			8/11/2021	12.19	674.95	NA	NA	20.26	3.24
			11/22/2021	12.14	675.00	NA	NA	20.35	3.15
			2/21/2022	11.23	675.98	NA	NA	20.34	3.16
			5/27/2022	12.35	674.86	NA	NA	20.33	3.17
			8/22/2022	13.01	674.20	NA	NA	20.32	3.18
			11/17/2022	12.52	674.69	NA	NA	20.31	3.19
			2/15/2023	12.47	674.74	NA	NA	20.29	3.21
			8/14/2023	13.23	673.98	NA	NA	20.39	3.11
PZ32	684.02	20.00	12/19/2018	9.40	674.57	NA	NA	15.51	4.49
			2/23/2021	No access					
			5/18/2021	No access					
			8/11/2021	9.41	674.56	NA	NA	15.51	4.49
			11/22/2021	9.33	674.64	NA	NA	15.55	4.45
			2/21/2022	8.67	675.35	NA	NA	15.51	4.49
			5/27/2022	9.48	674.54	NA	NA	15.53	4.47
			8/22/2022	9.94	674.08	NA	NA	15.53	4.47
			11/17/2022	9.52	674.50	NA	NA	15.55	4.45
			2/15/2023	9.54	674.48	NA	NA	15.54	4.46
			8/14/2023	10.10	673.92	NA	NA	15.62	4.38

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PZ35	686.35	24.00	2/23/2021	No access					
			5/18/2021	No access					
			8/11/2021	No access					
			11/22/2021	No access					
			2/21/2022	No access					
			5/27/2022	No access					
			8/22/2022	Dry	NA	NA	NA	10.68	13.32
			11/17/2022	Dry	NA	NA	NA	10.68	13.32
			2/15/2023	Dry	NA	NA	NA	10.68	13.32
			8/14/2023	Dry	NA	NA	NA	11.00	13.00
PZ36	686.73	22.50	12/19/2018	10.26	676.34	NA	NA	17.01	5.49
			2/23/2021	No access					
			5/18/2021	No access					
			8/11/2021	No access					
			11/22/2021	10.14	676.46	NA	NA	16.98	5.52
			2/21/2022	9.50	677.23	NA	NA	16.97	5.53
			5/27/2022	10.34	676.39	NA	NA	16.98	5.52
			8/22/2022	10.81	675.92	NA	NA	16.98	5.52
			11/17/2022	10.48	676.25	NA	NA	16.95	5.55
			2/15/2023	10.38	676.35	NA	NA	16.97	5.53
			8/14/2023	10.99	675.74	NA	NA	17.03	5.47
MW04S	686.01	20.00	12/19/2018	10.95	674.91	NA	NA	18.06	1.94
			2/23/2021	11.08	674.78	NA	NA	18.16	1.84
			5/18/2021	10.57	675.29	NA	NA	18.01	1.99
			8/11/2021	10.89	674.97	NA	NA	18.02	1.98
			11/22/2021	10.76	675.10	NA	NA	17.98	2.02
			2/21/2022	10.26	675.75	NA	NA	18.03	1.97
			5/27/2022	10.92	675.09	NA	NA	18.05	1.95
			8/22/2022	11.24	674.77	NA	NA	18.05	1.95
			11/17/2022	11.25	674.76	NA	NA	18.00	2.00
			2/15/2023	11.20	674.81	NA	NA	17.98	2.02
			8/14/2023	11.88	674.13	NA	NA	18.92	1.08
MW-1801	686.27	21.00	12/19/2018	9.95	676.27	NA	NA	20.77	0.23
			2/23/2021	10.31	675.91	NA	NA	20.91	0.09
			5/18/2021	9.85	676.37	NA	NA	20.79	0.21
			8/11/2021	9.40	676.82	NA	NA	20.78	0.22
			11/22/2021	9.74	676.48	NA	NA	20.78	0.22
			2/21/2022	9.52	676.75	NA	NA	20.78	0.22
			5/27/2022	9.97	676.30	NA	NA	20.78	0.22
			8/22/2022	10.40	675.87	NA	NA	20.79	0.21
			11/17/2022	10.15	676.12	NA	NA	20.80	0.20
			2/15/2023	10.22	676.05	NA	NA	20.78	0.22
			8/14/2023	11.00	675.27	NA	NA	20.85	0.15
MW-1802	688.10	19.00	12/19/2018	11.41	676.61	NA	NA	18.86	0.14
			2/23/2021	13.60	676.12	11.90	18.86	18.98	0.02
			5/18/2021	11.09	676.93	TR	NA	18.84	0.16
			8/11/2021	11.25	676.77	TR	NA	18.84	0.16
			11/22/2021	11.13	676.89	TR	NA	18.86	0.14
			2/21/2022	10.86	677.24	TR	NA	18.85	0.15
			5/27/2022	11.28	676.82	NA	NA	18.83	0.17
			8/22/2022	11.85	676.25	NA	NA	18.86	0.14
			11/17/2022	11.15	676.95	NA	NA	18.85	0.15
			2/15/2023	11.37	676.73	NA	NA	18.85	0.15
			8/14/2023	11.98	676.12	NA	NA	18.92	0.08
MW-1803	686.98	19.00	12/19/2018	9.91	677.05	NA	NA	18.49	0.51
			2/23/2021	10.65	676.31	NA	NA	18.61	0.39
			5/18/2021	9.51	677.45	TR	NA	18.49	0.51
			8/11/2021	9.75	677.21	TR	NA	18.51	0.49
			11/22/2021	9.53	677.43	TR	NA	18.60	0.40

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MW-1803 (cont.)	686.98	19.00	2/21/2022	9.00	677.98	NA	NA	18.53	0.47
			5/27/2022	9.88	677.10	NA	NA	18.53	0.47
			8/22/2022	10.73	676.25	NA	NA	18.52	0.48
			11/17/2022	10.03	676.95	NA	NA	18.55	0.45
			2/15/2023	9.77	677.21	NA	NA	18.49	0.51
			8/14/2023	10.81	676.17	NA	NA	18.85	0.15
MW-1804	686.67	13.00	12/19/2018	8.65	677.96	NA	NA	12.61	0.39
			2/23/2021	9.41	677.20	NA	NA	12.74	0.26
			5/18/2021	7.86	678.75	NA	NA	12.65	0.35
			8/11/2021	8.41	678.20	NA	NA	12.62	0.38
			11/22/2021	8.21	678.40	NA	NA	12.61	0.39
			2/21/2022	7.27	679.40	NA	NA	12.58	0.42
			5/27/2022	8.73	677.94	NA	NA	12.60	0.40
			8/22/2022	9.78	676.89	NA	NA	12.60	0.40
			11/17/2022	9.03	677.64	NA	NA	12.65	0.35
			2/15/2023	8.76	677.91	NA	NA	12.60	0.40
			8/14/2023	10.06	676.61	NA	NA	12.67	0.33
MW-1805	685.85	17.00	12/19/2018	11.43	674.37	NA	NA	16.58	0.42
			2/23/2021	11.66	674.14	NA	NA	16.73	0.27
			5/18/2021	11.15	674.65	NA	NA	16.66	0.34
			8/11/2021	11.42	674.38	NA	NA	16.62	0.38
			11/22/2021	11.39	674.41	NA	NA	16.61	0.39
			2/21/2022	10.83	675.02	NA	NA	16.58	0.42
			5/27/2022	11.47	674.38	NA	NA	16.62	0.38
			8/22/2022	11.70	674.15	NA	NA	16.61	0.39
			11/17/2022	11.63	674.22	NA	NA	16.60	0.40
			2/15/2023	11.61	674.24	NA	NA	16.60	0.40
			8/14/2023	12.02	673.83	NA	NA	16.68	0.32
MW-1806	686.87	15.00	12/19/2018	11.55	675.32	NA	NA	14.58	0.42
			2/23/2021	11.76	675.11	NA	NA	14.69	0.31
			5/18/2021	11.33	675.54	NA	NA	14.62	0.38
			8/11/2021	11.43	675.44	NA	NA	14.60	0.40
			11/22/2021	11.37	675.50	NA	NA	14.61	0.39
			2/21/2022	11.01	675.86	NA	NA	14.58	0.42
			5/27/2022	11.48	675.39	NA	NA	14.59	0.41
			8/22/2022	11.85	675.02	NA	NA	14.63	0.37
			11/17/2022	11.35	675.52	NA	NA	14.60	0.40
			2/15/2023	11.41	675.46	NA	NA	14.60	0.40
			8/14/2023	11.84	675.03	NA	NA	14.68	0.32
MW-1807	683.15	18.00	12/19/2018	9.82	673.34	NA	NA	17.66	0.34
			8/11/2021	9.94	673.22	NA	NA	17.36	0.64
			11/22/2021	9.83	673.33	NA	NA	17.41	0.59
			2/21/2022	8.97	674.18	NA	NA	17.53	0.47
			5/27/2022	9.88	673.27	NA	NA	17.10	0.90
			8/22/2022	10.13	673.02	NA	NA	17.59	0.41
			11/17/2022	9.85	673.30	NA	NA	17.45	0.55
			2/15/2023	9.90	673.25	NA	NA	17.56	0.44
			8/14/2023	10.36	672.79	NA	NA	17.65	0.35
MW-1808	686.68	21.00	12/19/2018	10.23	676.38	NA	NA	20.81	0.19
			2/23/2021	10.59	676.02	NA	NA	20.55	0.45
			5/18/2021	10.10	676.51	NA	NA	20.47	0.53
			8/11/2021	10.16	676.45	NA	NA	20.78	0.22
			11/22/2021	10.11	676.50	NA	NA	20.81	0.19
			2/21/2022	9.80	676.88	NA	NA	20.78	0.22
			5/27/2022	10.21	676.47	NA	NA	21.08	-0.08
			8/22/2022	10.55	676.13	NA	NA	20.28	0.72
			11/17/2022	10.33	676.35	NA	NA	20.82	0.18
			2/15/2023	10.34	676.34	NA	NA	20.78	0.22
			8/14/2023	10.89	675.79	NA	NA	20.82	0.18

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MW-1809	682.62	15.00	12/19/2018	9.40	673.09	NA	NA	14.54	0.46
			8/11/2021	9.50	672.99	NA	NA	14.55	0.45
			11/22/2021	9.41	673.08	NA	NA	14.52	0.48
			2/21/2022	8.56	674.06	NA	NA	14.51	0.49
			5/27/2022	10.42	672.20	NA	NA	14.53	0.47
			8/22/2022	9.55	673.07	NA	NA	14.57	0.43
			11/17/2022	9.42	673.20	NA	NA	14.52	0.48
			2/15/2023	9.43	673.19	NA	NA	14.50	0.50
			8/14/2023	9.71	672.91	NA	NA	14.59	0.41
MW-1810	689.19	22.15	12/19/2018	10.26	678.77	NA	NA	22.00	0.15
			2/23/2021	10.27	678.76	NA	NA	22.14	0.01
			5/18/2021	9.88	679.15	NA	NA	22.02	0.13
			8/11/2021	10.11	678.92	NA	NA	22.01	0.14
			11/22/2021	10.02	679.01	NA	NA	22.01	0.14
			2/21/2022	9.57	679.62	NA	NA	21.98	0.17
			5/27/2022	10.06	679.13	NA	NA	22.02	0.13
			8/22/2022	10.33	678.86	NA	NA	22.03	0.12
			11/17/2022	10.25	678.94	NA	NA	22.05	0.10
			2/15/2023	10.26	678.93	NA	NA	22.02	0.13
			8/14/2023	10.10	679.09	NA	NA	22.09	0.06
NRW-01	688.97	21.00	2/23/2021	9.28	679.69	NA	NA	20.52	0.48
			5/18/2021	7.87	681.10	NA	NA	20.71	0.29
			8/11/2021	8.43	680.54	NA	NA	20.61	0.39
			11/22/2021	6.44	682.53	NA	NA	20.58	0.42
			2/21/2022	2.49	686.48	NA	NA	20.52	0.48
			5/27/2022	8.03	680.94	NA	NA	20.65	0.35
			8/22/2022	9.37	679.60	NA	NA	20.60	0.40
			11/17/2022	3.86	685.11	NA	NA	20.65	0.35
			2/15/2023	7.97	681.00	NA	NA	20.40	0.60
			8/14/2023	10.16	678.81	NA	NA	20.54	0.46
NRW-02	689.01	24.00	2/23/2021	9.32	679.69	NA	NA	23.95	0.05
			5/18/2021	7.89	681.12	NA	NA	23.89	0.11
			8/11/2021	8.48	680.53	NA	NA	23.83	0.17
			11/22/2021	6.48	682.53	NA	NA	23.81	0.19
			2/21/2022	2.53	686.48	NA	NA	23.83	0.17
			5/27/2022	8.11	680.90	NA	NA	23.79	0.21
			8/22/2022	9.41	679.60	NA	NA	23.94	0.06
			11/17/2022	3.90	685.11	NA	NA	23.94	0.06
			2/15/2023	8.00	681.01	NA	NA	23.78	0.22
			8/14/2023	10.20	678.81	NA	NA	24.00	0.00
AW-01	685.51	17.03	2/23/2021	10.52	674.99	NA	NA	17.09	-0.06
			5/18/2021	10.00	675.51	NA	NA	16.99	0.04
			8/11/2021	10.29	675.22	NA	NA	16.87	0.16
			11/22/2021	10.20	675.31	NA	NA	16.85	0.18
			2/21/2022	9.63	675.88	NA	NA	16.85	0.18
			5/27/2022	10.38	675.13	NA	NA	16.90	0.13
			8/22/2022	10.68	674.83	NA	NA	16.87	0.16
			11/17/2022	10.60	674.91	NA	NA	16.90	0.13
			2/15/2023	10.65	674.86	NA	NA	16.87	0.16
			8/14/2023	11.33	674.18	NA	NA	16.95	0.08
AW-02	685.59	19.52	2/23/2021	10.54	675.05	NA	NA	19.57	-0.05
			5/18/2021	10.02	675.57	NA	NA	19.46	0.06
			8/11/2021	10.32	675.27	NA	NA	19.41	0.11
			11/22/2021	10.29	675.30	NA	NA	19.45	0.07
			2/21/2022	9.71	675.88	NA	NA	19.45	0.07
			5/27/2022	10.43	675.16	NA	NA	19.48	0.04
			8/22/2022	10.73	674.86	NA	NA	19.48	0.04

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AW-02 (cont.)	685.59	19.52	11/17/2022	10.70	674.89	NA	NA	19.45	0.07
			2/15/2023	10.66	674.93	NA	NA	19.37	0.15
			8/14/2023	11.50	674.09	NA	NA	19.47	0.05
AW-03	685.83	16.49	2/23/2021	10.59	675.24	NA	NA	16.55	-0.06
			5/18/2021	10.09	675.74	NA	NA	16.45	0.04
			8/11/2021	10.36	675.47	NA	NA	16.41	0.08
			11/22/2021	10.23	675.60	NA	NA	16.43	0.06
			2/21/2022	9.67	676.16	NA	NA	16.47	0.02
			5/27/2022	10.06	675.77	NA	NA	16.46	0.03
			8/22/2022	10.76	675.07	NA	NA	15.76	0.73
			11/17/2022	10.62	675.21	NA	NA	16.50	-0.01
			2/15/2023	10.55	675.28	NA	NA	15.71	0.78
			8/14/2023	11.27	674.56	NA	NA	15.63	0.86
AW-04	686.01	16.48	2/23/2021	9.94	676.07	NA	NA	16.52	-0.04
			5/18/2021	9.49	676.52	NA	NA	16.45	0.03
			8/11/2021	9.58	676.43	NA	NA	16.39	0.09
			11/22/2021	9.37	676.64	NA	NA	16.34	0.14
			2/21/2022	9.14	676.87	NA	NA	16.42	0.06
			5/27/2022	9.73	676.28	NA	NA	16.39	0.09
			8/22/2022	10.09	675.92	NA	NA	16.39	0.09
			11/17/2022	9.81	676.20	NA	NA	16.40	0.08
			2/15/2023	9.82	676.19	NA	NA	16.33	0.15
			8/14/2023	10.65	675.36	NA	NA	16.42	0.06
AW-05	686.12	16.69	2/23/2021	9.84	676.28	NA	NA	16.81	-0.12
			5/18/2021	9.32	676.80	NA	NA	16.69	0.00
			8/11/2021	9.49	676.63	NA	NA	16.65	0.04
			11/22/2021	9.38	676.74	NA	NA	16.64	0.05
			2/21/2022	8.93	677.19	NA	NA	16.57	0.12
			5/27/2022	9.53	676.59	NA	NA	16.59	0.10
			8/22/2022	9.91	676.21	NA	NA	16.59	0.10
			11/17/2022	9.66	676.46	NA	NA	16.65	0.04
			2/15/2023	9.60	676.52	NA	NA	16.65	0.04
			8/14/2023	10.60	675.52	NA	NA	16.65	0.04
AW-06	686.20	16.48	2/23/2021	9.84	676.28	NA	NA	16.81	-0.12
			5/18/2021	9.32	676.80	NA	NA	16.69	0.00
			8/11/2021	9.49	676.63	NA	NA	16.65	0.04
			11/22/2021	9.38	676.74	NA	NA	16.64	0.05
			2/21/2022	8.87	677.33	NA	NA	16.42	0.06
			5/27/2022	9.40	676.80	NA	NA	16.41	0.07
			8/22/2022	9.82	676.38	NA	NA	16.43	0.05
			11/17/2022	9.55	676.65	NA	NA	16.45	0.03
			2/15/2023	9.55	676.65	NA	NA	16.36	0.12
			8/14/2023	10.51	675.69	NA	NA	16.49	-0.01
AW-07	686.26	16.45	2/23/2021	9.79	676.47	NA	NA	16.41	0.04
			5/18/2021	9.32	676.94	NA	NA	16.30	0.15
			8/11/2021	9.43	676.83	NA	NA	16.30	0.15
			11/22/2021	9.37	676.89	NA	NA	16.24	0.21
			2/21/2022	8.99	677.27	NA	NA	16.27	0.18
			5/27/2022	9.48	676.78	NA	NA	16.26	0.19
			8/22/2022	9.91	676.35	NA	NA	15.65	0.80
			11/17/2022	9.67	676.59	NA	NA	16.25	0.20
			2/15/2023	9.60	676.66	NA	NA	16.25	0.20
			8/14/2023	10.41	675.85	NA	NA	16.31	0.14
AW-08	686.52	16.45	2/23/2021	10.05	676.47	NA	NA	16.51	-0.06
			5/18/2021	9.69	676.83	NA	NA	16.37	0.08
			8/11/2021	9.74	676.78	NA	NA	16.33	0.12
			11/22/2021	9.70	676.82	NA	NA	16.28	0.17
			2/21/2022	9.39	677.13	NA	NA	16.39	0.06
			5/27/2022	9.45	677.07	NA	NA	16.32	0.13

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AW-08 (cont.)	686.52	16.45	8/22/2022	10.13	676.39	NA	NA	16.32	0.13
			11/17/2022	9.91	676.61	NA	NA	16.40	0.05
			2/15/2023	9.88	676.64	NA	NA	16.36	0.09
			8/14/2023	10.57	675.95	NA	NA	16.37	0.08
AW-09	686.57	16.56	2/23/2021	10.28	676.29	NA	NA	16.62	-0.06
			5/18/2021	9.81	676.76	NA	NA	16.51	0.05
			8/11/2021	9.95	676.62	NA	NA	16.49	0.07
			11/22/2021	9.80	676.77	NA	NA	16.51	0.05
			2/21/2022	9.47	677.10	NA	NA	16.48	0.08
			5/27/2022	9.84	676.73	NA	NA	16.49	0.07
			8/22/2022	10.26	676.31	NA	NA	16.45	0.11
			11/17/2022	10.09	676.48	NA	NA	16.50	0.06
			2/15/2023	10.06	676.51	NA	NA	16.18	0.38
			8/14/2023	10.57	676.00	NA	NA	16.29	0.27
AW-10	686.38	16.86	2/23/2021	10.09	676.29	NA	NA	16.92	-0.06
			5/18/2021	9.54	676.84	NA	NA	16.79	0.07
			8/11/2021	9.68	676.70	NA	NA	16.75	0.11
			11/22/2021	9.55	676.83	NA	NA	16.75	0.11
			2/21/2022	9.26	677.12	NA	NA	16.72	0.14
			5/27/2022	9.63	676.75	NA	NA	16.66	0.20
			8/22/2022	10.02	676.36	NA	NA	16.73	0.13
			11/17/2022	9.69	676.69	NA	NA	16.75	0.11
			2/15/2023	9.75	676.63	NA	NA	16.72	0.14
			8/14/2023	10.28	676.10	NA	NA	16.81	0.05
AW-11	686.52	16.20	2/23/2021	10.18	676.34	NA	NA	16.28	-0.08
			5/18/2021	9.63	676.89	NA	NA	16.18	0.02
			8/11/2021	9.74	676.78	NA	NA	16.14	0.06
			11/22/2021	9.63	676.89	NA	NA	16.12	0.08
			2/21/2022	9.35	677.17	NA	NA	16.14	0.06
			5/27/2022	9.80	676.72	NA	NA	16.11	0.09
			8/22/2022	10.16	676.36	NA	NA	16.16	0.04
			11/17/2022	9.70	676.82	NA	NA	16.11	0.09
			2/15/2023	9.82	676.70	NA	NA	16.07	0.13
			8/14/2023	10.36	676.16	NA	NA	16.18	0.02
AW-12	687.09	17.00	2/23/2021	10.71	676.38	NA	TR	17.05	-0.05
			5/18/2021	10.24	676.85	NA	NA	17.00	0.00
			8/11/2021	10.20	676.89	NA	NA	16.90	0.10
			11/22/2021	10.14	676.95	TR	NA	16.87	0.13
			2/21/2022	9.98	677.11	NA	NA	16.89	0.11
			5/27/2022	9.28	677.81	NA	NA	16.89	0.11
			8/22/2022	10.64	676.45	NA	NA	16.87	0.13
			11/17/2022	10.12	676.97	NA	NA	16.93	0.07
			2/15/2023	10.23	676.86	NA	NA	16.89	0.11
			8/14/2023	10.92	676.17	NA	NA	16.93	0.07
AW-13	687.05	18.00	2/23/2021	10.68	676.37	NA	NA	18.02	-0.02
			5/18/2021	10.17	676.88	NA	NA	17.98	0.02
			8/11/2021	10.13	676.92	NA	NA	17.84	0.16
			11/22/2021	10.11	676.94	NA	NA	17.84	0.16
			2/21/2022	9.89	677.16	NA	NA	17.91	0.09
			5/27/2022	10.21	676.84	NA	NA	17.85	0.15
			8/22/2022	10.60	676.45	NA	NA	17.89	0.11
			11/17/2022	10.29	676.76	NA	NA	17.87	0.13
			2/15/2023	10.30	676.75	NA	NA	17.85	0.15
			8/14/2023	10.90	676.15	NA	NA	17.95	0.05
AW-14	687.34	17.95	2/23/2021	11.03	676.31	NA	NA	18.04	-0.09
			5/18/2021	10.47	676.87	NA	NA	17.99	-0.04
			8/11/2021	10.50	676.84	NA	NA	17.86	0.09
			11/22/2021	10.39	676.95	NA	NA	17.85	0.10
			2/21/2022	10.18	677.16	NA	NA	17.87	0.08

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AW-14 (cont.)	687.34	17.95	5/27/2022	10.53	676.81	NA	NA	17.86	0.09
			8/22/2022	10.93	676.41	NA	NA	17.90	0.05
			11/17/2022	10.54	676.80	NA	NA	17.87	0.08
			2/15/2023	10.53	676.81	NA	NA	17.85	0.10
			8/14/2023	11.18	676.16	NA	NA	17.98	-0.03
AW-15	687.51	16.44	2/23/2021	11.30	676.21	NA	NA	16.50	-0.06
			5/18/2021	10.51	677.00	NA	NA	16.50	-0.06
			8/11/2021	10.57	676.94	NA	NA	16.37	0.07
			11/22/2021	10.43	677.08	NA	NA	16.34	0.10
			2/21/2022	10.17	677.34	NA	NA	16.38	0.06
			5/27/2022	11.02	676.49	NA	NA	16.33	0.11
			8/22/2022	11.11	676.40	NA	NA	16.42	0.02
			11/17/2022	10.53	676.98	NA	NA	16.36	0.08
			2/15/2023	10.58	676.93	NA	NA	16.32	0.12
			8/14/2023	11.35	676.16	NA	NA	16.43	0.01
AW-16	687.75	16.19	2/23/2021	11.36	676.39	NA	NA	16.25	-0.06
			5/18/2021	10.51	677.24	NA	NA	16.18	0.01
			8/11/2021	10.62	677.13	NA	NA	16.08	0.11
			11/22/2021	10.53	677.22	NA	NA	16.09	0.10
			2/21/2022	10.07	677.68	NA	NA	16.04	0.15
			5/27/2022	10.78	676.97	NA	NA	16.08	0.11
			8/22/2022	10.15	677.60	NA	NA	16.12	0.07
			11/17/2022	10.41	677.34	NA	NA	16.06	0.13
			2/15/2023	10.62	677.13	NA	NA	16.08	0.11
			8/14/2023	11.33	676.42	NA	NA	16.13	0.06
AW-17	687.69	16.08	2/23/2021	11.19	676.50	NA	NA	16.14	-0.06
			5/18/2021	10.36	677.33	NA	NA	16.03	0.05
			8/11/2021	10.40	677.29	NA	NA	15.95	0.13
			11/22/2021	10.37	677.32	NA	NA	16.01	0.07
			2/21/2022	9.90	677.79	NA	NA	15.97	0.11
			5/27/2022	10.64	677.05	NA	NA	15.93	0.15
			8/22/2022	11.01	676.68	NA	NA	15.97	0.11
			11/17/2022	10.26	677.43	NA	NA	16.02	0.06
			2/15/2023	10.37	677.32	NA	NA	16.00	0.08
			8/14/2023	11.18	676.51	NA	NA	16.02	0.06
AW-18	687.74	16.22	2/23/2021	11.24	676.50	NA	NA	16.25	-0.03
			5/18/2021	10.32	677.42	NA	NA	16.15	0.07
			8/11/2021	10.43	677.31	NA	NA	16.12	0.10
			11/22/2021	10.35	677.39	NA	NA	16.05	0.17
			2/21/2022	9.73	678.01	NA	NA	16.05	0.17
			5/27/2022	10.67	677.07	NA	NA	16.07	0.15
			8/22/2022	11.09	676.65	NA	NA	16.13	0.09
			11/17/2022	10.21	677.53	NA	NA	16.08	0.14
			2/15/2023	10.39	677.35	NA	NA	16.05	0.17
			8/14/2023	11.24	676.50	NA	NA	15.84	0.38
AW-19	687.73	16.70	2/23/2021	11.20	676.53	NA	NA	16.79	-0.09
			5/18/2021	10.16	677.57	NA	NA	16.63	0.07
			8/11/2021	10.32	677.41	NA	NA	16.61	0.09
			11/22/2021	10.03	677.70	NA	NA	16.63	0.07
			2/21/2022	9.32	678.41	NA	NA	16.60	0.10
			5/27/2022	11.03	676.70	NA	NA	16.53	0.17
			8/22/2022	11.06	676.67	NA	NA	16.57	0.13
			11/17/2022	10.04	677.69	NA	NA	16.54	0.16
			2/15/2023	10.22	677.51	NA	NA	16.08	0.62
			8/14/2023	11.24	676.49	NA	NA	16.06	0.64
AW-20	687.59	16.70	2/23/2021	11.03	676.56	NA	NA	16.72	-0.02
			5/18/2021	9.95	677.64	NA	NA	16.55	0.15
			8/11/2021	10.10	677.49	NA	NA	16.56	0.14
			11/22/2021	9.97	677.62	NA	NA	16.58	0.12

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AW-20 (cont.)	687.59	16.70	2/21/2022	9.34	678.25	NA	NA	16.54	0.16
			5/27/2022	11.08	676.51	NA	NA	16.53	0.17
			8/22/2022	10.92	676.67	NA	NA	16.44	0.26
			11/17/2022	9.96	677.63	NA	NA	16.37	0.33
			2/15/2023	10.10	677.49	NA	NA	16.03	-16.03
			8/14/2023	10.08	677.51	NA	NA	15.92	0.78
AW-21	687.43	16.40	2/23/2021	10.93	676.50	TR	NA	16.46	-0.06
			5/18/2021	9.76	677.67	TR	NA	16.29	0.11
			8/11/2021	9.90	677.53	TR	NA	16.35	0.05
			11/22/2021	9.77	677.66	TR	NA	16.34	0.06
			2/21/2022	9.25	678.18	NA	NA	16.28	0.12
			5/27/2022	10.49	676.94	NA	NA	16.27	0.13
			8/22/2022	10.81	676.62	NA	NA	16.33	0.07
			11/17/2022	9.89	677.54	NA	NA	16.29	0.11
			2/15/2023	10.62	676.81	NA	NA	16.29	0.11
			8/14/2023	10.91	676.52	NA	NA	16.35	0.05
AW-22	687.12	19.30	2/23/2021	10.75	676.37	TR	NA	19.35	-0.05
			5/18/2021	9.56	677.56	TR	NA	19.16	0.14
			8/11/2021	9.74	677.38	TR	NA	19.16	0.14
			11/22/2021	9.58	677.54	TR	NA	19.16	0.14
			2/21/2022	9.08	678.04	NA	NA	19.16	0.14
			5/27/2022	10.03	677.09	NA	NA	19.13	0.17
			8/22/2022	10.73	676.39	NA	NA	19.18	0.12
			11/17/2022	10.00	677.12	NA	NA	19.15	0.15
			2/15/2023	9.77	677.35	NA	NA	19.14	0.16
			8/14/2023	10.83	676.29	NA	NA	19.23	0.07
AW-23	686.86	16.46	2/23/2021	10.44	676.42	NA	NA	16.54	-0.08
			5/18/2021	9.30	677.56	NA	NA	16.40	0.06
			8/11/2021	9.55	677.31	NA	NA	16.36	0.10
			11/22/2021	9.23	677.63	NA	NA	16.40	0.06
			2/21/2022	9.74	677.12	NA	NA	16.40	0.06
			5/27/2022	9.81	677.05	NA	NA	16.38	0.08
			8/22/2022	10.48	676.38	NA	NA	16.02	0.44
			11/17/2022	9.75	677.11	NA	NA	16.35	0.11
			2/15/2023	9.45	677.41	NA	NA	16.17	0.29
			8/14/2023	10.57	676.29	NA	NA	16.22	0.24
AW-24	686.89	16.50	2/23/2021	10.45	676.44	NA	NA	16.56	-0.06
			5/18/2021	9.23	677.66	NA	NA	16.31	0.19
			8/11/2021	9.51	677.38	NA	NA	16.38	0.12
			11/22/2021	9.21	677.68	NA	NA	16.34	0.16
			2/21/2022	8.62	678.27	NA	NA	16.36	0.14
			5/27/2022	10.79	676.10	NA	NA	16.40	0.10
			8/22/2022	10.47	676.42	NA	NA	16.38	0.12
			11/17/2022	9.05	677.84	NA	NA	16.35	0.15
			2/15/2023	9.57	677.32	NA	NA	16.34	0.16
			8/14/2023	10.60	676.29	NA	NA	16.39	0.11
AW-25	686.81	15.61	2/23/2021	10.08	676.73	NA	NA	15.72	-0.11
			5/18/2021	8.78	678.03	NA	NA	15.51	0.10
			8/11/2021	9.19	677.62	NA	NA	15.55	0.06
			11/22/2021	8.86	677.95	NA	NA	15.56	0.05
			2/21/2022	8.25	678.56	NA	NA	15.50	0.11
			5/27/2022	9.56	677.25	NA	NA	15.48	0.13
			8/22/2022	10.22	676.59	NA	NA	15.54	0.07
			11/17/2022	9.52	677.29	NA	NA	15.52	0.09
			2/15/2023	9.29	677.52	NA	NA	15.05	0.56
			8/14/2023	10.33	676.48	NA	NA	15.08	0.53

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AW-26	686.95	17.94	2/23/2021	10.10	676.85	NA	NA	18.02	-0.08
			5/18/2021	8.79	678.16	NA	NA	17.76	0.18
			8/11/2021	9.14	677.81	NA	NA	17.80	0.14
			11/22/2021	8.85	678.10	NA	NA	17.79	0.15
			2/21/2022	8.15	678.80	NA	NA	17.79	0.15
			5/27/2022	10.05	676.90	NA	NA	17.78	0.16
			8/22/2022	10.18	676.77	NA	NA	17.79	0.15
			11/17/2022	9.52	677.43	NA	NA	17.80	0.14
			2/15/2023	9.23	677.72	NA	NA	17.77	0.17
			8/14/2023	10.25	676.70	NA	NA	17.83	0.11
PMW-01	685.87	19.65	2/23/2021	10.83	675.04	NA	NA	19.70	-0.05
			5/18/2021	10.33	675.54	NA	NA	19.59	0.06
			8/11/2021	10.63	675.24	NA	NA	19.58	0.07
			11/22/2021	10.49	675.38	NA	NA	19.58	0.07
			2/21/2022	9.56	676.31	NA	NA	19.55	0.10
			5/27/2022	10.63	675.24	NA	NA	19.37	0.28
			8/22/2022	11.00	674.87	NA	NA	19.53	0.12
			11/17/2022	10.75	675.12	NA	NA	19.50	0.15
			2/15/2023	10.91	674.96	NA	NA	19.55	0.10
			8/14/2023	11.65	674.22	NA	NA	19.55	0.10
PMW-02	685.70	19.06	2/23/2021	10.60	675.10	NA	NA	19.12	-0.06
			5/18/2021	10.09	675.61	NA	NA	19.05	0.01
			8/11/2021	10.32	675.38	NA	NA	19.02	0.04
			11/22/2021	10.26	675.44	NA	NA	19.00	0.06
			2/21/2022	9.65	676.05	NA	NA	19.00	0.06
			5/27/2022	10.44	675.26	NA	NA	19.00	0.06
			8/22/2022	10.82	674.88	NA	NA	19.02	0.04
			11/17/2022	10.76	674.94	NA	NA	18.98	0.08
			2/15/2023	10.72	674.98	NA	NA	18.98	0.08
			8/14/2023	11.51	674.19	NA	NA	19.09	-0.03
PMW-03	687.40	18.03	2/23/2021	11.02	676.38	TR	NA	17.67	0.36
			5/18/2021	10.51	676.89	TR	NA	17.44	0.59
			8/11/2021	10.59	676.81	TR	NA	17.48	0.55
			11/22/2021	10.49	676.91	TR	NA	17.41	0.62
			2/21/2022	10.35	677.05	TR	TR	17.53	0.50
			5/27/2022	10.55	676.85	NA	NA	17.27	0.76
			8/22/2022	9.95	677.45	TR	NA	17.34	0.69
			11/17/2022	10.66	676.74	NA	NA	17.31	0.72
			2/15/2023	10.63	676.77	NA	NA	17.31	0.72
			8/14/2023	11.50	675.90	11.16	NA	17.31	0.72
PMW-04	687.35	18.15	2/23/2021	10.94	676.41	NA	NA	18.25	-0.10
			5/18/2021	10.34	677.01	TR	NA	18.03	0.12
			8/11/2021	10.42	676.93	TR	NA	17.98	0.17
			11/22/2021	10.33	677.02	TR	NA	18.00	0.15
			2/21/2022	10.22	677.13	NA	NA	17.99	0.16
			5/27/2022	10.42	676.93	NA	NA	17.87	0.28
			8/22/2022	10.85	676.50	NA	NA	17.93	0.22
			11/17/2022	10.54	676.81	NA	NA	17.89	0.26
			2/15/2023	10.53	676.82	NA	NA	17.88	0.27
			8/14/2023	11.17	676.18	NA	NA	17.93	0.22
PMW-05	687.01	16.65	2/23/2021	10.43	676.58	NA	NA	16.70	-0.05
			5/18/2021	9.24	677.77	NA	NA	16.58	0.07
			8/11/2021	9.54	677.47	NA	NA	16.55	0.10
			11/22/2021	9.28	677.73	NA	NA	16.58	0.07
			2/21/2022	8.75	678.26	NA	NA	16.62	0.03
			5/27/2022	9.66	677.35	NA	NA	16.57	0.08
			8/22/2022	10.55	676.46	NA	NA	16.61	0.04

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Table 2
Gauging Data
2023 Periodic Review Report
New York State Electric & Gas
Dansville Former Manufactured Gas Plant Site

Well ID	Measuring Point Elevation	Actual Depth to Bottom (feet bTOC)	Date	Depth to Water (feet bTOC)	Groundwater Elevation	Depth to LNAPL (feet bTOC)	Depth to DNAPL (feet bTOC)	Depth to Bottom (feet bTOC)	Accumulated Thickness of Sediments (feet)
PMW-05 (cont.)	687.01	16.65	11/17/2022	9.90	677.11	NA	NA	16.60	0.05
			2/15/2023	9.71	677.30	NA	NA	16.56	0.09
			8/14/2023	10.73	676.28	NA	NA	16.65	0.00
PMW-06	686.91	17.22	2/23/2021	9.87	677.04	NA	NA	17.28	-0.06
			5/18/2021	8.57	678.34	NA	NA	17.17	0.05
			8/11/2021	9.04	677.87	NA	NA	17.15	0.07
			11/22/2021	8.64	678.27	NA	NA	17.15	0.07
			2/21/2022	7.89	679.02	NA	NA	17.14	0.08
			5/27/2022	9.13	677.78	NA	NA	17.13	0.09
			8/22/2022	9.99	676.92	NA	NA	17.17	0.05
			11/17/2022	9.23	677.68	NA	NA	17.15	0.07
			2/15/2023	8.82	678.09	NA	NA	17.14	0.08
			8/14/2023	10.11	676.80	NA	NA	17.22	0.00

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Table 2
Gauging Data
2023 Periodic Review Report
New York State Electric & Gas
Dansville Former Manufactured Gas Plant Site

Notes:
1. All measurements from bTOC.
2. Elevations referenced to North American Vertical Datum of 1988. Elevations resurveyed August 24, 2022.
3. PZ25 was obstructed during both 2023 gauging events. PZ25 was reinstalled as PZ25R during the August 2023 monitoring event and will be gauged and sampled during the 2024 monitoring events.

Acronyms and Abbreviations:
bTOC - below Top of Casing
Could not locate - Attempts made to locate with Site map and metal detector, but well was not located.
DNAPL - dense non-aqueous phase liquid
LNAPL - light non-aqueous phase liquid
NA - Not available/applicable
No access - No access agreement in place on gauging date.
Not accessible - Location temporarily not accessible due to obstruction.
Obstructed - PZ25 was obstructed by a swimming pool and could not be accessed.
PZ - piezometer
TR - Trace

Table 3
Groundwater Analytical Data
2023 Periodic Review Report
New York State Electric & Gas
Dansville Former Manufactured Gas Plant Site

Location ID:	NYSDEC Groundwater Standards & Guidance Values	Units	MW04S				MW-1801			MW-1802			MW-1803		
Date Collected:			11/14/05	12/20/18	08/24/22	08/17/23	12/19/18	08/24/22	08/17/23	12/19/18	08/26/22	08/17/23	12/19/18	08/23/22	08/17/23
Volatile Organics															
Benzene	1	ug/L	**59**	**22**	**38**	**42**	**34**	**40**	**45 J**	10 U	10 U	10 UJ	**54**	**12**	10 U
Ethylbenzene	5	ug/L	**110 D**	**92**	**130**	**120**	**290 J**	**190**	**170 J**	**380**	**190**	**210 J**	**350**	**150**	**81**
m,p-Xylene	5	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	5	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	5	ug/L	**19**	**5.4**	**5.4**	**4.5**	**12**	**5.2**	**4.7 J**	**8.6 J**	**6.3 J**	10 UJ	**11**	10 U	10 U
Xylenes (total)	5	ug/L	**100**	**29**	**54**	**49**	**80**	**69**	**78 J**	**240**	**110**	**120 J**	**250**	**100**	**50**
Total BTEX	- -	ug/L	**290**	**150**	**230**	**220**	**420 J**	**300**	**300 J**	**630 J**	**310 J**	**330 J**	**670**	**260**	**130**
Semivolatile Organics															
2-Methylnaphthalene	- -	ug/L	**6.0 DJ**	NA	**36 J**	**16**	NA	**4.0 J**	**6.1**	NA	**14 J**	**43**	NA	50 U	50 U
Acenaphthene	20	ug/L	**190 D**	**82**	**190**	**180 D**	**110**	**110**	**89 D**	**260 D**	**120**	**120 DJ**	**180 D**	**240**	**200**
Acenaphthylene	- -	ug/L	**9.0**	**4.3 J**	**7.4 J**	**7.6**	**8.1 J**	**7.9 J**	**7.5**	**18**	100 U	**4.5 J**	**16**	**45 J**	**28 J**
Anthracene	50	ug/L	**16**	**5.0 J**	**11 J**	**16**	**13 J**	**14 J**	**12**	**13**	**12 J**	**7.7**	**14**	**15 J**	**12 J**
Benzo(a)anthracene	0.002	ug/L	**2.0 J**	50 U	52 U	5.0 U	25 U	26 U	5.0 U	**0.82 J**	100 U	**0.89 J**	**0.53 J**	50 U	50 U
Benzo(a)pyrene	0	ug/L	**2.0 J**	50 U	52 U	5.0 U	25 U	26 U	5.0 U	**0.67 J**	100 U	**0.51 J**	5.0 U	50 U	50 U
Benzo(b)fluoranthene	0.002	ug/L	**2.0 J**	50 U	52 U	5.0 U	25 U	26 U	5.0 U	**0.56 J**	100 U	**0.37 J**	5.0 U	50 U	50 U
Benzo(g,h,i)perylene	- -	ug/L	**0.70 J**	50 U	52 U	5.0 U	25 U	26 U	5.0 U	5.0 U	100 U	5.0 U	5.0 U	50 U	50 U
Benzo(k)fluoranthene	0.002	ug/L	**2.0 J**	50 U	52 U	5.0 U	25 U	26 U	5.0 U	5.0 U	100 U	5.0 U	5.0 U	50 U	50 U
Chrysene	0.002	ug/L	**2.0 J**	50 U	52 U	5.0 U	25 U	26 U	5.0 U	**1.1 J**	100 U	**0.84 J**	**0.55 J**	50 U	50 U
Dibenzo(a,h)anthracene	- -	ug/L	9.0 U	50 U	52 U	5.0 U	25 U	26 U	5.0 U	5.0 U	100 U	5.0 U	5.0 U	50 U	50 U
Fluoranthene	50	ug/L	**10**	50 U	52 U	**5.8**	**4.6 J**	**5.0 J**	**4.9 J**	**8.7**	**8.9 J**	**5.5**	**5.5**	**4.6 J**	**5.2 J**
Fluorene	50	ug/L	**61**	**25 J**	**62**	**64**	**43**	**40**	**36**	**64**	**34 J**	**30**	**48**	**74**	**66**
Indeno(1,2,3-cd)pyrene	0.002	ug/L	**0.50 J**	50 U	52 U	5.0 U	25 U	26 U	5.0 U	5.0 U	100 U	5.0 U	5.0 U	50 U	50 U
Naphthalene	10	ug/L	**340 D**	50 U	**340**	**180 D**	**57**	**170**	**200 D**	**770 D**	**680**	**1500 D**	5.0 U	**150**	**20 J**
Phenanthrene	50	ug/L	**84**	**29 J**	**73**	**79 D**	**58**	**62**	**54**	**88 DJ**	**36 J**	**33**	**63**	**67**	**51 J**
Pyrene	50	ug/L	**13**	50 U	**5.0 J**	**6.8**	**6.5 J**	**6.9 J**	**6.4**	**10**	**12 J**	**7.4**	**5.4**	**5.4 J**	**6.0 J**
Total PAHs	- -	ug/L	**740 J**	**150 J**	**720 J**	**560**	**300 J**	**420 J**	**420 J**	**1200 J**	**920 J**	**1800 J**	**330 J**	**600 J**	**390 J**

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Table 3
Groundwater Analytical Data
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New York State Electric & Gas
Dansville Former Manufactured Gas Plant Site

Location ID:	NYSDEC Groundwater Standards & Guidance Values	Units	MW-1804			MW-1805			MW-1806		MW-1807		
Date Collected:			12/19/18	08/23/22	08/17/23	12/20/18	08/25/22	08/15/23	08/26/22	08/17/23	12/20/18	08/25/22	08/16/23
Volatile Organics													
Benzene	1	ug/L	1.0 U	1.0 U	1.0 U	**55**	**49**	**51**	10 U	10 UJ	**14**	**11**	**13**
Ethylbenzene	5	ug/L	1.0 U	1.0 U	1.0 U	**180**	**150**	**100 J**	**21**	**19 J**	**7.0**	**2.6**	**1.6 J**
m,p-Xylene	5	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	5	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	5	ug/L	1.0 U	1.0 U	1.0 U	**8.4**	**6.6**	**4.6 J**	10 U	10 UJ	**0.87 J**	**0.90 J**	2.0 U
Xylenes (total)	5	ug/L	2.0 U	2.0 U	2.0 U	**57**	**66**	**58**	**26**	**17 J**	**5.0**	**3.9**	4.0 U
Total BTEX	- -	ug/L	ND	ND	ND	**300**	**270**	**210 J**	**47**	**36 J**	**27 J**	**18 J**	**15 J**
Semivolatile Organics													
2-Methylnaphthalene	- -	ug/L	NA	5.4 U	5.0 U	NA	**19 J**	**30**	50 U	25 U	NA	54 U	5.0 U
Acenaphthene	20	ug/L	5.0 U	5.4 U	5.0 U	**170**	**170**	**130 D**	**26 J**	**41**	**76**	**31 J**	**33**
Acenaphthylene	- -	ug/L	5.0 U	5.4 U	5.0 U	**9.1 J**	**8.0 J**	**6.2**	50 U	**4.9 J**	**4.8 J**	54 U	**3.5 J**
Anthracene	50	ug/L	5.0 U	5.4 U	5.0 U	**15 J**	**14 J**	**11**	50 U	**4.4 J**	**14 J**	54 U	**1.8 J**
Benzo(a)anthracene	0.002	ug/L	5.0 U	5.4 U	5.0 U	25 U	25 U	5.0 U	**7.5 J**	**3.4 J**	50 U	54 U	**0.47 J**
Benzo(a)pyrene	0	ug/L	5.0 U	5.4 U	5.0 U	25 U	25 U	5.0 U	**6.1 J**	**3.8 J**	50 U	54 U	5.0 U
Benzo(b)fluoranthene	0.002	ug/L	5.0 U	5.4 U	5.0 U	25 U	25 U	5.0 U	**4.6 J**	**2.5 J**	50 U	54 U	5.0 U
Benzo(g,h,i)perylene	- -	ug/L	5.0 U	5.4 U	5.0 U	25 U	25 U	5.0 U	50 U	25 U	50 U	54 U	5.0 U
Benzo(k)fluoranthene	0.002	ug/L	5.0 U	5.4 U	5.0 U	25 U	25 U	5.0 U	50 U	25 U	50 U	54 U	5.0 U
Chrysene	0.002	ug/L	5.0 U	5.4 U	5.0 U	25 U	25 U	5.0 U	**5.1 J**	**2.1 J**	50 U	54 U	0.35 J
Dibenzo(a,h)anthracene	- -	ug/L	5.0 U	5.4 U	5.0 U	25 U	25 U	5.0 U	50 U	25 U	50 U	54 U	5.0 U
Fluoranthene	50	ug/L	5.0 U	5.4 U	5.0 U	**4.7 J**	**3.7 J**	**3.5 J**	**15 J**	**9.4 J**	**8.4 J**	**5.9 J**	**5.0**
Fluorene	50	ug/L	5.0 U	5.4 U	5.0 U	**61**	**58**	**44**	50 U	**11 J**	**42 J**	**16 J**	**14**
Indeno(1,2,3-cd)pyrene	0.002	ug/L	5.0 U	5.4 U	5.0 U	25 U	25 U	5.0 U	50 U	25 U	50 U	54 U	5.0 U
Naphthalene	10	ug/L	5.0 U	5.4 U	5.0 U	**260**	**180**	**150 D**	50 U	**47**	50 U	54 U	**0.91 J**
Phenanthrene	50	ug/L	5.0 U	5.4 U	5.0 U	**74**	**68**	**55 J**	50 U	**8.5 J**	**40 J**	54 U	**3.6 J**
Pyrene	50	ug/L	5.0 U	5.4 U	5.0 U	**5.5 J**	**4.5 J**	**4.0 J**	**16 J**	**13 J**	**11 J**	**7.0 J**	**6.3**
Total PAHs	- -	ug/L	ND	ND	ND	**600 J**	**530 J**	**430 J**	**80 J**	**150 J**	**200 J**	**60 J**	**69 J**

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Groundwater Analytical Data
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New York State Electric & Gas
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Location ID:	NYSDEC Groundwater Standards & Guidance Values	Units	MW-1808			MW-1809			MW-1810			PZ13			
Date Collected:			12/19/18	08/24/22	08/17/23	12/20/18	08/25/22	08/16/23	12/21/18	08/25/22	08/15/23	09/29/04	11/08/05	09/06/07	01/03/08
Volatile Organics															
Benzene	1	ug/L	**110**	**21**	**4.5 J**	1.0 U	1.0 U	1.0 U	**0.89 J**	1.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	5	ug/L	**170**	**24**	**5.9**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U
m,p-Xylene	5	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U	10 U
o-Xylene	5	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.0 U	5.0 U
Toluene	5	ug/L	**4.4 J**	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Xylenes (total)	5	ug/L	**170**	**13**	10 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	15 U	15 U	ND	ND
Total BTEX	- -	ug/L	**450 J**	**58**	**10 J**	ND	ND	ND	**0.89 J**	ND	ND	ND	ND	ND	ND
Semivolatile Organics															
2-Methylnaphthalene	- -	ug/L	NA	25 U	5.0 U	NA	5.4 U	5.0 U	NA	5.2 U	5.2 U	10 U	10 U	10 U	10 U
Acenaphthene	20	ug/L	**33**	**60**	**59**	5.0 U	5.4 U	5.0 U	5.0 U	5.2 U	5.2 U	**4.0 J**	10 U	10 U	10 U
Acenaphthylene	- -	ug/L	**5.0 J**	**7.5 J**	**7.9**	5.0 U	5.4 U	5.0 U	**0.55 J**	5.2 U	5.2 U	10 U	10 U	NA	NA
Anthracene	50	ug/L	**3.4 J**	**3.5 J**	**2.9 J**	5.0 U	5.4 U	5.0 U	5.0 U	5.2 U	5.2 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	0.002	ug/L	25 U	25 U	5.0 U	5.0 U	5.4 U	5.0 U	5.0 U	5.2 U	5.2 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	0	ug/L	25 U	25 U	5.0 U	5.0 U	5.4 U	5.0 U	5.0 U	5.2 U	5.2 UJ	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	0.002	ug/L	25 U	25 U	5.0 U	5.0 U	5.4 U	5.0 U	5.0 U	5.2 U	5.2 UJ	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	- -	ug/L	25 U	25 U	5.0 U	5.0 U	5.4 U	5.0 U	5.0 U	5.2 U	5.2 UJ	10 U	10 U	NA	NA
Benzo(k)fluoranthene	0.002	ug/L	25 U	25 U	5.0 U	5.0 U	5.4 U	5.0 U	5.0 U	5.2 U	5.2 UJ	10 U	10 U	10 U	10 U
Chrysene	0.002	ug/L	25 U	25 U	5.0 U	5.0 U	5.4 U	5.0 U	5.0 U	5.2 U	5.2 UJ	10 U	10 U	10 U	10 U
Dibenzo(a,h)anthracene	- -	ug/L	25 U	25 U	5.0 U	5.0 U	5.4 U	5.0 U	5.0 U	5.2 U	5.2 UJ	10 U	10 U	NA	NA
Fluoranthene	50	ug/L	25 U	25 U	**1.7 J**	**0.56 J**	5.4 U	5.0 U	5.0 U	5.2 U	5.2 U	10 U	10 U	10 U	10 U
Fluorene	50	ug/L	**13 J**	**21 J**	**23**	5.0 U	5.4 U	5.0 U	5.0 U	5.2 U	5.2 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	0.002	ug/L	25 U	25 U	5.0 U	5.0 U	5.4 U	5.0 U	5.0 U	5.2 U	5.2 UJ	10 U	10 U	10 U	10 U
Naphthalene	10	ug/L	**170**	**14 J**	**2.4 J**	5.0 U	5.4 U	5.0 U	5.0 U	5.2 U	5.2 U	10 U	10 U	10 U	10 U
Phenanthrene	50	ug/L	**12 J**	**28**	**27**	**1.1 J**	5.4 U	5.0 U	5.0 U	5.2 U	5.2 U	10 U	10 U	10 U	10 U
Pyrene	50	ug/L	**1.8 J**	**2.2 J**	**2.1 J**	**0.82 J**	5.4 U	5.0 U	5.0 U	5.2 U	5.2 U	**1.0 J**	10 U	10 U	10 U
Total PAHs	- -	ug/L	**240 J**	**140 J**	**130 J**	**2.5 J**	ND	ND	**0.55 J**	ND	ND	**5.0 J**	ND	ND	ND

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New York State Electric & Gas
Dansville Former Manufactured Gas Plant Site

Location ID:	NYSDEC Groundwater Standards & Guidance Values	Units	PZ13 (cont.)								PZ14			
Date Collected:			02/18/10	08/04/10	06/14/11	03/20/12	11/13/12	12/20/18	08/25/22	08/16/23	09/29/04	11/08/05	08/25/22	08/16/23
Volatile Organics														
Benzene	1	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	5.0 U	**1.0 J**	1.0 U	1.0 U
Ethylbenzene	5	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U
m,p-Xylene	5	ug/L	10 U	10 U	10 U	10 U	10 U	NA	NA	NA	NA	NA	NA	NA
o-Xylene	5	ug/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	NA	NA	NA	NA	NA	NA	NA
Toluene	5	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U
Xylenes (total)	5	ug/L	ND	ND	ND	ND	ND	2.0 U	2.0 U	2.0 U	15 U	15 U	2.0 U	2.0 U
Total BTEX	- -	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1.0 J**	ND	ND
Semivolatile Organics														
2-Methylnaphthalene	- -	ug/L	NA	NA	NA	NA	NA	NA	5.4 U	5.0 U	10 U	10 U	5.4 U	5.0 U
Acenaphthene	20	ug/L	NA	NA	NA	NA	NA	5.0 U	5.4 U	5.0 U	10 U	10 U	5.4 U	5.0 U
Acenaphthylene	- -	ug/L	NA	NA	NA	NA	NA	5.0 U	5.4 U	5.0 U	10 U	10 U	5.4 U	5.0 U
Anthracene	50	ug/L	NA	NA	NA	NA	NA	5.0 U	5.4 U	5.0 U	10 U	10 U	5.4 U	5.0 U
Benzo(a)anthracene	0.002	ug/L	NA	NA	NA	NA	NA	5.0 U	5.4 U	5.0 U	10 U	10 U	5.4 U	5.0 U
Benzo(a)pyrene	0	ug/L	NA	NA	NA	NA	NA	5.0 U	5.4 U	5.0 U	10 U	10 U	5.4 U	5.0 U
Benzo(b)fluoranthene	0.002	ug/L	NA	NA	NA	NA	NA	5.0 U	5.4 U	5.0 U	10 U	10 U	5.4 U	5.0 U
Benzo(g,h,i)perylene	- -	ug/L	NA	NA	NA	NA	NA	5.0 U	5.4 U	5.0 U	10 U	10 U	5.4 U	5.0 U
Benzo(k)fluoranthene	0.002	ug/L	NA	NA	NA	NA	NA	5.0 U	5.4 U	5.0 U	10 U	10 U	5.4 U	5.0 U
Chrysene	0.002	ug/L	NA	NA	NA	NA	NA	5.0 U	5.4 U	5.0 U	10 U	10 U	5.4 U	5.0 U
Dibenzo(a,h)anthracene	- -	ug/L	NA	NA	NA	NA	NA	5.0 U	5.4 U	5.0 U	10 U	10 U	5.4 U	5.0 U
Fluoranthene	50	ug/L	NA	NA	NA	NA	NA	5.0 U	5.4 U	5.0 U	10 U	10 U	5.4 U	5.0 U
Fluorene	50	ug/L	NA	NA	NA	NA	NA	5.0 U	5.4 U	5.0 U	10 U	10 U	5.4 U	5.0 U
Indeno(1,2,3-cd)pyrene	0.002	ug/L	NA	NA	NA	NA	NA	5.0 U	5.4 U	5.0 U	10 U	10 U	5.4 U	5.0 U
Naphthalene	10	ug/L	NA	NA	NA	NA	NA	5.0 U	5.4 U	5.0 U	10 U	10 U	5.4 U	5.0 U
Phenanthrene	50	ug/L	NA	NA	NA	NA	NA	5.0 U	5.4 U	5.0 U	10 U	10 U	5.4 U	5.0 U
Pyrene	50	ug/L	NA	NA	NA	NA	NA	5.0 U	5.4 U	5.0 U	10 U	10 U	5.4 U	5.0 U
Total PAHs	- -	ug/L	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND

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Dansville Former Manufactured Gas Plant Site

Location ID:	NYSDEC Groundwater Standards & Guidance Values	Units	PZ17				PZ18					PZ19			
Date Collected:			09/02/05	11/10/05	08/24/22	08/16/23	09/30/04	11/11/05	12/20/18	08/25/22	08/17/23	09/02/05	11/10/05	08/24/22	08/16/23
Volatile Organics															
Benzene	1	ug/L	5.0 U	5.0 U	1.0 U	1.0 U	**69**	**93**	**710**	**240**	1.0 U	5.0 U	5.0 U	10 U	1.0 U
Ethylbenzene	5	ug/L	5.0 U	5.0 U	1.0 U	1.0 U	**4.0 J**	**7.0**	10 U	4.0 U	1.0 U	5.0 U	5.0 U	10 U	1.0 U
m,p-Xylene	5	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	5	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	5	ug/L	5.0 U	5.0 U	1.0 U	1.0 U	5.0 U	**1.0 J**	10 U	4.0 U	1.0 U	5.0 U	5.0 U	10 U	1.0 U
Xylenes (total)	5	ug/L	15 U	15 U	2.0 U	2.0 U	15 U	**6.0 J**	20 U	8.0 U	2.0 U	15 U	15 U	20 U	2.0 U
Total BTEX	- -	ug/L	ND	ND	ND	ND	**73 J**	**110 J**	**710**	**240**	ND	ND	ND	ND	ND
Semivolatile Organics															
2-Methylnaphthalene	- -	ug/L	10 U	10 U	5.0 U	5.0 U	10 U	10 U	NA	5.4 U	5.0 U	10 U	9.0 U	5.7 U	5.0 U
Acenaphthene	20	ug/L	10 U	10 U	5.0 U	5.0 U	10 U	10 U	5.0 U	**0.56 J**	5.0 U	10 U	9.0 U	5.7 U	5.0 U
Acenaphthylene	- -	ug/L	10 U	10 U	5.0 U	5.0 U	10 U	10 U	5.0 U	5.4 U	5.0 U	10 U	9.0 U	5.7 U	5.0 U
Anthracene	50	ug/L	10 U	10 U	5.0 U	5.0 U	10 U	10 U	5.0 U	5.4 U	5.0 U	10 U	9.0 U	5.7 U	5.0 U
Benzo(a)anthracene	0.002	ug/L	10 U	10 U	5.0 U	5.0 U	10 U	10 U	5.0 U	5.4 U	5.0 U	10 U	9.0 U	5.7 U	5.0 U
Benzo(a)pyrene	0	ug/L	10 U	10 U	5.0 U	5.0 U	10 U	10 U	5.0 U	5.4 U	5.0 U	10 U	9.0 U	5.7 U	5.0 U
Benzo(b)fluoranthene	0.002	ug/L	10 U	10 U	5.0 U	5.0 U	10 U	10 U	5.0 U	5.4 U	5.0 U	10 U	9.0 U	5.7 U	5.0 U
Benzo(g,h,i)perylene	- -	ug/L	10 U	10 U	5.0 U	5.0 U	10 U	10 U	5.0 U	5.4 U	5.0 U	10 U	9.0 U	5.7 U	5.0 U
Benzo(k)fluoranthene	0.002	ug/L	10 U	10 U	5.0 U	5.0 U	10 U	10 U	5.0 U	5.4 U	5.0 U	10 U	9.0 U	5.7 U	5.0 U
Chrysene	0.002	ug/L	10 U	10 U	5.0 U	5.0 U	10 U	10 U	5.0 U	5.4 U	5.0 U	10 U	9.0 U	5.7 U	5.0 U
Dibenzo(a,h)anthracene	- -	ug/L	10 U	10 U	5.0 U	5.0 U	10 U	10 U	5.0 U	5.4 U	5.0 U	10 U	9.0 U	5.7 U	5.0 U
Fluoranthene	50	ug/L	10 U	10 U	5.0 U	5.0 U	10 U	10 U	5.0 U	5.4 U	5.0 U	10 U	9.0 U	5.7 U	5.0 U
Fluorene	50	ug/L	10 U	10 U	5.0 U	5.0 U	10 U	10 U	5.0 U	5.4 U	5.0 U	10 U	9.0 U	5.7 U	5.0 U
Indeno(1,2,3-cd)pyrene	0.002	ug/L	10 U	10 U	5.0 U	5.0 U	10 U	10 U	5.0 U	5.4 U	5.0 U	10 U	9.0 U	5.7 U	5.0 U
Naphthalene	10	ug/L	10 U	10 U	5.0 U	5.0 U	10 U	10 U	5.0 U	5.4 U	5.0 U	10 U	9.0 U	5.7 U	5.0 U
Phenanthrene	50	ug/L	10 U	10 U	5.0 U	5.0 U	10 U	10 U	5.0 U	5.4 U	5.0 U	10 U	9.0 U	5.7 U	5.0 U
Pyrene	50	ug/L	10 U	10 U	5.0 U	5.0 U	10 U	10 U	5.0 U	5.4 U	5.0 U	10 U	9.0 U	5.7 U	5.0 U
Total PAHs	- -	ug/L	ND	ND	ND	ND	ND	ND	ND	**0.56 J**	ND	ND	ND	ND	ND

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Dansville Former Manufactured Gas Plant Site

Location ID:	NYSDEC Groundwater Standards & Guidance Values	Units	PZ24											
Date Collected:			10/01/04	11/09/05	09/06/07	01/03/08	02/17/10	08/04/10	06/14/11	03/20/12	11/12/12	12/20/18	08/25/22	08/16/23
Volatile Organics														
Benzene	1	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**0.56 J**	**1.0 J**	5.0 U	**0.66 J**	1.0 U	**0.89 J**
Ethylbenzene	5	ug/L	5.0 U	**0.50 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U
m,p-Xylene	5	ug/L	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NA	NA	NA
o-Xylene	5	ug/L	NA	NA	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	NA	NA	NA
Toluene	5	ug/L	5.0 U	15 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	5	ug/L	15 U	**100 D**	ND	ND	ND	ND	ND	ND	ND	2.0 U	2.0 U	2.0 U
Total BTEX	- -	ug/L	ND	**100 J**	ND	ND	ND	ND	**0.56 J**	**1.0 J**	ND	**0.66 J**	ND	**0.89 J**
Semivolatile Organics														
2-Methylnaphthalene	- -	ug/L	10 U	10 U	10 U	10 U	11 U	10 U	NA	NA	NA	NA	5.0 U	5.0 U
Acenaphthene	20	ug/L	10 U	10 U	10 U	10 U	11 U	10 U	NA	NA	NA	5.0 U	5.0 U	5.0 U
Acenaphthylene	- -	ug/L	10 U	10 U	NA	NA	NA	NA	NA	NA	NA	5.0 U	5.0 U	5.0 U
Anthracene	50	ug/L	10 U	10 U	10 U	10 U	11 U	10 U	NA	NA	NA	5.0 U	5.0 U	5.0 U
Benzo(a)anthracene	0.002	ug/L	10 U	10 U	10 U	10 U	11 U	10 U	NA	NA	NA	5.0 U	5.0 U	5.0 U
Benzo(a)pyrene	0	ug/L	10 U	10 U	10 U	10 U	11 U	10 U	NA	NA	NA	5.0 U	5.0 U	5.0 U
Benzo(b)fluoranthene	0.002	ug/L	10 U	10 U	10 U	10 U	11 U	10 U	NA	NA	NA	5.0 U	5.0 U	5.0 U
Benzo(g,h,i)perylene	- -	ug/L	10 U	10 U	NA	NA	NA	NA	NA	NA	NA	5.0 U	5.0 U	5.0 U
Benzo(k)fluoranthene	0.002	ug/L	10 U	10 U	10 U	10 U	11 U	10 U	NA	NA	NA	5.0 U	5.0 U	5.0 U
Chrysene	0.002	ug/L	10 U	10 U	10 U	10 U	11 U	10 U	NA	NA	NA	5.0 U	5.0 U	5.0 U
Dibenzo(a,h)anthracene	- -	ug/L	10 U	10 U	NA	NA	NA	NA	NA	NA	NA	5.0 U	5.0 U	5.0 U
Fluoranthene	50	ug/L	10 U	10 U	10 U	10 U	11 U	10 U	NA	NA	NA	5.0 U	5.0 U	5.0 U
Fluorene	50	ug/L	10 U	10 U	10 U	10 U	11 U	10 U	NA	NA	NA	5.0 U	5.0 U	5.0 U
Indeno(1,2,3-cd)pyrene	0.002	ug/L	10 U	10 U	10 U	10 U	11 U	10 U	NA	NA	NA	5.0 U	5.0 U	5.0 U
Naphthalene	10	ug/L	10 U	10 U	10 U	10 U	11 U	10 U	NA	NA	NA	5.0 U	5.0 U	5.0 U
Phenanthrene	50	ug/L	10 U	10 U	10 U	**1.6 J**	11 U	10 U	NA	NA	NA	5.0 U	5.0 U	5.0 U
Pyrene	50	ug/L	10 U	10 U	10 U	10 U	11 U	10 U	NA	NA	NA	5.0 U	5.0 U	5.0 U
Total PAHs	- -	ug/L	ND	ND	ND	**1.6 J**	ND	ND	NA	NA	NA	ND	ND	ND

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Location ID:	NYSDEC Groundwater Standards & Guidance Values	Units	PZ25		PZ26		PZ29					PZ31			
Date Collected:			10/01/04	11/09/05	10/01/04	11/09/05	10/02/04	11/16/05	12/20/18	08/25/22	08/16/23	05/17/05	11/10/05	09/05/07	01/02/08
Volatile Organics															
Benzene	1	ug/L	**25**	**21**	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	5	ug/L	**180**	**210 D**	5.0 U	5.0 U	5.0 U	**0.50 J**	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U
m,p-Xylene	5	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U	10 U
o-Xylene	5	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.0 U	5.0 U
Toluene	5	ug/L	**12**	**9.0**	5.0 U	5.0 U	5.0 U	**3.0 J**	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Xylenes (total)	5	ug/L	**110**	**84**	15 U	15 U	15 U	**4.0 J**	2.0 U	2.0 U	2.0 U	15 U	15 U	ND	ND
Total BTEX	- -	ug/L	**330**	**320**	ND	ND	ND	**7.5 J**	ND	ND	ND	ND	ND	ND	ND
Semivolatile Organics															
2-Methylnaphthalene	- -	ug/L	**40**	**52**	10 U	10 U	10 U	10 U	NA	5.0 U	5.4 U	10 U	10 U	10 U	10 U
Acenaphthene	20	ug/L	**11**	**11**	10 U	10 U	10 U	10 U	5.0 U	5.0 U	5.4 U	10 U	10 U	10 U	10 U
Acenaphthylene	- -	ug/L	**23**	**30**	10 U	10 U	10 U	10 U	5.0 U	5.0 U	5.4 U	10 U	10 U	NA	NA
Anthracene	50	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5.0 U	5.0 U	5.4 U	10 U	10 U	10 UJ	10 U
Benzo(a)anthracene	0.002	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5.0 U	5.0 U	5.4 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	0	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5.0 U	5.0 U	5.4 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	0.002	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5.0 U	5.0 U	5.4 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	- -	ug/L	**4.0 J**	10 U	10 U	10 U	10 U	10 U	5.0 U	5.0 U	5.4 U	10 U	10 U	NA	NA
Benzo(k)fluoranthene	0.002	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5.0 U	5.0 U	5.4 U	10 U	10 U	10 U	10 U
Chrysene	0.002	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5.0 U	5.0 U	5.4 U	10 U	10 U	10 U	10 U
Dibenzo(a,h)anthracene	- -	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5.0 U	5.0 U	5.4 U	10 U	10 U	NA	NA
Fluoranthene	50	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5.0 U	5.0 U	5.4 U	10 U	10 U	10 UJ	10 U
Fluorene	50	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5.0 U	5.0 U	5.4 U	10 U	10 U	10 UJ	10 U
Indeno(1,2,3-cd)pyrene	0.002	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5.0 U	5.0 U	5.4 U	10 U	10 U	10 U	10 U
Naphthalene	10	ug/L	**56**	**45**	10 U	10 U	10 U	10 U	5.0 U	5.0 U	5.4 U	10 U	10 U	10 U	10 U
Phenanthrene	50	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5.0 U	5.0 U	5.4 U	10 U	10 U	10 UJ	10 U
Pyrene	50	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5.0 U	5.0 U	5.4 U	10 U	10 U	10 U	10 U
Total PAHs	- -	ug/L	**130 J**	**140**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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Location ID:	NYSDEC Groundwater Standards & Guidance Values	Units	PZ31 (cont.)							PZ32					
Date Collected:			02/18/10	08/04/10	06/14/11	03/20/12	11/13/12	08/25/22	08/16/23	05/18/05	11/10/05	09/05/07	01/03/08	02/17/10	08/04/10
Volatile Organics															
Benzene	1	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	5	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	**2.0 J**	5.0 U	**3.6 J**	5.0 U	5.0 U	**1.2 J**
m,p-Xylene	5	ug/L	10 U	10 U	10 U	10 U	10 U	NA	NA	NA	NA	10 U	10 U	10 U	10 U
o-Xylene	5	ug/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	NA	NA	NA	NA	**5.1**	5.0 U	5.0 U	**1.3 J**
Toluene	5	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Xylenes (total)	5	ug/L	ND	ND	ND	ND	ND	2.0 U	2.0 U	**2.0 J**	15 U	**5.1**	ND	ND	**1.3 J**
Total BTEX	- -	ug/L	ND	ND	ND	ND	ND	ND	ND	**4.0 J**	ND	**8.7 J**	ND	ND	**2.5 J**
Semivolatile Organics															
2-Methylnaphthalene	- -	ug/L	NA	NA	NA	NA	NA	5.0 U	5.0 U	**10**	**0.60 J**	**6.9 J**	10 U	NA	NA
Acenaphthene	20	ug/L	NA	NA	NA	NA	NA	5.0 U	5.0 U	**15**	**2.0 J**	**9.9 J**	**2.1 J**	NA	NA
Acenaphthylene	- -	ug/L	NA	NA	NA	NA	NA	5.0 U	5.0 U	9.0 U	**2.0 J**	NA	NA	NA	NA
Anthracene	50	ug/L	NA	NA	NA	NA	NA	5.0 U	5.0 U	**3.0 J**	**0.80 J**	10 UJ	10 U	NA	NA
Benzo(a)anthracene	0.002	ug/L	NA	NA	NA	NA	NA	5.0 U	5.0 U	9.0 U	10 U	10 U	10 U	NA	NA
Benzo(a)pyrene	0	ug/L	NA	NA	NA	NA	NA	5.0 U	5.0 U	9.0 U	10 U	10 U	10 U	NA	NA
Benzo(b)fluoranthene	0.002	ug/L	NA	NA	NA	NA	NA	5.0 U	5.0 U	9.0 U	10 U	10 U	10 U	NA	NA
Benzo(g,h,i)perylene	- -	ug/L	NA	NA	NA	NA	NA	5.0 U	5.0 U	9.0 U	10 U	NA	NA	NA	NA
Benzo(k)fluoranthene	0.002	ug/L	NA	NA	NA	NA	NA	5.0 U	5.0 U	9.0 U	10 U	10 U	10 U	NA	NA
Chrysene	0.002	ug/L	NA	NA	NA	NA	NA	5.0 U	5.0 U	9.0 U	10 U	10 U	10 U	NA	NA
Dibenzo(a,h)anthracene	- -	ug/L	NA	NA	NA	NA	NA	5.0 U	5.0 U	9.0 U	10 U	NA	NA	NA	NA
Fluoranthene	50	ug/L	NA	NA	NA	NA	NA	5.0 U	5.0 U	**2.0 J**	**1.0 J**	**1.6 J**	10 U	NA	NA
Fluorene	50	ug/L	NA	NA	NA	NA	NA	5.0 U	5.0 U	**7.0 J**	**0.80 J**	10 UJ	10 U	NA	NA
Indeno(1,2,3-cd)pyrene	0.002	ug/L	NA	NA	NA	NA	NA	5.0 U	5.0 U	9.0 U	10 U	10 U	10 U	NA	NA
Naphthalene	10	ug/L	NA	NA	NA	NA	NA	5.0 U	5.0 U	9.0 U	10 U	10 U	10 U	NA	NA
Phenanthrene	50	ug/L	NA	NA	NA	NA	NA	5.0 U	5.0 U	**7.0 J**	**0.60 J**	**1.7 J**	10 U	NA	NA
Pyrene	50	ug/L	NA	NA	NA	NA	NA	5.0 U	5.0 U	**3.0 J**	**2.0 J**	**2.0 J**	10 U	NA	NA
Total PAHs	- -	ug/L	NA	NA	NA	NA	NA	ND	ND	**47 J**	**9.8 J**	**22 J**	**2.1 J**	NA	NA

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Location ID:	NYSDEC Groundwater Standards & Guidance Values	Units	PZ32 (cont.)						PZ35		PZ36				
Date Collected:			06/14/11	03/20/12	11/13/12	12/20/18	08/24/22	08/16/23	05/17/05	11/11/05	05/18/05	11/10/05	09/05/07	01/02/08	02/17/10
Volatile Organics															
Benzene	1	ug/L	5.0 U	**1.4 J**	5.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	**5.0**	**32**	**36**	**13**	**9.4**
Ethylbenzene	5	ug/L	5.0 U	**3.0 J**	**1.1 J**	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	**4.0 J**	**170**	**76**	**21**	**23**
m,p-Xylene	5	ug/L	10 U	10 U	10 U	NA	NA	NA	NA	NA	NA	NA	**25**	**8.8 J**	**3.9 J**
o-Xylene	5	ug/L	5.0 U	**3.0 J**	5.0 U	NA	NA	NA	NA	NA	NA	NA	**68**	**33**	**25**
Toluene	5	ug/L	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	5.0 U	**20**	**13**	**4.3 J**	5.0 U
Xylenes (total)	5	ug/L	ND	**3.0 J**	ND	2.0 U	2.0 U	2.0 U	15 U	15 U	**16**	**150**	**93**	**42 J**	**29 J**
Total BTEX	- -	ug/L	ND	**7.4 J**	**1.1 J**	ND	ND	ND	ND	ND	**25 J**	**370**	**220**	**80 J**	**61 J**
Semivolatile Organics															
2-Methylnaphthalene	- -	ug/L	NA	NA	NA	NA	5.2 U	5.2 U	9.0 U	10 U	**96**	**370 D**	10 U	10 U	11 U
Acenaphthene	20	ug/L	NA	NA	NA	5.0 U	5.2 U	5.2 U	9.0 U	10 U	**54**	**160 D**	**70**	**58**	**43**
Acenaphthylene	- -	ug/L	NA	NA	NA	5.0 U	5.2 U	5.2 U	9.0 U	10 U	**25**	**62**	NA	NA	NA
Anthracene	50	ug/L	NA	NA	NA	5.0 U	5.2 U	5.2 U	9.0 U	10 U	**10**	**12**	**9.1 J**	**5.8 J**	**3.5 J**
Benzo(a)anthracene	0.002	ug/L	NA	NA	NA	5.0 U	5.2 U	5.2 U	9.0 U	10 U	10 U	**1.0 J**	10 U	10 U	11 U
Benzo(a)pyrene	0	ug/L	NA	NA	NA	5.0 U	5.2 U	5.2 U	9.0 U	10 U	10 U	**0.60 J**	10 U	10 U	11 U
Benzo(b)fluoranthene	0.002	ug/L	NA	NA	NA	5.0 U	5.2 U	5.2 U	9.0 U	10 U	10 U	**0.50 J**	10 U	10 U	11 U
Benzo(g,h,i)perylene	- -	ug/L	NA	NA	NA	5.0 U	5.2 U	5.2 U	9.0 U	10 U	10 U	10 U	NA	NA	NA
Benzo(k)fluoranthene	0.002	ug/L	NA	NA	NA	5.0 U	5.2 U	5.2 U	9.0 U	10 U	10 U	10 U	10 U	10 U	11 U
Chrysene	0.002	ug/L	NA	NA	NA	5.0 U	5.2 U	5.2 U	9.0 U	10 U	10 U	**0.60 J**	10 U	10 U	11 U
Dibenzo(a,h)anthracene	- -	ug/L	NA	NA	NA	5.0 U	5.2 U	5.2 U	9.0 U	10 U	10 U	10 U	NA	NA	NA
Fluoranthene	50	ug/L	NA	NA	NA	5.0 U	5.2 U	5.2 U	9.0 U	10 U	**7.0 J**	**8.0 J**	**6.4 J**	**4.3 J**	**2.3 J**
Fluorene	50	ug/L	NA	NA	NA	5.0 U	5.2 U	5.2 U	9.0 U	10 U	**17**	**36**	**14 J**	**13**	**11**
Indeno(1,2,3-cd)pyrene	0.002	ug/L	NA	NA	NA	5.0 U	5.2 U	5.2 U	9.0 U	10 U	10 U	10 U	10 U	10 U	11 U
Naphthalene	10	ug/L	NA	NA	NA	5.0 U	5.2 U	5.2 U	9.0 U	10 U	**4.0 J**	**550 D**	**3.8 J**	**24**	**25**
Phenanthrene	50	ug/L	NA	NA	NA	5.0 U	5.2 U	5.2 U	9.0 U	10 U	**44**	**73**	**35 J**	**27**	**25**
Pyrene	50	ug/L	NA	NA	NA	5.0 U	5.2 U	5.2 U	9.0 U	10 U	**9.0 J**	**9.0 J**	**7.2 J**	**5.6 J**	**3.2 J**
Total PAHs	- -	ug/L	NA	NA	NA	ND	ND	ND	ND	ND	**270 J**	**1300 J**	**150 J**	**140 J**	**110 J**

See Notes on Page 11.

Table 3
Groundwater Analytical Data
2023 Periodic Review Report
New York State Electric & Gas
Dansville Former Manufactured Gas Plant Site

Location ID:	NYSDEC Groundwater Standards & Guidance Values	Units	PZ36 (cont.)						
Date Collected:			08/03/10	06/14/11	03/20/12	11/13/12	12/20/18	08/24/22	08/16/23
Volatile Organics									
Benzene	1	ug/L	**21**	**14**	**17**	**29**	**12**	**3.8**	**4.0 J**
Ethylbenzene	5	ug/L	**60**	5.0 U	**67**	**70**	**4.5**	**1.3**	1.0 UJ
m,p-Xylene	5	ug/L	**11**	10 U	**12**	**10**	NA	NA	NA
o-Xylene	5	ug/L	**34 J**	**7.4**	**46**	**57**	NA	NA	NA
Toluene	5	ug/L	**5.3**	5.0 U	**6.7**	**7.8**	1.0 U	1.0 U	1.0 UJ
Xylenes (total)	5	ug/L	**45 J**	**7.4**	**58**	**67**	**2.5**	2.0 U	2.0 UJ
Total BTEX	- -	ug/L	**130 J**	**21**	**150**	**170**	**19**	**5.1**	**4.0 J**
Semivolatile Organics									
2-Methylnaphthalene	- -	ug/L	10 U	NA	NA	NA	NA	5.2 U	5.0 U
Acenaphthene	20	ug/L	**68**	NA	NA	NA	**48**	**25**	**19**
Acenaphthylene	- -	ug/L	NA	NA	NA	NA	**13**	**9.0**	**7.6**
Anthracene	50	ug/L	**3.5 J**	NA	NA	NA	**1.6 J**	**0.64 J**	**0.58 J**
Benzo(a)anthracene	0.002	ug/L	10 U	NA	NA	NA	5.0 U	5.2 U	5.0 U
Benzo(a)pyrene	0	ug/L	10 U	NA	NA	NA	5.0 U	5.2 U	5.0 U
Benzo(b)fluoranthene	0.002	ug/L	10 U	NA	NA	NA	5.0 U	5.2 U	5.0 U
Benzo(g,h,i)perylene	- -	ug/L	NA	NA	NA	NA	5.0 U	5.2 U	5.0 U
Benzo(k)fluoranthene	0.002	ug/L	10 U	NA	NA	NA	5.0 U	5.2 U	5.0 U
Chrysene	0.002	ug/L	10 U	NA	NA	NA	5.0 U	5.2 U	5.0 U
Dibenzo(a,h)anthracene	- -	ug/L	NA	NA	NA	NA	5.0 U	5.2 U	5.0 U
Fluoranthene	50	ug/L	**2.7 J**	NA	NA	NA	**4.1 J**	**3.3 J**	**2.8 J**
Fluorene	50	ug/L	**12**	NA	NA	NA	**7.0**	**2.3 J**	**2.0 J**
Indeno(1,2,3-cd)pyrene	0.002	ug/L	10 U	NA	NA	NA	5.0 U	5.2 U	5.0 U
Naphthalene	10	ug/L	**8.4 J**	NA	NA	NA	5.0 U	5.2 U	5.0 U
Phenanthrene	50	ug/L	**8.3 J**	NA	NA	NA	**18**	**1.1 J**	**1.1 J**
Pyrene	50	ug/L	**3.4 J**	NA	NA	NA	**5.3**	**4.1 J**	**3.6 J**
Total PAHs	- -	ug/L	**110 J**	NA	NA	NA	**97 J**	**45 J**	**37 J**

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Table 3
Groundwater Analytical Data
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New York State Electric & Gas
Dansville Former Manufactured Gas Plant Site

Notes:
1. Sample results detected above the Method Detection Limit are presented in bold font.
2. Shading indicates that the result exceeds the NYSDEC Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standard or Guidance Values.

Acronyms and Abbreviations:
- - Indicates a standard or guidance value does not exist for the respective analyte.
BTEX - benzene, toluene, ethyl benzene, and xylenes
NA - not analyzed
ND - not detected
NYSDEC - New York State Department of Environmental Conservation
PAH - polycyclic aromatic hydrocarbon
PQL - practical quantitation limit
ug/L - micrograms per liter

Laboratory Qualifiers:
D - Compound quantitated using a secondary dilution.
J - Indicates that the analyte was detected at a concentration less than the PQL.
U - Indicates the constituent was not detected at the PQL. The value preceding the U indicates the PQL.

Table 4
Dissolved Oxygen Field Results
2023 Periodic Review Report
New York State Electric & Gas
Dansville Former Manufactured Gas Plant Site

Well ID	Gauging Date	Dissolved Oxygen (mg/L)
AW-01	2/24/2021	0.43
	2/25/2021	14.20
	5/18/2021	3.49
	8/11/2021	3.82
	11/23/2021	0.61
	2/22/2022	4.10
	5/27/2022	1.88
	8/22/2022	0.45
	11/17/2022	1.05
	2/15/2023	0.61
	8/14/2023	0.95
AW-02	2/24/2021	0.43
	2/25/2021	28.20
	5/18/2021	18.15
	8/11/2021	10.27
	11/23/2021	1.74
	2/22/2022	6.38
	5/27/2022	11.31
	8/22/2022	3.05
	11/17/2022	10.22
	2/15/2023	1.05
AW-03	2/24/2021	0.31
	2/25/2021	30.27
	5/18/2021	20.08
	8/11/2021	9.90
	11/23/2021	16.34
	2/22/2022	10.10
	5/27/2022	33.52
	8/22/2022	8.98
	11/17/2022	14.52
	2/15/2023	10.46
AW-04	2/24/2021	0.28
	2/25/2021	36.85
	5/18/2021	24.89
	8/11/2021	11.57
	11/23/2021	2.53
	2/22/2022	5.08
	5/27/2022	26.55
	8/22/2022	9.62
	11/17/2022	25.67
	2/15/2023	30.14
AW-05	2/24/2021	0.54
	2/25/2021	33.77
	5/18/2021	20.66
	8/11/2021	21.78
	11/23/2021	1.64
	2/22/2022	2.97
	5/27/2022	17.97
	8/22/2022	3.83
	11/17/2022	6.00
	2/15/2023	0.93
	8/14/2023	6.45
AW-06	2/24/2021	0.47
	2/25/2021	30.65
	5/18/2021	4.65
	8/11/2021	1.65
	11/23/2021	0.69
	2/22/2022	2.12
	5/27/2022	2.77
	8/22/2022	1.65

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Table 4
Dissolved Oxygen Field Results
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New York State Electric & Gas
Dansville Former Manufactured Gas Plant Site

Well ID	Gauging Date	Dissolved Oxygen (mg/L)
AW-06	11/17/2022	3.01
(cont.)	2/15/2023	0.79
AW-07	2/24/2021	1.87
	2/25/2021	32.55
	5/18/2021	7.85
	8/11/2021	1.55
	11/23/2021	1.56
	2/22/2022	2.49
	5/27/2022	18.34
	8/22/2022	3.01
	11/17/2022	11.36
	2/15/2023	3.04
AW-08	2/24/2021	0.53
	2/25/2021	31.16
	5/18/2021	13.17
	8/11/2021	7.82
	11/23/2021	1.25
	2/22/2022	6.98
	5/27/2022	9.07
	8/22/2022	5.47
	11/17/2022	5.66
	2/15/2023	1.35
AW-09	2/24/2021	0.36
	2/25/2021	32.95
	5/18/2021	15.00
	8/11/2021	23.47
	11/23/2021	3.98
	2/22/2022	3.40
	5/27/2022	31.62
	8/22/2022	35.80
	11/17/2022	18.88
	2/15/2023	16.06
	8/14/2023	17.23
AW-10	2/24/2021	0.32
	2/25/2021	31.42
	5/18/2021	19.00
	8/11/2021	17.70
	11/23/2021	4.80
	2/22/2022	3.99
	5/27/2022	21.85
	8/22/2022	15.60
	11/17/2022	17.03
	2/15/2023	10.48
AW-11	2/24/2021	1.90
	2/25/2021	36.24
	5/18/2021	18.47
	8/11/2021	7.04
	11/23/2021	2.53
	2/22/2022	2.77
	5/27/2022	28.84
	8/22/2022	6.29
	11/17/2022	9.80
	2/15/2023	2.02
AW-12	2/24/2021	0.33
	2/25/2021	33.45
	5/18/2021	21.50
	8/11/2021	17.59
	11/23/2021	13.00
	2/22/2022	10.88
	5/27/2022	24.02

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Table 4
Dissolved Oxygen Field Results
2023 Periodic Review Report
New York State Electric & Gas
Dansville Former Manufactured Gas Plant Site

Well ID	Gauging Date	Dissolved Oxygen (mg/L)
AW-12 (cont.)	8/22/2022	17.40
	11/17/2022	11.95
	2/15/2023	7.99
AW-13	2/24/2021	1.17
	2/25/2021	27.78
	5/18/2021	6.45
	8/11/2021	0.56
	11/23/2021	2.06
	2/22/2022	2.72
	5/27/2022	6.47
	8/22/2022	0.98
	11/17/2022	10.95
	2/15/2023	1.07
	8/14/2023	6.22
AW-14	2/24/2021	1.55
	2/25/2021	32.65
	5/18/2021	16.92
	8/11/2021	16.35
	11/23/2021	6.41
	2/22/2022	5.11
	5/27/2022	15.47
	8/22/2022	10.95
	11/17/2022	8.40
	2/15/2023	3.38
AW-15	2/24/2021	0.79
	2/25/2021	31.48
	5/18/2021	16.15
	8/11/2021	18.57
	11/23/2021	12.70
	2/22/2022	5.19
	5/27/2022	19.60
	8/22/2022	21.32
	11/17/2022	8.04
	2/15/2023	8.19
AW-16	2/24/2021	0.29
	2/25/2021	32.21
	5/18/2021	20.04
	8/11/2021	27.69
	11/23/2021	15.31
	2/22/2022	12.67
	5/27/2022	26.06
	8/22/2022	26.03
	11/17/2022	18.62
	2/15/2023	17.81
	8/14/2023	20.96
AW-17	2/24/2021	0.35
	2/25/2021	30.63
	5/18/2021	23.40
	8/11/2021	20.54
	11/23/2021	17.03
	2/22/2022	9.55
	5/27/2022	23.88
	8/22/2022	17.59
	11/17/2022	17.94
	2/15/2023	15.05
AW-18	2/24/2021	0.38
	2/25/2021	19.36
	5/18/2021	18.83
	8/11/2021	20.72
	11/23/2021	15.28

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Table 4
Dissolved Oxygen Field Results
2023 Periodic Review Report
New York State Electric & Gas
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Well ID	Gauging Date	Dissolved Oxygen (mg/L)
AW-18 (cont.)	2/22/2022	11.70
	5/27/2022	36.89
	8/22/2022	27.07
	11/17/2022	18.04
	2/15/2023	14.38
AW-19	2/24/2021	0.34
	2/25/2021	24.35
	5/18/2021	31.22
	8/11/2021	27.31
	11/23/2021	6.20
	2/22/2022	12.09
	5/27/2022	40.40
	8/22/2022	37.91
	11/17/2022	22.55
	2/15/2023	32.05
AW-20	2/24/2021	0.34
	2/25/2021	32.25
	5/18/2021	19.52
	8/11/2021	11.20
	11/23/2021	8.87
	2/22/2022	11.68
	5/27/2022	37.54
	8/22/2022	34.75
	11/17/2022	21.84
	2/15/2023	31.87
	8/14/2023	18.15
AW-21	2/24/2021	0.31
	2/25/2021	32.29
	5/18/2021	16.17
	8/11/2021	13.17
	11/23/2021	14.43
	2/22/2022	5.14
	5/27/2022	18.56
	8/22/2022	10.54
	11/17/2022	14.19
	2/15/2023	10.38
AW-22	2/24/2021	0.49
	2/25/2021	32.12
	5/18/2021	12.96
	8/11/2021	16.98
	11/23/2021	3.82
	2/22/2022	3.67
	5/27/2022	22.59
	8/22/2022	12.10
	11/17/2022	13.74
	2/15/2023	10.97
AW-23	2/24/2021	0.26
	2/25/2021	20.31
	5/18/2021	5.24
	8/11/2021	2.95
	11/23/2021	1.23
	2/22/2022	5.17
	5/27/2022	31.32
	8/22/2022	11.93
	11/17/2022	11.67
	2/15/2023	5.45
AW-24	2/24/2021	0.60
	2/25/2021	37.05
	5/18/2021	15.78
	8/11/2021	16.53

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Table 4
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New York State Electric & Gas
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Well ID	Gauging Date	Dissolved Oxygen (mg/L)
AW-24 (cont.)	11/23/2021	3.90
	2/22/2022	7.93
	5/27/2022	34.62
	8/22/2022	39.12
	11/17/2022	19.05
	2/15/2023	14.52
AW-25	2/24/2021	0.38
	2/25/2021	40.48
	5/18/2021	34.52
	8/11/2021	46.23
	11/23/2021	9.78
	2/22/2022	14.74
	5/27/2022	41.65
	8/22/2022	41.51
	11/17/2022	26.93
	2/15/2023	34.73
	8/14/2023	30.13
AW-26	2/24/2021	0.27
	2/25/2021	37.55
	5/18/2021	20.46
	8/11/2021	11.30
	11/23/2021	3.22
	2/22/2022	3.01
	5/27/2022	22.41
	8/22/2022	16.76
	11/17/2022	9.70
	2/15/2023	1.31
PMW-01	2/24/2021	0.61
	2/25/2021	1.48
	5/18/2021	1.22
	8/11/2021	0.90
	11/23/2021	0.21
	2/22/2022	1.62
	5/27/2022	0.89
	8/22/2022	0.40
	11/17/2022	0.57
	2/15/2023	0.72
	8/14/2023	0.58
PMW-02	2/24/2021	0.32
	2/25/2021	0.30
	5/18/2021	1.31
	8/11/2021	0.31
	11/23/2021	0.23
	2/22/2022	1.75
	5/27/2022	1.21
	8/22/2022	0.37
	11/17/2022	0.83
	2/15/2023	0.65
	8/14/2023	0.41
PMW-03	2/24/2021	2.45
	2/25/2021	2.94
	5/18/2021	1.18
	8/11/2021	0.16
	11/23/2021	0.27
	2/22/2022	7.17
	5/27/2022	1.53
	8/22/2022	1.16
	11/17/2022	0.25
	2/15/2023	0.58
	8/14/2023	--

See Notes on Page 6.

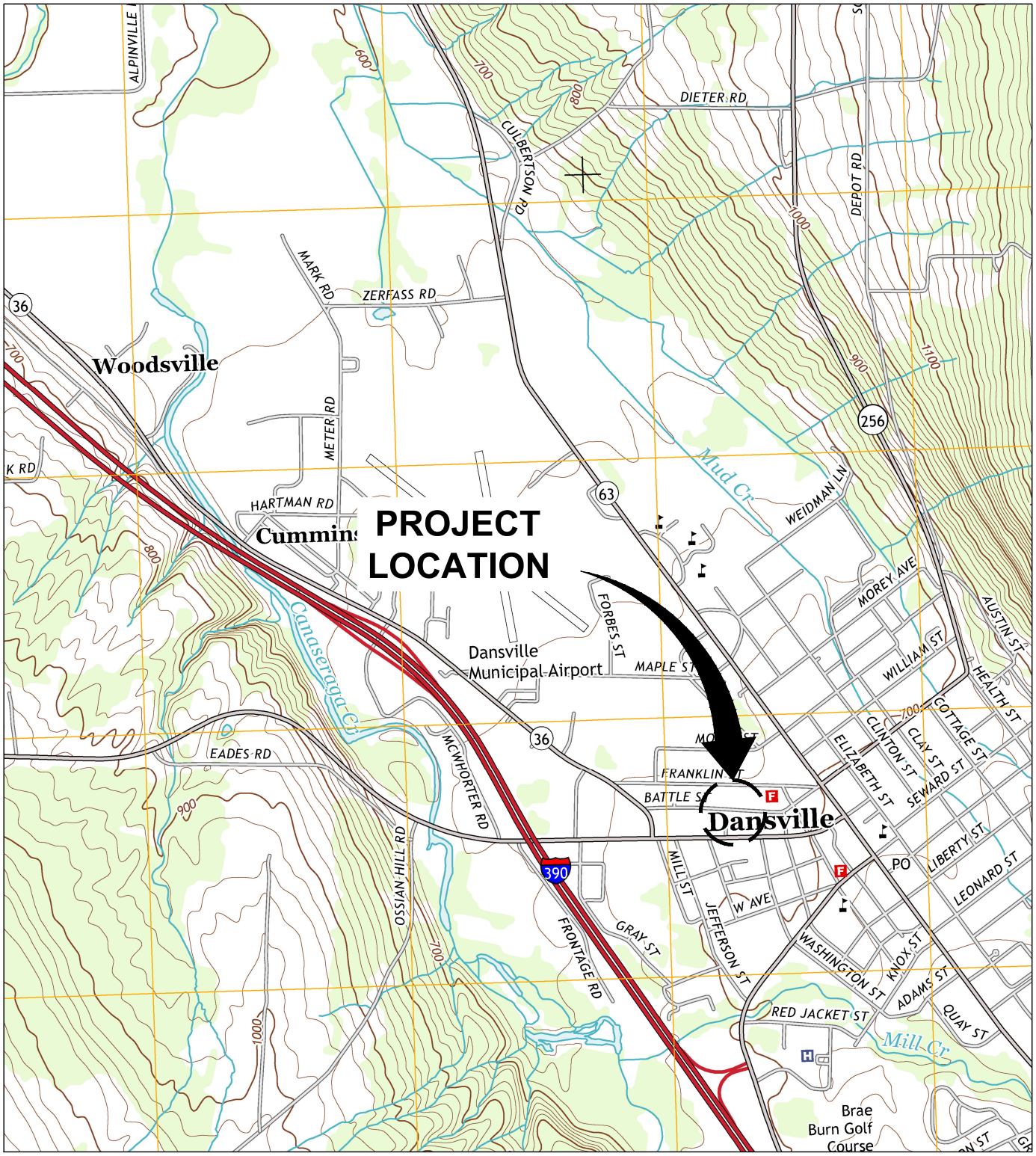
Table 4
Dissolved Oxygen Field Results
2023 Periodic Review Report
New York State Electric & Gas
Dansville Former Manufactured Gas Plant Site

Well ID	Gauging Date	Dissolved Oxygen (mg/L)
PMW-04	2/24/2021	0.87
	2/25/2021	0.22
	5/18/2021	0.76
	8/11/2021	0.19
	11/23/2021	0.26
	2/22/2022	2.15
	5/27/2022	1.54
	8/22/2022	0.45
	11/17/2022	0.32
	2/15/2023	0.87
	8/14/2023	0.62
PMW-05	2/24/2021	0.19
	2/25/2021	1.31
	5/18/2021	1.11
	8/11/2021	0.17
	11/23/2021	0.77
	2/22/2022	2.69
	5/27/2022	3.52
	8/22/2022	2.35
	11/17/2022	0.58
	2/15/2023	1.92
PMW-06	2/24/2021	0.19
	2/25/2021	0.29
	5/18/2021	4.67
	8/11/2021	0.12
	11/23/2021	0.87
	2/22/2022	2.63
	5/27/2022	2.13
	8/22/2022	0.71
	11/17/2022	0.78
	2/15/2023	3.15

Notes:
1. Dissolved oxygen measurements recorded in the field using a digital water quality meter.
2. Dissolved oxygen measurement locations were reduced from all application wells to a select subset of application wells during the 2023 reporting period and in accordance with Table 4.2 of the NYSDEC approved 2022 Site Management Plan (Arcadis 2022).

Acronyms and Abbreviations:
-- Indicates measurement mistakenly not collected in the field.
mg/L - milligrams per liter

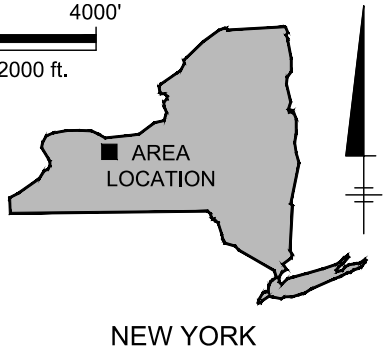
Figures



REFERENCE: BASE MAP USGS 7.5 MINUTE QUADRANGLE., DANSVILLE, N.Y. 2013.

0 2000' 4000'

Approximate Scale: 1 in. = 2000 ft.

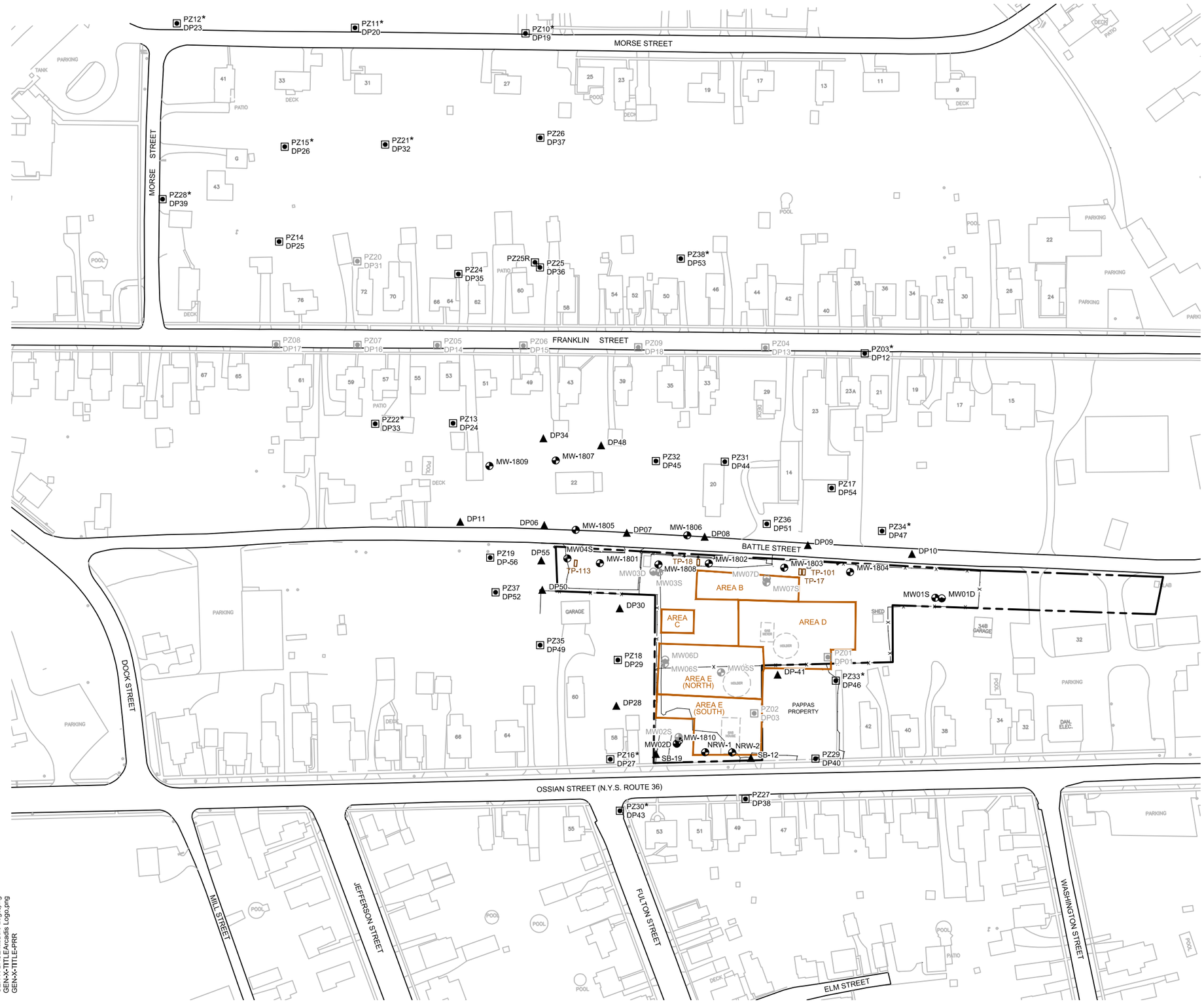


NYSEG
DANSVILLE FORMER MGP SITE (OU-1 and OU-2)
DANSVILLE, NEW YORK
2023 PERIODIC REVIEW REPORT

SITE LOCATION MAP

ARCADIS

FIGURE 1



LEGEND:

- HISTORICAL SOIL BORING LOCATION
- HISTORICAL TEST PIT LOCATION
- DEEP MONITORING WELL LOCATION (GRAY = ABANDONED)
- SHALLOW MONITORING WELL LOCATION (GRAY = ABANDONED)
- PIEZOMETER LOCATION (GRAY = ABANDONED)
- NYSEG PROPERTY BOUNDARY
- FENCE LINE
- FORMER MGP STRUCTURE
- LIMITS OF OU-1 EXCAVATION

N

NOTES:

1. ALL LOCATIONS ARE APPROXIMATE.
2. ONLY SELECT MONITORING WELL, SOIL BORING, PIEZOMETER, AND TEST PIT LOCATIONS ARE SHOWN ON THE NYSEG PROPERTY AS A MAJORITY OF THE LOCATIONS WERE REMEDIATED IN 2014. SEE PREVIOUS SITE REPORTS FOR ADDITIONAL INVESTIGATION LOCATIONS.
3. AN ASTERISK (*) INDICATES THAT THE CONDITION AND USABILITY OF THE WELL OR PIEZOMETER IS UNKNOWN. THE LOCATION MAY BE ABANDONED OR DESTROYED.
4. BASE MAP PREPARED FROM DWG FILE PROVIDED BY NYSEG, DATED 10/2/2006, TITLED EXPANDED DANSVILLE MGP SITE, AT A SCALE OF 1"=100'.

0 150' 300'

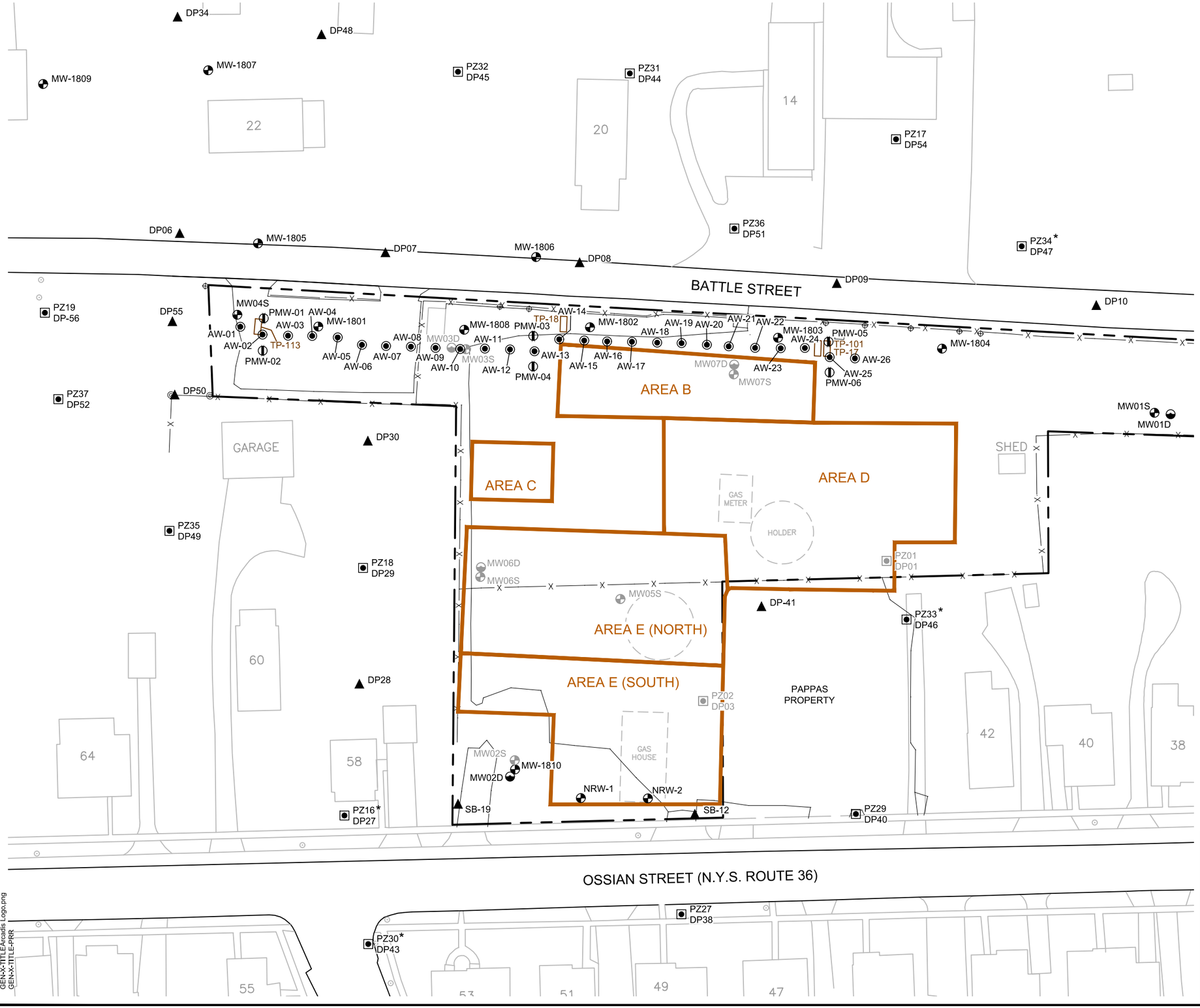
GRAPHIC SCALE

NYSEG
DANSVILLE FORMER MGP SITE (OU-1 and OU-2)
DANSVILLE, NEW YORK
2023 PERIODIC REVIEW REPORT

SITE LAYOUT

ARCADIS

FIGURE
2



LEGEND:

- HISTORICAL SOIL BORING LOCATION
- HISTORICAL TEST PIT LOCATION
- DEEP MONITORING WELL LOCATION (GRAY = ABANDONED)
- SHALLOW MONITORING WELL LOCATION (GRAY = ABANDONED)
- PIEZOMETER LOCATION (GRAY = ABANDONED)
- APPLICATION WELL
- PERFORMANCE WELL
- NYSEG PROPERTY BOUNDARY
- FENCE LINE
- FORMER MGP STRUCTURE
- LIMITS OF OU-1 EXCAVATION

N

NOTES:

1. ALL LOCATIONS ARE APPROXIMATE.
2. ONLY SELECT MONITORING WELL, SOIL BORING, PIEZOMETER, AND TEST PIT LOCATIONS ARE SHOWN ON THE NYSEG PROPERTY AS A MAJORITY OF THE LOCATIONS WERE REMEDIATED IN 2014. SEE PREVIOUS SITE REPORTS FOR ADDITIONAL INVESTIGATION LOCATIONS.
3. AN ASTERISK (*) INDICATES THAT THE CONDITION AND USABILITY OF THE WELL OR PIEZOMETER IS UNKNOWN. THE LOCATION MAY BE ABANDONED OR DESTROYED.
4. BASE MAP PREPARED FROM DWG FILE PROVIDED BY NYSEG, DATED 10/2/2006, TITLED EXPANDED DANSVILLE MGP SITE, AT A SCALE OF 1"=100'.

0 60' 120'

GRAPHIC SCALE

NYSEG
DANSVILLE FORMER MGP SITE (OU-1 and OU-2)
DANSVILLE, NEW YORK
2023 PERIODIC REVIEW REPORT

SITE LAYOUT DETAIL

ARCADIS

FIGURE
3

C:\Users\wdberndg.ARCADIS-US\DC\ACCDocs\Arcadis ACC USA\US-99999999-NYSEG_DANSVILLE FMR MGP_DANSVILLE_NY\Project Files\10_WIP\10T_ARC_ENV2024101-DWG\GEN-F03-SITE LAYOUT DETAIL.dwg LAYOUT: 3 (2) SAVED: 2/15/2024 7:10 PM ACADVER: 23.0S (LMS TECH) PAGESETUP:
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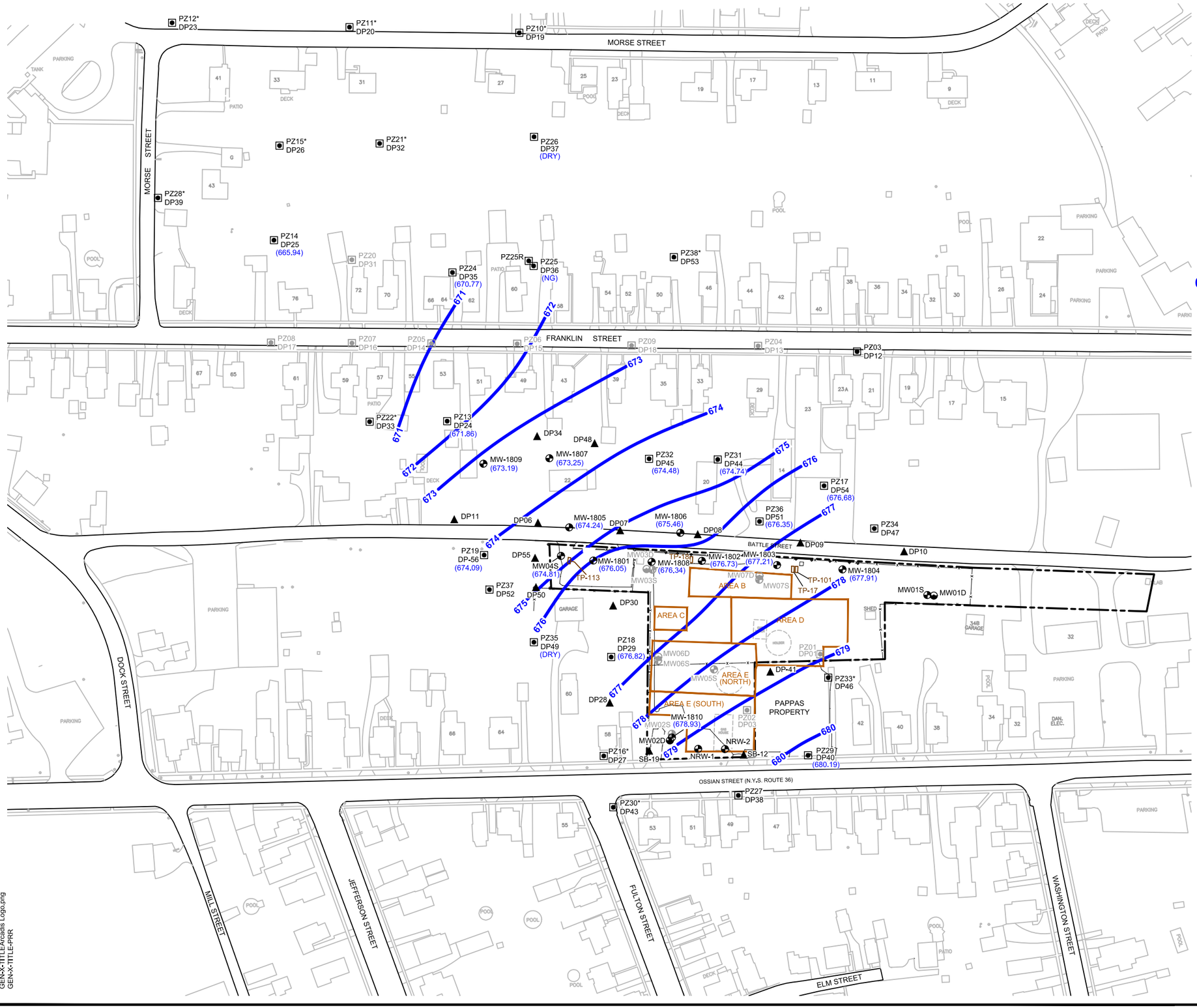
GEN-X-TITLE.dwg GEN-X-TITLE Arcadis Logo.png
GEN-X-TITLE-PRR



LEGEND:

- HISTORICAL SOIL BORING LOCATION
- HISTORICAL TEST PIT LOCATION
- DEEP MONITORING WELL LOCATION (GRAY = ABANDONED)
- SHALLOW MONITORING WELL LOCATION (GRAY = ABANDONED)
- PIEZOMETER LOCATION (GRAY = ABANDONED)
- NYSEG PROPERTY BOUNDARY
- FENCE LINE
- FORMER MGP STRUCTURE
- LIMITS OF OU-1 EXCAVATION
- 681 POTENTIOMETRIC CONTOUR ELEVATION
- (679.40) GROUNDWATER ELEVATION
- (NG) NOT GAUGED

N

NOTES:

1. ALL LOCATIONS ARE APPROXIMATE.
2. ONLY SELECT MONITORING WELL, SOIL BORING, PIEZOMETER, AND TEST PIT LOCATIONS ARE SHOWN ON THE NYSEG PROPERTY AS A MAJORITY OF THE LOCATIONS WERE REMEDIATED IN 2014. SEE PREVIOUS SITE REPORTS FOR ADDITIONAL INVESTIGATION LOCATIONS.
3. ONE ASTERISK (*) INDICATES THAT THE CONDITION AND USABILITY OF THE WELL OR PIEZOMETER IS UNKNOWN. THE LOCATION MAY BE ABANDONED OR DESTROYED.
4. TWO ASTERISKS (**) INDICATES THAT THE GROUNDWATER ELEVATION WAS NOT USED FOR CONTOURING.
5. BASE MAP PREPARED FROM DWG FILE PROVIDED BY NYSEG, DATED 10/2/2006, TITLED EXPANDED DANSVILLE MGP SITE, AT A SCALE OF 1"=100'.
6. ALL ELEVATIONS ARE REFERENCED TO NAVD88.

0 150' 300'

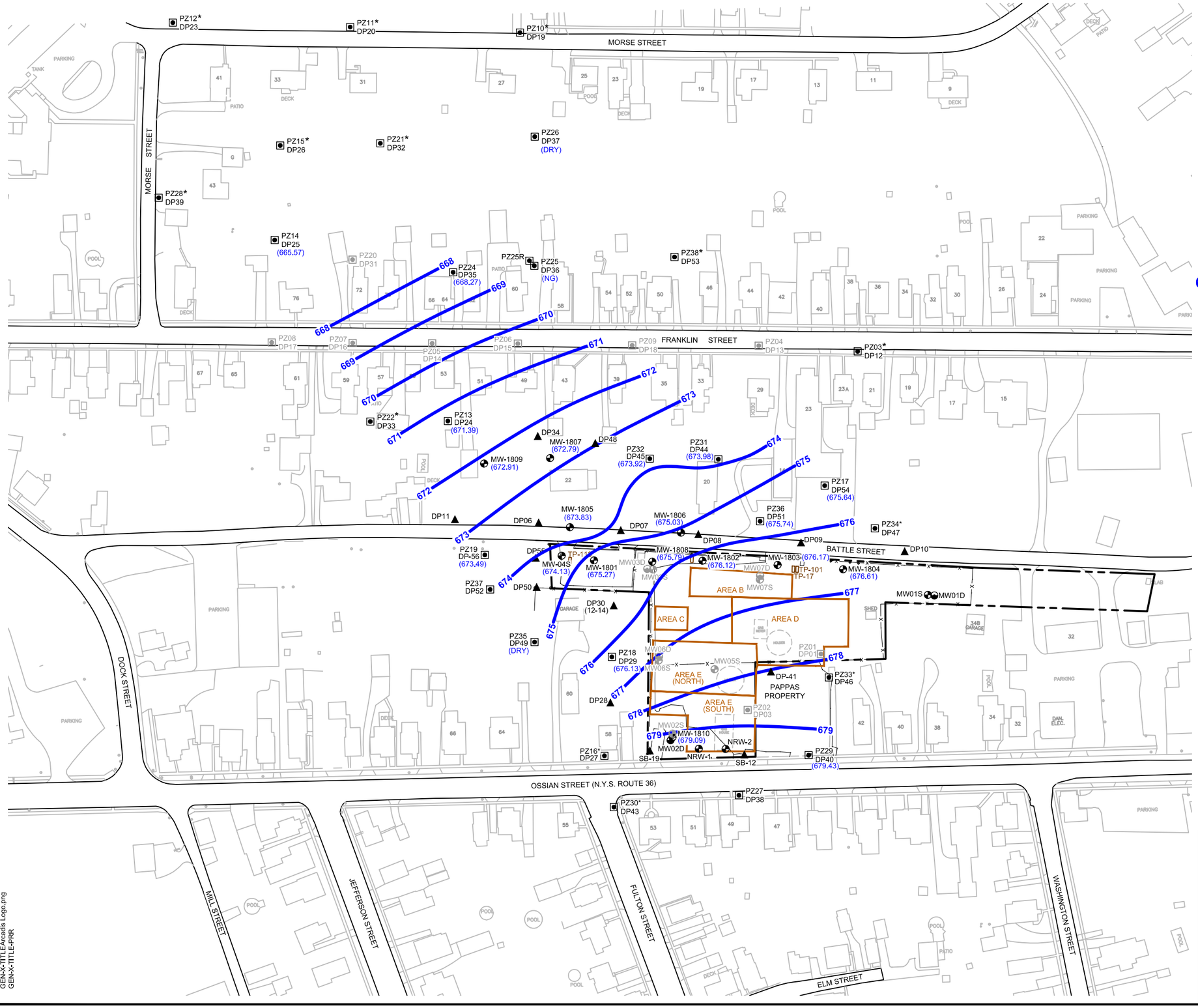
GRAPHIC SCALE

NYSEG
DANSVILLE FORMER MGP SITE (OU-1 and OU-2)
DANSVILLE, NEW YORK
2023 PERIODIC REVIEW REPORT

GROUNDWATER ELEVATION CONTOURS FEBRUARY 15, 2023

ARCADIS

FIGURE 4



LEGEND:

- HISTORICAL SOIL BORING LOCATION
- HISTORICAL TEST PIT LOCATION
- DEEP MONITORING WELL LOCATION (GRAY = ABANDONED)
- SHALLOW MONITORING WELL LOCATION (GRAY = ABANDONED)
- PIEZOMETER LOCATION (GRAY = ABANDONED)
- NYSEG PROPERTY BOUNDARY
- FENCE LINE
- FORMER MGP STRUCTURE
- LIMITS OF OU-1 EXCAVATION
- 680 POTENTIOMETRIC CONTOUR ELEVATION
- (676.64) GROUNDWATER ELEVATION

N

NOTES:

1. ALL LOCATIONS ARE APPROXIMATE.
2. ONLY SELECT MONITORING WELL, SOIL BORING, PIEZOMETER, AND TEST PIT LOCATIONS ARE SHOWN ON THE NYSEG PROPERTY AS A MAJORITY OF THE LOCATIONS WERE REMEDIATED IN 2014. SEE PREVIOUS SITE REPORTS FOR ADDITIONAL INVESTIGATION LOCATIONS.
3. AN ASTERISK (*) INDICATES THAT THE CONDITION AND USABILITY OF THE WELL OR PIEZOMETER IS UNKNOWN. THE LOCATION MAY BE ABANDONED OR DESTROYED.
4. BASE MAP PREPARED FROM DWG FILE PROVIDED BY NYSEG, DATED 10/2/2006, TITLED EXPANDED DANSVILLE MGP SITE, AT A SCALE OF 1"=100'.
5. ALL ELEVATIONS ARE REFERENCED TO NAVD88.

0 150' 300'

GRAPHIC SCALE

NYSEG
DANSVILLE FORMER MGP SITE (OU-1 and OU-2)
DANSVILLE, NEW YORK
2023 PERIODIC REVIEW REPORT

GROUNDWATER ELEVATION CONTOURS AUGUST 14, 2023

ARCADIS

FIGURE 5

C:\Users\wbernd\g.ARCADIS-US\DC\ACCDocs\Arcadis ACC US\AUS-999999999-NYSEG_DANSVILLE FMR MGP_DANSVILLE_NY\Project Files\10_WIP\10T_ARC_ENV\2024\01-DWG\GWM-2023AR-F05-CONTOURS.dwg LAYOUT: 5 (2) SAVED: 2/28/2024 10:52 AM ACADVER: 23.0S (LMS TECH)
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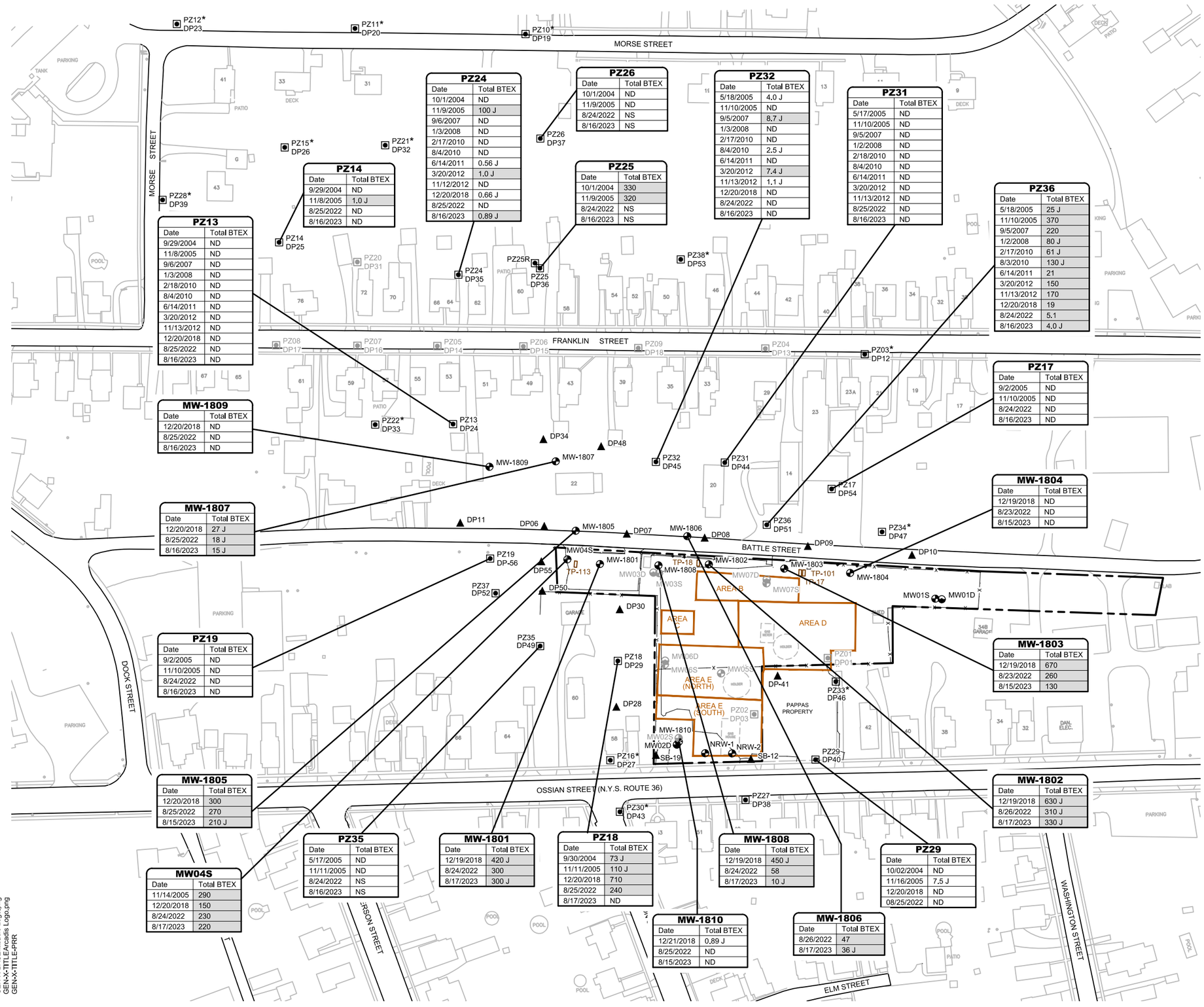
GEN-X-TITLEArcadis Logo.png
GEN-X-TITLE-PRR



PZ24	
Date	Total BTEX
10/1/2004	ND
11/9/2005	100 J
9/6/2007	ND
1/3/2008	ND
2/17/2010	ND
8/4/2010	ND
6/14/2011	0.56 J
3/20/2012	1.0 J
11/12/2012	ND
12/20/2018	0.66 J
8/25/2022	ND
8/16/2023	0.89 J

PZ26	
Date	Total BTEX
10/1/2004	ND
11/9/2005	ND
8/24/2022	NS
8/16/2023	NS

PZ32	
Date	Total BTEX
5/18/2005	4.0 J
11/10/2005	ND
9/5/2007	8.7 J
1/3/2008	ND
2/17/2010	ND
8/4/2010	2.5 J
6/14/2011	ND
3/20/2012	7.4 J
11/13/2012	1.1 J
12/20/2018	ND
8/24/2022	ND
8/16/2023	ND

PZ31	
Date	Total BTEX
5/17/2005	ND
11/10/2005	ND
9/5/2007	ND
1/2/2008	ND
2/18/2010	ND
8/4/2010	ND
6/14/2011	ND
3/20/2012	ND
11/13/2012	ND
8/25/2022	ND
8/16/2023	ND

PZ14	
Date	Total BTEX
9/29/2004	ND
11/8/2005	1.0 J
8/25/2022	ND
8/16/2023	ND

PZ25	
Date	Total BTEX
10/1/2004	330
11/9/2005	320
8/24/2022	NS
8/16/2023	NS

PZ36	
Date	Total BTEX
5/18/2005	25 J
11/10/2005	370
9/5/2007	220
1/2/2008	80 J
2/17/2010	61 J
8/3/2010	130 J
6/14/2011	21
3/20/2012	150
11/13/2012	170
12/20/2018	19
8/24/2022	5.1
8/16/2023	4.0 J

PZ13	
Date	Total BTEX
9/29/2004	ND
11/8/2005	ND
9/6/2007	ND
1/3/2008	ND
2/18/2010	ND
8/4/2010	ND
6/14/2011	ND
3/20/2012	ND
11/13/2012	ND
12/20/2018	ND
8/25/2022	ND
8/16/2023	ND

PZ17	
Date	Total BTEX
9/2/2005	ND
11/10/2005	ND
8/24/2022	ND
8/16/2023	ND

MW-1809	
Date	Total BTEX
12/20/2018	ND
8/25/2022	ND
8/16/2023	ND

MW-1804	
Date	Total BTEX
12/19/2018	ND
8/23/2022	ND
8/15/2023	ND

MW-1807	
Date	Total BTEX
12/20/2018	27 J
8/25/2022	18 J
8/16/2023	15 J

PZ19	
Date	Total BTEX
9/2/2005	ND
11/10/2005	ND
8/24/2022	ND
8/16/2023	ND

MW-1803	
Date	Total BTEX
12/19/2018	670
8/23/2022	260
8/15/2023	130

MW-1805	
Date	Total BTEX
12/20/2018	300
8/25/2022	270
8/15/2023	210 J

MW-1802	
Date	Total BTEX
12/19/2018	630 J
8/26/2022	310 J
8/17/2023	330 J

MW04S	
Date	Total BTEX
11/14/2005	290
12/20/2018	150
8/24/2022	230
8/17/2023	220

PZ35	
Date	Total BTEX
5/17/2005	ND
11/11/2005	ND
8/24/2022	NS
8/16/2023	NS

MW-1801	
Date	Total BTEX
12/19/2018	420 J
8/24/2022	300
8/17/2023	300 J

PZ18	
Date	Total BTEX
9/30/2004	73 J
11/11/2005	110 J
12/20/2018	710
8/25/2022	240
8/17/2023	ND

MW-1808	
Date	Total BTEX
12/19/2018	450 J
8/24/2022	58
8/17/2023	10 J

PZ29	
Date	Total BTEX
10/02/2004	ND
11/16/2005	7.5 J
12/20/2018	ND
08/25/2022	ND

MW-1810	
Date	Total BTEX
12/21/2018	0,89 J
8/25/2022	ND
8/15/2023	ND

MW-1806	
Date	Total BTEX
8/26/2022	47
8/17/2023	36 J

LEGEND:

- HISTORICAL SOIL BORING LOCATION
- HISTORICAL TEST PIT LOCATION
- DEEP MONITORING WELL LOCATION (GRAY = ABANDONED)
- SHALLOW MONITORING WELL LOCATION (GRAY = ABANDONED)
- PIEZOMETER LOCATION (GRAY = ABANDONED)
- NYSEG PROPERTY BOUNDARY
- FENCE LINE
- FORMER MGP STRUCTURE
- LIMITS OF OU-1 EXCAVATION

N

NOTES:

1. ALL LOCATIONS ARE APPROXIMATE.
2. ONLY SELECT MONITORING WELL, SOIL BORING, PIEZOMETER, AND TEST PIT LOCATIONS ARE SHOWN ON THE NYSEG PROPERTY AS A MAJORITY OF THE LOCATIONS WERE REMEDIATED IN 2014. SEE PREVIOUS SITE REPORTS FOR ADDITIONAL INVESTIGATION LOCATIONS.
3. AN ASTERISK (*) INDICATES THAT THE CONDITION AND USABILITY OF THE WELL OR PIEZOMETER IS UNKNOWN. THE LOCATION MAY BE ABANDONED OR DESTROYED.
4. BASE MAP PREPARED FROM .DWG FILE PROVIDED BY NYSEG, DATED 10-2-2006, TITLED EXPANDED DANSVILLE MGP SITE, AT A SCALE OF 1"=100'.
5. ALL CONCENTRATIONS ARE IN MICROGRAMS PER LITER (µg/L).
6. BTEX - BENZENE, TOLUENE, ETHYLBENZENE, XYLENES.
7. J - QUALIFIER INDICATES AN ESTIMATED VALUE.
8. ND - NOT DETECTED.
9. NS - NO SAMPLE COLLECTED.
10. SHADING INDICATES THAT ONE OR MORE BTEX CONSTITUENTS EXCEEDED THE NYSDEC TOGS 1.1.1 WATER QUALITY STANDARD OR GUIDANCE VALUE.

0 150' 300'

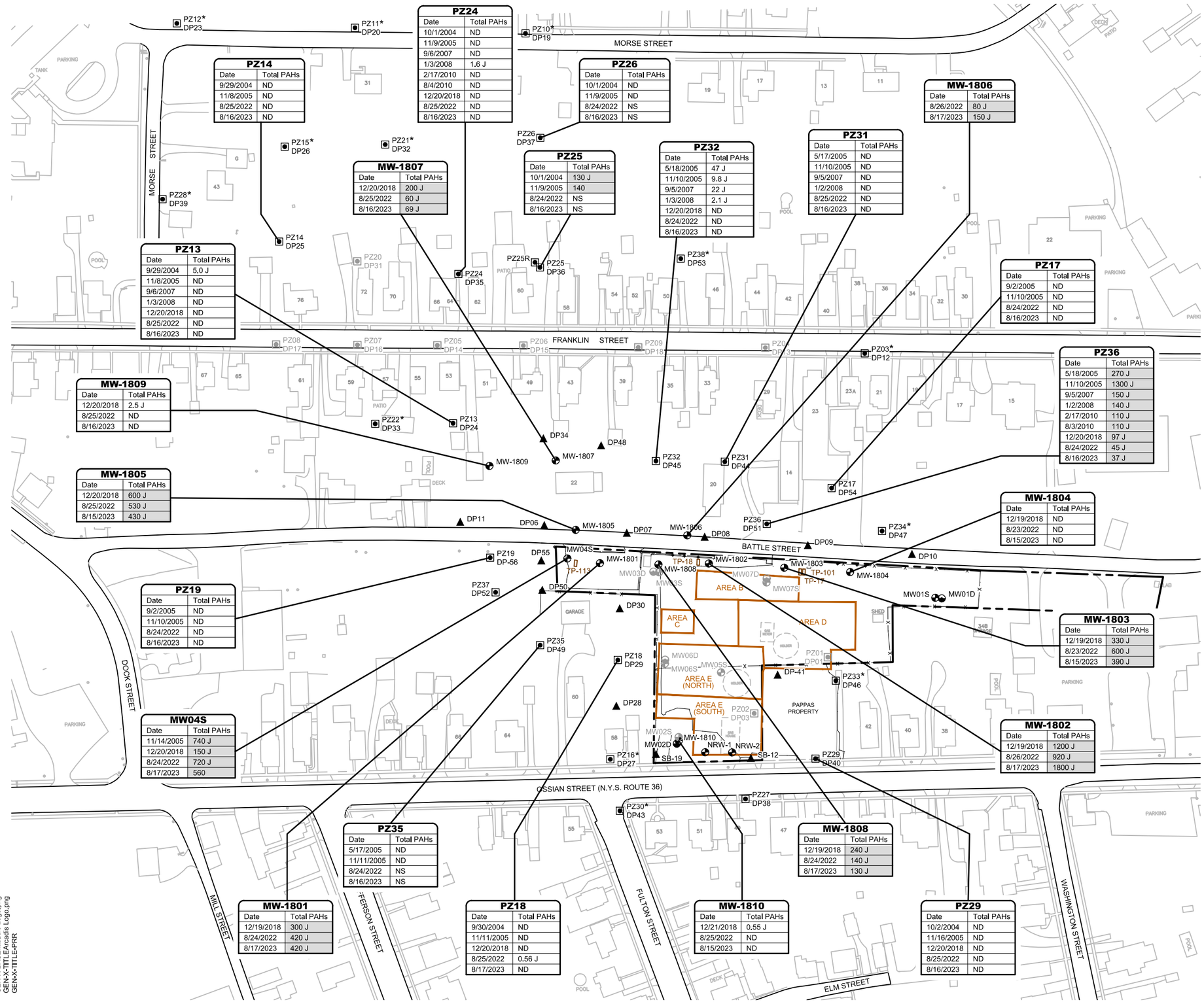
GRAPHIC SCALE

NYSEG
DANSVILLE FORMER MGP SITE (OU-1 and OU-2)
DANSVILLE, NEW YORK
2023 PERIODIC REVIEW REPORT

TOTAL BTEX CONCENTRATIONS IN GROUNDWATER

ARCADIS

FIGURE
6



LEGEND:

- HISTORICAL SOIL BORING LOCATION
- HISTORICAL TEST PIT LOCATION
- DEEP MONITORING WELL LOCATION (GRAY = ABANDONED)
- SHALLOW MONITORING WELL LOCATION (GRAY = ABANDONED)
- PIEZOMETER LOCATION (GRAY = ABANDONED)
- NYSEG PROPERTY BOUNDARY
- FENCE LINE
- FORMER MGP STRUCTURE
- LIMITS OF OU-1 EXCAVATION

NOTES:

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2. ONLY SELECT MONITORING WELL, SOIL BORING, PIEZOMETER, AND TEST PIT LOCATIONS ARE SHOWN ON THE NYSEG PROPERTY AS A MAJORITY OF THE LOCATIONS WERE REMEDIATED IN 2014. SEE THE PREVIOUS SITE REPORTS FOR ADDITIONAL INVESTIGATION LOCATIONS.
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5. ALL CONCENTRATIONS ARE IN MICROGRAMS PER LITER (µg/L).
6. J - QUALIFIER INDICATES AN ESTIMATED VALUE.
7. ND - NOT DETECTED.
8. NS - NO SAMPLE COLLECTED.
9. PAH - POLYCYCLIC AROMATIC HYDROCARBONS.
10. SHADING INDICATES THAT ONE OR MORE PAH CONSTITUENTS EXCEED THE NYSDEC TOGS 1.1.1 WATER QUALITY STANDARD OR GUIDANCE VALUE.

0 150' 300'

GRAPHIC SCALE

NYSEG
DANSVILLE FORMER MGP SITE (OU-1 and OU-2)
DANSVILLE, NEW YORK
2023 PERIODIC REVIEW REPORT

TOTAL PAH CONCENTRATIONS IN GROUNDWATER

ARCADIS

FIGURE 7

Appendix A

Laboratory Data Package

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. John J Ruspantini
New York State Electric & Gas
18 Link Drive
Binghamton, New York 13902

Generated 9/5/2023 3:52:10 PM

JOB DESCRIPTION

NYSEG - Dansville MGP

JOB NUMBER

480-211970-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization

Generated
9/5/2023 3:52:10 PM

Authorized for release by
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@et.eurofinsus.com
Designee for
John Schove, Project Manager II
John.Schove@et.eurofinsus.com
(716)504-9838

Table of Contents

Definitions/Glossary

Client: New York State Electric & Gas
Project/Site: NYSEG - Dansville MGP

Job ID: 480-211970-1

Qualifiers

GC/MS VOA

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.

GC/MS Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*3	ISTD response or retention time outside acceptable limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD 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.

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
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 ID: 480-211970-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative
480-211970-1

Comments
No additional comments.

Receipt
The samples were received on 8/17/2023 7:15 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 3.2º C, 3.5º C and 4.1º C.

Receipt Exceptions

The following samples were submitted for analysis; however, it was not listed on the Chain-of-Custody (COC): MW-1803 (480-211970-23) and MW-1804 (480-211970-24)

GC/MS VOA
Method 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: DUP-02-20230815 (480-211970-4). Elevated reporting limits (RLs) are provided.

Method 8260C: The following sample was diluted due to the abundance of non-target analytes: MW-1803 (480-211970-23). Elevated reporting limits (RLs) are provided.

Method 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: MW-1805 (480-211970-1), MW-1805 MS (480-211970-1[MS]), MW-1805 MSD (480-211970-1[MSD]), MW-1807 (480-211970-10) and MW-1808 (480-211970-18). Elevated reporting limits (RLs) are provided.

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-045 (480-211970-17). Elevated reporting limits (RLs) are provided.

Method 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: MW-1801 (480-211970-16), MW-1802 (480-211970-19), MW-1806 (480-211970-21), (480-211970-E-19 MS) and (480-211970-E-19 MSD). Elevated reporting limits (RLs) are provided.

Method 8260C: The method requirement for no headspace was not met. The following volatile samples were analyzed with headspace in the sample container(s): PZ-36 (480-211970-11), MW-1801 (480-211970-16), MW-1802 (480-211970-19), MW-1806 (480-211970-21), (480-211970-E-19 MS) and (480-211970-E-19 MSD).

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: The following sample was diluted due to color, appearance, and viscosity: MW-1806 (480-211970-21). Elevated reporting limits (RL) are provided.

Method 8270D: Three surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: MW-1805 MS (480-211970-1[MS]), MW-1805 MSD (480-211970-1[MSD]), DUP-01-20230815 (480-211970-3), PZ-31 (480-211970-8), MW-1801 (480-211970-16), MW-045 (480-211970-17), MW-1808 (480-211970-18), MW-1802 (480-211970-19), PZ-18 (480-211970-20) and MW-1806 (480-211970-21). These results have been reported and qualified.

Method 8270D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 480-680599 and analytical batch 480-680677 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits: MW-1805 MS (480-211970-1[MS]) and MW-1805 MSD (480-211970-1[MSD]).

Method 8270D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-1805

Job ID: 480-211970-1 (Continued)

Laboratory: Eurofins Buffalo (Continued)

(480-211970-1), MW-1805 MS (480-211970-1[MS]), MW-1805 MSD (480-211970-1[MSD]), DUP-02-20230815 (480-211970-4), MW-1801 (480-211970-16), MW-045 (480-211970-17) and MW-1808 (480-211970-18). Elevated reporting limits (RLs) are provided.

Methods 8270D, 8270D_LL_PAH: Three surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: MW-1805 (480-211970-1), MW-1805 MS (480-211970-1[MS]), MW-1805 MSD (480-211970-1[MSD]), DUP-02-20230815 (480-211970-4), MW-1801 (480-211970-16), MW-045 (480-211970-17), MW-1808 (480-211970-18), MW-1802 (480-211970-19), (LCS 480-680704/2-A) and (MB 480-680704/1-A). These results have been reported and qualified.

Methods 8270D, 8270D_LL_PAH: The associated samples were inadvertently spiked with internal standard at a concentration of 40 ug/L instead of 4 ug/L. Surrogate and spike recoveries are within expected limits, therefore data has been reported: MW-1810 (480-211970-2), MW-1810 MS (480-211970-2[MS]), MW-1810 MSD (480-211970-2[MSD]), MW-1804 (480-211970-24), (LCS 480-680704/2-A) and (MB 480-680704/1-A)

Method 8270D: Surrogate recovery for the following sample was outside the upper control limit: MW-1804 (480-211970-24). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8270D: Surrogate recovery for the following samples were outside control limits: MW-1810 (480-211970-2), MW-1810 MS (480-211970-2[MS]) and MW-1810 MSD (480-211970-2[MSD]). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8270D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-1802 (480-211970-19). Elevated reporting limits (RLs) are provided.

Method 8270D: The following sample required a dilution due to the abundance of target analytes: MW-1802 (480-211970-19). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8270D: The laboratory control sample (LCS) for preparation batch 480-680704 and analytical batch 480-680873 recovered outside control limits for the following analytes: 1-Methylnaphthalene, 2-Methylnaphthalene, Anthracene, Fluoranthene, Naphthalene and Phenanthrene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported: MW-1810 (480-211970-2) and MW-1804 (480-211970-24).

Method 8270D: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-1803 (480-211970-23). Elevated reporting limits (RLs) are provided.

Method 8270D: The laboratory control sample (LCS) for prep batch 480-680704 recovered outside control limits for the following analytes: 1-Methylnaphthalene, 2-Methylnaphthalene, Anthracene, Fluoranthene, Naphthalene and Phenanthrene. No volume remains for associated sample MW-1803 (480-211970-23). Therefore, the data has been reported.

Method 8270D: Three surrogates are used for this analysis. The laboratory's SOP allows one 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-1803 (480-211970-23). These results have been reported and qualified.

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

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

Detection Summary

Client: New York State Electric & Gas
Project/Site: NYSEG - Dansville MGP

Job ID: 480-211970-1

Client Sample ID: MW-1805 — Lab Sample ID: 480-211970-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	51		5.0	2.1	ug/L	5		8260C	Total/NA
Ethylbenzene	100		5.0	3.7	ug/L	5		8260C	Total/NA
Toluene	4.6	J	5.0	2.6	ug/L	5		8260C	Total/NA
Xylenes, Total	58		10	3.3	ug/L	5		8260C	Total/NA
1-Methylnaphthalene	180	E	5.0	0.73	ug/L	1		8270D	Total/NA
2-Methylnaphthalene	30		5.0	0.60	ug/L	1		8270D	Total/NA
Acenaphthene	120	E F1	5.0	0.41	ug/L	1		8270D	Total/NA
Acenaphthylene	6.2		5.0	0.38	ug/L	1		8270D	Total/NA
Anthracene	11		5.0	0.28	ug/L	1		8270D	Total/NA
Fluoranthene	3.5	J	5.0	0.40	ug/L	1		8270D	Total/NA
Fluorene	44		5.0	0.36	ug/L	1		8270D	Total/NA
Naphthalene	130	E F1	5.0	0.76	ug/L	1		8270D	Total/NA
Phenanthrene	55	F1	5.0	0.44	ug/L	1		8270D	Total/NA
Pyrene	4.0	J	5.0	0.34	ug/L	1		8270D	Total/NA
1-Methylnaphthalene - DL	220		50	7.3	ug/L	10		8270D	Total/NA
2-Methylnaphthalene - DL	26	J	50	6.0	ug/L	10		8270D	Total/NA
Acenaphthene - DL	130		50	4.1	ug/L	10		8270D	Total/NA
Acenaphthylene - DL	6.2	J	50	3.8	ug/L	10		8270D	Total/NA
Anthracene - DL	15	J	50	2.8	ug/L	10		8270D	Total/NA
Fluorene - DL	48	J	50	3.6	ug/L	10		8270D	Total/NA
Naphthalene - DL	150	F2	50	7.6	ug/L	10		8270D	Total/NA
Phenanthrene - DL	54		50	4.4	ug/L	10		8270D	Total/NA
Pyrene - DL	4.1	J	50	3.4	ug/L	10		8270D	Total/NA

Client Sample ID: MW-1810 — Lab Sample ID: 480-211970-2

No Detections.

Client Sample ID: DUP-01-20230815 — Lab Sample ID: 480-211970-3

No Detections.

Client Sample ID: DUP-02-20230815 — Lab Sample ID: 480-211970-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	68		10	4.1	ug/L	10		8260C	Total/NA
Ethylbenzene	140		10	7.4	ug/L	10		8260C	Total/NA
Toluene	6.2	J	10	5.1	ug/L	10		8260C	Total/NA
Xylenes, Total	77		20	6.6	ug/L	10		8260C	Total/NA
1-Methylnaphthalene	180	E	5.0	0.73	ug/L	1		8270D	Total/NA
2-Methylnaphthalene	29		5.0	0.60	ug/L	1		8270D	Total/NA
Acenaphthene	120	E	5.0	0.41	ug/L	1		8270D	Total/NA
Acenaphthylene	6.8		5.0	0.38	ug/L	1		8270D	Total/NA
Anthracene	11		5.0	0.28	ug/L	1		8270D	Total/NA
Fluoranthene	3.6	J	5.0	0.40	ug/L	1		8270D	Total/NA
Fluorene	48		5.0	0.36	ug/L	1		8270D	Total/NA
Naphthalene	110	E	5.0	0.76	ug/L	1		8270D	Total/NA
Phenanthrene	57		5.0	0.44	ug/L	1		8270D	Total/NA
Pyrene	4.3	J	5.0	0.34	ug/L	1		8270D	Total/NA
1-Methylnaphthalene - DL	220		50	7.3	ug/L	10		8270D	Total/NA
2-Methylnaphthalene - DL	27	J	50	6.0	ug/L	10		8270D	Total/NA
Acenaphthene - DL	140		50	4.1	ug/L	10		8270D	Total/NA
Acenaphthylene - DL	6.1	J	50	3.8	ug/L	10		8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: New York State Electric & Gas
Project/Site: NYSEG - Dansville MGP

Job ID: 480-211970-1

Client Sample ID: DUP-02-20230815 (Continued) — Lab Sample ID: 480-211970-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene - DL	14	J	50	2.8	ug/L	10		8270D	Total/NA
Fluorene - DL	53		50	3.6	ug/L	10		8270D	Total/NA
Naphthalene - DL	120		50	7.6	ug/L	10		8270D	Total/NA
Phenanthrene - DL	59		50	4.4	ug/L	10		8270D	Total/NA
Pyrene - DL	4.2	J	50	3.4	ug/L	10		8270D	Total/NA

Client Sample ID: PZ-29 — Lab Sample ID: 480-211970-5

No Detections.

Client Sample ID: PZ-32 — Lab Sample ID: 480-211970-6

No Detections.

Client Sample ID: PZ-14 — Lab Sample ID: 480-211970-7

No Detections.

Client Sample ID: PZ-31 — Lab Sample ID: 480-211970-8

No Detections.

Client Sample ID: PZ-24 — Lab Sample ID: 480-211970-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.89	J	1.0	0.41	ug/L	1		8260C	Total/NA

Client Sample ID: MW-1807 — Lab Sample ID: 480-211970-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	13		2.0	0.82	ug/L	2		8260C	Total/NA
Ethylbenzene	1.6	J	2.0	1.5	ug/L	2		8260C	Total/NA
1-Methylnaphthalene	3.1	J	5.0	0.73	ug/L	1		8270D	Total/NA
Acenaphthene	33		5.0	0.41	ug/L	1		8270D	Total/NA
Acenaphthylene	3.5	J	5.0	0.38	ug/L	1		8270D	Total/NA
Anthracene	1.8	J	5.0	0.28	ug/L	1		8270D	Total/NA
Benzo[a]anthracene	0.47	J	5.0	0.36	ug/L	1		8270D	Total/NA
Chrysene	0.35	J	5.0	0.33	ug/L	1		8270D	Total/NA
Fluoranthene	5.0		5.0	0.40	ug/L	1		8270D	Total/NA
Fluorene	14		5.0	0.36	ug/L	1		8270D	Total/NA
Naphthalene	0.91	J	5.0	0.76	ug/L	1		8270D	Total/NA
Phenanthrene	3.6	J	5.0	0.44	ug/L	1		8270D	Total/NA
Pyrene	6.3		5.0	0.34	ug/L	1		8270D	Total/NA

Client Sample ID: PZ-36 — Lab Sample ID: 480-211970-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	4.0		1.0	0.41	ug/L	1		8260C	Total/NA
1-Methylnaphthalene	2.8	J	5.0	0.73	ug/L	1		8270D	Total/NA
Acenaphthene	19		5.0	0.41	ug/L	1		8270D	Total/NA
Acenaphthylene	7.6		5.0	0.38	ug/L	1		8270D	Total/NA
Anthracene	0.58	J	5.0	0.28	ug/L	1		8270D	Total/NA
Fluoranthene	2.8	J	5.0	0.40	ug/L	1		8270D	Total/NA
Fluorene	2.0	J	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	1.1	J	5.0	0.44	ug/L	1		8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample ID: PZ-36 (Continued) — Lab Sample ID: 480-211970-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pyrene	3.6	J	5.0	0.34	ug/L	1		8270D	Total/NA

Client Sample ID: MW-1809 — Lab Sample ID: 480-211970-12

No Detections.

Client Sample ID: PZ-13 — Lab Sample ID: 480-211970-13

No Detections.

Client Sample ID: PZ-17 — Lab Sample ID: 480-211970-14

No Detections.

Client Sample ID: PZ-19 — Lab Sample ID: 480-211970-15

No Detections.

Client Sample ID: MW-1801 — Lab Sample ID: 480-211970-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	45		5.0	2.1	ug/L	5		8260C	Total/NA
Ethylbenzene	170		5.0	3.7	ug/L	5		8260C	Total/NA
Toluene	4.7	J	5.0	2.6	ug/L	5		8260C	Total/NA
Xylenes, Total	78		10	3.3	ug/L	5		8260C	Total/NA
1-Methylnaphthalene	160	E	5.0	0.73	ug/L	1		8270D	Total/NA
2-Methylnaphthalene	6.1		5.0	0.60	ug/L	1		8270D	Total/NA
Acenaphthene	87	E	5.0	0.41	ug/L	1		8270D	Total/NA
Acenaphthylene	7.5		5.0	0.38	ug/L	1		8270D	Total/NA
Anthracene	12		5.0	0.28	ug/L	1		8270D	Total/NA
Fluoranthene	4.9	J	5.0	0.40	ug/L	1		8270D	Total/NA
Fluorene	36		5.0	0.36	ug/L	1		8270D	Total/NA
Naphthalene	160	E	5.0	0.76	ug/L	1		8270D	Total/NA
Phenanthrene	54		5.0	0.44	ug/L	1		8270D	Total/NA
Pyrene	6.4		5.0	0.34	ug/L	1		8270D	Total/NA
1-Methylnaphthalene - DL	180		50	7.3	ug/L	10		8270D	Total/NA
Acenaphthene - DL	89		50	4.1	ug/L	10		8270D	Total/NA
Acenaphthylene - DL	6.9	J	50	3.8	ug/L	10		8270D	Total/NA
Anthracene - DL	13	J	50	2.8	ug/L	10		8270D	Total/NA
Fluoranthene - DL	4.4	J	50	4.0	ug/L	10		8270D	Total/NA
Fluorene - DL	37	J	50	3.6	ug/L	10		8270D	Total/NA
Naphthalene - DL	200		50	7.6	ug/L	10		8270D	Total/NA
Phenanthrene - DL	53		50	4.4	ug/L	10		8270D	Total/NA
Pyrene - DL	6.1	J	50	3.4	ug/L	10		8270D	Total/NA

Client Sample ID: MW-045 — Lab Sample ID: 480-211970-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	42		2.0	0.82	ug/L	2		8260C	Total/NA
Ethylbenzene	120		2.0	1.5	ug/L	2		8260C	Total/NA
Toluene	4.5		2.0	1.0	ug/L	2		8260C	Total/NA
Xylenes, Total	49		4.0	1.3	ug/L	2		8260C	Total/NA
1-Methylnaphthalene	210	E	5.0	0.73	ug/L	1		8270D	Total/NA
2-Methylnaphthalene	16		5.0	0.60	ug/L	1		8270D	Total/NA
Acenaphthene	150	E	5.0	0.41	ug/L	1		8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-045 (Continued) — Lab Sample ID: 480-211970-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	7.6		5.0	0.38	ug/L	1		8270D	Total/NA
Anthracene	16		5.0	0.28	ug/L	1		8270D	Total/NA
Fluoranthene	5.8		5.0	0.40	ug/L	1		8270D	Total/NA
Fluorene	64		5.0	0.36	ug/L	1		8270D	Total/NA
Naphthalene	140	E	5.0	0.76	ug/L	1		8270D	Total/NA
Phenanthrene	76	E	5.0	0.44	ug/L	1		8270D	Total/NA
Pyrene	6.8		5.0	0.34	ug/L	1		8270D	Total/NA
1-Methylnaphthalene - DL	260		50	7.3	ug/L	10		8270D	Total/NA
2-Methylnaphthalene - DL	14	J	50	6.0	ug/L	10		8270D	Total/NA
Acenaphthene - DL	180		50	4.1	ug/L	10		8270D	Total/NA
Acenaphthylene - DL	7.1	J	50	3.8	ug/L	10		8270D	Total/NA
Anthracene - DL	24	J	50	2.8	ug/L	10		8270D	Total/NA
Fluoranthene - DL	5.4	J	50	4.0	ug/L	10		8270D	Total/NA
Fluorene - DL	69		50	3.6	ug/L	10		8270D	Total/NA
Naphthalene - DL	180		50	7.6	ug/L	10		8270D	Total/NA
Phenanthrene - DL	79		50	4.4	ug/L	10		8270D	Total/NA
Pyrene - DL	6.2	J	50	3.4	ug/L	10		8270D	Total/NA

Client Sample ID: MW-1808 — Lab Sample ID: 480-211970-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	4.5	J	5.0	2.1	ug/L	5		8260C	Total/NA
Ethylbenzene	5.9		5.0	3.7	ug/L	5		8260C	Total/NA
1-Methylnaphthalene	110	E	5.0	0.73	ug/L	1		8270D	Total/NA
Acenaphthene	59		5.0	0.41	ug/L	1		8270D	Total/NA
Acenaphthylene	7.9		5.0	0.38	ug/L	1		8270D	Total/NA
Anthracene	2.9	J	5.0	0.28	ug/L	1		8270D	Total/NA
Fluoranthene	1.7	J	5.0	0.40	ug/L	1		8270D	Total/NA
Fluorene	23		5.0	0.36	ug/L	1		8270D	Total/NA
Naphthalene	2.4	J	5.0	0.76	ug/L	1		8270D	Total/NA
Phenanthrene	27		5.0	0.44	ug/L	1		8270D	Total/NA
Pyrene	2.1	J	5.0	0.34	ug/L	1		8270D	Total/NA
1-Methylnaphthalene - DL	110		25	3.7	ug/L	5		8270D	Total/NA
Acenaphthene - DL	53		25	2.1	ug/L	5		8270D	Total/NA
Acenaphthylene - DL	6.6	J	25	1.9	ug/L	5		8270D	Total/NA
Anthracene - DL	4.4	J	25	1.4	ug/L	5		8270D	Total/NA
Fluorene - DL	21	J	25	1.8	ug/L	5		8270D	Total/NA
Phenanthrene - DL	22	J	25	2.2	ug/L	5		8270D	Total/NA
Pyrene - DL	2.0	J	25	1.7	ug/L	5		8270D	Total/NA

Client Sample ID: MW-1802 — Lab Sample ID: 480-211970-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	210	F1	10	7.4	ug/L	10		8260C	Total/NA
Xylenes, Total	120		20	6.6	ug/L	10		8260C	Total/NA
1-Methylnaphthalene	140	E	5.0	0.73	ug/L	1		8270D	Total/NA
2-Methylnaphthalene	43		5.0	0.60	ug/L	1		8270D	Total/NA
Acenaphthene	97	E	5.0	0.41	ug/L	1		8270D	Total/NA
Acenaphthylene	4.5	J	5.0	0.38	ug/L	1		8270D	Total/NA
Anthracene	7.7		5.0	0.28	ug/L	1		8270D	Total/NA
Benzo[a]anthracene	0.89	J	5.0	0.36	ug/L	1		8270D	Total/NA
Benzo[a]pyrene	0.51	J	5.0	0.47	ug/L	1		8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-1802 (Continued) — Lab Sample ID: 480-211970-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[b]fluoranthene	0.37	J	5.0	0.34	ug/L	1		8270D	Total/NA
Chrysene	0.84	J	5.0	0.33	ug/L	1		8270D	Total/NA
Fluoranthene	5.5		5.0	0.40	ug/L	1		8270D	Total/NA
Fluorene	30		5.0	0.36	ug/L	1		8270D	Total/NA
Naphthalene	530	E	5.0	0.76	ug/L	1		8270D	Total/NA
Phenanthrene	33		5.0	0.44	ug/L	1		8270D	Total/NA
Pyrene	7.4		5.0	0.34	ug/L	1		8270D	Total/NA
1-Methylnaphthalene - DL	140	J	250	37	ug/L	50		8270D	Total/NA
2-Methylnaphthalene - DL	34	J	250	30	ug/L	50		8270D	Total/NA
Acenaphthene - DL	120	J	250	21	ug/L	50		8270D	Total/NA
Anthracene - DL	15	J	250	14	ug/L	50		8270D	Total/NA
Fluorene - DL	35	J	250	18	ug/L	50		8270D	Total/NA
Naphthalene - DL	1500		250	38	ug/L	50		8270D	Total/NA
Phenanthrene - DL	35	J	250	22	ug/L	50		8270D	Total/NA

Client Sample ID: PZ-18 — Lab Sample ID: 480-211970-20

No Detections.

Client Sample ID: MW-1806 — Lab Sample ID: 480-211970-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	19		10	7.4	ug/L	10		8260C	Total/NA
Xylenes, Total	17	J	20	6.6	ug/L	10		8260C	Total/NA
1-Methylnaphthalene	22	J	25	3.7	ug/L	5		8270D	Total/NA
Acenaphthene	41		25	2.1	ug/L	5		8270D	Total/NA
Acenaphthylene	4.9	J	25	1.9	ug/L	5		8270D	Total/NA
Anthracene	4.4	J	25	1.4	ug/L	5		8270D	Total/NA
Benzo[a]anthracene	3.4	J	25	1.8	ug/L	5		8270D	Total/NA
Benzo[a]pyrene	3.8	J	25	2.4	ug/L	5		8270D	Total/NA
Benzo[b]fluoranthene	2.5	J	25	1.7	ug/L	5		8270D	Total/NA
Chrysene	2.1	J	25	1.7	ug/L	5		8270D	Total/NA
Fluoranthene	9.4	J	25	2.0	ug/L	5		8270D	Total/NA
Fluorene	11	J	25	1.8	ug/L	5		8270D	Total/NA
Naphthalene	47		25	3.8	ug/L	5		8270D	Total/NA
Phenanthrene	8.5	J	25	2.2	ug/L	5		8270D	Total/NA
Pyrene	13	J	25	1.7	ug/L	5		8270D	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-211970-22

No Detections.

Client Sample ID: MW-1803 — Lab Sample ID: 480-211970-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	81		10	7.4	ug/L	10		8260C	Total/NA
Xylenes, Total	50		20	6.6	ug/L	10		8260C	Total/NA
1-Methylnaphthalene	380	*+	50	7.3	ug/L	10		8270D	Total/NA
Acenaphthene	200		50	4.1	ug/L	10		8270D	Total/NA
Acenaphthylene	28	J	50	3.8	ug/L	10		8270D	Total/NA
Anthracene	12	J *+	50	2.8	ug/L	10		8270D	Total/NA
Fluoranthene	5.2	J *+	50	4.0	ug/L	10		8270D	Total/NA
Fluorene	66		50	3.6	ug/L	10		8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-1803 (Continued)

Lab Sample ID: 480-211970-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	20	J *+	50	7.6	ug/L	10		8270D	Total/NA
Phenanthrene	51	*+	50	4.4	ug/L	10		8270D	Total/NA
Pyrene	6.0	J	50	3.4	ug/L	10		8270D	Total/NA

Client Sample ID: MW-1804

Lab Sample ID: 480-211970-24

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-1805

Date Collected: 08/15/23 14:45
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**51**		5.0	2.1	ug/L			08/21/23 14:03	5
Ethylbenzene	**100**		5.0	3.7	ug/L			08/21/23 14:03	5
Toluene	**4.6**	**J**	5.0	2.6	ug/L			08/21/23 14:03	5
Xylenes, Total	**58**		10	3.3	ug/L			08/21/23 14:03	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*		*08/21/23 14:03*	*5*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*		*08/21/23 14:03*	*5*
Dibromofluoromethane (Surr)	*109*		*75 - 123*		*08/21/23 14:03*	*5*
Toluene-d8 (Surr)	*87*		*80 - 120*		*08/21/23 14:03*	*5*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**180**	**E**	5.0	0.73	ug/L		08/18/23 15:02	08/21/23 17:40	1
2-Methylnaphthalene	**30**		5.0	0.60	ug/L		08/18/23 15:02	08/21/23 17:40	1
Acenaphthene	**120**	**E F1**	5.0	0.41	ug/L		08/18/23 15:02	08/21/23 17:40	1
Acenaphthylene	**6.2**		5.0	0.38	ug/L		08/18/23 15:02	08/21/23 17:40	1
Anthracene	**11**		5.0	0.28	ug/L		08/18/23 15:02	08/21/23 17:40	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/18/23 15:02	08/21/23 17:40	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 17:40	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/21/23 17:40	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/18/23 15:02	08/21/23 17:40	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/21/23 17:40	1
Chrysene	ND		5.0	0.33	ug/L		08/18/23 15:02	08/21/23 17:40	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/18/23 15:02	08/21/23 17:40	1
Fluoranthene	**3.5**	**J**	5.0	0.40	ug/L		08/18/23 15:02	08/21/23 17:40	1
Fluorene	**44**		5.0	0.36	ug/L		08/18/23 15:02	08/21/23 17:40	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 17:40	1
Naphthalene	**130**	**E F1**	5.0	0.76	ug/L		08/18/23 15:02	08/21/23 17:40	1
Phenanthrene	**55**	**F1**	5.0	0.44	ug/L		08/18/23 15:02	08/21/23 17:40	1
Pyrene	**4.0**	**J**	5.0	0.34	ug/L		08/18/23 15:02	08/21/23 17:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*84*		*48 - 120*	*08/18/23 15:02*	*08/21/23 17:40*	*1*
Nitrobenzene-d5 (Surr)	*80*		*46 - 120*	*08/18/23 15:02*	*08/21/23 17:40*	*1*
p-Terphenyl-d14 (Surr)	*65*		*60 - 148*	*08/18/23 15:02*	*08/21/23 17:40*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**220**		50	7.3	ug/L		08/18/23 15:02	08/22/23 18:11	10
2-Methylnaphthalene	**26**	**J**	50	6.0	ug/L		08/18/23 15:02	08/22/23 18:11	10
Acenaphthene	**130**		50	4.1	ug/L		08/18/23 15:02	08/22/23 18:11	10
Acenaphthylene	**6.2**	**J**	50	3.8	ug/L		08/18/23 15:02	08/22/23 18:11	10
Anthracene	**15**	**J**	50	2.8	ug/L		08/18/23 15:02	08/22/23 18:11	10
Benzo[a]anthracene	ND		50	3.6	ug/L		08/18/23 15:02	08/22/23 18:11	10
Benzo[a]pyrene	ND		50	4.7	ug/L		08/18/23 15:02	08/22/23 18:11	10
Benzo[b]fluoranthene	ND		50	3.4	ug/L		08/18/23 15:02	08/22/23 18:11	10
Benzo[g,h,i]perylene	ND		50	3.5	ug/L		08/18/23 15:02	08/22/23 18:11	10
Benzo[k]fluoranthene	ND		50	7.3	ug/L		08/18/23 15:02	08/22/23 18:11	10
Chrysene	ND		50	3.3	ug/L		08/18/23 15:02	08/22/23 18:11	10

Client Sample ID: MW-1805

Date Collected: 08/15/23 14:45
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		50	4.2	ug/L		08/18/23 15:02	08/22/23 18:11	10
Fluoranthene	ND		50	4.0	ug/L		08/18/23 15:02	08/22/23 18:11	10
Fluorene	**48**	**J**	50	3.6	ug/L		08/18/23 15:02	08/22/23 18:11	10
Indeno[1,2,3-cd]pyrene	ND		50	4.7	ug/L		08/18/23 15:02	08/22/23 18:11	10
Naphthalene	**150**	**F2**	50	7.6	ug/L		08/18/23 15:02	08/22/23 18:11	10
Phenanthrene	**54**		50	4.4	ug/L		08/18/23 15:02	08/22/23 18:11	10
Pyrene	**4.1**	**J**	50	3.4	ug/L		08/18/23 15:02	08/22/23 18:11	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*75*		*48 - 120*	*08/18/23 15:02*	*08/22/23 18:11*	*10*
Nitrobenzene-d5 (Surr)	*79*		*46 - 120*	*08/18/23 15:02*	*08/22/23 18:11*	*10*
p-Terphenyl-d14 (Surr)	*52*	*S1-*	*60 - 148*	*08/18/23 15:02*	*08/22/23 18:11*	*10*

Client Sample ID: MW-1810

Date Collected: 08/15/23 14:05
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			08/18/23 22:57	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/18/23 22:57	1
Toluene	ND		1.0	0.51	ug/L			08/18/23 22:57	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/18/23 22:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*08/18/23 22:57*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*08/18/23 22:57*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 123*		*08/18/23 22:57*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*08/18/23 22:57*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND	*3 F1 *+	5.2	0.76	ug/L		08/21/23 08:57	08/22/23 22:43	1
2-Methylnaphthalene	ND	*3 F1 *+	5.2	0.63	ug/L		08/21/23 08:57	08/22/23 22:43	1
Acenaphthene	ND	*3	5.2	0.43	ug/L		08/21/23 08:57	08/22/23 22:43	1
Acenaphthylene	ND	*3	5.2	0.40	ug/L		08/21/23 08:57	08/22/23 22:43	1
Anthracene	ND	F1 *3 *+	5.2	0.29	ug/L		08/21/23 08:57	08/22/23 22:43	1
Benzo[a]anthracene	ND	*3	5.2	0.38	ug/L		08/21/23 08:57	08/22/23 22:43	1
Benzo[a]pyrene	ND	F2 *3	5.2	0.49	ug/L		08/21/23 08:57	08/22/23 22:43	1
Benzo[b]fluoranthene	ND	F2 *3	5.2	0.35	ug/L		08/21/23 08:57	08/22/23 22:43	1
Benzo[g,h,i]perylene	ND	F2 *3	5.2	0.36	ug/L		08/21/23 08:57	08/22/23 22:43	1
Benzo[k]fluoranthene	ND	F2 *3	5.2	0.76	ug/L		08/21/23 08:57	08/22/23 22:43	1
Chrysene	ND	F2 *3	5.2	0.34	ug/L		08/21/23 08:57	08/22/23 22:43	1
Dibenz(a,h)anthracene	ND	F2 *3	5.2	0.44	ug/L		08/21/23 08:57	08/22/23 22:43	1
Fluoranthene	ND	*3 F1 *+	5.2	0.42	ug/L		08/21/23 08:57	08/22/23 22:43	1
Fluorene	ND	*3	5.2	0.38	ug/L		08/21/23 08:57	08/22/23 22:43	1
Indeno[1,2,3-cd]pyrene	ND	F2 *3	5.2	0.49	ug/L		08/21/23 08:57	08/22/23 22:43	1
Naphthalene	ND	F1 *3 *+	5.2	0.79	ug/L		08/21/23 08:57	08/22/23 22:43	1
Phenanthrene	ND	F1 *3 *+	5.2	0.46	ug/L		08/21/23 08:57	08/22/23 22:43	1
Pyrene	ND	*3	5.2	0.35	ug/L		08/21/23 08:57	08/22/23 22:43	1

Client Sample ID: MW-1810

Lab Sample ID: 480-211970-2

Date Collected: 08/15/23 14:05

Matrix: Water

Date Received: 08/17/23 19:15

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*114*	**3*	*48 - 120*	*08/21/23 08:57*	*08/22/23 22:43*	*1*
Nitrobenzene-d5 (Surr)	*171*	**3 S1+*	*46 - 120*	*08/21/23 08:57*	*08/22/23 22:43*	*1*
p-Terphenyl-d14 (Surr)	*62*	**3*	*60 - 148*	*08/21/23 08:57*	*08/22/23 22:43*	*1*

Client Sample ID: DUP-01-20230815

Lab Sample ID: 480-211970-3

Date Collected: 08/15/23 00:00

Matrix: Water

Date Received: 08/17/23 19:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			08/21/23 14:25	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/21/23 14:25	1
Toluene	ND		1.0	0.51	ug/L			08/21/23 14:25	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/21/23 14:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*08/21/23 14:25*	*1*
4-Bromofluorobenzene (Surr)	*113*		*73 - 120*		*08/21/23 14:25*	*1*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*08/21/23 14:25*	*1*
Toluene-d8 (Surr)	*88*		*80 - 120*		*08/21/23 14:25*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		5.2	0.76	ug/L		08/18/23 15:02	08/21/23 18:07	1
2-Methylnaphthalene	ND		5.2	0.63	ug/L		08/18/23 15:02	08/21/23 18:07	1
Acenaphthene	ND		5.2	0.43	ug/L		08/18/23 15:02	08/21/23 18:07	1
Acenaphthylene	ND		5.2	0.40	ug/L		08/18/23 15:02	08/21/23 18:07	1
Anthracene	ND		5.2	0.29	ug/L		08/18/23 15:02	08/21/23 18:07	1
Benzo[a]anthracene	ND		5.2	0.38	ug/L		08/18/23 15:02	08/21/23 18:07	1
Benzo[a]pyrene	ND		5.2	0.49	ug/L		08/18/23 15:02	08/21/23 18:07	1
Benzo[b]fluoranthene	ND		5.2	0.35	ug/L		08/18/23 15:02	08/21/23 18:07	1
Benzo[g,h,i]perylene	ND		5.2	0.36	ug/L		08/18/23 15:02	08/21/23 18:07	1
Benzo[k]fluoranthene	ND		5.2	0.76	ug/L		08/18/23 15:02	08/21/23 18:07	1
Chrysene	ND		5.2	0.34	ug/L		08/18/23 15:02	08/21/23 18:07	1
Dibenz(a,h)anthracene	ND		5.2	0.44	ug/L		08/18/23 15:02	08/21/23 18:07	1
Fluoranthene	ND		5.2	0.42	ug/L		08/18/23 15:02	08/21/23 18:07	1
Fluorene	ND		5.2	0.38	ug/L		08/18/23 15:02	08/21/23 18:07	1
Indeno[1,2,3-cd]pyrene	ND		5.2	0.49	ug/L		08/18/23 15:02	08/21/23 18:07	1
Naphthalene	ND		5.2	0.79	ug/L		08/18/23 15:02	08/21/23 18:07	1
Phenanthrene	ND		5.2	0.46	ug/L		08/18/23 15:02	08/21/23 18:07	1
Pyrene	ND		5.2	0.35	ug/L		08/18/23 15:02	08/21/23 18:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*85*		*48 - 120*	*08/18/23 15:02*	*08/21/23 18:07*	*1*
Nitrobenzene-d5 (Surr)	*76*		*46 - 120*	*08/18/23 15:02*	*08/21/23 18:07*	*1*
p-Terphenyl-d14 (Surr)	*59*	*S1-*	*60 - 148*	*08/18/23 15:02*	*08/21/23 18:07*	*1*

Client Sample ID: DUP-02-20230815

Date Collected: 08/15/23 00:00
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-4

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**68**		10	4.1	ug/L			08/18/23 14:11	10
Ethylbenzene	**140**		10	7.4	ug/L			08/18/23 14:11	10
Toluene	**6.2**	**J**	10	5.1	ug/L			08/18/23 14:11	10
Xylenes, Total	**77**		20	6.6	ug/L			08/18/23 14:11	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*		*08/18/23 14:11*	*10*
4-Bromofluorobenzene (Surr)	*111*		*73 - 120*		*08/18/23 14:11*	*10*
Dibromofluoromethane (Surr)	*109*		*75 - 123*		*08/18/23 14:11*	*10*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/18/23 14:11*	*10*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**180**	**E**	5.0	0.73	ug/L		08/18/23 15:02	08/21/23 18:34	1
2-Methylnaphthalene	**29**		5.0	0.60	ug/L		08/18/23 15:02	08/21/23 18:34	1
Acenaphthene	**120**	**E**	5.0	0.41	ug/L		08/18/23 15:02	08/21/23 18:34	1
Acenaphthylene	**6.8**		5.0	0.38	ug/L		08/18/23 15:02	08/21/23 18:34	1
Anthracene	**11**		5.0	0.28	ug/L		08/18/23 15:02	08/21/23 18:34	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/18/23 15:02	08/21/23 18:34	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 18:34	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/21/23 18:34	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/18/23 15:02	08/21/23 18:34	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/21/23 18:34	1
Chrysene	ND		5.0	0.33	ug/L		08/18/23 15:02	08/21/23 18:34	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/18/23 15:02	08/21/23 18:34	1
Fluoranthene	**3.6**	**J**	5.0	0.40	ug/L		08/18/23 15:02	08/21/23 18:34	1
Fluorene	**48**		5.0	0.36	ug/L		08/18/23 15:02	08/21/23 18:34	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 18:34	1
Naphthalene	**110**	**E**	5.0	0.76	ug/L		08/18/23 15:02	08/21/23 18:34	1
Phenanthrene	**57**		5.0	0.44	ug/L		08/18/23 15:02	08/21/23 18:34	1
Pyrene	**4.3**	**J**	5.0	0.34	ug/L		08/18/23 15:02	08/21/23 18:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*95*		*48 - 120*	*08/18/23 15:02*	*08/21/23 18:34*	*1*
Nitrobenzene-d5 (Surr)	*85*		*46 - 120*	*08/18/23 15:02*	*08/21/23 18:34*	*1*
p-Terphenyl-d14 (Surr)	*70*		*60 - 148*	*08/18/23 15:02*	*08/21/23 18:34*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**220**		50	7.3	ug/L		08/18/23 15:02	08/22/23 18:39	10
2-Methylnaphthalene	**27**	**J**	50	6.0	ug/L		08/18/23 15:02	08/22/23 18:39	10
Acenaphthene	**140**		50	4.1	ug/L		08/18/23 15:02	08/22/23 18:39	10
Acenaphthylene	**6.1**	**J**	50	3.8	ug/L		08/18/23 15:02	08/22/23 18:39	10
Anthracene	**14**	**J**	50	2.8	ug/L		08/18/23 15:02	08/22/23 18:39	10
Benzo[a]anthracene	ND		50	3.6	ug/L		08/18/23 15:02	08/22/23 18:39	10
Benzo[a]pyrene	ND		50	4.7	ug/L		08/18/23 15:02	08/22/23 18:39	10
Benzo[b]fluoranthene	ND		50	3.4	ug/L		08/18/23 15:02	08/22/23 18:39	10
Benzo[g,h,i]perylene	ND		50	3.5	ug/L		08/18/23 15:02	08/22/23 18:39	10
Benzo[k]fluoranthene	ND		50	7.3	ug/L		08/18/23 15:02	08/22/23 18:39	10
Chrysene	ND		50	3.3	ug/L		08/18/23 15:02	08/22/23 18:39	10

Client Sample ID: DUP-02-20230815

Lab Sample ID: 480-211970-4

Date Collected: 08/15/23 00:00
Matrix: Water
Date Received: 08/17/23 19:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		50	4.2	ug/L		08/18/23 15:02	08/22/23 18:39	10
Fluoranthene	ND		50	4.0	ug/L		08/18/23 15:02	08/22/23 18:39	10
Fluorene	**53**		50	3.6	ug/L		08/18/23 15:02	08/22/23 18:39	10
Indeno[1,2,3-cd]pyrene	ND		50	4.7	ug/L		08/18/23 15:02	08/22/23 18:39	10
Naphthalene	**120**		50	7.6	ug/L		08/18/23 15:02	08/22/23 18:39	10
Phenanthrene	**59**		50	4.4	ug/L		08/18/23 15:02	08/22/23 18:39	10
Pyrene	**4.2**	**J**	50	3.4	ug/L		08/18/23 15:02	08/22/23 18:39	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*82*		*48 - 120*	*08/18/23 15:02*	*08/22/23 18:39*	*10*
Nitrobenzene-d5 (Surr)	*88*		*46 - 120*	*08/18/23 15:02*	*08/22/23 18:39*	*10*
p-Terphenyl-d14 (Surr)	*56*	*S1-*	*60 - 148*	*08/18/23 15:02*	*08/22/23 18:39*	*10*

Client Sample ID: PZ-29

Lab Sample ID: 480-211970-5

Date Collected: 08/16/23 08:05
Matrix: Water
Date Received: 08/17/23 19:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			08/18/23 14:33	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/18/23 14:33	1
Toluene	ND		1.0	0.51	ug/L			08/18/23 14:33	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/18/23 14:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*		*08/18/23 14:33*	*1*
4-Bromofluorobenzene (Surr)	*113*		*73 - 120*		*08/18/23 14:33*	*1*
Dibromofluoromethane (Surr)	*109*		*75 - 123*		*08/18/23 14:33*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/18/23 14:33*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		5.4	0.79	ug/L		08/18/23 15:02	08/21/23 19:01	1
2-Methylnaphthalene	ND		5.4	0.65	ug/L		08/18/23 15:02	08/21/23 19:01	1
Acenaphthene	ND		5.4	0.45	ug/L		08/18/23 15:02	08/21/23 19:01	1
Acenaphthylene	ND		5.4	0.41	ug/L		08/18/23 15:02	08/21/23 19:01	1
Anthracene	ND		5.4	0.30	ug/L		08/18/23 15:02	08/21/23 19:01	1
Benzo[a]anthracene	ND		5.4	0.39	ug/L		08/18/23 15:02	08/21/23 19:01	1
Benzo[a]pyrene	ND		5.4	0.51	ug/L		08/18/23 15:02	08/21/23 19:01	1
Benzo[b]fluoranthene	ND		5.4	0.37	ug/L		08/18/23 15:02	08/21/23 19:01	1
Benzo[g,h,i]perylene	ND		5.4	0.38	ug/L		08/18/23 15:02	08/21/23 19:01	1
Benzo[k]fluoranthene	ND		5.4	0.79	ug/L		08/18/23 15:02	08/21/23 19:01	1
Chrysene	ND		5.4	0.36	ug/L		08/18/23 15:02	08/21/23 19:01	1
Dibenz(a,h)anthracene	ND		5.4	0.46	ug/L		08/18/23 15:02	08/21/23 19:01	1
Fluoranthene	ND		5.4	0.43	ug/L		08/18/23 15:02	08/21/23 19:01	1
Fluorene	ND		5.4	0.39	ug/L		08/18/23 15:02	08/21/23 19:01	1
Indeno[1,2,3-cd]pyrene	ND		5.4	0.51	ug/L		08/18/23 15:02	08/21/23 19:01	1
Naphthalene	ND		5.4	0.83	ug/L		08/18/23 15:02	08/21/23 19:01	1
Phenanthrene	ND		5.4	0.48	ug/L		08/18/23 15:02	08/21/23 19:01	1
Pyrene	ND		5.4	0.37	ug/L		08/18/23 15:02	08/21/23 19:01	1

Client Sample ID: PZ-29

Date Collected: 08/16/23 08:05
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-5
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*101*		*48 - 120*	*08/18/23 15:02*	*08/21/23 19:01*	*1*
Nitrobenzene-d5 (Surr)	*92*		*46 - 120*	*08/18/23 15:02*	*08/21/23 19:01*	*1*
p-Terphenyl-d14 (Surr)	*64*		*60 - 148*	*08/18/23 15:02*	*08/21/23 19:01*	*1*

Client Sample ID: PZ-32

Date Collected: 08/16/23 09:20
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			08/18/23 14:55	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/18/23 14:55	1
Toluene	ND		1.0	0.51	ug/L			08/18/23 14:55	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/18/23 14:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*08/18/23 14:55*	*1*
4-Bromofluorobenzene (Surr)	*114*		*73 - 120*		*08/18/23 14:55*	*1*
Dibromofluoromethane (Surr)	*111*		*75 - 123*		*08/18/23 14:55*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/18/23 14:55*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		5.2	0.76	ug/L		08/18/23 15:02	08/21/23 19:28	1
2-Methylnaphthalene	ND		5.2	0.63	ug/L		08/18/23 15:02	08/21/23 19:28	1
Acenaphthene	ND		5.2	0.43	ug/L		08/18/23 15:02	08/21/23 19:28	1
Acenaphthylene	ND		5.2	0.40	ug/L		08/18/23 15:02	08/21/23 19:28	1
Anthracene	ND		5.2	0.29	ug/L		08/18/23 15:02	08/21/23 19:28	1
Benzo[a]anthracene	ND		5.2	0.38	ug/L		08/18/23 15:02	08/21/23 19:28	1
Benzo[a]pyrene	ND		5.2	0.49	ug/L		08/18/23 15:02	08/21/23 19:28	1
Benzo[b]fluoranthene	ND		5.2	0.35	ug/L		08/18/23 15:02	08/21/23 19:28	1
Benzo[g,h,i]perylene	ND		5.2	0.36	ug/L		08/18/23 15:02	08/21/23 19:28	1
Benzo[k]fluoranthene	ND		5.2	0.76	ug/L		08/18/23 15:02	08/21/23 19:28	1
Chrysene	ND		5.2	0.34	ug/L		08/18/23 15:02	08/21/23 19:28	1
Dibenz(a,h)anthracene	ND		5.2	0.44	ug/L		08/18/23 15:02	08/21/23 19:28	1
Fluoranthene	ND		5.2	0.42	ug/L		08/18/23 15:02	08/21/23 19:28	1
Fluorene	ND		5.2	0.38	ug/L		08/18/23 15:02	08/21/23 19:28	1
Indeno[1,2,3-cd]pyrene	ND		5.2	0.49	ug/L		08/18/23 15:02	08/21/23 19:28	1
Naphthalene	ND		5.2	0.79	ug/L		08/18/23 15:02	08/21/23 19:28	1
Phenanthrene	ND		5.2	0.46	ug/L		08/18/23 15:02	08/21/23 19:28	1
Pyrene	ND		5.2	0.35	ug/L		08/18/23 15:02	08/21/23 19:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*94*		*48 - 120*	*08/18/23 15:02*	*08/21/23 19:28*	*1*
Nitrobenzene-d5 (Surr)	*83*		*46 - 120*	*08/18/23 15:02*	*08/21/23 19:28*	*1*
p-Terphenyl-d14 (Surr)	*63*		*60 - 148*	*08/18/23 15:02*	*08/21/23 19:28*	*1*

Client Sample ID: PZ-14

Lab Sample ID: 480-211970-7

Date Collected: 08/16/23 09:35

Matrix: Water

Date Received: 08/17/23 19:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			08/18/23 15:17	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/18/23 15:17	1
Toluene	ND		1.0	0.51	ug/L			08/18/23 15:17	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/18/23 15:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*		*08/18/23 15:17*	*1*
4-Bromofluorobenzene (Surr)	*114*		*73 - 120*		*08/18/23 15:17*	*1*
Dibromofluoromethane (Surr)	*110*		*75 - 123*		*08/18/23 15:17*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/18/23 15:17*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/21/23 19:55	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/18/23 15:02	08/21/23 19:55	1
Acenaphthene	ND		5.0	0.41	ug/L		08/18/23 15:02	08/21/23 19:55	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/18/23 15:02	08/21/23 19:55	1
Anthracene	ND		5.0	0.28	ug/L		08/18/23 15:02	08/21/23 19:55	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/18/23 15:02	08/21/23 19:55	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 19:55	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/21/23 19:55	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/18/23 15:02	08/21/23 19:55	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/21/23 19:55	1
Chrysene	ND		5.0	0.33	ug/L		08/18/23 15:02	08/21/23 19:55	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/18/23 15:02	08/21/23 19:55	1
Fluoranthene	ND		5.0	0.40	ug/L		08/18/23 15:02	08/21/23 19:55	1
Fluorene	ND		5.0	0.36	ug/L		08/18/23 15:02	08/21/23 19:55	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 19:55	1
Naphthalene	ND		5.0	0.76	ug/L		08/18/23 15:02	08/21/23 19:55	1
Phenanthrene	ND		5.0	0.44	ug/L		08/18/23 15:02	08/21/23 19:55	1
Pyrene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/21/23 19:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*97*		*48 - 120*	*08/18/23 15:02*	*08/21/23 19:55*	*1*
Nitrobenzene-d5 (Surr)	*85*		*46 - 120*	*08/18/23 15:02*	*08/21/23 19:55*	*1*
p-Terphenyl-d14 (Surr)	*63*		*60 - 148*	*08/18/23 15:02*	*08/21/23 19:55*	*1*

Client Sample ID: PZ-31

Lab Sample ID: 480-211970-8

Date Collected: 08/16/23 10:30

Matrix: Water

Date Received: 08/17/23 19:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			08/18/23 15:38	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/18/23 15:38	1
Toluene	ND		1.0	0.51	ug/L			08/18/23 15:38	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/18/23 15:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*		*08/18/23 15:38*	*1*
4-Bromofluorobenzene (Surr)	*113*		*73 - 120*		*08/18/23 15:38*	*1*

Client Sample ID: PZ-31

Date Collected: 08/16/23 10:30
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-8

Matrix: Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*111*		*75 - 123*		*08/18/23 15:38*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/18/23 15:38*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/21/23 20:22	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/18/23 15:02	08/21/23 20:22	1
Acenaphthene	ND		5.0	0.41	ug/L		08/18/23 15:02	08/21/23 20:22	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/18/23 15:02	08/21/23 20:22	1
Anthracene	ND		5.0	0.28	ug/L		08/18/23 15:02	08/21/23 20:22	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/18/23 15:02	08/21/23 20:22	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 20:22	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/21/23 20:22	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/18/23 15:02	08/21/23 20:22	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/21/23 20:22	1
Chrysene	ND		5.0	0.33	ug/L		08/18/23 15:02	08/21/23 20:22	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/18/23 15:02	08/21/23 20:22	1
Fluoranthene	ND		5.0	0.40	ug/L		08/18/23 15:02	08/21/23 20:22	1
Fluorene	ND		5.0	0.36	ug/L		08/18/23 15:02	08/21/23 20:22	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 20:22	1
Naphthalene	ND		5.0	0.76	ug/L		08/18/23 15:02	08/21/23 20:22	1
Phenanthrene	ND		5.0	0.44	ug/L		08/18/23 15:02	08/21/23 20:22	1
Pyrene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/21/23 20:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	*97*		*48 - 120*	*08/18/23 15:02*	*08/21/23 20:22*	*1*
Nitrobenzene-d5 (Surr)	*85*		*46 - 120*	*08/18/23 15:02*	*08/21/23 20:22*	*1*
p-Terphenyl-d14 (Surr)	*59*	*S1-*	*60 - 148*	*08/18/23 15:02*	*08/21/23 20:22*	*1*

Client Sample ID: PZ-24

Date Collected: 08/16/23 11:45
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-9

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.89**	**J**	1.0	0.41	ug/L			08/18/23 16:00	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/18/23 16:00	1
Toluene	ND		1.0	0.51	ug/L			08/18/23 16:00	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/18/23 16:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*		*08/18/23 16:00*	*1*
4-Bromofluorobenzene (Surr)	*113*		*73 - 120*		*08/18/23 16:00*	*1*
Dibromofluoromethane (Surr)	*110*		*75 - 123*		*08/18/23 16:00*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/18/23 16:00*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/21/23 20:49	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/18/23 15:02	08/21/23 20:49	1

Client Sample ID: PZ-24

Date Collected: 08/16/23 11:45
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-9

Matrix: Water

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0	0.41	ug/L		08/18/23 15:02	08/21/23 20:49	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/18/23 15:02	08/21/23 20:49	1
Anthracene	ND		5.0	0.28	ug/L		08/18/23 15:02	08/21/23 20:49	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/18/23 15:02	08/21/23 20:49	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 20:49	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/21/23 20:49	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/18/23 15:02	08/21/23 20:49	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/21/23 20:49	1
Chrysene	ND		5.0	0.33	ug/L		08/18/23 15:02	08/21/23 20:49	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/18/23 15:02	08/21/23 20:49	1
Fluoranthene	ND		5.0	0.40	ug/L		08/18/23 15:02	08/21/23 20:49	1
Fluorene	ND		5.0	0.36	ug/L		08/18/23 15:02	08/21/23 20:49	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 20:49	1
Naphthalene	ND		5.0	0.76	ug/L		08/18/23 15:02	08/21/23 20:49	1
Phenanthrene	ND		5.0	0.44	ug/L		08/18/23 15:02	08/21/23 20:49	1
Pyrene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/21/23 20:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*100*		*48 - 120*	*08/18/23 15:02*	*08/21/23 20:49*	*1*
Nitrobenzene-d5 (Surr)	*88*		*46 - 120*	*08/18/23 15:02*	*08/21/23 20:49*	*1*
p-Terphenyl-d14 (Surr)	*64*		*60 - 148*	*08/18/23 15:02*	*08/21/23 20:49*	*1*

Client Sample ID: MW-1807

Date Collected: 08/16/23 11:45
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-10

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**13**		2.0	0.82	ug/L			08/21/23 14:47	2
Ethylbenzene	**1.6**	**J**	2.0	1.5	ug/L			08/21/23 14:47	2
Toluene	ND		2.0	1.0	ug/L			08/21/23 14:47	2
Xylenes, Total	ND		4.0	1.3	ug/L			08/21/23 14:47	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*		*08/21/23 14:47*	*2*
4-Bromofluorobenzene (Surr)	*115*		*73 - 120*		*08/21/23 14:47*	*2*
Dibromofluoromethane (Surr)	*109*		*75 - 123*		*08/21/23 14:47*	*2*
Toluene-d8 (Surr)	*91*		*80 - 120*		*08/21/23 14:47*	*2*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**3.1**	**J**	5.0	0.73	ug/L		08/18/23 15:02	08/21/23 21:16	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/18/23 15:02	08/21/23 21:16	1
Acenaphthene	**33**		5.0	0.41	ug/L		08/18/23 15:02	08/21/23 21:16	1
Acenaphthylene	**3.5**	**J**	5.0	0.38	ug/L		08/18/23 15:02	08/21/23 21:16	1
Anthracene	**1.8**	**J**	5.0	0.28	ug/L		08/18/23 15:02	08/21/23 21:16	1
Benzo[a]anthracene	**0.47**	**J**	5.0	0.36	ug/L		08/18/23 15:02	08/21/23 21:16	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 21:16	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/21/23 21:16	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/18/23 15:02	08/21/23 21:16	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/21/23 21:16	1

Client Sample ID: MW-1807

Lab Sample ID: 480-211970-10

Date Collected: 08/16/23 11:45

Matrix: Water

Date Received: 08/17/23 19:15

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	**0.35**	**J**	5.0	0.33	ug/L		08/18/23 15:02	08/21/23 21:16	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/18/23 15:02	08/21/23 21:16	1
Fluoranthene	**5.0**		5.0	0.40	ug/L		08/18/23 15:02	08/21/23 21:16	1
Fluorene	**14**		5.0	0.36	ug/L		08/18/23 15:02	08/21/23 21:16	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 21:16	1
Naphthalene	**0.91**	**J**	5.0	0.76	ug/L		08/18/23 15:02	08/21/23 21:16	1
Phenanthrene	**3.6**	**J**	5.0	0.44	ug/L		08/18/23 15:02	08/21/23 21:16	1
Pyrene	**6.3**		5.0	0.34	ug/L		08/18/23 15:02	08/21/23 21:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*97*		*48 - 120*	*08/18/23 15:02*	*08/21/23 21:16*	*1*
Nitrobenzene-d5 (Surr)	*89*		*46 - 120*	*08/18/23 15:02*	*08/21/23 21:16*	*1*
p-Terphenyl-d14 (Surr)	*72*		*60 - 148*	*08/18/23 15:02*	*08/21/23 21:16*	*1*

Client Sample ID: PZ-36

Lab Sample ID: 480-211970-11

Date Collected: 08/16/23 13:45

Matrix: Water

Date Received: 08/17/23 19:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**4.0**		1.0	0.41	ug/L			08/22/23 14:09	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/22/23 14:09	1
Toluene	ND		1.0	0.51	ug/L			08/22/23 14:09	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/22/23 14:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*08/22/23 14:09*	*1*
4-Bromofluorobenzene (Surr)	*113*		*73 - 120*		*08/22/23 14:09*	*1*
Dibromofluoromethane (Surr)	*109*		*75 - 123*		*08/22/23 14:09*	*1*
Toluene-d8 (Surr)	*90*		*80 - 120*		*08/22/23 14:09*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**2.8**	**J**	5.0	0.73	ug/L		08/18/23 15:02	08/21/23 21:43	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/18/23 15:02	08/21/23 21:43	1
Acenaphthene	**19**		5.0	0.41	ug/L		08/18/23 15:02	08/21/23 21:43	1
Acenaphthylene	**7.6**		5.0	0.38	ug/L		08/18/23 15:02	08/21/23 21:43	1
Anthracene	**0.58**	**J**	5.0	0.28	ug/L		08/18/23 15:02	08/21/23 21:43	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/18/23 15:02	08/21/23 21:43	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 21:43	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/21/23 21:43	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/18/23 15:02	08/21/23 21:43	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/21/23 21:43	1
Chrysene	ND		5.0	0.33	ug/L		08/18/23 15:02	08/21/23 21:43	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/18/23 15:02	08/21/23 21:43	1
Fluoranthene	**2.8**	**J**	5.0	0.40	ug/L		08/18/23 15:02	08/21/23 21:43	1
Fluorene	**2.0**	**J**	5.0	0.36	ug/L		08/18/23 15:02	08/21/23 21:43	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 21:43	1
Naphthalene	ND		5.0	0.76	ug/L		08/18/23 15:02	08/21/23 21:43	1
Phenanthrene	**1.1**	**J**	5.0	0.44	ug/L		08/18/23 15:02	08/21/23 21:43	1
Pyrene	**3.6**	**J**	5.0	0.34	ug/L		08/18/23 15:02	08/21/23 21:43	1

Client Sample ID: PZ-36

Date Collected: 08/16/23 13:45
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-11
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*93*		*48 - 120*	*08/18/23 15:02*	*08/21/23 21:43*	*1*
Nitrobenzene-d5 (Surr)	*83*		*46 - 120*	*08/18/23 15:02*	*08/21/23 21:43*	*1*
p-Terphenyl-d14 (Surr)	*62*		*60 - 148*	*08/18/23 15:02*	*08/21/23 21:43*	*1*

Client Sample ID: MW-1809

Date Collected: 08/16/23 13:00
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-12
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			08/21/23 15:31	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/21/23 15:31	1
Toluene	ND		1.0	0.51	ug/L			08/21/23 15:31	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/21/23 15:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*		*08/21/23 15:31*	*1*
4-Bromofluorobenzene (Surr)	*115*		*73 - 120*		*08/21/23 15:31*	*1*
Dibromofluoromethane (Surr)	*111*		*75 - 123*		*08/21/23 15:31*	*1*
Toluene-d8 (Surr)	*90*		*80 - 120*		*08/21/23 15:31*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/21/23 22:10	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/18/23 15:02	08/21/23 22:10	1
Acenaphthene	ND		5.0	0.41	ug/L		08/18/23 15:02	08/21/23 22:10	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/18/23 15:02	08/21/23 22:10	1
Anthracene	ND		5.0	0.28	ug/L		08/18/23 15:02	08/21/23 22:10	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/18/23 15:02	08/21/23 22:10	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 22:10	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/21/23 22:10	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/18/23 15:02	08/21/23 22:10	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/21/23 22:10	1
Chrysene	ND		5.0	0.33	ug/L		08/18/23 15:02	08/21/23 22:10	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/18/23 15:02	08/21/23 22:10	1
Fluoranthene	ND		5.0	0.40	ug/L		08/18/23 15:02	08/21/23 22:10	1
Fluorene	ND		5.0	0.36	ug/L		08/18/23 15:02	08/21/23 22:10	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 22:10	1
Naphthalene	ND		5.0	0.76	ug/L		08/18/23 15:02	08/21/23 22:10	1
Phenanthrene	ND		5.0	0.44	ug/L		08/18/23 15:02	08/21/23 22:10	1
Pyrene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/21/23 22:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*94*		*48 - 120*	*08/18/23 15:02*	*08/21/23 22:10*	*1*
Nitrobenzene-d5 (Surr)	*86*		*46 - 120*	*08/18/23 15:02*	*08/21/23 22:10*	*1*
p-Terphenyl-d14 (Surr)	*69*		*60 - 148*	*08/18/23 15:02*	*08/21/23 22:10*	*1*

Client Sample ID: PZ-13

Date Collected: 08/16/23 14:10
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-13
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			08/21/23 15:53	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/21/23 15:53	1
Toluene	ND		1.0	0.51	ug/L			08/21/23 15:53	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/21/23 15:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*08/21/23 15:53*	*1*
4-Bromofluorobenzene (Surr)	*116*		*73 - 120*		*08/21/23 15:53*	*1*
Dibromofluoromethane (Surr)	*112*		*75 - 123*		*08/21/23 15:53*	*1*
Toluene-d8 (Surr)	*90*		*80 - 120*		*08/21/23 15:53*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/21/23 22:37	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/18/23 15:02	08/21/23 22:37	1
Acenaphthene	ND		5.0	0.41	ug/L		08/18/23 15:02	08/21/23 22:37	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/18/23 15:02	08/21/23 22:37	1
Anthracene	ND		5.0	0.28	ug/L		08/18/23 15:02	08/21/23 22:37	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/18/23 15:02	08/21/23 22:37	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 22:37	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/21/23 22:37	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/18/23 15:02	08/21/23 22:37	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/21/23 22:37	1
Chrysene	ND		5.0	0.33	ug/L		08/18/23 15:02	08/21/23 22:37	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/18/23 15:02	08/21/23 22:37	1
Fluoranthene	ND		5.0	0.40	ug/L		08/18/23 15:02	08/21/23 22:37	1
Fluorene	ND		5.0	0.36	ug/L		08/18/23 15:02	08/21/23 22:37	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 22:37	1
Naphthalene	ND		5.0	0.76	ug/L		08/18/23 15:02	08/21/23 22:37	1
Phenanthrene	ND		5.0	0.44	ug/L		08/18/23 15:02	08/21/23 22:37	1
Pyrene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/21/23 22:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*101*		*48 - 120*	*08/18/23 15:02*	*08/21/23 22:37*	*1*
Nitrobenzene-d5 (Surr)	*91*		*46 - 120*	*08/18/23 15:02*	*08/21/23 22:37*	*1*
p-Terphenyl-d14 (Surr)	*65*		*60 - 148*	*08/18/23 15:02*	*08/21/23 22:37*	*1*

Client Sample ID: PZ-17

Date Collected: 08/16/23 14:50
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-14
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			08/21/23 16:15	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/21/23 16:15	1
Toluene	ND		1.0	0.51	ug/L			08/21/23 16:15	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/21/23 16:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*08/21/23 16:15*	*1*
4-Bromofluorobenzene (Surr)	*114*		*73 - 120*		*08/21/23 16:15*	*1*

Client Sample ID: PZ-17

Lab Sample ID: 480-211970-14

Date Collected: 08/16/23 14:50

Matrix: Water

Date Received: 08/17/23 19:15

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*111*		*75 - 123*		*08/21/23 16:15*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*08/21/23 16:15*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/21/23 23:04	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/18/23 15:02	08/21/23 23:04	1
Acenaphthene	ND		5.0	0.41	ug/L		08/18/23 15:02	08/21/23 23:04	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/18/23 15:02	08/21/23 23:04	1
Anthracene	ND		5.0	0.28	ug/L		08/18/23 15:02	08/21/23 23:04	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/18/23 15:02	08/21/23 23:04	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 23:04	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/21/23 23:04	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/18/23 15:02	08/21/23 23:04	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/21/23 23:04	1
Chrysene	ND		5.0	0.33	ug/L		08/18/23 15:02	08/21/23 23:04	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/18/23 15:02	08/21/23 23:04	1
Fluoranthene	ND		5.0	0.40	ug/L		08/18/23 15:02	08/21/23 23:04	1
Fluorene	ND		5.0	0.36	ug/L		08/18/23 15:02	08/21/23 23:04	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 23:04	1
Naphthalene	ND		5.0	0.76	ug/L		08/18/23 15:02	08/21/23 23:04	1
Phenanthrene	ND		5.0	0.44	ug/L		08/18/23 15:02	08/21/23 23:04	1
Pyrene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/21/23 23:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*97*		*48 - 120*	*08/18/23 15:02*	*08/21/23 23:04*	*1*
Nitrobenzene-d5 (Surr)	*85*		*46 - 120*	*08/18/23 15:02*	*08/21/23 23:04*	*1*
p-Terphenyl-d14 (Surr)	*60*		*60 - 148*	*08/18/23 15:02*	*08/21/23 23:04*	*1*

Client Sample ID: PZ-19

Lab Sample ID: 480-211970-15

Date Collected: 08/16/23 15:20

Matrix: Water

Date Received: 08/17/23 19:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			08/21/23 16:37	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/21/23 16:37	1
Toluene	ND		1.0	0.51	ug/L			08/21/23 16:37	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/21/23 16:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*08/21/23 16:37*	*1*
4-Bromofluorobenzene (Surr)	*114*		*73 - 120*		*08/21/23 16:37*	*1*
Dibromofluoromethane (Surr)	*110*		*75 - 123*		*08/21/23 16:37*	*1*
Toluene-d8 (Surr)	*89*		*80 - 120*		*08/21/23 16:37*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/21/23 23:31	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/18/23 15:02	08/21/23 23:31	1

Client Sample ID: PZ-19

Date Collected: 08/16/23 15:20
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-15
Matrix: Water

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0	0.41	ug/L		08/18/23 15:02	08/21/23 23:31	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/18/23 15:02	08/21/23 23:31	1
Anthracene	ND		5.0	0.28	ug/L		08/18/23 15:02	08/21/23 23:31	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/18/23 15:02	08/21/23 23:31	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 23:31	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/21/23 23:31	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/18/23 15:02	08/21/23 23:31	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/21/23 23:31	1
Chrysene	ND		5.0	0.33	ug/L		08/18/23 15:02	08/21/23 23:31	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/18/23 15:02	08/21/23 23:31	1
Fluoranthene	ND		5.0	0.40	ug/L		08/18/23 15:02	08/21/23 23:31	1
Fluorene	ND		5.0	0.36	ug/L		08/18/23 15:02	08/21/23 23:31	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 23:31	1
Naphthalene	ND		5.0	0.76	ug/L		08/18/23 15:02	08/21/23 23:31	1
Phenanthrene	ND		5.0	0.44	ug/L		08/18/23 15:02	08/21/23 23:31	1
Pyrene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/21/23 23:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*102*		*48 - 120*	*08/18/23 15:02*	*08/21/23 23:31*	*1*
Nitrobenzene-d5 (Surr)	*92*		*46 - 120*	*08/18/23 15:02*	*08/21/23 23:31*	*1*
p-Terphenyl-d14 (Surr)	*63*		*60 - 148*	*08/18/23 15:02*	*08/21/23 23:31*	*1*

Client Sample ID: MW-1801

Date Collected: 08/17/23 08:35
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-16
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**45**		5.0	2.1	ug/L			08/22/23 14:31	5
Ethylbenzene	**170**		5.0	3.7	ug/L			08/22/23 14:31	5
Toluene	**4.7**	**J**	5.0	2.6	ug/L			08/22/23 14:31	5
Xylenes, Total	**78**		10	3.3	ug/L			08/22/23 14:31	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*		*08/22/23 14:31*	*5*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*		*08/22/23 14:31*	*5*
Dibromofluoromethane (Surr)	*109*		*75 - 123*		*08/22/23 14:31*	*5*
Toluene-d8 (Surr)	*90*		*80 - 120*		*08/22/23 14:31*	*5*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**160**	**E**	5.0	0.73	ug/L		08/18/23 15:02	08/21/23 23:57	1
2-Methylnaphthalene	**6.1**		5.0	0.60	ug/L		08/18/23 15:02	08/21/23 23:57	1
Acenaphthene	**87**	**E**	5.0	0.41	ug/L		08/18/23 15:02	08/21/23 23:57	1
Acenaphthylene	**7.5**		5.0	0.38	ug/L		08/18/23 15:02	08/21/23 23:57	1
Anthracene	**12**		5.0	0.28	ug/L		08/18/23 15:02	08/21/23 23:57	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/18/23 15:02	08/21/23 23:57	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 23:57	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/21/23 23:57	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/18/23 15:02	08/21/23 23:57	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/21/23 23:57	1

Client Sample ID: MW-1801

Date Collected: 08/17/23 08:35
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-16
Matrix: Water

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		08/18/23 15:02	08/21/23 23:57	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/18/23 15:02	08/21/23 23:57	1
Fluoranthene	**4.9**	**J**	5.0	0.40	ug/L		08/18/23 15:02	08/21/23 23:57	1
Fluorene	**36**		5.0	0.36	ug/L		08/18/23 15:02	08/21/23 23:57	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 23:57	1
Naphthalene	**160**	**E**	5.0	0.76	ug/L		08/18/23 15:02	08/21/23 23:57	1
Phenanthrene	**54**		5.0	0.44	ug/L		08/18/23 15:02	08/21/23 23:57	1
Pyrene	**6.4**		5.0	0.34	ug/L		08/18/23 15:02	08/21/23 23:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*92*		*48 - 120*	*08/18/23 15:02*	*08/21/23 23:57*	*1*
Nitrobenzene-d5 (Surr)	*85*		*46 - 120*	*08/18/23 15:02*	*08/21/23 23:57*	*1*
p-Terphenyl-d14 (Surr)	*51*	*S1-*	*60 - 148*	*08/18/23 15:02*	*08/21/23 23:57*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**180**		50	7.3	ug/L		08/18/23 15:02	08/22/23 19:06	10
2-Methylnaphthalene	ND		50	6.0	ug/L		08/18/23 15:02	08/22/23 19:06	10
Acenaphthene	**89**		50	4.1	ug/L		08/18/23 15:02	08/22/23 19:06	10
Acenaphthylene	**6.9**	**J**	50	3.8	ug/L		08/18/23 15:02	08/22/23 19:06	10
Anthracene	**13**	**J**	50	2.8	ug/L		08/18/23 15:02	08/22/23 19:06	10
Benzo[a]anthracene	ND		50	3.6	ug/L		08/18/23 15:02	08/22/23 19:06	10
Benzo[a]pyrene	ND		50	4.7	ug/L		08/18/23 15:02	08/22/23 19:06	10
Benzo[b]fluoranthene	ND		50	3.4	ug/L		08/18/23 15:02	08/22/23 19:06	10
Benzo[g,h,i]perylene	ND		50	3.5	ug/L		08/18/23 15:02	08/22/23 19:06	10
Benzo[k]fluoranthene	ND		50	7.3	ug/L		08/18/23 15:02	08/22/23 19:06	10
Chrysene	ND		50	3.3	ug/L		08/18/23 15:02	08/22/23 19:06	10
Dibenz(a,h)anthracene	ND		50	4.2	ug/L		08/18/23 15:02	08/22/23 19:06	10
Fluoranthene	**4.4**	**J**	50	4.0	ug/L		08/18/23 15:02	08/22/23 19:06	10
Fluorene	**37**	**J**	50	3.6	ug/L		08/18/23 15:02	08/22/23 19:06	10
Indeno[1,2,3-cd]pyrene	ND		50	4.7	ug/L		08/18/23 15:02	08/22/23 19:06	10
Naphthalene	**200**		50	7.6	ug/L		08/18/23 15:02	08/22/23 19:06	10
Phenanthrene	**53**		50	4.4	ug/L		08/18/23 15:02	08/22/23 19:06	10
Pyrene	**6.1**	**J**	50	3.4	ug/L		08/18/23 15:02	08/22/23 19:06	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*78*		*48 - 120*	*08/18/23 15:02*	*08/22/23 19:06*	*10*
Nitrobenzene-d5 (Surr)	*83*		*46 - 120*	*08/18/23 15:02*	*08/22/23 19:06*	*10*
p-Terphenyl-d14 (Surr)	*39*	*S1-*	*60 - 148*	*08/18/23 15:02*	*08/22/23 19:06*	*10*

Client Sample ID: MW-045

Date Collected: 08/17/23 09:35
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-17
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**42**		2.0	0.82	ug/L			08/21/23 17:21	2
Ethylbenzene	**120**		2.0	1.5	ug/L			08/21/23 17:21	2
Toluene	**4.5**		2.0	1.0	ug/L			08/21/23 17:21	2
Xylenes, Total	**49**		4.0	1.3	ug/L			08/21/23 17:21	2

Client Sample ID: MW-045
Date Collected: 08/17/23 09:35
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-17
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		77 - 120		08/21/23 17:21	2
4-Bromofluorobenzene (Surr)	111		73 - 120		08/21/23 17:21	2
Dibromofluoromethane (Surr)	113		75 - 123		08/21/23 17:21	2
Toluene-d8 (Surr)	90		80 - 120		08/21/23 17:21	2

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	210	E	5.0	0.73	ug/L		08/18/23 15:02	08/22/23 00:24	1
2-Methylnaphthalene	16		5.0	0.60	ug/L		08/18/23 15:02	08/22/23 00:24	1
Acenaphthene	150	E	5.0	0.41	ug/L		08/18/23 15:02	08/22/23 00:24	1
Acenaphthylene	7.6		5.0	0.38	ug/L		08/18/23 15:02	08/22/23 00:24	1
Anthracene	16		5.0	0.28	ug/L		08/18/23 15:02	08/22/23 00:24	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/18/23 15:02	08/22/23 00:24	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/22/23 00:24	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/22/23 00:24	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/18/23 15:02	08/22/23 00:24	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/22/23 00:24	1
Chrysene	ND		5.0	0.33	ug/L		08/18/23 15:02	08/22/23 00:24	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/18/23 15:02	08/22/23 00:24	1
Fluoranthene	5.8		5.0	0.40	ug/L		08/18/23 15:02	08/22/23 00:24	1
Fluorene	64		5.0	0.36	ug/L		08/18/23 15:02	08/22/23 00:24	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/22/23 00:24	1
Naphthalene	140	E	5.0	0.76	ug/L		08/18/23 15:02	08/22/23 00:24	1
Phenanthrene	76	E	5.0	0.44	ug/L		08/18/23 15:02	08/22/23 00:24	1
Pyrene	6.8		5.0	0.34	ug/L		08/18/23 15:02	08/22/23 00:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	89		48 - 120	08/18/23 15:02	08/22/23 00:24	1
Nitrobenzene-d5 (Surr)	81		46 - 120	08/18/23 15:02	08/22/23 00:24	1
p-Terphenyl-d14 (Surr)	56	S1-	60 - 148	08/18/23 15:02	08/22/23 00:24	1

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	260		50	7.3	ug/L		08/18/23 15:02	08/22/23 19:33	10
2-Methylnaphthalene	14	J	50	6.0	ug/L		08/18/23 15:02	08/22/23 19:33	10
Acenaphthene	180		50	4.1	ug/L		08/18/23 15:02	08/22/23 19:33	10
Acenaphthylene	7.1	J	50	3.8	ug/L		08/18/23 15:02	08/22/23 19:33	10
Anthracene	24	J	50	2.8	ug/L		08/18/23 15:02	08/22/23 19:33	10
Benzo[a]anthracene	ND		50	3.6	ug/L		08/18/23 15:02	08/22/23 19:33	10
Benzo[a]pyrene	ND		50	4.7	ug/L		08/18/23 15:02	08/22/23 19:33	10
Benzo[b]fluoranthene	ND		50	3.4	ug/L		08/18/23 15:02	08/22/23 19:33	10
Benzo[g,h,i]perylene	ND		50	3.5	ug/L		08/18/23 15:02	08/22/23 19:33	10
Benzo[k]fluoranthene	ND		50	7.3	ug/L		08/18/23 15:02	08/22/23 19:33	10
Chrysene	ND		50	3.3	ug/L		08/18/23 15:02	08/22/23 19:33	10
Dibenz(a,h)anthracene	ND		50	4.2	ug/L		08/18/23 15:02	08/22/23 19:33	10
Fluoranthene	5.4	J	50	4.0	ug/L		08/18/23 15:02	08/22/23 19:33	10
Fluorene	69		50	3.6	ug/L		08/18/23 15:02	08/22/23 19:33	10
Indeno[1,2,3-cd]pyrene	ND		50	4.7	ug/L		08/18/23 15:02	08/22/23 19:33	10
Naphthalene	180		50	7.6	ug/L		08/18/23 15:02	08/22/23 19:33	10
Phenanthrene	79		50	4.4	ug/L		08/18/23 15:02	08/22/23 19:33	10
Pyrene	6.2	J	50	3.4	ug/L		08/18/23 15:02	08/22/23 19:33	10

Client Sample ID: MW-045

Date Collected: 08/17/23 09:35
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-17
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*75*		*48 - 120*	*08/18/23 15:02*	*08/22/23 19:33*	*10*
Nitrobenzene-d5 (Surr)	*82*		*46 - 120*	*08/18/23 15:02*	*08/22/23 19:33*	*10*
p-Terphenyl-d14 (Surr)	*45*	*S1-*	*60 - 148*	*08/18/23 15:02*	*08/22/23 19:33*	*10*

Client Sample ID: MW-1808

Date Collected: 08/17/23 10:30
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-18
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**4.5**	**J**	5.0	2.1	ug/L			08/21/23 17:43	5
Ethylbenzene	**5.9**		5.0	3.7	ug/L			08/21/23 17:43	5
Toluene	ND		5.0	2.6	ug/L			08/21/23 17:43	5
Xylenes, Total	ND		10	3.3	ug/L			08/21/23 17:43	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*08/21/23 17:43*	*5*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*08/21/23 17:43*	*5*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*08/21/23 17:43*	*5*
Toluene-d8 (Surr)	*86*		*80 - 120*		*08/21/23 17:43*	*5*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**110**	**E**	5.0	0.73	ug/L		08/18/23 15:02	08/22/23 00:51	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/18/23 15:02	08/22/23 00:51	1
Acenaphthene	**59**		5.0	0.41	ug/L		08/18/23 15:02	08/22/23 00:51	1
Acenaphthylene	**7.9**		5.0	0.38	ug/L		08/18/23 15:02	08/22/23 00:51	1
Anthracene	**2.9**	**J**	5.0	0.28	ug/L		08/18/23 15:02	08/22/23 00:51	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/18/23 15:02	08/22/23 00:51	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/22/23 00:51	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/22/23 00:51	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/18/23 15:02	08/22/23 00:51	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/22/23 00:51	1
Chrysene	ND		5.0	0.33	ug/L		08/18/23 15:02	08/22/23 00:51	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/18/23 15:02	08/22/23 00:51	1
Fluoranthene	**1.7**	**J**	5.0	0.40	ug/L		08/18/23 15:02	08/22/23 00:51	1
Fluorene	**23**		5.0	0.36	ug/L		08/18/23 15:02	08/22/23 00:51	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/22/23 00:51	1
Naphthalene	**2.4**	**J**	5.0	0.76	ug/L		08/18/23 15:02	08/22/23 00:51	1
Phenanthrene	**27**		5.0	0.44	ug/L		08/18/23 15:02	08/22/23 00:51	1
Pyrene	**2.1**	**J**	5.0	0.34	ug/L		08/18/23 15:02	08/22/23 00:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*96*		*48 - 120*	*08/18/23 15:02*	*08/22/23 00:51*	*1*
Nitrobenzene-d5 (Surr)	*89*		*46 - 120*	*08/18/23 15:02*	*08/22/23 00:51*	*1*
p-Terphenyl-d14 (Surr)	*55*	*S1-*	*60 - 148*	*08/18/23 15:02*	*08/22/23 00:51*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**110**		25	3.7	ug/L		08/18/23 15:02	08/22/23 20:00	5
2-Methylnaphthalene	ND		25	3.0	ug/L		08/18/23 15:02	08/22/23 20:00	5

Client Sample ID: MW-1808

Date Collected: 08/17/23 10:30
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-18
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**53**		25	2.1	ug/L		08/18/23 15:02	08/22/23 20:00	5
Acenaphthylene	**6.6**	**J**	25	1.9	ug/L		08/18/23 15:02	08/22/23 20:00	5
Anthracene	**4.4**	**J**	25	1.4	ug/L		08/18/23 15:02	08/22/23 20:00	5
Benzo[a]anthracene	ND		25	1.8	ug/L		08/18/23 15:02	08/22/23 20:00	5
Benzo[a]pyrene	ND		25	2.4	ug/L		08/18/23 15:02	08/22/23 20:00	5
Benzo[b]fluoranthene	ND		25	1.7	ug/L		08/18/23 15:02	08/22/23 20:00	5
Benzo[g,h,i]perylene	ND		25	1.8	ug/L		08/18/23 15:02	08/22/23 20:00	5
Benzo[k]fluoranthene	ND		25	3.7	ug/L		08/18/23 15:02	08/22/23 20:00	5
Chrysene	ND		25	1.7	ug/L		08/18/23 15:02	08/22/23 20:00	5
Dibenz(a,h)anthracene	ND		25	2.1	ug/L		08/18/23 15:02	08/22/23 20:00	5
Fluoranthene	ND		25	2.0	ug/L		08/18/23 15:02	08/22/23 20:00	5
Fluorene	**21**	**J**	25	1.8	ug/L		08/18/23 15:02	08/22/23 20:00	5
Indeno[1,2,3-cd]pyrene	ND		25	2.4	ug/L		08/18/23 15:02	08/22/23 20:00	5
Naphthalene	ND		25	3.8	ug/L		08/18/23 15:02	08/22/23 20:00	5
Phenanthrene	**22**	**J**	25	2.2	ug/L		08/18/23 15:02	08/22/23 20:00	5
Pyrene	**2.0**	**J**	25	1.7	ug/L		08/18/23 15:02	08/22/23 20:00	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*78*		*48 - 120*	*08/18/23 15:02*	*08/22/23 20:00*	*5*
Nitrobenzene-d5 (Surr)	*79*		*46 - 120*	*08/18/23 15:02*	*08/22/23 20:00*	*5*
p-Terphenyl-d14 (Surr)	*41*	*S1-*	*60 - 148*	*08/18/23 15:02*	*08/22/23 20:00*	*5*

Client Sample ID: MW-1802

Date Collected: 08/17/23 11:35
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-19
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		10	4.1	ug/L			08/22/23 14:53	10
Ethylbenzene	**210**	**F1**	10	7.4	ug/L			08/22/23 14:53	10
Toluene	ND		10	5.1	ug/L			08/22/23 14:53	10
Xylenes, Total	**120**		20	6.6	ug/L			08/22/23 14:53	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*		*08/22/23 14:53*	*10*
4-Bromofluorobenzene (Surr)	*110*		*73 - 120*		*08/22/23 14:53*	*10*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*08/22/23 14:53*	*10*
Toluene-d8 (Surr)	*89*		*80 - 120*		*08/22/23 14:53*	*10*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**140**	**E**	5.0	0.73	ug/L		08/18/23 15:02	08/22/23 01:18	1
2-Methylnaphthalene	**43**		5.0	0.60	ug/L		08/18/23 15:02	08/22/23 01:18	1
Acenaphthene	**97**	**E**	5.0	0.41	ug/L		08/18/23 15:02	08/22/23 01:18	1
Acenaphthylene	**4.5**	**J**	5.0	0.38	ug/L		08/18/23 15:02	08/22/23 01:18	1
Anthracene	**7.7**		5.0	0.28	ug/L		08/18/23 15:02	08/22/23 01:18	1
Benzo[a]anthracene	**0.89**	**J**	5.0	0.36	ug/L		08/18/23 15:02	08/22/23 01:18	1
Benzo[a]pyrene	**0.51**	**J**	5.0	0.47	ug/L		08/18/23 15:02	08/22/23 01:18	1
Benzo[b]fluoranthene	**0.37**	**J**	5.0	0.34	ug/L		08/18/23 15:02	08/22/23 01:18	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/18/23 15:02	08/22/23 01:18	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/22/23 01:18	1

Client Sample ID: MW-1802

Date Collected: 08/17/23 11:35
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-19
Matrix: Water

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	0.84	J	5.0	0.33	ug/L		08/18/23 15:02	08/22/23 01:18	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/18/23 15:02	08/22/23 01:18	1
Fluoranthene	5.5		5.0	0.40	ug/L		08/18/23 15:02	08/22/23 01:18	1
Fluorene	30		5.0	0.36	ug/L		08/18/23 15:02	08/22/23 01:18	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/22/23 01:18	1
Naphthalene	530	E	5.0	0.76	ug/L		08/18/23 15:02	08/22/23 01:18	1
Phenanthrene	33		5.0	0.44	ug/L		08/18/23 15:02	08/22/23 01:18	1
Pyrene	7.4		5.0	0.34	ug/L		08/18/23 15:02	08/22/23 01:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*90*		*48 - 120*	*08/18/23 15:02*	*08/22/23 01:18*	*1*
Nitrobenzene-d5 (Surr)	*108*		*46 - 120*	*08/18/23 15:02*	*08/22/23 01:18*	*1*
p-Terphenyl-d14 (Surr)	*43*	*S1-*	*60 - 148*	*08/18/23 15:02*	*08/22/23 01:18*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	140	J	250	37	ug/L		08/18/23 15:02	08/23/23 19:47	50
2-Methylnaphthalene	34	J	250	30	ug/L		08/18/23 15:02	08/23/23 19:47	50
Acenaphthene	120	J	250	21	ug/L		08/18/23 15:02	08/23/23 19:47	50
Acenaphthylene	ND		250	19	ug/L		08/18/23 15:02	08/23/23 19:47	50
Anthracene	15	J	250	14	ug/L		08/18/23 15:02	08/23/23 19:47	50
Benzo[a]anthracene	ND		250	18	ug/L		08/18/23 15:02	08/23/23 19:47	50
Benzo[a]pyrene	ND		250	24	ug/L		08/18/23 15:02	08/23/23 19:47	50
Benzo[b]fluoranthene	ND		250	17	ug/L		08/18/23 15:02	08/23/23 19:47	50
Benzo[g,h,i]perylene	ND		250	18	ug/L		08/18/23 15:02	08/23/23 19:47	50
Benzo[k]fluoranthene	ND		250	37	ug/L		08/18/23 15:02	08/23/23 19:47	50
Chrysene	ND		250	17	ug/L		08/18/23 15:02	08/23/23 19:47	50
Dibenz(a,h)anthracene	ND		250	21	ug/L		08/18/23 15:02	08/23/23 19:47	50
Fluoranthene	ND		250	20	ug/L		08/18/23 15:02	08/23/23 19:47	50
Fluorene	35	J	250	18	ug/L		08/18/23 15:02	08/23/23 19:47	50
Indeno[1,2,3-cd]pyrene	ND		250	24	ug/L		08/18/23 15:02	08/23/23 19:47	50
Naphthalene	1500		250	38	ug/L		08/18/23 15:02	08/23/23 19:47	50
Phenanthrene	35	J	250	22	ug/L		08/18/23 15:02	08/23/23 19:47	50
Pyrene	ND		250	17	ug/L		08/18/23 15:02	08/23/23 19:47	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*62*		*48 - 120*	*08/18/23 15:02*	*08/23/23 19:47*	*50*
Nitrobenzene-d5 (Surr)	*129*	*S1+*	*46 - 120*	*08/18/23 15:02*	*08/23/23 19:47*	*50*
p-Terphenyl-d14 (Surr)	*31*	*S1-*	*60 - 148*	*08/18/23 15:02*	*08/23/23 19:47*	*50*

Client Sample ID: PZ-18

Date Collected: 08/17/23 16:00
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-20
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			08/21/23 18:27	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/21/23 18:27	1
Toluene	ND		1.0	0.51	ug/L			08/21/23 18:27	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/21/23 18:27	1

Client Sample ID: PZ-18

Date Collected: 08/17/23 16:00
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-20

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*08/21/23 18:27*	*1*
4-Bromofluorobenzene (Surr)	*114*		*73 - 120*		*08/21/23 18:27*	*1*
Dibromofluoromethane (Surr)	*110*		*75 - 123*		*08/21/23 18:27*	*1*
Toluene-d8 (Surr)	*90*		*80 - 120*		*08/21/23 18:27*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/22/23 01:44	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/18/23 15:02	08/22/23 01:44	1
Acenaphthene	ND		5.0	0.41	ug/L		08/18/23 15:02	08/22/23 01:44	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/18/23 15:02	08/22/23 01:44	1
Anthracene	ND		5.0	0.28	ug/L		08/18/23 15:02	08/22/23 01:44	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/18/23 15:02	08/22/23 01:44	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/22/23 01:44	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/22/23 01:44	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/18/23 15:02	08/22/23 01:44	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/22/23 01:44	1
Chrysene	ND		5.0	0.33	ug/L		08/18/23 15:02	08/22/23 01:44	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/18/23 15:02	08/22/23 01:44	1
Fluoranthene	ND		5.0	0.40	ug/L		08/18/23 15:02	08/22/23 01:44	1
Fluorene	ND		5.0	0.36	ug/L		08/18/23 15:02	08/22/23 01:44	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/22/23 01:44	1
Naphthalene	ND		5.0	0.76	ug/L		08/18/23 15:02	08/22/23 01:44	1
Phenanthrene	ND		5.0	0.44	ug/L		08/18/23 15:02	08/22/23 01:44	1
Pyrene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/22/23 01:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*91*		*48 - 120*	*08/18/23 15:02*	*08/22/23 01:44*	*1*
Nitrobenzene-d5 (Surr)	*82*		*46 - 120*	*08/18/23 15:02*	*08/22/23 01:44*	*1*
p-Terphenyl-d14 (Surr)	*57*	*S1-*	*60 - 148*	*08/18/23 15:02*	*08/22/23 01:44*	*1*

Client Sample ID: MW-1806

Date Collected: 08/17/23 16:40
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-21

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		10	4.1	ug/L			08/22/23 15:15	10
Ethylbenzene	**19**		10	7.4	ug/L			08/22/23 15:15	10
Toluene	ND		10	5.1	ug/L			08/22/23 15:15	10
Xylenes, Total	**17**	**J**	20	6.6	ug/L			08/22/23 15:15	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*08/22/23 15:15*	*10*
4-Bromofluorobenzene (Surr)	*111*		*73 - 120*		*08/22/23 15:15*	*10*
Dibromofluoromethane (Surr)	*108*		*75 - 123*		*08/22/23 15:15*	*10*
Toluene-d8 (Surr)	*91*		*80 - 120*		*08/22/23 15:15*	*10*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**22**	**J**	25	3.7	ug/L		08/18/23 15:02	08/22/23 02:11	5

Client Sample ID: MW-1806

Lab Sample ID: 480-211970-21

Date Collected: 08/17/23 16:40

Matrix: Water

Date Received: 08/17/23 19:15

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	ND		25	3.0	ug/L		08/18/23 15:02	08/22/23 02:11	5
Acenaphthene	**41**		25	2.1	ug/L		08/18/23 15:02	08/22/23 02:11	5
Acenaphthylene	**4.9**	**J**	25	1.9	ug/L		08/18/23 15:02	08/22/23 02:11	5
Anthracene	**4.4**	**J**	25	1.4	ug/L		08/18/23 15:02	08/22/23 02:11	5
Benzo[a]anthracene	**3.4**	**J**	25	1.8	ug/L		08/18/23 15:02	08/22/23 02:11	5
Benzo[a]pyrene	**3.8**	**J**	25	2.4	ug/L		08/18/23 15:02	08/22/23 02:11	5
Benzo[b]fluoranthene	**2.5**	**J**	25	1.7	ug/L		08/18/23 15:02	08/22/23 02:11	5
Benzo[g,h,i]perylene	ND		25	1.8	ug/L		08/18/23 15:02	08/22/23 02:11	5
Benzo[k]fluoranthene	ND		25	3.7	ug/L		08/18/23 15:02	08/22/23 02:11	5
Chrysene	**2.1**	**J**	25	1.7	ug/L		08/18/23 15:02	08/22/23 02:11	5
Dibenz(a,h)anthracene	ND		25	2.1	ug/L		08/18/23 15:02	08/22/23 02:11	5
Fluoranthene	**9.4**	**J**	25	2.0	ug/L		08/18/23 15:02	08/22/23 02:11	5
Fluorene	**11**	**J**	25	1.8	ug/L		08/18/23 15:02	08/22/23 02:11	5
Indeno[1,2,3-cd]pyrene	ND		25	2.4	ug/L		08/18/23 15:02	08/22/23 02:11	5
Naphthalene	**47**		25	3.8	ug/L		08/18/23 15:02	08/22/23 02:11	5
Phenanthrene	**8.5**	**J**	25	2.2	ug/L		08/18/23 15:02	08/22/23 02:11	5
Pyrene	**13**	**J**	25	1.7	ug/L		08/18/23 15:02	08/22/23 02:11	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*88*		*48 - 120*	*08/18/23 15:02*	*08/22/23 02:11*	*5*
Nitrobenzene-d5 (Surr)	*77*		*46 - 120*	*08/18/23 15:02*	*08/22/23 02:11*	*5*
p-Terphenyl-d14 (Surr)	*48*	*S1-*	*60 - 148*	*08/18/23 15:02*	*08/22/23 02:11*	*5*

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-211970-22

Date Collected: 08/15/23 00:00

Matrix: Water

Date Received: 08/17/23 19:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			08/18/23 23:19	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/18/23 23:19	1
Toluene	ND		1.0	0.51	ug/L			08/18/23 23:19	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/18/23 23:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*08/18/23 23:19*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*08/18/23 23:19*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 123*		*08/18/23 23:19*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*08/18/23 23:19*	*1*

Client Sample ID: MW-1803

Lab Sample ID: 480-211970-23

Date Collected: 08/15/23 00:00

Matrix: Water

Date Received: 08/17/23 19:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		10	4.1	ug/L			08/18/23 23:40	10
Ethylbenzene	**81**		10	7.4	ug/L			08/18/23 23:40	10
Toluene	ND		10	5.1	ug/L			08/18/23 23:40	10
Xylenes, Total	**50**		20	6.6	ug/L			08/18/23 23:40	10

Client Sample ID: MW-1803

Date Collected: 08/15/23 00:00
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-23
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*08/18/23 23:40*	*10*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*08/18/23 23:40*	*10*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*08/18/23 23:40*	*10*
Toluene-d8 (Surr)	*96*		*80 - 120*		*08/18/23 23:40*	*10*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**380**	***+**	50	7.3	ug/L		08/21/23 08:57	09/01/23 17:55	10
2-Methylnaphthalene	ND	*+	50	6.0	ug/L		08/21/23 08:57	09/01/23 17:55	10
Acenaphthene	**200**		50	4.1	ug/L		08/21/23 08:57	09/01/23 17:55	10
Acenaphthylene	**28**	**J**	50	3.8	ug/L		08/21/23 08:57	09/01/23 17:55	10
Anthracene	**12**	**J *+**	50	2.8	ug/L		08/21/23 08:57	09/01/23 17:55	10
Benzo[a]anthracene	ND		50	3.6	ug/L		08/21/23 08:57	09/01/23 17:55	10
Benzo[a]pyrene	ND		50	4.7	ug/L		08/21/23 08:57	09/01/23 17:55	10
Benzo[b]fluoranthene	ND		50	3.4	ug/L		08/21/23 08:57	09/01/23 17:55	10
Benzo[g,h,i]perylene	ND		50	3.5	ug/L		08/21/23 08:57	09/01/23 17:55	10
Benzo[k]fluoranthene	ND		50	7.3	ug/L		08/21/23 08:57	09/01/23 17:55	10
Chrysene	ND		50	3.3	ug/L		08/21/23 08:57	09/01/23 17:55	10
Dibenz(a,h)anthracene	ND		50	4.2	ug/L		08/21/23 08:57	09/01/23 17:55	10
Fluoranthene	**5.2**	**J *+**	50	4.0	ug/L		08/21/23 08:57	09/01/23 17:55	10
Fluorene	**66**		50	3.6	ug/L		08/21/23 08:57	09/01/23 17:55	10
Indeno[1,2,3-cd]pyrene	ND		50	4.7	ug/L		08/21/23 08:57	09/01/23 17:55	10
Naphthalene	**20**	**J *+**	50	7.6	ug/L		08/21/23 08:57	09/01/23 17:55	10
Phenanthrene	**51**	***+**	50	4.4	ug/L		08/21/23 08:57	09/01/23 17:55	10
Pyrene	**6.0**	**J**	50	3.4	ug/L		08/21/23 08:57	09/01/23 17:55	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	*90*		*48 - 120*	*08/21/23 08:57*	*09/01/23 17:55*	*10*
Nitrobenzene-d5 (Surr)	*70*		*46 - 120*	*08/21/23 08:57*	*09/01/23 17:55*	*10*
p-Terphenyl-d14 (Surr)	*52*	*S1-*	*60 - 148*	*08/21/23 08:57*	*09/01/23 17:55*	*10*

Client Sample ID: MW-1804

Date Collected: 08/15/23 12:04
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-24
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			08/19/23 00:02	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/19/23 00:02	1
Toluene	ND		1.0	0.51	ug/L			08/19/23 00:02	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/19/23 00:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*		*08/19/23 00:02*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*08/19/23 00:02*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 123*		*08/19/23 00:02*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*08/19/23 00:02*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND	*3 *+	5.0	0.73	ug/L		08/21/23 08:57	08/22/23 23:37	1

Client: New York State Electric & Gas
Project/Site: NYSEG - Dansville MGP

Job ID: 480-211970-1

Client Sample ID: MW-1804
Date Collected: 08/15/23 12:04
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-24
Matrix: Water

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	ND	*3 *+	5.0	0.60	ug/L		08/21/23 08:57	08/22/23 23:37	1
Acenaphthene	ND	*3	5.0	0.41	ug/L		08/21/23 08:57	08/22/23 23:37	1
Acenaphthylene	ND	*3	5.0	0.38	ug/L		08/21/23 08:57	08/22/23 23:37	1
Anthracene	ND	*3 *+	5.0	0.28	ug/L		08/21/23 08:57	08/22/23 23:37	1
Benzo[a]anthracene	ND	*3	5.0	0.36	ug/L		08/21/23 08:57	08/22/23 23:37	1
Benzo[a]pyrene	ND	*3	5.0	0.47	ug/L		08/21/23 08:57	08/22/23 23:37	1
Benzo[b]fluoranthene	ND	*3	5.0	0.34	ug/L		08/21/23 08:57	08/22/23 23:37	1
Benzo[g,h,i]perylene	ND	*3	5.0	0.35	ug/L		08/21/23 08:57	08/22/23 23:37	1
Benzo[k]fluoranthene	ND	*3	5.0	0.73	ug/L		08/21/23 08:57	08/22/23 23:37	1
Chrysene	ND	*3	5.0	0.33	ug/L		08/21/23 08:57	08/22/23 23:37	1
Dibenz(a,h)anthracene	ND	*3	5.0	0.42	ug/L		08/21/23 08:57	08/22/23 23:37	1
Fluoranthene	ND	*3 *+	5.0	0.40	ug/L		08/21/23 08:57	08/22/23 23:37	1
Fluorene	ND	*3	5.0	0.36	ug/L		08/21/23 08:57	08/22/23 23:37	1
Indeno[1,2,3-cd]pyrene	ND	*3	5.0	0.47	ug/L		08/21/23 08:57	08/22/23 23:37	1
Naphthalene	ND	*3 *+	5.0	0.76	ug/L		08/21/23 08:57	08/22/23 23:37	1
Phenanthrene	ND	*3 *+	5.0	0.44	ug/L		08/21/23 08:57	08/22/23 23:37	1
Pyrene	ND	*3	5.0	0.34	ug/L		08/21/23 08:57	08/22/23 23:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*121*	**3 S1+*	*48 - 120*	*08/21/23 08:57*	*08/22/23 23:37*	*1*
Nitrobenzene-d5 (Surr)	*177*	**3 S1+*	*46 - 120*	*08/21/23 08:57*	*08/22/23 23:37*	*1*
p-Terphenyl-d14 (Surr)	*65*	**3*	*60 - 148*	*08/21/23 08:57*	*08/22/23 23:37*	*1*

Surrogate Summary

Client: New York State Electric & Gas
Project/Site: NYSEG - Dansville MGP

Job ID: 480-211970-1

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)
480-211970-1	MW-1805	108	108	109	87
480-211970-1 MS	MW-1805 MS	104	104	105	90
480-211970-1 MSD	MW-1805 MSD	105	103	105	89
480-211970-2	MW-1810	101	97	104	94
480-211970-2 MS	MW-1810 MS	103	98	106	99
480-211970-2 MSD	MW-1810 MSD	98	99	97	101
480-211970-3	DUP-01-20230815	101	113	107	88
480-211970-4	DUP-02-20230815	108	111	109	99
480-211970-5	PZ-29	107	113	109	100
480-211970-6	PZ-32	104	114	111	100
480-211970-7	PZ-14	107	114	110	101
480-211970-8	PZ-31	105	113	111	100
480-211970-9	PZ-24	105	113	110	99
480-211970-10	MW-1807	105	115	109	91
480-211970-11	PZ-36	104	113	109	90
480-211970-12	MW-1809	103	115	111	90
480-211970-13	PZ-13	104	116	112	90
480-211970-14	PZ-17	104	114	111	91
480-211970-15	PZ-19	104	114	110	89
480-211970-16	MW-1801	106	108	109	90
480-211970-17	MW-045	112	111	113	90
480-211970-18	MW-1808	104	102	101	86
480-211970-19	MW-1802	103	110	107	89
480-211970-19 MS	MW-1802	102	105	105	89
480-211970-19 MSD	MW-1802	98	110	105	90
480-211970-20	PZ-18	102	114	110	90
480-211970-21	MW-1806	101	111	108	91
480-211970-22	TRIP BLANK	102	98	105	95
480-211970-23	MW-1803	101	99	102	96
480-211970-24	MW-1804	97	100	99	96
LCS 480-680530/6	Lab Control Sample	105	111	110	102
LCS 480-680578/6	Lab Control Sample	100	99	102	98
LCS 480-680713/6	Lab Control Sample	101	110	104	90
LCS 480-680821/6	Lab Control Sample	96	112	104	93
MB 480-680530/8	Method Blank	106	113	110	101
MB 480-680578/8	Method Blank	100	97	103	95
MB 480-680713/8	Method Blank	102	110	106	88
MB 480-680821/8	Method Blank	102	116	111	91

Surrogate Legend

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

Surrogate Summary

Client: New York State Electric & Gas
Project/Site: NYSEG - Dansville MGP

Job ID: 480-211970-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	FBP (48-120)	NBZ (46-120)	TPHd14 (60-148)
480-211970-1	MW-1805	84	80	65
480-211970-1 - DL	MW-1805	75	79	52 S1-
480-211970-1 MS	MW-1805 MS	84	91	51 S1-
480-211970-1 MS - DL	MW-1805 MS	72	94	42 S1-
480-211970-1 MSD	MW-1805 MSD	93	95	56 S1-
480-211970-1 MSD - DL	MW-1805 MSD	78	98	47 S1-
480-211970-2	MW-1810	114 *3	171 *3 S1+	62 *3
480-211970-2 MS	MW-1810 MS	106 *3	166 *3 S1+	48 S1- *3
480-211970-2 MSD	MW-1810 MSD	95 *3	144 *3 S1+	45 S1- *3
480-211970-3	DUP-01-20230815	85	76	59 S1-
480-211970-4	DUP-02-20230815	95	85	70
480-211970-4 - DL	DUP-02-20230815	82	88	56 S1-
480-211970-5	PZ-29	101	92	64
480-211970-6	PZ-32	94	83	63
480-211970-7	PZ-14	97	85	63
480-211970-8	PZ-31	97	85	59 S1-
480-211970-9	PZ-24	100	88	64
480-211970-10	MW-1807	97	89	72
480-211970-11	PZ-36	93	83	62
480-211970-12	MW-1809	94	86	69
480-211970-13	PZ-13	101	91	65
480-211970-14	PZ-17	97	85	60
480-211970-15	PZ-19	102	92	63
480-211970-16	MW-1801	92	85	51 S1-
480-211970-16 - DL	MW-1801	78	83	39 S1-
480-211970-17	MW-045	89	81	56 S1-
480-211970-17 - DL	MW-045	75	82	45 S1-
480-211970-18	MW-1808	96	89	55 S1-
480-211970-18 - DL	MW-1808	78	79	41 S1-
480-211970-19	MW-1802	90	108	43 S1-
480-211970-19 - DL	MW-1802	62	129 S1+	31 S1-
480-211970-20	PZ-18	91	82	57 S1-
480-211970-21	MW-1806	88	77	48 S1-
480-211970-23	MW-1803	90	70	52 S1-
480-211970-24	MW-1804	121 *3 S1+	177 *3 S1+	65 *3
LCS 480-680599/2-A	Lab Control Sample	100	94	94
LCS 480-680704/2-A	Lab Control Sample	105 *3	157 *3 S1+	93 *3
MB 480-680599/1-A	Method Blank	94	84	86
MB 480-680704/1-A	Method Blank	100 *3	142 *3 S1+	93 *3

Surrogate Legend

FBP = 2-Fluorobiphenyl
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

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

Lab Sample ID: MB 480-680530/8
Matrix: Water
Analysis Batch: 680530

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			08/18/23 12:46	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/18/23 12:46	1
Toluene	ND		1.0	0.51	ug/L			08/18/23 12:46	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/18/23 12:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*		*08/18/23 12:46*	*1*
4-Bromofluorobenzene (Surr)	*113*		*73 - 120*		*08/18/23 12:46*	*1*
Dibromofluoromethane (Surr)	*110*		*75 - 123*		*08/18/23 12:46*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/18/23 12:46*	*1*

Lab Sample ID: LCS 480-680530/6
Matrix: Water
Analysis Batch: 680530

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	25.0	21.9		ug/L		87	71 - 124
Ethylbenzene	25.0	22.6		ug/L		90	77 - 123
Toluene	25.0	22.3		ug/L		89	80 - 122
Xylenes, Total	50.0	47.0		ug/L		94	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*
4-Bromofluorobenzene (Surr)	*111*		*73 - 120*
Dibromofluoromethane (Surr)	*110*		*75 - 123*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: MB 480-680578/8
Matrix: Water
Analysis Batch: 680578

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			08/18/23 21:51	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/18/23 21:51	1
Toluene	ND		1.0	0.51	ug/L			08/18/23 21:51	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/18/23 21:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*08/18/23 21:51*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*08/18/23 21:51*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 123*		*08/18/23 21:51*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*08/18/23 21:51*	*1*

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

Lab Sample ID: LCS 480-680578/6
Matrix: Water
Analysis Batch: 680578

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			25.0	25.7		ug/L		103	71 - 124		
Ethylbenzene			25.0	23.5		ug/L		94	77 - 123		
Toluene			25.0	22.9		ug/L		92	80 - 122		
Xylenes, Total			50.0	46.8		ug/L		94	76 - 122		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*
Dibromofluoromethane (Surr)	*102*		*75 - 123*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: 480-211970-2 MS
Matrix: Water
Analysis Batch: 680578

Client Sample ID: MW-1810 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	ND		25.0	30.2		ug/L		121	71 - 124		
Ethylbenzene	ND		25.0	27.0		ug/L		108	77 - 123		
Toluene	ND		25.0	27.0		ug/L		108	80 - 122		
Xylenes, Total	ND		50.0	54.8		ug/L		110	76 - 122		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*
Dibromofluoromethane (Surr)	*106*		*75 - 123*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: 480-211970-2 MSD
Matrix: Water
Analysis Batch: 680578

Client Sample ID: MW-1810 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		25.0	27.4		ug/L		110	71 - 124	10	13
Ethylbenzene	ND		25.0	26.3		ug/L		105	77 - 123	3	15
Toluene	ND		25.0	26.4		ug/L		105	80 - 122	2	15
Xylenes, Total	ND		50.0	53.3		ug/L		107	76 - 122	3	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*
Dibromofluoromethane (Surr)	*97*		*75 - 123*
Toluene-d8 (Surr)	*101*		*80 - 120*

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

Lab Sample ID: MB 480-680713/8
Matrix: Water
Analysis Batch: 680713

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			08/21/23 12:57	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/21/23 12:57	1
Toluene	ND		1.0	0.51	ug/L			08/21/23 12:57	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/21/23 12:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*08/21/23 12:57*	*1*
4-Bromofluorobenzene (Surr)	*110*		*73 - 120*		*08/21/23 12:57*	*1*
Dibromofluoromethane (Surr)	*106*		*75 - 123*		*08/21/23 12:57*	*1*
Toluene-d8 (Surr)	*88*		*80 - 120*		*08/21/23 12:57*	*1*

Lab Sample ID: LCS 480-680713/6
Matrix: Water
Analysis Batch: 680713

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	25.0	21.0		ug/L		84	71 - 124
Ethylbenzene	25.0	20.4		ug/L		82	77 - 123
Toluene	25.0	20.2		ug/L		81	80 - 122
Xylenes, Total	50.0	42.6		ug/L		85	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*
4-Bromofluorobenzene (Surr)	*110*		*73 - 120*
Dibromofluoromethane (Surr)	*104*		*75 - 123*
Toluene-d8 (Surr)	*90*		*80 - 120*

Lab Sample ID: 480-211970-1 MS
Matrix: Water
Analysis Batch: 680713

Client Sample ID: MW-1805 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	51		125	154		ug/L		82	71 - 124
Ethylbenzene	100		125	202		ug/L		78	77 - 123
Toluene	4.6	J	125	109		ug/L		83	80 - 122
Xylenes, Total	58		250	268		ug/L		84	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*
Dibromofluoromethane (Surr)	*105*		*75 - 123*
Toluene-d8 (Surr)	*90*		*80 - 120*

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

Lab Sample ID: 480-211970-1 MSD
Matrix: Water
Analysis Batch: 680713

Client Sample ID: MW-1805 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	51		125	161		ug/L		88	71 - 124	4	13
Ethylbenzene	100		125	211		ug/L		85	77 - 123	4	15
Toluene	4.6	J	125	110		ug/L		84	80 - 122	1	15
Xylenes, Total	58		250	275		ug/L		87	76 - 122	3	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*
Dibromofluoromethane (Surr)	*105*		*75 - 123*
Toluene-d8 (Surr)	*89*		*80 - 120*

Lab Sample ID: MB 480-680821/8
Matrix: Water
Analysis Batch: 680821

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			08/22/23 11:25	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/22/23 11:25	1
Toluene	ND		1.0	0.51	ug/L			08/22/23 11:25	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/22/23 11:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*08/22/23 11:25*	*1*
4-Bromofluorobenzene (Surr)	*116*		*73 - 120*		*08/22/23 11:25*	*1*
Dibromofluoromethane (Surr)	*111*		*75 - 123*		*08/22/23 11:25*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*08/22/23 11:25*	*1*

Lab Sample ID: LCS 480-680821/6
Matrix: Water
Analysis Batch: 680821

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	25.0	21.4		ug/L		86	71 - 124
Ethylbenzene	25.0	21.6		ug/L		86	77 - 123
Toluene	25.0	21.4		ug/L		86	80 - 122
Xylenes, Total	50.0	45.0		ug/L		90	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*
4-Bromofluorobenzene (Surr)	*112*		*73 - 120*
Dibromofluoromethane (Surr)	*104*		*75 - 123*
Toluene-d8 (Surr)	*93*		*80 - 120*

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

Lab Sample ID: 480-211970-19 MS
Matrix: Water
Analysis Batch: 680821

Client Sample ID: MW-1802
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		250	221		ug/L		88	71 - 124
Ethylbenzene	210	F1	250	397	F1	ug/L		76	77 - 123
Toluene	ND		250	216		ug/L		86	80 - 122
Xylenes, Total	120		500	545		ug/L		86	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*
Dibromofluoromethane (Surr)	*105*		*75 - 123*
Toluene-d8 (Surr)	*89*		*80 - 120*

Lab Sample ID: 480-211970-19 MSD
Matrix: Water
Analysis Batch: 680821

Client Sample ID: MW-1802
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		250	213		ug/L		85	71 - 124	3	13
Ethylbenzene	210	F1	250	388	F1	ug/L		72	77 - 123	2	15
Toluene	ND		250	215		ug/L		86	80 - 122	0	15
Xylenes, Total	120		500	547		ug/L		86	76 - 122	0	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*
4-Bromofluorobenzene (Surr)	*110*		*73 - 120*
Dibromofluoromethane (Surr)	*105*		*75 - 123*
Toluene-d8 (Surr)	*90*		*80 - 120*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-680599/1-A
Matrix: Water
Analysis Batch: 680677

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 680599

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/21/23 15:51	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/18/23 15:02	08/21/23 15:51	1
Acenaphthene	ND		5.0	0.41	ug/L		08/18/23 15:02	08/21/23 15:51	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/18/23 15:02	08/21/23 15:51	1
Anthracene	ND		5.0	0.28	ug/L		08/18/23 15:02	08/21/23 15:51	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/18/23 15:02	08/21/23 15:51	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 15:51	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/21/23 15:51	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/18/23 15:02	08/21/23 15:51	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/21/23 15:51	1
Chrysene	ND		5.0	0.33	ug/L		08/18/23 15:02	08/21/23 15:51	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/18/23 15:02	08/21/23 15:51	1
Fluoranthene	ND		5.0	0.40	ug/L		08/18/23 15:02	08/21/23 15:51	1
Fluorene	ND		5.0	0.36	ug/L		08/18/23 15:02	08/21/23 15:51	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-680599/1-A
Matrix: Water
Analysis Batch: 680677

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 680599

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 15:51	1
Naphthalene	ND		5.0	0.76	ug/L		08/18/23 15:02	08/21/23 15:51	1
Phenanthrene	ND		5.0	0.44	ug/L		08/18/23 15:02	08/21/23 15:51	1
Pyrene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/21/23 15:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*94*		*48 - 120*	*08/18/23 15:02*	*08/21/23 15:51*	*1*
Nitrobenzene-d5 (Surr)	*84*		*46 - 120*	*08/18/23 15:02*	*08/21/23 15:51*	*1*
p-Terphenyl-d14 (Surr)	*86*		*60 - 148*	*08/18/23 15:02*	*08/21/23 15:51*	*1*

Lab Sample ID: LCS 480-680599/2-A
Matrix: Water
Analysis Batch: 680677

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 680599

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	32.0	29.5		ug/L		92	60 - 120
2-Methylnaphthalene	32.0	29.2		ug/L		91	59 - 120
Acenaphthene	32.0	30.4		ug/L		95	60 - 120
Acenaphthylene	32.0	31.5		ug/L		98	63 - 120
Anthracene	32.0	32.0		ug/L		100	67 - 120
Benzo[a]anthracene	32.0	32.4		ug/L		101	70 - 121
Benzo[a]pyrene	32.0	31.8		ug/L		99	60 - 123
Benzo[b]fluoranthene	32.0	32.2		ug/L		101	66 - 126
Benzo[g,h,i]perylene	32.0	34.1		ug/L		106	66 - 150
Benzo[k]fluoranthene	32.0	31.7		ug/L		99	65 - 124
Chrysene	32.0	32.1		ug/L		100	69 - 120
Dibenz(a,h)anthracene	32.0	34.9		ug/L		109	65 - 135
Fluoranthene	32.0	32.3		ug/L		101	69 - 126
Fluorene	32.0	31.1		ug/L		97	66 - 120
Indeno[1,2,3-cd]pyrene	32.0	32.7		ug/L		102	69 - 146
Naphthalene	32.0	29.0		ug/L		91	57 - 120
Phenanthrene	32.0	31.6		ug/L		99	68 - 120
Pyrene	32.0	33.6		ug/L		105	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*100*		*48 - 120*
Nitrobenzene-d5 (Surr)	*94*		*46 - 120*
p-Terphenyl-d14 (Surr)	*94*		*60 - 148*

Lab Sample ID: 480-211970-1 MS
Matrix: Water
Analysis Batch: 680677

Client Sample ID: MW-1805 MS
Prep Type: Total/NA
Prep Batch: 680599

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	180	E	32.0	190	E 4	ug/L		24	42 - 127
2-Methylnaphthalene	30		32.0	51.4		ug/L		68	34 - 140
Acenaphthene	120	E F1	32.0	129	E F1	ug/L		39	48 - 120
Acenaphthylene	6.2		32.0	32.5		ug/L		82	63 - 120

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-211970-1 MS
Matrix: Water
Analysis Batch: 680677

Client Sample ID: MW-1805 MS
Prep Type: Total/NA
Prep Batch: 680599

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Anthracene	11		32.0	36.9		ug/L		82	65 - 122
Benzo[a]anthracene	ND		32.0	20.4		ug/L		64	43 - 124
Benzo[a]pyrene	ND		32.0	17.6		ug/L		55	23 - 125
Benzo[b]fluoranthene	ND		32.0	17.1		ug/L		54	27 - 127
Benzo[g,h,i]perylene	ND		32.0	17.1		ug/L		53	16 - 147
Benzo[k]fluoranthene	ND		32.0	17.3		ug/L		54	20 - 124
Chrysene	ND		32.0	19.6		ug/L		61	44 - 122
Dibenz(a,h)anthracene	ND		32.0	18.4		ug/L		57	16 - 139
Fluoranthene	3.5	J	32.0	28.7		ug/L		79	63 - 129
Fluorene	44		32.0	65.9	E	ug/L		69	62 - 120
Indeno[1,2,3-cd]pyrene	ND		32.0	16.7		ug/L		52	16 - 140
Naphthalene	130	E F1	32.0	120	E F1	ug/L		-22	45 - 120
Phenanthrene	55	F1	32.0	74.1	E F1	ug/L		60	65 - 122
Pyrene	4.0	J	32.0	29.7		ug/L		80	58 - 128

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*84*		*48 - 120*
Nitrobenzene-d5 (Surr)	*91*		*46 - 120*
p-Terphenyl-d14 (Surr)	*51*	*S1-*	*60 - 148*

Lab Sample ID: 480-211970-1 MSD
Matrix: Water
Analysis Batch: 680677

Client Sample ID: MW-1805 MSD
Prep Type: Total/NA
Prep Batch: 680599

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	180	E	32.0	208	E 4	ug/L		79	42 - 127	9	30
2-Methylnaphthalene	30		32.0	57.5		ug/L		87	34 - 140	11	21
Acenaphthene	120	E F1	32.0	140	E	ug/L		71	48 - 120	8	24
Acenaphthylene	6.2		32.0	35.9		ug/L		93	63 - 120	10	18
Anthracene	11		32.0	37.9		ug/L		85	65 - 122	3	15
Benzo[a]anthracene	ND		32.0	23.2		ug/L		73	43 - 124	13	15
Benzo[a]pyrene	ND		32.0	20.3		ug/L		63	23 - 125	14	15
Benzo[b]fluoranthene	ND		32.0	19.9		ug/L		62	27 - 127	15	15
Benzo[g,h,i]perylene	ND		32.0	19.6		ug/L		61	16 - 147	14	15
Benzo[k]fluoranthene	ND		32.0	19.8		ug/L		62	20 - 124	13	22
Chrysene	ND		32.0	22.4		ug/L		70	44 - 122	13	15
Dibenz(a,h)anthracene	ND		32.0	20.7		ug/L		65	16 - 139	12	15
Fluoranthene	3.5	J	32.0	30.4		ug/L		84	63 - 129	6	15
Fluorene	44		32.0	68.7	E	ug/L		77	62 - 120	4	15
Indeno[1,2,3-cd]pyrene	ND		32.0	19.5		ug/L		61	16 - 140	15	15
Naphthalene	130	E F1	32.0	156	E	ug/L		90	45 - 120	26	29
Phenanthrene	55	F1	32.0	78.4	E	ug/L		73	65 - 122	6	15
Pyrene	4.0	J	32.0	32.4		ug/L		89	58 - 128	9	19

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*93*		*48 - 120*
Nitrobenzene-d5 (Surr)	*95*		*46 - 120*
p-Terphenyl-d14 (Surr)	*56*	*S1-*	*60 - 148*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-680704/1-A
Matrix: Water
Analysis Batch: 680873

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 680704

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND	*3	5.0	0.73	ug/L		08/21/23 08:57	08/22/23 20:54	1
2-Methylnaphthalene	ND	*3	5.0	0.60	ug/L		08/21/23 08:57	08/22/23 20:54	1
Acenaphthene	ND	*3	5.0	0.41	ug/L		08/21/23 08:57	08/22/23 20:54	1
Acenaphthylene	ND	*3	5.0	0.38	ug/L		08/21/23 08:57	08/22/23 20:54	1
Anthracene	ND	*3	5.0	0.28	ug/L		08/21/23 08:57	08/22/23 20:54	1
Benzo[a]anthracene	ND	*3	5.0	0.36	ug/L		08/21/23 08:57	08/22/23 20:54	1
Benzo[a]pyrene	ND	*3	5.0	0.47	ug/L		08/21/23 08:57	08/22/23 20:54	1
Benzo[b]fluoranthene	ND	*3	5.0	0.34	ug/L		08/21/23 08:57	08/22/23 20:54	1
Benzo[g,h,i]perylene	ND	*3	5.0	0.35	ug/L		08/21/23 08:57	08/22/23 20:54	1
Benzo[k]fluoranthene	ND	*3	5.0	0.73	ug/L		08/21/23 08:57	08/22/23 20:54	1
Chrysene	ND	*3	5.0	0.33	ug/L		08/21/23 08:57	08/22/23 20:54	1
Dibenz(a,h)anthracene	ND	*3	5.0	0.42	ug/L		08/21/23 08:57	08/22/23 20:54	1
Fluoranthene	ND	*3	5.0	0.40	ug/L		08/21/23 08:57	08/22/23 20:54	1
Fluorene	ND	*3	5.0	0.36	ug/L		08/21/23 08:57	08/22/23 20:54	1
Indeno[1,2,3-cd]pyrene	ND	*3	5.0	0.47	ug/L		08/21/23 08:57	08/22/23 20:54	1
Naphthalene	ND	*3	5.0	0.76	ug/L		08/21/23 08:57	08/22/23 20:54	1
Phenanthrene	ND	*3	5.0	0.44	ug/L		08/21/23 08:57	08/22/23 20:54	1
Pyrene	ND	*3	5.0	0.34	ug/L		08/21/23 08:57	08/22/23 20:54	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*100*	**3*	*48 - 120*	*08/21/23 08:57*	*08/22/23 20:54*	*1*
Nitrobenzene-d5 (Surr)	*142*	**3 S1+*	*46 - 120*	*08/21/23 08:57*	*08/22/23 20:54*	*1*
p-Terphenyl-d14 (Surr)	*93*	**3*	*60 - 148*	*08/21/23 08:57*	*08/22/23 20:54*	*1*

Lab Sample ID: LCS 480-680704/2-A
Matrix: Water
Analysis Batch: 680873

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 680704

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	32.0	45.0	*3 *+	ug/L		141	60 - 120
2-Methylnaphthalene	32.0	44.5	*3 *+	ug/L		139	59 - 120
Acenaphthene	32.0	33.5	*3	ug/L		105	60 - 120
Acenaphthylene	32.0	35.2	*3	ug/L		110	63 - 120
Anthracene	32.0	48.4	*3 *+	ug/L		151	67 - 120
Benzo[a]anthracene	32.0	37.3	*3	ug/L		117	70 - 121
Benzo[a]pyrene	32.0	30.8	*3	ug/L		96	60 - 123
Benzo[b]fluoranthene	32.0	32.7	*3	ug/L		102	66 - 126
Benzo[g,h,i]perylene	32.0	29.8	*3	ug/L		93	66 - 150
Benzo[k]fluoranthene	32.0	31.6	*3	ug/L		99	65 - 124
Chrysene	32.0	36.2	*3	ug/L		113	69 - 120
Dibenz(a,h)anthracene	32.0	29.9	*3	ug/L		93	65 - 135
Fluoranthene	32.0	50.1	*3 *+	ug/L		157	69 - 126
Fluorene	32.0	35.0	*3	ug/L		109	66 - 120
Indeno[1,2,3-cd]pyrene	32.0	27.3	*3	ug/L		85	69 - 146
Naphthalene	32.0	44.5	*3 *+	ug/L		139	57 - 120
Phenanthrene	32.0	47.4	*3 *+	ug/L		148	68 - 120
Pyrene	32.0	37.6	*3	ug/L		117	70 - 125

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-680704/2-A
Matrix: Water
Analysis Batch: 680873

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 680704

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl	105	*3	48 - 120
Nitrobenzene-d5 (Surr)	157	*3 S1+	46 - 120
p-Terphenyl-d14 (Surr)	93	*3	60 - 148

Lab Sample ID: 480-211970-2 MS
Matrix: Water
Analysis Batch: 680873

Client Sample ID: MW-1810 MS
Prep Type: Total/NA
Prep Batch: 680704

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	ND	*3 F1 *+	32.0	46.7	*3 F1	ug/L		146	42 - 127
2-Methylnaphthalene	ND	*3 F1 *+	32.0	46.3	*3 F1	ug/L		145	34 - 140
Acenaphthene	ND	*3	32.0	33.7	*3	ug/L		105	48 - 120
Acenaphthylene	ND	*3	32.0	35.8	*3	ug/L		112	63 - 120
Anthracene	ND	F1 *3 *+	32.0	46.4	*3 F1	ug/L		145	65 - 122
Benzo[a]anthracene	ND	*3	32.0	25.0	*3	ug/L		78	43 - 124
Benzo[a]pyrene	ND	F2 *3	32.0	17.8	*3	ug/L		56	23 - 125
Benzo[b]fluoranthene	ND	F2 *3	32.0	17.2	*3	ug/L		54	27 - 127
Benzo[g,h,i]perylene	ND	F2 *3	32.0	16.1	*3	ug/L		50	16 - 147
Benzo[k]fluoranthene	ND	F2 *3	32.0	18.3	*3	ug/L		57	20 - 124
Chrysene	ND	F2 *3	32.0	25.1	*3	ug/L		78	44 - 122
Dibenz(a,h)anthracene	ND	F2 *3	32.0	17.1	*3	ug/L		54	16 - 139
Fluoranthene	ND	*3 F1 *+	32.0	44.2	*3 F1	ug/L		138	63 - 129
Fluorene	ND	*3	32.0	35.2	*3	ug/L		110	62 - 120
Indeno[1,2,3-cd]pyrene	ND	F2 *3	32.0	15.5	*3	ug/L		49	16 - 140
Naphthalene	ND	F1 *3 *+	32.0	47.3	*3 F1	ug/L		148	45 - 120
Phenanthrene	ND	F1 *3 *+	32.0	45.8	*3 F1	ug/L		143	65 - 122
Pyrene	ND	*3	32.0	33.8	*3	ug/L		106	58 - 128

Surrogate	MS %Recovery	MS Qualifier	Limits
2-Fluorobiphenyl	106	*3	48 - 120
Nitrobenzene-d5 (Surr)	166	*3 S1+	46 - 120
p-Terphenyl-d14 (Surr)	48	S1- *3	60 - 148

Lab Sample ID: 480-211970-2 MSD
Matrix: Water
Analysis Batch: 680873

Client Sample ID: MW-1810 MSD
Prep Type: Total/NA
Prep Batch: 680704

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	ND	*3 F1 *+	32.0	40.5	*3	ug/L		126	42 - 127	14	30
2-Methylnaphthalene	ND	*3 F1 *+	32.0	40.9	*3	ug/L		128	34 - 140	12	21
Acenaphthene	ND	*3	32.0	30.6	*3	ug/L		96	48 - 120	10	24
Acenaphthylene	ND	*3	32.0	32.6	*3	ug/L		102	63 - 120	9	18
Anthracene	ND	F1 *3 *+	32.0	42.3	*3 F1	ug/L		132	65 - 122	9	15
Benzo[a]anthracene	ND	*3	32.0	21.5	*3	ug/L		67	43 - 124	15	15
Benzo[a]pyrene	ND	F2 *3	32.0	14.1	*3 F2	ug/L		44	23 - 125	23	15
Benzo[b]fluoranthene	ND	F2 *3	32.0	13.6	*3 F2	ug/L		43	27 - 127	23	15
Benzo[g,h,i]perylene	ND	F2 *3	32.0	12.2	*3 F2	ug/L		38	16 - 147	27	15
Benzo[k]fluoranthene	ND	F2 *3	32.0	14.0	*3 F2	ug/L		44	20 - 124	26	22

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-211970-2 MSD
Matrix: Water
Analysis Batch: 680873

Client Sample ID: MW-1810 MSD
Prep Type: Total/NA
Prep Batch: 680704

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chrysene	ND	F2 *3	32.0	19.8	*3 F2	ug/L		62	44 - 122	23	15
Dibenz(a,h)anthracene	ND	F2 *3	32.0	13.0	*3 F2	ug/L		41	16 - 139	27	15
Fluoranthene	ND	*3 F1 *+	32.0	39.2	*3	ug/L		122	63 - 129	12	15
Fluorene	ND	*3	32.0	31.7	*3	ug/L		99	62 - 120	11	15
Indeno[1,2,3-cd]pyrene	ND	F2 *3	32.0	11.8	*3 F2	ug/L		37	16 - 140	27	15
Naphthalene	ND	F1 *3 *+	32.0	40.9	*3 F1	ug/L		128	45 - 120	15	29
Phenanthrene	ND	F1 *3 *+	32.0	41.9	*3 F1	ug/L		131	65 - 122	9	15
Pyrene	ND	*3	32.0	30.3	*3	ug/L		95	58 - 128	11	19

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*95*	**3*	*48 - 120*
Nitrobenzene-d5 (Surr)	*144*	**3 S1+*	*46 - 120*
p-Terphenyl-d14 (Surr)	*45*	*S1- *3*	*60 - 148*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Lab Sample ID: 480-211970-1 MS
Matrix: Water
Analysis Batch: 680873

Client Sample ID: MW-1805 MS
Prep Type: Total/NA
Prep Batch: 680599

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene - DL	220		32.0	233	4	ug/L		56	42 - 127
2-Methylnaphthalene - DL	26	J	32.0	48.9	J	ug/L		71	34 - 140
Acenaphthene - DL	130		32.0	146	4	ug/L		43	48 - 120
Acenaphthylene - DL	6.2	J	32.0	31.8	J	ug/L		80	63 - 120
Anthracene - DL	15	J	32.0	37.5	J	ug/L		70	65 - 122
Benzo[a]anthracene - DL	ND		32.0	18.8	J	ug/L		59	43 - 124
Benzo[a]pyrene - DL	ND		32.0	15.9	J	ug/L		50	23 - 125
Benzo[b]fluoranthene - DL	ND		32.0	18.3	J	ug/L		57	27 - 127
Benzo[g,h,i]perylene - DL	ND		32.0	14.4	J	ug/L		45	16 - 147
Benzo[k]fluoranthene - DL	ND		32.0	16.9	J	ug/L		53	20 - 124
Chrysene - DL	ND		32.0	18.3	J	ug/L		57	44 - 122
Dibenz(a,h)anthracene - DL	ND		32.0	14.6	J	ug/L		46	16 - 139
Fluoranthene - DL	ND		32.0	27.0	J	ug/L		84	63 - 129
Fluorene - DL	48	J	32.0	70.5		ug/L		69	62 - 120
Indeno[1,2,3-cd]pyrene - DL	ND		32.0	13.3	J	ug/L		42	16 - 140
Naphthalene - DL	150	F2	32.0	141	4	ug/L		-36	45 - 120
Phenanthrene - DL	54		32.0	81.3		ug/L		84	65 - 122
Pyrene - DL	4.1	J	32.0	28.8	J	ug/L		77	58 - 128

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl - DL	*72*		*48 - 120*
Nitrobenzene-d5 (Surr) - DL	*94*		*46 - 120*
p-Terphenyl-d14 (Surr) - DL	*42*	*S1-*	*60 - 148*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL (Continued)

Lab Sample ID: 480-211970-1 MSD
Matrix: Water
Analysis Batch: 680873

Client Sample ID: MW-1805 MSD
Prep Type: Total/NA
Prep Batch: 680599

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene - DL	220		32.0	247	4	ug/L		101	42 - 127	6	30
2-Methylnaphthalene - DL	26	J	32.0	54.5		ug/L		88	34 - 140	11	21
Acenaphthene - DL	130		32.0	158	4	ug/L		81	48 - 120	8	24
Acenaphthylene - DL	6.2	J	32.0	34.9	J	ug/L		90	63 - 120	9	18
Anthracene - DL	15	J	32.0	39.5	J	ug/L		76	65 - 122	5	15
Benzo[a]anthracene - DL	ND		32.0	20.6	J	ug/L		64	43 - 124	10	15
Benzo[a]pyrene - DL	ND		32.0	17.6	J	ug/L		55	23 - 125	11	15
Benzo[b]fluoranthene - DL	ND		32.0	19.7	J	ug/L		61	27 - 127	7	15
Benzo[g,h,i]perylene - DL	ND		32.0	16.0	J	ug/L		50	16 - 147	10	15
Benzo[k]fluoranthene - DL	ND		32.0	19.2	J	ug/L		60	20 - 124	13	22
Chrysene - DL	ND		32.0	21.0	J	ug/L		66	44 - 122	14	15
Dibenz(a,h)anthracene - DL	ND		32.0	15.7	J	ug/L		49	16 - 139	7	15
Fluoranthene - DL	ND		32.0	29.4	J	ug/L		92	63 - 129	9	15
Fluorene - DL	48	J	32.0	75.7		ug/L		86	62 - 120	7	15
Indeno[1,2,3-cd]pyrene - DL	ND		32.0	15.2	J	ug/L		48	16 - 140	13	15
Naphthalene - DL	150	F2	32.0	193	4 F2	ug/L		126	45 - 120	31	29
Phenanthrene - DL	54		32.0	85.4		ug/L		97	65 - 122	5	15
Pyrene - DL	4.1	J	32.0	31.6	J	ug/L		86	58 - 128	9	19

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl - DL	*78*		*48 - 120*
Nitrobenzene-d5 (Surr) - DL	*98*		*46 - 120*
p-Terphenyl-d14 (Surr) - DL	*47*	*S1-*	*60 - 148*

GC/MS VOA

Analysis Batch: 680530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-211970-4	DUP-02-20230815	Total/NA	Water	8260C	
480-211970-5	PZ-29	Total/NA	Water	8260C	
480-211970-6	PZ-32	Total/NA	Water	8260C	
480-211970-7	PZ-14	Total/NA	Water	8260C	
480-211970-8	PZ-31	Total/NA	Water	8260C	
480-211970-9	PZ-24	Total/NA	Water	8260C	
MB 480-680530/8	Method Blank	Total/NA	Water	8260C	
LCS 480-680530/6	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 680578

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-211970-2	MW-1810	Total/NA	Water	8260C	
480-211970-22	TRIP BLANK	Total/NA	Water	8260C	
480-211970-23	MW-1803	Total/NA	Water	8260C	
480-211970-24	MW-1804	Total/NA	Water	8260C	
MB 480-680578/8	Method Blank	Total/NA	Water	8260C	
LCS 480-680578/6	Lab Control Sample	Total/NA	Water	8260C	
480-211970-2 MS	MW-1810 MS	Total/NA	Water	8260C	
480-211970-2 MSD	MW-1810 MSD	Total/NA	Water	8260C	

Analysis Batch: 680713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-211970-1	MW-1805	Total/NA	Water	8260C	
480-211970-3	DUP-01-20230815	Total/NA	Water	8260C	
480-211970-10	MW-1807	Total/NA	Water	8260C	
480-211970-12	MW-1809	Total/NA	Water	8260C	
480-211970-13	PZ-13	Total/NA	Water	8260C	
480-211970-14	PZ-17	Total/NA	Water	8260C	
480-211970-15	PZ-19	Total/NA	Water	8260C	
480-211970-17	MW-045	Total/NA	Water	8260C	
480-211970-18	MW-1808	Total/NA	Water	8260C	
480-211970-20	PZ-18	Total/NA	Water	8260C	
MB 480-680713/8	Method Blank	Total/NA	Water	8260C	
LCS 480-680713/6	Lab Control Sample	Total/NA	Water	8260C	
480-211970-1 MS	MW-1805 MS	Total/NA	Water	8260C	
480-211970-1 MSD	MW-1805 MSD	Total/NA	Water	8260C	

Analysis Batch: 680821

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-211970-11	PZ-36	Total/NA	Water	8260C	
480-211970-16	MW-1801	Total/NA	Water	8260C	
480-211970-19	MW-1802	Total/NA	Water	8260C	
480-211970-21	MW-1806	Total/NA	Water	8260C	
MB 480-680821/8	Method Blank	Total/NA	Water	8260C	
LCS 480-680821/6	Lab Control Sample	Total/NA	Water	8260C	
480-211970-19 MS	MW-1802	Total/NA	Water	8260C	
480-211970-19 MSD	MW-1802	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 680599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-211970-1 - DL	MW-1805	Total/NA	Water	3510C	
480-211970-1	MW-1805	Total/NA	Water	3510C	
480-211970-3	DUP-01-20230815	Total/NA	Water	3510C	
480-211970-4 - DL	DUP-02-20230815	Total/NA	Water	3510C	
480-211970-4	DUP-02-20230815	Total/NA	Water	3510C	
480-211970-5	PZ-29	Total/NA	Water	3510C	
480-211970-6	PZ-32	Total/NA	Water	3510C	
480-211970-7	PZ-14	Total/NA	Water	3510C	
480-211970-8	PZ-31	Total/NA	Water	3510C	
480-211970-9	PZ-24	Total/NA	Water	3510C	
480-211970-10	MW-1807	Total/NA	Water	3510C	
480-211970-11	PZ-36	Total/NA	Water	3510C	
480-211970-12	MW-1809	Total/NA	Water	3510C	
480-211970-13	PZ-13	Total/NA	Water	3510C	
480-211970-14	PZ-17	Total/NA	Water	3510C	
480-211970-15	PZ-19	Total/NA	Water	3510C	
480-211970-16 - DL	MW-1801	Total/NA	Water	3510C	
480-211970-16	MW-1801	Total/NA	Water	3510C	
480-211970-17 - DL	MW-045	Total/NA	Water	3510C	
480-211970-17	MW-045	Total/NA	Water	3510C	
480-211970-18 - DL	MW-1808	Total/NA	Water	3510C	
480-211970-18	MW-1808	Total/NA	Water	3510C	
480-211970-19 - DL	MW-1802	Total/NA	Water	3510C	
480-211970-19	MW-1802	Total/NA	Water	3510C	
480-211970-20	PZ-18	Total/NA	Water	3510C	
480-211970-21	MW-1806	Total/NA	Water	3510C	
MB 480-680599/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-680599/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-211970-1 MS - DL	MW-1805 MS	Total/NA	Water	3510C	
480-211970-1 MS	MW-1805 MS	Total/NA	Water	3510C	
480-211970-1 MSD - DL	MW-1805 MSD	Total/NA	Water	3510C	
480-211970-1 MSD	MW-1805 MSD	Total/NA	Water	3510C	

Analysis Batch: 680677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-211970-1	MW-1805	Total/NA	Water	8270D	680599
480-211970-3	DUP-01-20230815	Total/NA	Water	8270D	680599
480-211970-4	DUP-02-20230815	Total/NA	Water	8270D	680599
480-211970-5	PZ-29	Total/NA	Water	8270D	680599
480-211970-6	PZ-32	Total/NA	Water	8270D	680599
480-211970-7	PZ-14	Total/NA	Water	8270D	680599
480-211970-8	PZ-31	Total/NA	Water	8270D	680599
480-211970-9	PZ-24	Total/NA	Water	8270D	680599
480-211970-10	MW-1807	Total/NA	Water	8270D	680599
480-211970-11	PZ-36	Total/NA	Water	8270D	680599
480-211970-12	MW-1809	Total/NA	Water	8270D	680599
480-211970-13	PZ-13	Total/NA	Water	8270D	680599
480-211970-14	PZ-17	Total/NA	Water	8270D	680599
480-211970-15	PZ-19	Total/NA	Water	8270D	680599
480-211970-16	MW-1801	Total/NA	Water	8270D	680599
480-211970-17	MW-045	Total/NA	Water	8270D	680599

GC/MS Semi VOA (Continued)

Analysis Batch: 680677 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-211970-18	MW-1808	Total/NA	Water	8270D	680599
480-211970-19	MW-1802	Total/NA	Water	8270D	680599
480-211970-20	PZ-18	Total/NA	Water	8270D	680599
480-211970-21	MW-1806	Total/NA	Water	8270D	680599
MB 480-680599/1-A	Method Blank	Total/NA	Water	8270D	680599
LCS 480-680599/2-A	Lab Control Sample	Total/NA	Water	8270D	680599
480-211970-1 MS	MW-1805 MS	Total/NA	Water	8270D	680599
480-211970-1 MSD	MW-1805 MSD	Total/NA	Water	8270D	680599

Prep Batch: 680704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-211970-2	MW-1810	Total/NA	Water	3510C	
480-211970-23	MW-1803	Total/NA	Water	3510C	
480-211970-24	MW-1804	Total/NA	Water	3510C	
MB 480-680704/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-680704/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-211970-2 MS	MW-1810 MS	Total/NA	Water	3510C	
480-211970-2 MSD	MW-1810 MSD	Total/NA	Water	3510C	

Analysis Batch: 680873

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-211970-1 - DL	MW-1805	Total/NA	Water	8270D	680599
480-211970-2	MW-1810	Total/NA	Water	8270D	680704
480-211970-4 - DL	DUP-02-20230815	Total/NA	Water	8270D	680599
480-211970-16 - DL	MW-1801	Total/NA	Water	8270D	680599
480-211970-17 - DL	MW-045	Total/NA	Water	8270D	680599
480-211970-18 - DL	MW-1808	Total/NA	Water	8270D	680599
480-211970-24	MW-1804	Total/NA	Water	8270D	680704
MB 480-680704/1-A	Method Blank	Total/NA	Water	8270D	680704
LCS 480-680704/2-A	Lab Control Sample	Total/NA	Water	8270D	680704
480-211970-1 MS - DL	MW-1805 MS	Total/NA	Water	8270D	680599
480-211970-1 MSD - DL	MW-1805 MSD	Total/NA	Water	8270D	680599
480-211970-2 MS	MW-1810 MS	Total/NA	Water	8270D	680704
480-211970-2 MSD	MW-1810 MSD	Total/NA	Water	8270D	680704

Analysis Batch: 680996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-211970-19 - DL	MW-1802	Total/NA	Water	8270D	680599

Analysis Batch: 682122

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-211970-23	MW-1803	Total/NA	Water	8270D	680704

Lab Chronicle

Client: New York State Electric & Gas
Project/Site: NYSEG - Dansville MGP

Job ID: 480-211970-1

Client Sample ID: MW-1805
Date Collected: 08/15/23 14:45
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		5	680713	ZN	EET BUF	08/21/23 14:03
Total/NA	Prep	3510C	DL		680599	LSC	EET BUF	08/18/23 15:02
Total/NA	Analysis	8270D	DL	10	680873	JMM	EET BUF	08/22/23 18:11
Total/NA	Prep	3510C			680599	LSC	EET BUF	08/18/23 15:02
Total/NA	Analysis	8270D		1	680677	JMM	EET BUF	08/21/23 17:40

Client Sample ID: MW-1810
Date Collected: 08/15/23 14:05
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	680578	AXK	EET BUF	08/18/23 22:57
Total/NA	Prep	3510C			680704	JMP	EET BUF	08/21/23 08:57
Total/NA	Analysis	8270D		1	680873	JMM	EET BUF	08/22/23 22:43

Client Sample ID: DUP-01-20230815
Date Collected: 08/15/23 00:00
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	680713	ZN	EET BUF	08/21/23 14:25
Total/NA	Prep	3510C			680599	LSC	EET BUF	08/18/23 15:02
Total/NA	Analysis	8270D		1	680677	JMM	EET BUF	08/21/23 18:07

Client Sample ID: DUP-02-20230815
Date Collected: 08/15/23 00:00
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		10	680530	ZN	EET BUF	08/18/23 14:11
Total/NA	Prep	3510C	DL		680599	LSC	EET BUF	08/18/23 15:02
Total/NA	Analysis	8270D	DL	10	680873	JMM	EET BUF	08/22/23 18:39
Total/NA	Prep	3510C			680599	LSC	EET BUF	08/18/23 15:02
Total/NA	Analysis	8270D		1	680677	JMM	EET BUF	08/21/23 18:34

Client Sample ID: PZ-29
Date Collected: 08/16/23 08:05
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	680530	ZN	EET BUF	08/18/23 14:33
Total/NA	Prep	3510C			680599	LSC	EET BUF	08/18/23 15:02
Total/NA	Analysis	8270D		1	680677	JMM	EET BUF	08/21/23 19:01

Lab Chronicle

Client: New York State Electric & Gas
Project/Site: NYSEG - Dansville MGP

Job ID: 480-211970-1

Client Sample ID: PZ-32
Date Collected: 08/16/23 09:20
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	680530	ZN	EET BUF	08/18/23 14:55
Total/NA	Prep	3510C			680599	LSC	EET BUF	08/18/23 15:02
Total/NA	Analysis	8270D		1	680677	JMM	EET BUF	08/21/23 19:28

Client Sample ID: PZ-14
Date Collected: 08/16/23 09:35
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	680530	ZN	EET BUF	08/18/23 15:17
Total/NA	Prep	3510C			680599	LSC	EET BUF	08/18/23 15:02
Total/NA	Analysis	8270D		1	680677	JMM	EET BUF	08/21/23 19:55

Client Sample ID: PZ-31
Date Collected: 08/16/23 10:30
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	680530	ZN	EET BUF	08/18/23 15:38
Total/NA	Prep	3510C			680599	LSC	EET BUF	08/18/23 15:02
Total/NA	Analysis	8270D		1	680677	JMM	EET BUF	08/21/23 20:22

Client Sample ID: PZ-24
Date Collected: 08/16/23 11:45
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	680530	ZN	EET BUF	08/18/23 16:00
Total/NA	Prep	3510C			680599	LSC	EET BUF	08/18/23 15:02
Total/NA	Analysis	8270D		1	680677	JMM	EET BUF	08/21/23 20:49

Client Sample ID: MW-1807
Date Collected: 08/16/23 11:45
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		2	680713	ZN	EET BUF	08/21/23 14:47
Total/NA	Prep	3510C			680599	LSC	EET BUF	08/18/23 15:02
Total/NA	Analysis	8270D		1	680677	JMM	EET BUF	08/21/23 21:16

Client Sample ID: PZ-36
Date Collected: 08/16/23 13:45
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	680821	ZN	EET BUF	08/22/23 14:09

Client Sample ID: PZ-36
Lab Sample ID: 480-211970-11
Date Collected: 08/16/23 13:45
Matrix: Water
Date Received: 08/17/23 19:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			680599	LSC	EET BUF	08/18/23 15:02
Total/NA	Analysis	8270D		1	680677	JMM	EET BUF	08/21/23 21:43

Client Sample ID: MW-1809
Lab Sample ID: 480-211970-12
Date Collected: 08/16/23 13:00
Matrix: Water
Date Received: 08/17/23 19:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	680713	ZN	EET BUF	08/21/23 15:31
Total/NA	Prep	3510C			680599	LSC	EET BUF	08/18/23 15:02
Total/NA	Analysis	8270D		1	680677	JMM	EET BUF	08/21/23 22:10

Client Sample ID: PZ-13
Lab Sample ID: 480-211970-13
Date Collected: 08/16/23 14:10
Matrix: Water
Date Received: 08/17/23 19:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	680713	ZN	EET BUF	08/21/23 15:53
Total/NA	Prep	3510C			680599	LSC	EET BUF	08/18/23 15:02
Total/NA	Analysis	8270D		1	680677	JMM	EET BUF	08/21/23 22:37

Client Sample ID: PZ-17
Lab Sample ID: 480-211970-14
Date Collected: 08/16/23 14:50
Matrix: Water
Date Received: 08/17/23 19:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	680713	ZN	EET BUF	08/21/23 16:15
Total/NA	Prep	3510C			680599	LSC	EET BUF	08/18/23 15:02
Total/NA	Analysis	8270D		1	680677	JMM	EET BUF	08/21/23 23:04

Client Sample ID: PZ-19
Lab Sample ID: 480-211970-15
Date Collected: 08/16/23 15:20
Matrix: Water
Date Received: 08/17/23 19:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	680713	ZN	EET BUF	08/21/23 16:37
Total/NA	Prep	3510C			680599	LSC	EET BUF	08/18/23 15:02
Total/NA	Analysis	8270D		1	680677	JMM	EET BUF	08/21/23 23:31

Client Sample ID: MW-1801
Lab Sample ID: 480-211970-16
Date Collected: 08/17/23 08:35
Matrix: Water
Date Received: 08/17/23 19:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		5	680821	ZN	EET BUF	08/22/23 14:31

Client Sample ID: MW-1801
Date Collected: 08/17/23 08:35
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-16
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C	DL		680599	LSC	EET BUF	08/18/23 15:02
Total/NA	Analysis	8270D	DL	10	680873	JMM	EET BUF	08/22/23 19:06
Total/NA	Prep	3510C			680599	LSC	EET BUF	08/18/23 15:02
Total/NA	Analysis	8270D		1	680677	JMM	EET BUF	08/21/23 23:57

Client Sample ID: MW-045
Date Collected: 08/17/23 09:35
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-17
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		2	680713	ZN	EET BUF	08/21/23 17:21
Total/NA	Prep	3510C	DL		680599	LSC	EET BUF	08/18/23 15:02
Total/NA	Analysis	8270D	DL	10	680873	JMM	EET BUF	08/22/23 19:33
Total/NA	Prep	3510C			680599	LSC	EET BUF	08/18/23 15:02
Total/NA	Analysis	8270D		1	680677	JMM	EET BUF	08/22/23 00:24

Client Sample ID: MW-1808
Date Collected: 08/17/23 10:30
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-18
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		5	680713	ZN	EET BUF	08/21/23 17:43
Total/NA	Prep	3510C	DL		680599	LSC	EET BUF	08/18/23 15:02
Total/NA	Analysis	8270D	DL	5	680873	JMM	EET BUF	08/22/23 20:00
Total/NA	Prep	3510C			680599	LSC	EET BUF	08/18/23 15:02
Total/NA	Analysis	8270D		1	680677	JMM	EET BUF	08/22/23 00:51

Client Sample ID: MW-1802
Date Collected: 08/17/23 11:35
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-19
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		10	680821	ZN	EET BUF	08/22/23 14:53
Total/NA	Prep	3510C	DL		680599	LSC	EET BUF	08/18/23 15:02
Total/NA	Analysis	8270D	DL	50	680996	JMM	EET BUF	08/23/23 19:47
Total/NA	Prep	3510C			680599	LSC	EET BUF	08/18/23 15:02
Total/NA	Analysis	8270D		1	680677	JMM	EET BUF	08/22/23 01:18

Client Sample ID: PZ-18
Date Collected: 08/17/23 16:00
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-20
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	680713	ZN	EET BUF	08/21/23 18:27

Lab Chronicle

Client: New York State Electric & Gas
Project/Site: NYSEG - Dansville MGP

Job ID: 480-211970-1

Client Sample ID: PZ-18
Date Collected: 08/17/23 16:00
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-20
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			680599	LSC	EET BUF	08/18/23 15:02
Total/NA	Analysis	8270D		1	680677	JMM	EET BUF	08/22/23 01:44

Client Sample ID: MW-1806
Date Collected: 08/17/23 16:40
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-21
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		10	680821	ZN	EET BUF	08/22/23 15:15
Total/NA	Prep	3510C			680599	LSC	EET BUF	08/18/23 15:02
Total/NA	Analysis	8270D		5	680677	JMM	EET BUF	08/22/23 02:11

Client Sample ID: TRIP BLANK
Date Collected: 08/15/23 00:00
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-22
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	680578	AXK	EET BUF	08/18/23 23:19

Client Sample ID: MW-1803
Date Collected: 08/15/23 00:00
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-23
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		10	680578	AXK	EET BUF	08/18/23 23:40
Total/NA	Prep	3510C			680704	JMP	EET BUF	08/21/23 08:57
Total/NA	Analysis	8270D		10	682122	JMM	EET BUF	09/01/23 17:55

Client Sample ID: MW-1804
Date Collected: 08/15/23 12:04
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-24
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	680578	AXK	EET BUF	08/19/23 00:02
Total/NA	Prep	3510C			680704	JMP	EET BUF	08/21/23 08:57
Total/NA	Analysis	8270D		1	680873	JMM	EET BUF	08/22/23 23:37

Laboratory References:

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

Accreditation/Certification Summary

Client: New York State Electric & Gas
Project/Site: NYSEG - Dansville MGP

Job ID: 480-211970-1

Laboratory: Eurofins Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8270D	3510C	Water	1-Methylnaphthalene

Method Summary

Client: New York State Electric & Gas
Project/Site: NYSEG - Dansville MGP

Job ID: 480-211970-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
8270D	Semivolatile Organic Compounds (GC/MS)	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: New York State Electric & Gas
Project/Site: NYSEG - Dansville MGP

Job ID: 480-211970-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-211970-1	MW-1805	Water	08/15/23 14:45	08/17/23 19:15
480-211970-2	MW-1810	Water	08/15/23 14:05	08/17/23 19:15
480-211970-3	DUP-01-20230815	Water	08/15/23 00:00	08/17/23 19:15
480-211970-4	DUP-02-20230815	Water	08/15/23 00:00	08/17/23 19:15
480-211970-5	PZ-29	Water	08/16/23 08:05	08/17/23 19:15
480-211970-6	PZ-32	Water	08/16/23 09:20	08/17/23 19:15
480-211970-7	PZ-14	Water	08/16/23 09:35	08/17/23 19:15
480-211970-8	PZ-31	Water	08/16/23 10:30	08/17/23 19:15
480-211970-9	PZ-24	Water	08/16/23 11:45	08/17/23 19:15
480-211970-10	MW-1807	Water	08/16/23 11:45	08/17/23 19:15
480-211970-11	PZ-36	Water	08/16/23 13:45	08/17/23 19:15
480-211970-12	MW-1809	Water	08/16/23 13:00	08/17/23 19:15
480-211970-13	PZ-13	Water	08/16/23 14:10	08/17/23 19:15
480-211970-14	PZ-17	Water	08/16/23 14:50	08/17/23 19:15
480-211970-15	PZ-19	Water	08/16/23 15:20	08/17/23 19:15
480-211970-16	MW-1801	Water	08/17/23 08:35	08/17/23 19:15
480-211970-17	MW-045	Water	08/17/23 09:35	08/17/23 19:15
480-211970-18	MW-1808	Water	08/17/23 10:30	08/17/23 19:15
480-211970-19	MW-1802	Water	08/17/23 11:35	08/17/23 19:15
480-211970-20	PZ-18	Water	08/17/23 16:00	08/17/23 19:15
480-211970-21	MW-1806	Water	08/17/23 16:40	08/17/23 19:15
480-211970-22	TRIP BLANK	Water	08/15/23 00:00	08/17/23 19:15
480-211970-23	MW-1803	Water	08/15/23 00:00	08/17/23 19:15
480-211970-24	MW-1804	Water	08/15/23 12:04	08/17/23 19:15

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

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler:	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-187281-37871.1
Client Contact: Nicholas Beyrle	Phone:	E-Mail: John.Schove@et.eurofinsus.com	State of Origin:	Page: Page 1 of 4
Company: ARCADIS US Inc	PWSID:			Job #:
Address: 295 Woodcliff Drive, Suite 301	Due Date Requested:			
City: Fairport	TAT Requested (days):			
State, Zip: NY, 14450	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 4506043836			
Email: nicholas.beyrle@arcadis.com	WO #: NYSEG-Dansville/John Ruspantini			
Project Name: NYSEG - Dansville MGP	Project #: 48006864			
Site:	SSOW#:			

Analysis Requested

480-211970 Chain of Custody

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)

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)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270D - PAH Semivolatiles	8260C - BTEX	8260C - Trip Blank - BTEX	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	A	A		
MW-1805	8/15/23	1445	G	Water	N	Y	X	X		15	MS/MSD
MW-1810	8/15/23	1405	G	Water	N	Y	X	X		15	MS/MSD
DUP-01-20230815	8/15/23	—	G	Water	N	N	X	X		5	
DUP-02-20230815	8/15/23	—	G	Water	N	N	X	X		5	
PZ-29	8/16/23	0805	G	Water	N	N	X	X		5	
PZ-32	8/16/23	0920	G	Water	N	N	X	X		5	
PZ-14	8/16/23	0935	G	Water	N	N	X	X		5	
PZ-31	8/16/23	1030	G	Water	N	N	X	X		5	
PZ-24	8/16/23	1145	G	Water	N	N	X	X		5	
MW-1807	8/16/23	1145	G	Water	N	N	X	X		5	
PZ-36	8/16/23	1345	G	Water	N	N	X	X		5	

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: 8/17/23 1915	Company: Arcadis	Received by:	Date/Time: 08/17/23 7:15 pm	Company: FAB
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

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

Cooler Temperature(s) °C and Other Remarks: 3.5 4.1 3.7 #1 ICE

Ver: 06/08/2021

9/5/2023

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

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler:	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-187281-37871.2
Client Contact: Nicholas Beyrle	Phone:	E-Mail: John.Schove@et.eurofinsus.com	State of Origin:	Page: Page 2 of 4
Company: ARCADIS US Inc	PWSID:			Job #:
Address: 295 Woodcliff Drive, Suite 301	Due Date Requested:			
City: Fairport	TAT Requested (days):			
State, Zip: NY, 14450	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 4506043836			
Email: nicholas.beyrle@arcadis.com	WO #: NYSEG-Dansville/John Ruspantini			
Project Name: NYSEG - Dansville MGP	Project #: 48006864			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
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)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270D - PAH Semivolatiles	8260C - BTEX	8260C - Trip Blank - BTEX	Total Number of containers	Special Instructions/Note:
Preservation Code:							N	A	A		
MW-1809	8/16/23	1300	G	Water	N	N	X	X		5	
PZ-13	8/16/23	1410	G	Water	N	N	X	X		5	
PZ-17	8/16/23	1450	G	Water	N	N	X	X		5	
PZ-19	8/16/23	1520	G	Water	N	N	X	X		5	
MW-1801	8/17/23	0835	G	Water	N	N	X	X		5	
MW-045	8/17/23	0935	G	Water	N	N	X	X		5	
MW-1808	8/17/23	1030	G	Water	N	N	X	X		5	
MW-1802	8/17/23	1135	G	Water	N	N	X	X		5	
PZ-18	8/17/23	1600	G	Water	N	N	X	X		5	
MW-1806	8/17/23	1640	G	Water	N	N	X	X		5	
Trip Blank	7/28/23	—	G	Water	N	N			X	2	

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
1	[signature]	8/17/23 1915		[signature]	8/17/23 7:15pm	TAB
2	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
3	Relinquished by	Date/Time	Company	Received by	Date/Time	Company

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

Cooler Temperature(s) °C and Other Remarks: 3.5 4.1 3.2 #1 ICE

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: New York State Electric & Gas

Job Number: 480-211970-1

Login Number: 211970
List Number: 1
Creator: Stopa, Erik S

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is 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 sample IDs on the containers 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	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	ARCADIS
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

Appendix B

Data Usability Summary Report

NYSEG Dansville
Former MGP Site

Data Usability Summary Report

Dansville MGP, New York

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

SDG # 480-211970-1

Analyses Performed By:
Eurofins Buffalo
Amherst, New York

Report # 51437R
Review Level: Tier III
Project: 30171610.2

Summary

This Data Usability Summary Report (DUSR) summarizes the review of Sample Delivery Group (SDG) # 480-211970-1 for samples collected in association with the NYSEG Dansville MGP 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
MW-1805	480-211970-1	Water	8/15/2023		X	X	--
MW-1810	480-211970-2	Water	8/15/2023		X	X	--
DUP-01-20230815	480-211970-3	Water	8/15/2023	MW-1810	X	X	--
DUP-02-20230815	480-211970-4	Water	8/15/2023	MW-1805	X	X	--
PZ-29	480-211970-5	Water	8/16/2023		X	X	--
PZ-32	480-211970-6	Water	8/16/2023		X	X	--
PZ-14	480-211970-7	Water	8/16/2023		X	X	--
PZ-31	480-211970-8	Water	8/16/2023		X	X	--
PZ-24	480-211970-9	Water	8/16/2023		X	X	--
MW-1807	480-211970-10	Water	8/16/2023		X	X	--
PZ-36	480-211970-11	Water	8/16/2023		X	X	--
MW-1809	480-211970-12	Water	8/16/2023		X	X	--
PZ-13	480-211970-13	Water	8/16/2023		X	X	--
PZ-17	480-211970-14	Water	8/16/2023		X	X	--
PZ-19	480-211970-15	Water	8/16/2023		X	X	--
MW-1801	480-211970-16	Water	8/17/2023		X	X	--
MW-045	480-211970-17	Water	8/17/2023		X	X	--
MW-1808	480-211970-18	Water	8/17/2023		X	X	--
MW-1802	480-211970-19	Water	8/17/2023		X	X	--
PZ-18	480-211970-20	Water	8/17/2023		X	X	--
MW-1806	480-211970-21	Water	8/17/2023		X	X	--
TRIP BLANK	480-211970-22	Water	8/15/2023		X	X	--
MW-1803	480-211970-23	Water	8/15/2023		X	X	--
MW-1804	480-211970-24	Water	8/15/2023		X	X	--

Notes:

VOC = Volatile Organic Compounds

SVOC = Semi-volatile Organic Compounds

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

The laboratory noted: The following samples were submitted for analysis; however, it was not listed on the Chain-of-Custody (COC): MW-1803 (480-211970-23) and MW-1804 (480-211970-24).

Method 8260C: The method requirement for no headspace was not met. The following volatile samples were analyzed with headspace in the sample container(s): PZ-36 (480-211970-11), MW-1801 (480-211970-16), MW-1802 (480-211970-19), MW-1806 (480-211970-21), (480-211970-E-19 MS) and (480-211970-E-19 MSD).

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 not detected above the MDL in the associated blanks; therefore, detected sample results were not associated with blank contamination.

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 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 analysis performed on samples MW-1810, MW-1805 and MW-1802. The MS/MSD analysis exhibited acceptable recoveries and RPDs with the exceptions noted in the table below.

Sample ID	Compound	MS Recovery	MSD Recovery
MW-1802	Ethylbenzene	< LL but > 10%	< LL but > 10%

Note:
AC Acceptable
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.

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-1810/DUP-01-20230815	All target compounds	U	U	AC
MW-1805/DUP-02-20230815	Benzene	51	68	28.6%
	Ethylbenzene	100	140	33.3%
	Toluene	4.6 J	6.2 J	AC
	Toluene	58	77	AC

Note:
U = Non detect
AC = Acceptable

The compound ethylbenzene associated with sample locations MW-1805 and DUP-02-20230815 exhibited a field duplicate RPD greater than the control limit. The associated sample results from sample locations for the listed compound were qualified as estimated.

10. Compound Identification

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

All identified compounds met the specified criteria.

11. System Performance and Overall Assessment

The laboratory noted: Method 8260C: The method requirement for no headspace was not met. The following volatile samples were analyzed with headspace in the sample container(s): PZ-36 (480-211970-11), MW-1801 (480-211970-16), MW-1802 (480-211970-19), MW-1806 (480-211970-21), (480-211970-E-19 MS) and (480-211970-E-19 MSD). The results for sample locations: PZ-36 (480-211970-11), MW-1801 (480-211970-16), MW-1802 (480-211970-19) and MW-1806 (480-211970-21) were qualified as estimated.

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.

Compounds were not detected above the MDL in the associated blanks; therefore, detected sample results were not associated with blank contamination.

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 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. 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
MW-1802 - D	Nitrobenzene-d5	> UL
	p-Terphenyl-d14	< LL but > 10%
MW-1804	2-Fluorobiphenyl	> UL
	p-Terphenyl-d14	> UL

Notes:
UL Upper control limit
LL Lower control limit
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
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.

The MS/MSD analysis performed on samples MW-1810 and MW-1805. The MS/MSD analysis exhibited acceptable recoveries and RPDs with the exceptions noted in the table below. Qualification of sample results were also applied to samples MW-1810 and MW-1805 which is the duplicate samples of DUP-01-20230823 and DUP-02-20230815.

Sample ID	Compound	MS Recovery	MSD Recovery
MW-1810	1-Methylnaphthalene	> UL	AC
	2-Methylnaphthalene	> UL	AC
	Anthracene	> UL	> UL
	Fluoranthene	> UL	AC
	Naphthalene	> UL	AC
	Phenanthrene	> UL	> UL
MW-1805	Phenanthrene	< LL but > 10%	AC

Note:
AC Acceptable
UL Upper control limit
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

Control Limit	Sample Result	Qualification
< 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	

The MS/MSD analysis performed on sample MW-1810. The MS/MSD analysis exhibited acceptable recoveries and RPDs with the exceptions noted in the table below.

Sample ID	Compound
MW-1810	Benzo[a]pyrene Benzo[b]fluoranthene Benzo[g,h,i]perylene Benzo[k]fluoranthene Chrysene Dibenz(a,h)anthracene Indeno[1,2,3-cd]pyrene

The criteria used to evaluate the RPD between the MS/MSD recoveries are presented in the following table. In the case of an RPD deviation, the sample results are qualified as documented in the table below.

Control Limit	Sample Result	Qualification
> UL	Non-detect	UJ
	Detect	J

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.

The LCS analysis exhibited acceptable recoveries with the exceptions noted in the table below.

Sample ID	Batch	Compounds	LCS Recovery
MW-1810 MW-1803 MW-1804	680704	1-Methylnaphthalene	> UL
		2-Methylnaphthalene	> UL
		Anthracene	> UL
		Fluoranthene	> UL
		Naphthalene	> UL

Sample ID	Batch	Compounds	LCS Recovery
		Phenanthrene	> UL

Note:
AC Acceptable
UL Upper control limit

The criteria used to evaluate the LCS/LCSD recoveries are presented in the following table. In the case of an LCS/LCSD 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-1810/DUP-01-20230815	All target compounds	U	U	AC
MW-1805/DUP-02-20230815	1-Methylnaphthalene	220	220	AC
	2-Methylnaphthalene	30	29	3.4%
	Acenaphthene	130	140	AC
	Acenaphthylene	6.2	6.8	9.2%
	Anthracene	11	11	AC
	Fluoranthene	3.5 J	3.6 J	AC
	Fluorene	44	48	8.7%
	Naphthalene	150	120	AC
	Phenanthrene	55	57	3.6%

Sample ID / Duplicate ID	Compound	Sample Result (µg/L)	Duplicate Result (µg/L)	RPD
	Pyrene	4.0 J	4.3 J	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
MW-1805	1-Methylnaphthalene	180 E	220	220 D
	Acenaphthene	120 E	130	130 D
	Naphthalene	130 E	150	150 D
DUP-02-20230815	1-Methylnaphthalene	180	220	220 D
	Acenaphthene	120	140	140 D
	Naphthalene	110	120	120 D
MW-1801	1-Methylnaphthalene	160	180	180 D
	Acenaphthene	87	89	89 D
	Naphthalene	160	200	200 D
MW-045	1-Methylnaphthalene	210	260	260 D
	Acenaphthene	150	180	180 D
	Naphthalene	140	180	180 D
	Phenanthrene	76	79	79 D
MW-1808	1-Methylnaphthalene	110	110	110 D
MW-1802	1-Methylnaphthalene	140	140 J	140 DJ
	Acenaphthene	97	15 J	15 DJ

Sample ID	Compound	Original Analysis	Diluted Analysis	Reported Analysis
	Naphthalene	530	1500	1500 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 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

SAMPLE COMPLIANCE REPORT

Sample Delivery Group (SDG)	Sampling Date	Protocol	Sample ID	Matrix	Compliancy[1]			Noncompliance
					VOC	SVOC	CYANIDE	
480-211970-1	8/15/2023	SW846	MW-1805	Water	No	No	--	VOC – FD exceedance SVOC – MS/MSD %Recovery, Dilution
	8/15/2023	SW846	MW-1810	Water	Yes	No	--	SVOC – MS/MSD %Recovery, RPD, LCS %Recovery
	8/15/2023	SW846	DUP-01-20230815	Water	Yes	No	--	SVOC – MS/MSD %Recovery, RPD
	8/15/2023	SW846	DUP-02-20230815	Water	No	No	--	VOC – FD exceedance SVOC – MS/MSD %Recovery, Dilution
	8/16/2023	SW846	PZ-29	Water	Yes	Yes	--	
	8/16/2023	SW846	PZ-32	Water	Yes	Yes	--	
	8/16/2023	SW846	PZ-14	Water	Yes	Yes	--	
	8/16/2023	SW846	PZ-31	Water	Yes	Yes	--	
	8/16/2023	SW846	PZ-24	Water	Yes	Yes	--	
	8/16/2023	SW846	MW-1807	Water	Yes	Yes	--	
	8/16/2023	SW846	PZ-36	Water	No	Yes	--	VOC – Headspace/Preservation
	8/16/2023	SW846	MW-1809	Water	Yes	Yes	--	
	8/16/2023	SW846	PZ-13	Water	Yes	Yes	--	
	8/16/2023	SW846	PZ-17	Water	Yes	Yes	--	
	8/16/2023	SW846	PZ-19	Water	Yes	Yes	--	
	8/17/2023	SW846	MW-1801	Water	No	No	--	VOC – Headspace/Preservation SVOC - Dilution
	8/17/2023	SW846	MW-045	Water	Yes	No	--	SVOC - Dilution
	8/17/2023	SW846	MW-1808	Water	Yes	No	--	SVOC - Dilution
	8/17/2023	SW846	MW-1802	Water	No	No	--	VOC – Headspace/Preservation, MS/MSD %Recovery SVOC – Surrogate %Recovery, Dilution
	8/17/2023	SW846	PZ-18	Water	Yes	Yes	--	

Sample Delivery Group (SDG)	Sampling Date	Protocol	Sample ID	Matrix	Compliancy[1]			Noncompliance
					VOC	SVOC	CYANIDE	
	8/17/2023	SW846	MW-1806	Water	No	Yes	--	VOC – Headspace/Preservation
	8/15/2023	SW846	TRIP BLANK	Water	Yes	Yes	--	
	8/15/2023	SW846	MW-1803	Water	Yes	No	--	SVOC - LCS %Recovery
	8/15/2023	SW846	MW-1804	Water	Yes	No	--	SVOC – Surrogate %Recovery, LCS %Recovery

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: Dilip Kumar

SIGNATURE: 

DATE: October 05, 2023

PEER REVIEW: Joe Houser

DATE: October 6, 2023

Chain of Custody Corrected Sample Analysis Data Sheets

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

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler:	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-187281-37871.1
Client Contact: Nicholas Beyrle	Phone:	E-Mail: John.Schove@et.eurofinsus.com	State of Origin:	Page: Page 1 of 4
Company: ARCADIS US Inc	PWSID:			Job #:
Address: 295 Woodcliff Drive, Suite 301	Due Date Requested:			
City: Fairport	TAT Requested (days):			
State, Zip: NY, 14450	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 4506043836			
Email: nicholas.beyrle@arcadis.com	WO #: NYSEG-Dansville/John Ruspantini			
Project Name: NYSEG - Dansville MGP	Project #: 48006864			
Site:	SSOW#:			

Analysis Requested

480-211970 Chain of Custody

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
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)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270D - PAH Semivolatiles	8260C - BTEX	8260C - Trip Blank - BTEX	Total Number of containers	Special Instructions/Note:
Preservation Code:							N	A	A		
MW-1805	8/15/23	1445	G	Water	N	Y	X	X		15	MS/MSD
MW-1810	8/15/23	1405	G	Water	N	Y	X	X		15	MS/MSD
DUP-01-20230815	8/15/23	—	G	Water	N	N	X	X		5	
DUP-02-20230815	8/15/23	—	G	Water	N	N	X	X		5	
PZ-29	8/16/23	0805	G	Water	N	N	X	X		5	
PZ-32	8/16/23	0920	G	Water	N	N	X	X		5	
PZ-14	8/16/23	0935	G	Water	N	N	X	X		5	
PZ-31	8/16/23	1030	G	Water	N	N	X	X		5	
PZ-24	8/16/23	1145	G	Water	N	N	X	X		5	
MW-1807	8/16/23	1145	G	Water	N	N	X	X		5	
PZ-36	8/16/23	1345	G	Water	N	N	X	X		5	

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: 8/17/23 1915	Company: Arcadis	Received by:	Date/Time: 08/17/23 7:15 pm	Company: TAT
Relinquished by	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by	Date/Time:	Company	Received by:	Date/Time	Company

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

Cooler Temperature(s) °C and Other Remarks: 3.5 4.1 3.7 #1 ICE

Ver: 06/08/2021

9/5/2023 4:01 PM

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

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler:	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-187281-37871.2
Client Contact: Nicholas Beyrle	Phone:	E-Mail: John.Schove@et.eurofinsus.com	State of Origin:	Page: Page 2 of 4
Company: ARCADIS US Inc	PWSID:			Job #:

Address: 295 Woodcliff Drive, Suite 301	Due Date Requested:
City: Fairport	TAT Requested (days):
State, Zip: NY, 14450	Compliance Project: Δ Yes Δ No
Phone:	PO #: 4506043836
Email: nicholas.beyrle@arcadis.com	WO #: NYSEG-Dansville/John Ruspantini
Project Name: NYSEG - Dansville MGP	Project #: 48006864
Site:	SSOW#:

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)

Other:

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270D - PAH Semivolatiles	8260C - BTEX	8260C - Trip Blank - BTEX	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	A	A		
MW-1809	8/16/23	1300	G	Water	N	N	X	X		5	
PZ-13	8/16/23	1410	G	Water	N	N	X	X		5	
PZ-17	8/16/23	1450	G	Water	N	N	X	X		5	
PZ-19	8/16/23	1520	G	Water	N	N	X	X		5	
MW-1801	8/17/23	0835	G	Water	N	N	X	X		5	
MW-045	8/17/23	0935	G	Water	N	N	X	X		5	
MW-1808	8/17/23	1030	G	Water	N	N	X	X		5	
MW-1802	8/17/23	1135	G	Water	N	N	X	X		5	
PZ-18	8/17/23	1600	G	Water	N	N	X	X		5	
MW-1806	8/17/23	1640	G	Water	N	N	X	X		5	
Trip Blank	7/28/23	—	G	Water	N	N			X	2	

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: 8/17/23 1915	Company	Received by	Date/Time: 8/17/23 7:15pm	Company
Relinquished by	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by	Date/Time:	Company	Received by:	Date/Time	Company

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

Cooler Temperature(s) °C and Other Remarks: 3.5 4.1 3.2 #1 ICE

Ver: 06/08/2021

9/5/2023 4:01 PM

Client Sample ID: MW-1805

Date Collected: 08/15/23 14:45
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**51**		5.0	2.1	ug/L			08/21/23 14:03	5
Ethylbenzene	**100**	J	5.0	3.7	ug/L			08/21/23 14:03	5
Toluene	**4.6**	**J**	5.0	2.6	ug/L			08/21/23 14:03	5
Xylenes, Total	**58**		10	3.3	ug/L			08/21/23 14:03	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*		*08/21/23 14:03*	*5*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*		*08/21/23 14:03*	*5*
Dibromofluoromethane (Surr)	*109*		*75 - 123*		*08/21/23 14:03*	*5*
Toluene-d8 (Surr)	*87*		*80 - 120*		*08/21/23 14:03*	*5*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**180**	**E**	5.0	0.73	ug/L		08/18/23 15:02	08/21/23 17:40	1
2-Methylnaphthalene	**30**		5.0	0.60	ug/L		08/18/23 15:02	08/21/23 17:40	1
Acenaphthene	**120**	**E F1**	5.0	0.41	ug/L		08/18/23 15:02	08/21/23 17:40	1
Acenaphthylene	**6.2**		5.0	0.38	ug/L		08/18/23 15:02	08/21/23 17:40	1
Anthracene	**11**		5.0	0.28	ug/L		08/18/23 15:02	08/21/23 17:40	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/18/23 15:02	08/21/23 17:40	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 17:40	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/21/23 17:40	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/18/23 15:02	08/21/23 17:40	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/21/23 17:40	1
Chrysene	ND		5.0	0.33	ug/L		08/18/23 15:02	08/21/23 17:40	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/18/23 15:02	08/21/23 17:40	1
Fluoranthene	**3.5**	**J**	5.0	0.40	ug/L		08/18/23 15:02	08/21/23 17:40	1
Fluorene	**44**		5.0	0.36	ug/L		08/18/23 15:02	08/21/23 17:40	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 17:40	1
Naphthalene	**130**	**E F1**	5.0	0.76	ug/L		08/18/23 15:02	08/21/23 17:40	1
Phenanthrene	**55**	**F1** J	5.0	0.44	ug/L		08/18/23 15:02	08/21/23 17:40	1
Pyrene	**4.0**	**J**	5.0	0.34	ug/L		08/18/23 15:02	08/21/23 17:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*84*		*48 - 120*	*08/18/23 15:02*	*08/21/23 17:40*	*1*
Nitrobenzene-d5 (Surr)	*80*		*46 - 120*	*08/18/23 15:02*	*08/21/23 17:40*	*1*
p-Terphenyl-d14 (Surr)	*65*		*60 - 148*	*08/18/23 15:02*	*08/21/23 17:40*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**220**	D	50	7.3	ug/L		08/18/23 15:02	08/22/23 18:11	10
2-Methylnaphthalene	**26**	**J**	50	6.0	ug/L		08/18/23 15:02	08/22/23 18:11	10
Acenaphthene	**130**	D	50	4.1	ug/L		08/18/23 15:02	08/22/23 18:11	10
Acenaphthylene	**6.2**	**J**	50	3.8	ug/L		08/18/23 15:02	08/22/23 18:11	10
Anthracene	**15**	**J**	50	2.8	ug/L		08/18/23 15:02	08/22/23 18:11	10
Benzo[a]anthracene	ND		50	3.6	ug/L		08/18/23 15:02	08/22/23 18:11	10
Benzo[a]pyrene	ND		50	4.7	ug/L		08/18/23 15:02	08/22/23 18:11	10
Benzo[b]fluoranthene	ND		50	3.4	ug/L		08/18/23 15:02	08/22/23 18:11	10
Benzo[g,h,i]perylene	ND		50	3.5	ug/L		08/18/23 15:02	08/22/23 18:11	10
Benzo[k]fluoranthene	ND		50	7.3	ug/L		08/18/23 15:02	08/22/23 18:11	10
Chrysene	ND		50	3.3	ug/L		08/18/23 15:02	08/22/23 18:11	10

Client Sample ID: MW-1805

Date Collected: 08/15/23 14:45
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		50	4.2	ug/L		08/18/23 15:02	08/22/23 18:11	10
Fluoranthene	ND		50	4.0	ug/L		08/18/23 15:02	08/22/23 18:11	10
Fluorene	**48**	**J**	50	3.6	ug/L		08/18/23 15:02	08/22/23 18:11	10
Indeno[1,2,3-cd]pyrene	ND		50	4.7	ug/L		08/18/23 15:02	08/22/23 18:11	10
Naphthalene	**150**	**F2**	50	7.6	ug/L	D	08/18/23 15:02	08/22/23 18:11	10
Phenanthrene	**54**		50	4.4	ug/L		08/18/23 15:02	08/22/23 18:11	10
Pyrene	**4.1**	**J**	50	3.4	ug/L		08/18/23 15:02	08/22/23 18:11	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*75*		*48 - 120*	*08/18/23 15:02*	*08/22/23 18:11*	*10*
Nitrobenzene-d5 (Surr)	*79*		*46 - 120*	*08/18/23 15:02*	*08/22/23 18:11*	*10*
p-Terphenyl-d14 (Surr)	*52*	*S1-*	*60 - 148*	*08/18/23 15:02*	*08/22/23 18:11*	*10*

Client Sample ID: MW-1810

Date Collected: 08/15/23 14:05
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			08/18/23 22:57	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/18/23 22:57	1
Toluene	ND		1.0	0.51	ug/L			08/18/23 22:57	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/18/23 22:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*08/18/23 22:57*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*08/18/23 22:57*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 123*		*08/18/23 22:57*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*08/18/23 22:57*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND	*3 F1 *+	5.2	0.76	ug/L		08/21/23 08:57	08/22/23 22:43	1
2-Methylnaphthalene	ND	*3 F1 *+	5.2	0.63	ug/L		08/21/23 08:57	08/22/23 22:43	1
Acenaphthene	ND	*3	5.2	0.43	ug/L		08/21/23 08:57	08/22/23 22:43	1
Acenaphthylene	ND	*3	5.2	0.40	ug/L		08/21/23 08:57	08/22/23 22:43	1
Anthracene	ND	F1 *3 *+	5.2	0.29	ug/L		08/21/23 08:57	08/22/23 22:43	1
Benzo[a]anthracene	ND	*3	5.2	0.38	ug/L		08/21/23 08:57	08/22/23 22:43	1
Benzo[a]pyrene	ND	F2 *3	5.2	0.49	ug/L	UJ	08/21/23 08:57	08/22/23 22:43	1
Benzo[b]fluoranthene	ND	F2 *3	5.2	0.35	ug/L		08/21/23 08:57	08/22/23 22:43	1
Benzo[g,h,i]perylene	ND	F2 *3	5.2	0.36	ug/L		08/21/23 08:57	08/22/23 22:43	1
Benzo[k]fluoranthene	ND	F2 *3	5.2	0.76	ug/L		08/21/23 08:57	08/22/23 22:43	1
Chrysene	ND	F2 *3	5.2	0.34	ug/L		08/21/23 08:57	08/22/23 22:43	1
Dibenz(a,h)anthracene	ND	F2 *3	5.2	0.44	ug/L		08/21/23 08:57	08/22/23 22:43	1
Fluoranthene	ND	*3 F1 *+	5.2	0.42	ug/L		08/21/23 08:57	08/22/23 22:43	1
Fluorene	ND	*3	5.2	0.38	ug/L		08/21/23 08:57	08/22/23 22:43	1
Indeno[1,2,3-cd]pyrene	ND	F2 *3	5.2	0.49	ug/L	UJ	08/21/23 08:57	08/22/23 22:43	1
Naphthalene	ND	F1 *3 *+	5.2	0.79	ug/L		08/21/23 08:57	08/22/23 22:43	1
Phenanthrene	ND	F1 *3 *+	5.2	0.46	ug/L		08/21/23 08:57	08/22/23 22:43	1
Pyrene	ND	*3	5.2	0.35	ug/L		08/21/23 08:57	08/22/23 22:43	1

Client Sample ID: MW-1810

Date Collected: 08/15/23 14:05
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-2

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	*114*	**3*	*48 - 120*	*08/21/23 08:57*	*08/22/23 22:43*	*1*
Nitrobenzene-d5 (Surr)	*171*	**3 S1+*	*46 - 120*	*08/21/23 08:57*	*08/22/23 22:43*	*1*
p-Terphenyl-d14 (Surr)	*62*	**3*	*60 - 148*	*08/21/23 08:57*	*08/22/23 22:43*	*1*

Client Sample ID: DUP-01-20230815

Date Collected: 08/15/23 00:00
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			08/21/23 14:25	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/21/23 14:25	1
Toluene	ND		1.0	0.51	ug/L			08/21/23 14:25	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/21/23 14:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*08/21/23 14:25*	*1*
4-Bromofluorobenzene (Surr)	*113*		*73 - 120*		*08/21/23 14:25*	*1*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*08/21/23 14:25*	*1*
Toluene-d8 (Surr)	*88*		*80 - 120*		*08/21/23 14:25*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		5.2	0.76	ug/L		08/18/23 15:02	08/21/23 18:07	1
2-Methylnaphthalene	ND		5.2	0.63	ug/L		08/18/23 15:02	08/21/23 18:07	1
Acenaphthene	ND		5.2	0.43	ug/L		08/18/23 15:02	08/21/23 18:07	1
Acenaphthylene	ND		5.2	0.40	ug/L		08/18/23 15:02	08/21/23 18:07	1
Anthracene	ND		5.2	0.29	ug/L		08/18/23 15:02	08/21/23 18:07	1
Benzo[a]anthracene	ND		5.2	0.38	ug/L		08/18/23 15:02	08/21/23 18:07	1
Benzo[a]pyrene	ND	UJ	5.2	0.49	ug/L		08/18/23 15:02	08/21/23 18:07	1
Benzo[b]fluoranthene	ND		5.2	0.35	ug/L		08/18/23 15:02	08/21/23 18:07	1
Benzo[g,h,i]perylene	ND		5.2	0.36	ug/L		08/18/23 15:02	08/21/23 18:07	1
Benzo[k]fluoranthene	ND		5.2	0.76	ug/L		08/18/23 15:02	08/21/23 18:07	1
Chrysene	ND		5.2	0.34	ug/L		08/18/23 15:02	08/21/23 18:07	1
Dibenz(a,h)anthracene	ND		5.2	0.44	ug/L		08/18/23 15:02	08/21/23 18:07	1
Fluoranthene	ND		5.2	0.42	ug/L		08/18/23 15:02	08/21/23 18:07	1
Fluorene	ND		5.2	0.38	ug/L		08/18/23 15:02	08/21/23 18:07	1
Indeno[1,2,3-cd]pyrene	ND	UJ	5.2	0.49	ug/L		08/18/23 15:02	08/21/23 18:07	1
Naphthalene	ND		5.2	0.79	ug/L		08/18/23 15:02	08/21/23 18:07	1
Phenanthrene	ND		5.2	0.46	ug/L		08/18/23 15:02	08/21/23 18:07	1
Pyrene	ND		5.2	0.35	ug/L		08/18/23 15:02	08/21/23 18:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	*85*		*48 - 120*	*08/18/23 15:02*	*08/21/23 18:07*	*1*
Nitrobenzene-d5 (Surr)	*76*		*46 - 120*	*08/18/23 15:02*	*08/21/23 18:07*	*1*
p-Terphenyl-d14 (Surr)	*59*	*S1-*	*60 - 148*	*08/18/23 15:02*	*08/21/23 18:07*	*1*

Client Sample ID: DUP-02-20230815

Date Collected: 08/15/23 00:00
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-4

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**68**		10	4.1	ug/L			08/18/23 14:11	10
Ethylbenzene	**140**	J	10	7.4	ug/L			08/18/23 14:11	10
Toluene	**6.2**	**J**	10	5.1	ug/L			08/18/23 14:11	10
Xylenes, Total	**77**		20	6.6	ug/L			08/18/23 14:11	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*		*08/18/23 14:11*	*10*
4-Bromofluorobenzene (Surr)	*111*		*73 - 120*		*08/18/23 14:11*	*10*
Dibromofluoromethane (Surr)	*109*		*75 - 123*		*08/18/23 14:11*	*10*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/18/23 14:11*	*10*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**180**	**E**	5.0	0.73	ug/L		08/18/23 15:02	08/21/23 18:34	1
2-Methylnaphthalene	**29**		5.0	0.60	ug/L		08/18/23 15:02	08/21/23 18:34	1
Acenaphthene	**120**	**E**	5.0	0.41	ug/L		08/18/23 15:02	08/21/23 18:34	1
Acenaphthylene	**6.8**		5.0	0.38	ug/L		08/18/23 15:02	08/21/23 18:34	1
Anthracene	**11**		5.0	0.28	ug/L		08/18/23 15:02	08/21/23 18:34	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/18/23 15:02	08/21/23 18:34	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 18:34	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/21/23 18:34	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/18/23 15:02	08/21/23 18:34	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/21/23 18:34	1
Chrysene	ND		5.0	0.33	ug/L		08/18/23 15:02	08/21/23 18:34	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/18/23 15:02	08/21/23 18:34	1
Fluoranthene	**3.6**	**J**	5.0	0.40	ug/L		08/18/23 15:02	08/21/23 18:34	1
Fluorene	**48**		5.0	0.36	ug/L		08/18/23 15:02	08/21/23 18:34	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 18:34	1
Naphthalene	**110**	**E**	5.0	0.76	ug/L		08/18/23 15:02	08/21/23 18:34	1
Phenanthrene	**57**	J	5.0	0.44	ug/L		08/18/23 15:02	08/21/23 18:34	1
Pyrene	**4.3**	**J**	5.0	0.34	ug/L		08/18/23 15:02	08/21/23 18:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*95*		*48 - 120*	*08/18/23 15:02*	*08/21/23 18:34*	*1*
Nitrobenzene-d5 (Surr)	*85*		*46 - 120*	*08/18/23 15:02*	*08/21/23 18:34*	*1*
p-Terphenyl-d14 (Surr)	*70*		*60 - 148*	*08/18/23 15:02*	*08/21/23 18:34*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**220**	D	50	7.3	ug/L		08/18/23 15:02	08/22/23 18:39	10
2-Methylnaphthalene	**27**	**J**	50	6.0	ug/L		08/18/23 15:02	08/22/23 18:39	10
Acenaphthene	**140**	D	50	4.1	ug/L		08/18/23 15:02	08/22/23 18:39	10
Acenaphthylene	**6.1**	**J**	50	3.8	ug/L		08/18/23 15:02	08/22/23 18:39	10
Anthracene	**14**	**J**	50	2.8	ug/L		08/18/23 15:02	08/22/23 18:39	10
Benzo[a]anthracene	ND		50	3.6	ug/L		08/18/23 15:02	08/22/23 18:39	10
Benzo[a]pyrene	ND		50	4.7	ug/L		08/18/23 15:02	08/22/23 18:39	10
Benzo[b]fluoranthene	ND		50	3.4	ug/L		08/18/23 15:02	08/22/23 18:39	10
Benzo[g,h,i]perylene	ND		50	3.5	ug/L		08/18/23 15:02	08/22/23 18:39	10
Benzo[k]fluoranthene	ND		50	7.3	ug/L		08/18/23 15:02	08/22/23 18:39	10
Chrysene	ND		50	3.3	ug/L		08/18/23 15:02	08/22/23 18:39	10

Client Sample ID: DUP-02-20230815

Date Collected: 08/15/23 00:00
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-4

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		50	4.2	ug/L		08/18/23 15:02	08/22/23 18:39	10
Fluoranthene	ND		50	4.0	ug/L		08/18/23 15:02	08/22/23 18:39	10
Fluorene	**53**		50	3.6	ug/L		08/18/23 15:02	08/22/23 18:39	10
Indeno[1,2,3-cd]pyrene	ND		50	4.7	ug/L		08/18/23 15:02	08/22/23 18:39	10
Naphthalene	**120**	D	50	7.6	ug/L		08/18/23 15:02	08/22/23 18:39	10
Phenanthrene	**59**		50	4.4	ug/L		08/18/23 15:02	08/22/23 18:39	10
Pyrene	**4.2**	**J**	50	3.4	ug/L		08/18/23 15:02	08/22/23 18:39	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*82*		*48 - 120*	*08/18/23 15:02*	*08/22/23 18:39*	*10*
Nitrobenzene-d5 (Surr)	*88*		*46 - 120*	*08/18/23 15:02*	*08/22/23 18:39*	*10*
p-Terphenyl-d14 (Surr)	*56*	*S1-*	*60 - 148*	*08/18/23 15:02*	*08/22/23 18:39*	*10*

Client Sample ID: PZ-29

Date Collected: 08/16/23 08:05
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			08/18/23 14:33	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/18/23 14:33	1
Toluene	ND		1.0	0.51	ug/L			08/18/23 14:33	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/18/23 14:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*		*08/18/23 14:33*	*1*
4-Bromofluorobenzene (Surr)	*113*		*73 - 120*		*08/18/23 14:33*	*1*
Dibromofluoromethane (Surr)	*109*		*75 - 123*		*08/18/23 14:33*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/18/23 14:33*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		5.4	0.79	ug/L		08/18/23 15:02	08/21/23 19:01	1
2-Methylnaphthalene	ND		5.4	0.65	ug/L		08/18/23 15:02	08/21/23 19:01	1
Acenaphthene	ND		5.4	0.45	ug/L		08/18/23 15:02	08/21/23 19:01	1
Acenaphthylene	ND		5.4	0.41	ug/L		08/18/23 15:02	08/21/23 19:01	1
Anthracene	ND		5.4	0.30	ug/L		08/18/23 15:02	08/21/23 19:01	1
Benzo[a]anthracene	ND		5.4	0.39	ug/L		08/18/23 15:02	08/21/23 19:01	1
Benzo[a]pyrene	ND		5.4	0.51	ug/L		08/18/23 15:02	08/21/23 19:01	1
Benzo[b]fluoranthene	ND		5.4	0.37	ug/L		08/18/23 15:02	08/21/23 19:01	1
Benzo[g,h,i]perylene	ND		5.4	0.38	ug/L		08/18/23 15:02	08/21/23 19:01	1
Benzo[k]fluoranthene	ND		5.4	0.79	ug/L		08/18/23 15:02	08/21/23 19:01	1
Chrysene	ND		5.4	0.36	ug/L		08/18/23 15:02	08/21/23 19:01	1
Dibenz(a,h)anthracene	ND		5.4	0.46	ug/L		08/18/23 15:02	08/21/23 19:01	1
Fluoranthene	ND		5.4	0.43	ug/L		08/18/23 15:02	08/21/23 19:01	1
Fluorene	ND		5.4	0.39	ug/L		08/18/23 15:02	08/21/23 19:01	1
Indeno[1,2,3-cd]pyrene	ND		5.4	0.51	ug/L		08/18/23 15:02	08/21/23 19:01	1
Naphthalene	ND		5.4	0.83	ug/L		08/18/23 15:02	08/21/23 19:01	1
Phenanthrene	ND		5.4	0.48	ug/L		08/18/23 15:02	08/21/23 19:01	1
Pyrene	ND		5.4	0.37	ug/L		08/18/23 15:02	08/21/23 19:01	1

Client Sample ID: PZ-29

Date Collected: 08/16/23 08:05
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-5
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*101*		*48 - 120*	*08/18/23 15:02*	*08/21/23 19:01*	*1*
Nitrobenzene-d5 (Surr)	*92*		*46 - 120*	*08/18/23 15:02*	*08/21/23 19:01*	*1*
p-Terphenyl-d14 (Surr)	*64*		*60 - 148*	*08/18/23 15:02*	*08/21/23 19:01*	*1*

Client Sample ID: PZ-32

Date Collected: 08/16/23 09:20
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			08/18/23 14:55	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/18/23 14:55	1
Toluene	ND		1.0	0.51	ug/L			08/18/23 14:55	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/18/23 14:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*08/18/23 14:55*	*1*
4-Bromofluorobenzene (Surr)	*114*		*73 - 120*		*08/18/23 14:55*	*1*
Dibromofluoromethane (Surr)	*111*		*75 - 123*		*08/18/23 14:55*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/18/23 14:55*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		5.2	0.76	ug/L		08/18/23 15:02	08/21/23 19:28	1
2-Methylnaphthalene	ND		5.2	0.63	ug/L		08/18/23 15:02	08/21/23 19:28	1
Acenaphthene	ND		5.2	0.43	ug/L		08/18/23 15:02	08/21/23 19:28	1
Acenaphthylene	ND		5.2	0.40	ug/L		08/18/23 15:02	08/21/23 19:28	1
Anthracene	ND		5.2	0.29	ug/L		08/18/23 15:02	08/21/23 19:28	1
Benzo[a]anthracene	ND		5.2	0.38	ug/L		08/18/23 15:02	08/21/23 19:28	1
Benzo[a]pyrene	ND		5.2	0.49	ug/L		08/18/23 15:02	08/21/23 19:28	1
Benzo[b]fluoranthene	ND		5.2	0.35	ug/L		08/18/23 15:02	08/21/23 19:28	1
Benzo[g,h,i]perylene	ND		5.2	0.36	ug/L		08/18/23 15:02	08/21/23 19:28	1
Benzo[k]fluoranthene	ND		5.2	0.76	ug/L		08/18/23 15:02	08/21/23 19:28	1
Chrysene	ND		5.2	0.34	ug/L		08/18/23 15:02	08/21/23 19:28	1
Dibenz(a,h)anthracene	ND		5.2	0.44	ug/L		08/18/23 15:02	08/21/23 19:28	1
Fluoranthene	ND		5.2	0.42	ug/L		08/18/23 15:02	08/21/23 19:28	1
Fluorene	ND		5.2	0.38	ug/L		08/18/23 15:02	08/21/23 19:28	1
Indeno[1,2,3-cd]pyrene	ND		5.2	0.49	ug/L		08/18/23 15:02	08/21/23 19:28	1
Naphthalene	ND		5.2	0.79	ug/L		08/18/23 15:02	08/21/23 19:28	1
Phenanthrene	ND		5.2	0.46	ug/L		08/18/23 15:02	08/21/23 19:28	1
Pyrene	ND		5.2	0.35	ug/L		08/18/23 15:02	08/21/23 19:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*94*		*48 - 120*	*08/18/23 15:02*	*08/21/23 19:28*	*1*
Nitrobenzene-d5 (Surr)	*83*		*46 - 120*	*08/18/23 15:02*	*08/21/23 19:28*	*1*
p-Terphenyl-d14 (Surr)	*63*		*60 - 148*	*08/18/23 15:02*	*08/21/23 19:28*	*1*

Client Sample ID: PZ-14

Date Collected: 08/16/23 09:35
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-7

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			08/18/23 15:17	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/18/23 15:17	1
Toluene	ND		1.0	0.51	ug/L			08/18/23 15:17	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/18/23 15:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*		*08/18/23 15:17*	*1*
4-Bromofluorobenzene (Surr)	*114*		*73 - 120*		*08/18/23 15:17*	*1*
Dibromofluoromethane (Surr)	*110*		*75 - 123*		*08/18/23 15:17*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/18/23 15:17*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/21/23 19:55	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/18/23 15:02	08/21/23 19:55	1
Acenaphthene	ND		5.0	0.41	ug/L		08/18/23 15:02	08/21/23 19:55	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/18/23 15:02	08/21/23 19:55	1
Anthracene	ND		5.0	0.28	ug/L		08/18/23 15:02	08/21/23 19:55	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/18/23 15:02	08/21/23 19:55	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 19:55	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/21/23 19:55	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/18/23 15:02	08/21/23 19:55	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/21/23 19:55	1
Chrysene	ND		5.0	0.33	ug/L		08/18/23 15:02	08/21/23 19:55	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/18/23 15:02	08/21/23 19:55	1
Fluoranthene	ND		5.0	0.40	ug/L		08/18/23 15:02	08/21/23 19:55	1
Fluorene	ND		5.0	0.36	ug/L		08/18/23 15:02	08/21/23 19:55	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 19:55	1
Naphthalene	ND		5.0	0.76	ug/L		08/18/23 15:02	08/21/23 19:55	1
Phenanthrene	ND		5.0	0.44	ug/L		08/18/23 15:02	08/21/23 19:55	1
Pyrene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/21/23 19:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*97*		*48 - 120*	*08/18/23 15:02*	*08/21/23 19:55*	*1*
Nitrobenzene-d5 (Surr)	*85*		*46 - 120*	*08/18/23 15:02*	*08/21/23 19:55*	*1*
p-Terphenyl-d14 (Surr)	*63*		*60 - 148*	*08/18/23 15:02*	*08/21/23 19:55*	*1*

Client Sample ID: PZ-31

Date Collected: 08/16/23 10:30
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-8

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			08/18/23 15:38	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/18/23 15:38	1
Toluene	ND		1.0	0.51	ug/L			08/18/23 15:38	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/18/23 15:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*		*08/18/23 15:38*	*1*
4-Bromofluorobenzene (Surr)	*113*		*73 - 120*		*08/18/23 15:38*	*1*

Client Sample ID: PZ-31

Date Collected: 08/16/23 10:30
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-8

Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*111*		*75 - 123*		*08/18/23 15:38*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/18/23 15:38*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/21/23 20:22	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/18/23 15:02	08/21/23 20:22	1
Acenaphthene	ND		5.0	0.41	ug/L		08/18/23 15:02	08/21/23 20:22	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/18/23 15:02	08/21/23 20:22	1
Anthracene	ND		5.0	0.28	ug/L		08/18/23 15:02	08/21/23 20:22	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/18/23 15:02	08/21/23 20:22	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 20:22	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/21/23 20:22	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/18/23 15:02	08/21/23 20:22	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/21/23 20:22	1
Chrysene	ND		5.0	0.33	ug/L		08/18/23 15:02	08/21/23 20:22	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/18/23 15:02	08/21/23 20:22	1
Fluoranthene	ND		5.0	0.40	ug/L		08/18/23 15:02	08/21/23 20:22	1
Fluorene	ND		5.0	0.36	ug/L		08/18/23 15:02	08/21/23 20:22	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 20:22	1
Naphthalene	ND		5.0	0.76	ug/L		08/18/23 15:02	08/21/23 20:22	1
Phenanthrene	ND		5.0	0.44	ug/L		08/18/23 15:02	08/21/23 20:22	1
Pyrene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/21/23 20:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*97*		*48 - 120*	*08/18/23 15:02*	*08/21/23 20:22*	*1*
Nitrobenzene-d5 (Surr)	*85*		*46 - 120*	*08/18/23 15:02*	*08/21/23 20:22*	*1*
p-Terphenyl-d14 (Surr)	*59*	*S1-*	*60 - 148*	*08/18/23 15:02*	*08/21/23 20:22*	*1*

Client Sample ID: PZ-24

Date Collected: 08/16/23 11:45
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-9

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.89**	**J**	1.0	0.41	ug/L			08/18/23 16:00	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/18/23 16:00	1
Toluene	ND		1.0	0.51	ug/L			08/18/23 16:00	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/18/23 16:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*		*08/18/23 16:00*	*1*
4-Bromofluorobenzene (Surr)	*113*		*73 - 120*		*08/18/23 16:00*	*1*
Dibromofluoromethane (Surr)	*110*		*75 - 123*		*08/18/23 16:00*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/18/23 16:00*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/21/23 20:49	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/18/23 15:02	08/21/23 20:49	1

Client Sample ID: PZ-24

Date Collected: 08/16/23 11:45
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-9

Matrix: Water

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0	0.41	ug/L		08/18/23 15:02	08/21/23 20:49	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/18/23 15:02	08/21/23 20:49	1
Anthracene	ND		5.0	0.28	ug/L		08/18/23 15:02	08/21/23 20:49	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/18/23 15:02	08/21/23 20:49	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 20:49	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/21/23 20:49	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/18/23 15:02	08/21/23 20:49	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/21/23 20:49	1
Chrysene	ND		5.0	0.33	ug/L		08/18/23 15:02	08/21/23 20:49	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/18/23 15:02	08/21/23 20:49	1
Fluoranthene	ND		5.0	0.40	ug/L		08/18/23 15:02	08/21/23 20:49	1
Fluorene	ND		5.0	0.36	ug/L		08/18/23 15:02	08/21/23 20:49	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 20:49	1
Naphthalene	ND		5.0	0.76	ug/L		08/18/23 15:02	08/21/23 20:49	1
Phenanthrene	ND		5.0	0.44	ug/L		08/18/23 15:02	08/21/23 20:49	1
Pyrene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/21/23 20:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*100*		*48 - 120*	*08/18/23 15:02*	*08/21/23 20:49*	*1*
Nitrobenzene-d5 (Surr)	*88*		*46 - 120*	*08/18/23 15:02*	*08/21/23 20:49*	*1*
p-Terphenyl-d14 (Surr)	*64*		*60 - 148*	*08/18/23 15:02*	*08/21/23 20:49*	*1*

Client Sample ID: MW-1807

Date Collected: 08/16/23 11:45
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-10

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**13**		2.0	0.82	ug/L			08/21/23 14:47	2
Ethylbenzene	**1.6**	**J**	2.0	1.5	ug/L			08/21/23 14:47	2
Toluene	ND		2.0	1.0	ug/L			08/21/23 14:47	2
Xylenes, Total	ND		4.0	1.3	ug/L			08/21/23 14:47	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*		*08/21/23 14:47*	*2*
4-Bromofluorobenzene (Surr)	*115*		*73 - 120*		*08/21/23 14:47*	*2*
Dibromofluoromethane (Surr)	*109*		*75 - 123*		*08/21/23 14:47*	*2*
Toluene-d8 (Surr)	*91*		*80 - 120*		*08/21/23 14:47*	*2*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**3.1**	**J**	5.0	0.73	ug/L		08/18/23 15:02	08/21/23 21:16	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/18/23 15:02	08/21/23 21:16	1
Acenaphthene	**33**		5.0	0.41	ug/L		08/18/23 15:02	08/21/23 21:16	1
Acenaphthylene	**3.5**	**J**	5.0	0.38	ug/L		08/18/23 15:02	08/21/23 21:16	1
Anthracene	**1.8**	**J**	5.0	0.28	ug/L		08/18/23 15:02	08/21/23 21:16	1
Benzo[a]anthracene	**0.47**	**J**	5.0	0.36	ug/L		08/18/23 15:02	08/21/23 21:16	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 21:16	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/21/23 21:16	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/18/23 15:02	08/21/23 21:16	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/21/23 21:16	1

Client Sample ID: MW-1807

Date Collected: 08/16/23 11:45
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-10

Matrix: Water

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	**0.35**	**J**	5.0	0.33	ug/L		08/18/23 15:02	08/21/23 21:16	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/18/23 15:02	08/21/23 21:16	1
Fluoranthene	**5.0**		5.0	0.40	ug/L		08/18/23 15:02	08/21/23 21:16	1
Fluorene	**14**		5.0	0.36	ug/L		08/18/23 15:02	08/21/23 21:16	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 21:16	1
Naphthalene	**0.91**	**J**	5.0	0.76	ug/L		08/18/23 15:02	08/21/23 21:16	1
Phenanthrene	**3.6**	**J**	5.0	0.44	ug/L		08/18/23 15:02	08/21/23 21:16	1
Pyrene	**6.3**		5.0	0.34	ug/L		08/18/23 15:02	08/21/23 21:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*97*		*48 - 120*	*08/18/23 15:02*	*08/21/23 21:16*	*1*
Nitrobenzene-d5 (Surr)	*89*		*46 - 120*	*08/18/23 15:02*	*08/21/23 21:16*	*1*
p-Terphenyl-d14 (Surr)	*72*		*60 - 148*	*08/18/23 15:02*	*08/21/23 21:16*	*1*

Client Sample ID: PZ-36

Date Collected: 08/16/23 13:45
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-11

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**4.0**	J	1.0	0.41	ug/L			08/22/23 14:09	1
Ethylbenzene	ND	UJ	1.0	0.74	ug/L			08/22/23 14:09	1
Toluene	ND		1.0	0.51	ug/L			08/22/23 14:09	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/22/23 14:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*08/22/23 14:09*	*1*
4-Bromofluorobenzene (Surr)	*113*		*73 - 120*		*08/22/23 14:09*	*1*
Dibromofluoromethane (Surr)	*109*		*75 - 123*		*08/22/23 14:09*	*1*
Toluene-d8 (Surr)	*90*		*80 - 120*		*08/22/23 14:09*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**2.8**	**J**	5.0	0.73	ug/L		08/18/23 15:02	08/21/23 21:43	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/18/23 15:02	08/21/23 21:43	1
Acenaphthene	**19**		5.0	0.41	ug/L		08/18/23 15:02	08/21/23 21:43	1
Acenaphthylene	**7.6**		5.0	0.38	ug/L		08/18/23 15:02	08/21/23 21:43	1
Anthracene	**0.58**	**J**	5.0	0.28	ug/L		08/18/23 15:02	08/21/23 21:43	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/18/23 15:02	08/21/23 21:43	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 21:43	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/21/23 21:43	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/18/23 15:02	08/21/23 21:43	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/21/23 21:43	1
Chrysene	ND		5.0	0.33	ug/L		08/18/23 15:02	08/21/23 21:43	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/18/23 15:02	08/21/23 21:43	1
Fluoranthene	**2.8**	**J**	5.0	0.40	ug/L		08/18/23 15:02	08/21/23 21:43	1
Fluorene	**2.0**	**J**	5.0	0.36	ug/L		08/18/23 15:02	08/21/23 21:43	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 21:43	1
Naphthalene	ND		5.0	0.76	ug/L		08/18/23 15:02	08/21/23 21:43	1
Phenanthrene	**1.1**	**J**	5.0	0.44	ug/L		08/18/23 15:02	08/21/23 21:43	1
Pyrene	**3.6**	**J**	5.0	0.34	ug/L		08/18/23 15:02	08/21/23 21:43	1

Client Sample ID: PZ-36

Date Collected: 08/16/23 13:45
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-11

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	*93*		*48 - 120*	*08/18/23 15:02*	*08/21/23 21:43*	*1*
Nitrobenzene-d5 (Surr)	*83*		*46 - 120*	*08/18/23 15:02*	*08/21/23 21:43*	*1*
p-Terphenyl-d14 (Surr)	*62*		*60 - 148*	*08/18/23 15:02*	*08/21/23 21:43*	*1*

Client Sample ID: MW-1809

Date Collected: 08/16/23 13:00
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-12

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			08/21/23 15:31	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/21/23 15:31	1
Toluene	ND		1.0	0.51	ug/L			08/21/23 15:31	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/21/23 15:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*		*08/21/23 15:31*	*1*
4-Bromofluorobenzene (Surr)	*115*		*73 - 120*		*08/21/23 15:31*	*1*
Dibromofluoromethane (Surr)	*111*		*75 - 123*		*08/21/23 15:31*	*1*
Toluene-d8 (Surr)	*90*		*80 - 120*		*08/21/23 15:31*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/21/23 22:10	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/18/23 15:02	08/21/23 22:10	1
Acenaphthene	ND		5.0	0.41	ug/L		08/18/23 15:02	08/21/23 22:10	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/18/23 15:02	08/21/23 22:10	1
Anthracene	ND		5.0	0.28	ug/L		08/18/23 15:02	08/21/23 22:10	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/18/23 15:02	08/21/23 22:10	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 22:10	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/21/23 22:10	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/18/23 15:02	08/21/23 22:10	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/21/23 22:10	1
Chrysene	ND		5.0	0.33	ug/L		08/18/23 15:02	08/21/23 22:10	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/18/23 15:02	08/21/23 22:10	1
Fluoranthene	ND		5.0	0.40	ug/L		08/18/23 15:02	08/21/23 22:10	1
Fluorene	ND		5.0	0.36	ug/L		08/18/23 15:02	08/21/23 22:10	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 22:10	1
Naphthalene	ND		5.0	0.76	ug/L		08/18/23 15:02	08/21/23 22:10	1
Phenanthrene	ND		5.0	0.44	ug/L		08/18/23 15:02	08/21/23 22:10	1
Pyrene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/21/23 22:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	*94*		*48 - 120*	*08/18/23 15:02*	*08/21/23 22:10*	*1*
Nitrobenzene-d5 (Surr)	*86*		*46 - 120*	*08/18/23 15:02*	*08/21/23 22:10*	*1*
p-Terphenyl-d14 (Surr)	*69*		*60 - 148*	*08/18/23 15:02*	*08/21/23 22:10*	*1*

Client Sample ID: PZ-13

Date Collected: 08/16/23 14:10
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-13
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			08/21/23 15:53	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/21/23 15:53	1
Toluene	ND		1.0	0.51	ug/L			08/21/23 15:53	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/21/23 15:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*08/21/23 15:53*	*1*
4-Bromofluorobenzene (Surr)	*116*		*73 - 120*		*08/21/23 15:53*	*1*
Dibromofluoromethane (Surr)	*112*		*75 - 123*		*08/21/23 15:53*	*1*
Toluene-d8 (Surr)	*90*		*80 - 120*		*08/21/23 15:53*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/21/23 22:37	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/18/23 15:02	08/21/23 22:37	1
Acenaphthene	ND		5.0	0.41	ug/L		08/18/23 15:02	08/21/23 22:37	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/18/23 15:02	08/21/23 22:37	1
Anthracene	ND		5.0	0.28	ug/L		08/18/23 15:02	08/21/23 22:37	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/18/23 15:02	08/21/23 22:37	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 22:37	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/21/23 22:37	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/18/23 15:02	08/21/23 22:37	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/21/23 22:37	1
Chrysene	ND		5.0	0.33	ug/L		08/18/23 15:02	08/21/23 22:37	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/18/23 15:02	08/21/23 22:37	1
Fluoranthene	ND		5.0	0.40	ug/L		08/18/23 15:02	08/21/23 22:37	1
Fluorene	ND		5.0	0.36	ug/L		08/18/23 15:02	08/21/23 22:37	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 22:37	1
Naphthalene	ND		5.0	0.76	ug/L		08/18/23 15:02	08/21/23 22:37	1
Phenanthrene	ND		5.0	0.44	ug/L		08/18/23 15:02	08/21/23 22:37	1
Pyrene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/21/23 22:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*101*		*48 - 120*	*08/18/23 15:02*	*08/21/23 22:37*	*1*
Nitrobenzene-d5 (Surr)	*91*		*46 - 120*	*08/18/23 15:02*	*08/21/23 22:37*	*1*
p-Terphenyl-d14 (Surr)	*65*		*60 - 148*	*08/18/23 15:02*	*08/21/23 22:37*	*1*

Client Sample ID: PZ-17

Date Collected: 08/16/23 14:50
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-14
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			08/21/23 16:15	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/21/23 16:15	1
Toluene	ND		1.0	0.51	ug/L			08/21/23 16:15	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/21/23 16:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*08/21/23 16:15*	*1*
4-Bromofluorobenzene (Surr)	*114*		*73 - 120*		*08/21/23 16:15*	*1*

Client Sample ID: PZ-17

Date Collected: 08/16/23 14:50
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-14

Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*111*		*75 - 123*		*08/21/23 16:15*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*08/21/23 16:15*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/21/23 23:04	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/18/23 15:02	08/21/23 23:04	1
Acenaphthene	ND		5.0	0.41	ug/L		08/18/23 15:02	08/21/23 23:04	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/18/23 15:02	08/21/23 23:04	1
Anthracene	ND		5.0	0.28	ug/L		08/18/23 15:02	08/21/23 23:04	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/18/23 15:02	08/21/23 23:04	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 23:04	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/21/23 23:04	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/18/23 15:02	08/21/23 23:04	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/21/23 23:04	1
Chrysene	ND		5.0	0.33	ug/L		08/18/23 15:02	08/21/23 23:04	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/18/23 15:02	08/21/23 23:04	1
Fluoranthene	ND		5.0	0.40	ug/L		08/18/23 15:02	08/21/23 23:04	1
Fluorene	ND		5.0	0.36	ug/L		08/18/23 15:02	08/21/23 23:04	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 23:04	1
Naphthalene	ND		5.0	0.76	ug/L		08/18/23 15:02	08/21/23 23:04	1
Phenanthrene	ND		5.0	0.44	ug/L		08/18/23 15:02	08/21/23 23:04	1
Pyrene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/21/23 23:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*97*		*48 - 120*	*08/18/23 15:02*	*08/21/23 23:04*	*1*
Nitrobenzene-d5 (Surr)	*85*		*46 - 120*	*08/18/23 15:02*	*08/21/23 23:04*	*1*
p-Terphenyl-d14 (Surr)	*60*		*60 - 148*	*08/18/23 15:02*	*08/21/23 23:04*	*1*

Client Sample ID: PZ-19

Date Collected: 08/16/23 15:20
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-15

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			08/21/23 16:37	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/21/23 16:37	1
Toluene	ND		1.0	0.51	ug/L			08/21/23 16:37	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/21/23 16:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*08/21/23 16:37*	*1*
4-Bromofluorobenzene (Surr)	*114*		*73 - 120*		*08/21/23 16:37*	*1*
Dibromofluoromethane (Surr)	*110*		*75 - 123*		*08/21/23 16:37*	*1*
Toluene-d8 (Surr)	*89*		*80 - 120*		*08/21/23 16:37*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/21/23 23:31	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/18/23 15:02	08/21/23 23:31	1

Client Sample ID: PZ-19

Date Collected: 08/16/23 15:20
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-15

Matrix: Water

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0	0.41	ug/L		08/18/23 15:02	08/21/23 23:31	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/18/23 15:02	08/21/23 23:31	1
Anthracene	ND		5.0	0.28	ug/L		08/18/23 15:02	08/21/23 23:31	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/18/23 15:02	08/21/23 23:31	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 23:31	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/21/23 23:31	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/18/23 15:02	08/21/23 23:31	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/21/23 23:31	1
Chrysene	ND		5.0	0.33	ug/L		08/18/23 15:02	08/21/23 23:31	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/18/23 15:02	08/21/23 23:31	1
Fluoranthene	ND		5.0	0.40	ug/L		08/18/23 15:02	08/21/23 23:31	1
Fluorene	ND		5.0	0.36	ug/L		08/18/23 15:02	08/21/23 23:31	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 23:31	1
Naphthalene	ND		5.0	0.76	ug/L		08/18/23 15:02	08/21/23 23:31	1
Phenanthrene	ND		5.0	0.44	ug/L		08/18/23 15:02	08/21/23 23:31	1
Pyrene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/21/23 23:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*102*		*48 - 120*	*08/18/23 15:02*	*08/21/23 23:31*	*1*
Nitrobenzene-d5 (Surr)	*92*		*46 - 120*	*08/18/23 15:02*	*08/21/23 23:31*	*1*
p-Terphenyl-d14 (Surr)	*63*		*60 - 148*	*08/18/23 15:02*	*08/21/23 23:31*	*1*

Client Sample ID: MW-1801

Date Collected: 08/17/23 08:35
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-16

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**45**	J	5.0	2.1	ug/L			08/22/23 14:31	5
Ethylbenzene	**170**	J	5.0	3.7	ug/L			08/22/23 14:31	5
Toluene	**4.7**	**J**	5.0	2.6	ug/L			08/22/23 14:31	5
Xylenes, Total	**78**	J	10	3.3	ug/L			08/22/23 14:31	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*		*08/22/23 14:31*	*5*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*		*08/22/23 14:31*	*5*
Dibromofluoromethane (Surr)	*109*		*75 - 123*		*08/22/23 14:31*	*5*
Toluene-d8 (Surr)	*90*		*80 - 120*		*08/22/23 14:31*	*5*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**160**	**E**	5.0	0.73	ug/L		08/18/23 15:02	08/21/23 23:57	1
2-Methylnaphthalene	**6.1**		5.0	0.60	ug/L		08/18/23 15:02	08/21/23 23:57	1
Acenaphthene	**87**	**E**	5.0	0.41	ug/L		08/18/23 15:02	08/21/23 23:57	1
Acenaphthylene	**7.5**		5.0	0.38	ug/L		08/18/23 15:02	08/21/23 23:57	1
Anthracene	**12**		5.0	0.28	ug/L		08/18/23 15:02	08/21/23 23:57	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/18/23 15:02	08/21/23 23:57	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 23:57	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/21/23 23:57	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/18/23 15:02	08/21/23 23:57	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/21/23 23:57	1

Client Sample ID: MW-1801

Date Collected: 08/17/23 08:35
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-16

Matrix: Water

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		08/18/23 15:02	08/21/23 23:57	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/18/23 15:02	08/21/23 23:57	1
Fluoranthene	**4.9**	**J**	5.0	0.40	ug/L		08/18/23 15:02	08/21/23 23:57	1
Fluorene	**36**		5.0	0.36	ug/L		08/18/23 15:02	08/21/23 23:57	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/21/23 23:57	1
Naphthalene	**160**	**E**	5.0	0.76	ug/L		08/18/23 15:02	08/21/23 23:57	1
Phenanthrene	**54**		5.0	0.44	ug/L		08/18/23 15:02	08/21/23 23:57	1
Pyrene	**6.4**		5.0	0.34	ug/L		08/18/23 15:02	08/21/23 23:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*92*		*48 - 120*	*08/18/23 15:02*	*08/21/23 23:57*	*1*
Nitrobenzene-d5 (Surr)	*85*		*46 - 120*	*08/18/23 15:02*	*08/21/23 23:57*	*1*
p-Terphenyl-d14 (Surr)	*51*	*S1-*	*60 - 148*	*08/18/23 15:02*	*08/21/23 23:57*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**180**	D	50	7.3	ug/L		08/18/23 15:02	08/22/23 19:06	10
2-Methylnaphthalene	ND		50	6.0	ug/L		08/18/23 15:02	08/22/23 19:06	10
Acenaphthene	**89**	D	50	4.1	ug/L		08/18/23 15:02	08/22/23 19:06	10
Acenaphthylene	**6.9**	**J**	50	3.8	ug/L		08/18/23 15:02	08/22/23 19:06	10
Anthracene	**13**	**J**	50	2.8	ug/L		08/18/23 15:02	08/22/23 19:06	10
Benzo[a]anthracene	ND		50	3.6	ug/L		08/18/23 15:02	08/22/23 19:06	10
Benzo[a]pyrene	ND		50	4.7	ug/L		08/18/23 15:02	08/22/23 19:06	10
Benzo[b]fluoranthene	ND		50	3.4	ug/L		08/18/23 15:02	08/22/23 19:06	10
Benzo[g,h,i]perylene	ND		50	3.5	ug/L		08/18/23 15:02	08/22/23 19:06	10
Benzo[k]fluoranthene	ND		50	7.3	ug/L		08/18/23 15:02	08/22/23 19:06	10
Chrysene	ND		50	3.3	ug/L		08/18/23 15:02	08/22/23 19:06	10
Dibenz(a,h)anthracene	ND		50	4.2	ug/L		08/18/23 15:02	08/22/23 19:06	10
Fluoranthene	**4.4**	**J**	50	4.0	ug/L		08/18/23 15:02	08/22/23 19:06	10
Fluorene	**37**	**J**	50	3.6	ug/L		08/18/23 15:02	08/22/23 19:06	10
Indeno[1,2,3-cd]pyrene	ND		50	4.7	ug/L		08/18/23 15:02	08/22/23 19:06	10
Naphthalene	**200**	D	50	7.6	ug/L		08/18/23 15:02	08/22/23 19:06	10
Phenanthrene	**53**		50	4.4	ug/L		08/18/23 15:02	08/22/23 19:06	10
Pyrene	**6.1**	**J**	50	3.4	ug/L		08/18/23 15:02	08/22/23 19:06	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*78*		*48 - 120*	*08/18/23 15:02*	*08/22/23 19:06*	*10*
Nitrobenzene-d5 (Surr)	*83*		*46 - 120*	*08/18/23 15:02*	*08/22/23 19:06*	*10*
p-Terphenyl-d14 (Surr)	*39*	*S1-*	*60 - 148*	*08/18/23 15:02*	*08/22/23 19:06*	*10*

Client Sample ID: MW-045

Date Collected: 08/17/23 09:35
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-17

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**42**		2.0	0.82	ug/L			08/21/23 17:21	2
Ethylbenzene	**120**		2.0	1.5	ug/L			08/21/23 17:21	2
Toluene	**4.5**		2.0	1.0	ug/L			08/21/23 17:21	2
Xylenes, Total	**49**		4.0	1.3	ug/L			08/21/23 17:21	2

Client Sample ID: MW-045

Date Collected: 08/17/23 09:35
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-17

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		77 - 120		08/21/23 17:21	2
4-Bromofluorobenzene (Surr)	111		73 - 120		08/21/23 17:21	2
Dibromofluoromethane (Surr)	113		75 - 123		08/21/23 17:21	2
Toluene-d8 (Surr)	90		80 - 120		08/21/23 17:21	2

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	210	E	5.0	0.73	ug/L		08/18/23 15:02	08/22/23 00:24	1
2-Methylnaphthalene	16		5.0	0.60	ug/L		08/18/23 15:02	08/22/23 00:24	1
Acenaphthene	150	E	5.0	0.41	ug/L		08/18/23 15:02	08/22/23 00:24	1
Acenaphthylene	7.6		5.0	0.38	ug/L		08/18/23 15:02	08/22/23 00:24	1
Anthracene	16		5.0	0.28	ug/L		08/18/23 15:02	08/22/23 00:24	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/18/23 15:02	08/22/23 00:24	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/22/23 00:24	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/22/23 00:24	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/18/23 15:02	08/22/23 00:24	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/22/23 00:24	1
Chrysene	ND		5.0	0.33	ug/L		08/18/23 15:02	08/22/23 00:24	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/18/23 15:02	08/22/23 00:24	1
Fluoranthene	5.8		5.0	0.40	ug/L		08/18/23 15:02	08/22/23 00:24	1
Fluorene	64		5.0	0.36	ug/L		08/18/23 15:02	08/22/23 00:24	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/22/23 00:24	1
Naphthalene	140	E	5.0	0.76	ug/L		08/18/23 15:02	08/22/23 00:24	1
Phenanthrene	76	E	5.0	0.44	ug/L		08/18/23 15:02	08/22/23 00:24	1
Pyrene	6.8		5.0	0.34	ug/L		08/18/23 15:02	08/22/23 00:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	89		48 - 120	08/18/23 15:02	08/22/23 00:24	1
Nitrobenzene-d5 (Surr)	81		46 - 120	08/18/23 15:02	08/22/23 00:24	1
p-Terphenyl-d14 (Surr)	56	S1-	60 - 148	08/18/23 15:02	08/22/23 00:24	1

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	260	D	50	7.3	ug/L		08/18/23 15:02	08/22/23 19:33	10
2-Methylnaphthalene	14	J	50	6.0	ug/L		08/18/23 15:02	08/22/23 19:33	10
Acenaphthene	180	D	50	4.1	ug/L		08/18/23 15:02	08/22/23 19:33	10
Acenaphthylene	7.1	J	50	3.8	ug/L		08/18/23 15:02	08/22/23 19:33	10
Anthracene	24	J	50	2.8	ug/L		08/18/23 15:02	08/22/23 19:33	10
Benzo[a]anthracene	ND		50	3.6	ug/L		08/18/23 15:02	08/22/23 19:33	10
Benzo[a]pyrene	ND		50	4.7	ug/L		08/18/23 15:02	08/22/23 19:33	10
Benzo[b]fluoranthene	ND		50	3.4	ug/L		08/18/23 15:02	08/22/23 19:33	10
Benzo[g,h,i]perylene	ND		50	3.5	ug/L		08/18/23 15:02	08/22/23 19:33	10
Benzo[k]fluoranthene	ND		50	7.3	ug/L		08/18/23 15:02	08/22/23 19:33	10
Chrysene	ND		50	3.3	ug/L		08/18/23 15:02	08/22/23 19:33	10
Dibenz(a,h)anthracene	ND		50	4.2	ug/L		08/18/23 15:02	08/22/23 19:33	10
Fluoranthene	5.4	J	50	4.0	ug/L		08/18/23 15:02	08/22/23 19:33	10
Fluorene	69		50	3.6	ug/L		08/18/23 15:02	08/22/23 19:33	10
Indeno[1,2,3-cd]pyrene	ND		50	4.7	ug/L		08/18/23 15:02	08/22/23 19:33	10
Naphthalene	180	D	50	7.6	ug/L		08/18/23 15:02	08/22/23 19:33	10
Phenanthrene	79	D	50	4.4	ug/L		08/18/23 15:02	08/22/23 19:33	10
Pyrene	6.2	J	50	3.4	ug/L		08/18/23 15:02	08/22/23 19:33	10

Client Sample ID: MW-045

Date Collected: 08/17/23 09:35
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-17

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	75		48 - 120	08/18/23 15:02	08/22/23 19:33	10
Nitrobenzene-d5 (Surr)	82		46 - 120	08/18/23 15:02	08/22/23 19:33	10
p-Terphenyl-d14 (Surr)	45	S1-	60 - 148	08/18/23 15:02	08/22/23 19:33	10

Client Sample ID: MW-1808

Date Collected: 08/17/23 10:30
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-18

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**4.5**	**J**	5.0	2.1	ug/L			08/21/23 17:43	5
Ethylbenzene	**5.9**		5.0	3.7	ug/L			08/21/23 17:43	5
Toluene	ND		5.0	2.6	ug/L			08/21/23 17:43	5
Xylenes, Total	ND		10	3.3	ug/L			08/21/23 17:43	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		08/21/23 17:43	5
4-Bromofluorobenzene (Surr)	102		73 - 120		08/21/23 17:43	5
Dibromofluoromethane (Surr)	101		75 - 123		08/21/23 17:43	5
Toluene-d8 (Surr)	86		80 - 120		08/21/23 17:43	5

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
~~**1-Methylnaphthalene**~~	~~**110**~~	~~**E**~~	~~5.0~~	~~0.73~~	~~ug/L~~		~~08/18/23 15:02~~	~~08/22/23 00:51~~	~~1~~
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/18/23 15:02	08/22/23 00:51	1
Acenaphthene	**59**		5.0	0.41	ug/L		08/18/23 15:02	08/22/23 00:51	1
Acenaphthylene	**7.9**		5.0	0.38	ug/L		08/18/23 15:02	08/22/23 00:51	1
Anthracene	**2.9**	**J**	5.0	0.28	ug/L		08/18/23 15:02	08/22/23 00:51	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/18/23 15:02	08/22/23 00:51	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/22/23 00:51	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/22/23 00:51	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/18/23 15:02	08/22/23 00:51	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/22/23 00:51	1
Chrysene	ND		5.0	0.33	ug/L		08/18/23 15:02	08/22/23 00:51	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/18/23 15:02	08/22/23 00:51	1
Fluoranthene	**1.7**	**J**	5.0	0.40	ug/L		08/18/23 15:02	08/22/23 00:51	1
Fluorene	**23**		5.0	0.36	ug/L		08/18/23 15:02	08/22/23 00:51	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/22/23 00:51	1
Naphthalene	**2.4**	**J**	5.0	0.76	ug/L		08/18/23 15:02	08/22/23 00:51	1
Phenanthrene	**27**		5.0	0.44	ug/L		08/18/23 15:02	08/22/23 00:51	1
Pyrene	**2.1**	**J**	5.0	0.34	ug/L		08/18/23 15:02	08/22/23 00:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	96		48 - 120	08/18/23 15:02	08/22/23 00:51	1
Nitrobenzene-d5 (Surr)	89		46 - 120	08/18/23 15:02	08/22/23 00:51	1
p-Terphenyl-d14 (Surr)	55	S1-	60 - 148	08/18/23 15:02	08/22/23 00:51	1

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**110**	D	25	3.7	ug/L		08/18/23 15:02	08/22/23 20:00	5
~~2-Methylnaphthalene~~	~~ND~~		~~25~~	~~3.0~~	~~ug/L~~		~~08/18/23 15:02~~	~~08/22/23 20:00~~	~~5~~

Client Sample ID: MW-1808

Date Collected: 08/17/23 10:30
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-18

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	53		25	2.1	ug/L		08/18/23 15:02	08/22/23 20:00	5
Acenaphthylene	6.6	J	25	1.9	ug/L		08/18/23 15:02	08/22/23 20:00	5
Anthracene	4.4	J	25	1.4	ug/L		08/18/23 15:02	08/22/23 20:00	5
Benzo[a]anthracene	ND		25	1.8	ug/L		08/18/23 15:02	08/22/23 20:00	5
Benzo[a]pyrene	ND		25	2.4	ug/L		08/18/23 15:02	08/22/23 20:00	5
Benzo[b]fluoranthene	ND		25	1.7	ug/L		08/18/23 15:02	08/22/23 20:00	5
Benzo[g,h,i]perylene	ND		25	1.8	ug/L		08/18/23 15:02	08/22/23 20:00	5
Benzo[k]fluoranthene	ND		25	3.7	ug/L		08/18/23 15:02	08/22/23 20:00	5
Chrysene	ND		25	1.7	ug/L		08/18/23 15:02	08/22/23 20:00	5
Dibenz(a,h)anthracene	ND		25	2.1	ug/L		08/18/23 15:02	08/22/23 20:00	5
Fluoranthene	ND		25	2.0	ug/L		08/18/23 15:02	08/22/23 20:00	5
Fluorene	21	J	25	1.8	ug/L		08/18/23 15:02	08/22/23 20:00	5
Indeno[1,2,3-cd]pyrene	ND		25	2.4	ug/L		08/18/23 15:02	08/22/23 20:00	5
Naphthalene	ND		25	3.8	ug/L		08/18/23 15:02	08/22/23 20:00	5
Phenanthrene	22	J	25	2.2	ug/L		08/18/23 15:02	08/22/23 20:00	5
Pyrene	2.0	J	25	1.7	ug/L		08/18/23 15:02	08/22/23 20:00	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*78*		*48 - 120*	*08/18/23 15:02*	*08/22/23 20:00*	*5*
Nitrobenzene-d5 (Surr)	*79*		*46 - 120*	*08/18/23 15:02*	*08/22/23 20:00*	*5*
p-Terphenyl-d14 (Surr)	*41*	*S1-*	*60 - 148*	*08/18/23 15:02*	*08/22/23 20:00*	*5*

Client Sample ID: MW-1802

Date Collected: 08/17/23 11:35
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-19

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	UJ	10	4.1	ug/L			08/22/23 14:53	10
Ethylbenzene	210	F1 J	10	7.4	ug/L			08/22/23 14:53	10
Toluene	ND	UJ	10	5.1	ug/L			08/22/23 14:53	10
Xylenes, Total	120	J	20	6.6	ug/L			08/22/23 14:53	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*		*08/22/23 14:53*	*10*
4-Bromofluorobenzene (Surr)	*110*		*73 - 120*		*08/22/23 14:53*	*10*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*08/22/23 14:53*	*10*
Toluene-d8 (Surr)	*89*		*80 - 120*		*08/22/23 14:53*	*10*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	140	E	5.0	0.73	ug/L		08/18/23 15:02	08/22/23 01:18	1
2-Methylnaphthalene	43		5.0	0.60	ug/L		08/18/23 15:02	08/22/23 01:18	1
Acenaphthene	97	E	5.0	0.41	ug/L		08/18/23 15:02	08/22/23 01:18	1
Acenaphthylene	4.5	J	5.0	0.38	ug/L		08/18/23 15:02	08/22/23 01:18	1
Anthracene	7.7		5.0	0.28	ug/L		08/18/23 15:02	08/22/23 01:18	1
Benzo[a]anthracene	0.89	J	5.0	0.36	ug/L		08/18/23 15:02	08/22/23 01:18	1
Benzo[a]pyrene	0.51	J	5.0	0.47	ug/L		08/18/23 15:02	08/22/23 01:18	1
Benzo[b]fluoranthene	0.37	J	5.0	0.34	ug/L		08/18/23 15:02	08/22/23 01:18	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/18/23 15:02	08/22/23 01:18	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/22/23 01:18	1

Client Sample ID: MW-1802

Date Collected: 08/17/23 11:35
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-19

Matrix: Water

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	0.84	J	5.0	0.33	ug/L		08/18/23 15:02	08/22/23 01:18	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/18/23 15:02	08/22/23 01:18	1
Fluoranthene	5.5		5.0	0.40	ug/L		08/18/23 15:02	08/22/23 01:18	1
Fluorene	30		5.0	0.36	ug/L		08/18/23 15:02	08/22/23 01:18	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/22/23 01:18	1
Naphthalene	530	E	5.0	0.76	ug/L		08/18/23 15:02	08/22/23 01:18	1
Phenanthrene	33		5.0	0.44	ug/L		08/18/23 15:02	08/22/23 01:18	1
Pyrene	7.4		5.0	0.34	ug/L		08/18/23 15:02	08/22/23 01:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*90*		*48 - 120*	*08/18/23 15:02*	*08/22/23 01:18*	*1*
Nitrobenzene-d5 (Surr)	*108*		*46 - 120*	*08/18/23 15:02*	*08/22/23 01:18*	*1*
p-Terphenyl-d14 (Surr)	*43*	*S1-*	*60 - 148*	*08/18/23 15:02*	*08/22/23 01:18*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	140	J DJ	250	37	ug/L		08/18/23 15:02	08/23/23 19:47	50
2-Methylnaphthalene	34	J	250	30	ug/L		08/18/23 15:02	08/23/23 19:47	50
Acenaphthene	120	J	250	21	ug/L		08/18/23 15:02	08/23/23 19:47	50
Acenaphthylene	ND		250	19	ug/L		08/18/23 15:02	08/23/23 19:47	50
Anthracene	15	J DJ	250	14	ug/L		08/18/23 15:02	08/23/23 19:47	50
Benzo[a]anthracene	ND		250	18	ug/L		08/18/23 15:02	08/23/23 19:47	50
Benzo[a]pyrene	ND		250	24	ug/L		08/18/23 15:02	08/23/23 19:47	50
Benzo[b]fluoranthene	ND		250	17	ug/L		08/18/23 15:02	08/23/23 19:47	50
Benzo[g,h,i]perylene	ND		250	18	ug/L		08/18/23 15:02	08/23/23 19:47	50
Benzo[k]fluoranthene	ND		250	37	ug/L		08/18/23 15:02	08/23/23 19:47	50
Chrysene	ND		250	17	ug/L		08/18/23 15:02	08/23/23 19:47	50
Dibenz(a,h)anthracene	ND		250	21	ug/L		08/18/23 15:02	08/23/23 19:47	50
Fluoranthene	ND		250	20	ug/L		08/18/23 15:02	08/23/23 19:47	50
Fluorene	35	J	250	18	ug/L		08/18/23 15:02	08/23/23 19:47	50
Indeno[1,2,3-cd]pyrene	ND		250	24	ug/L		08/18/23 15:02	08/23/23 19:47	50
Naphthalene	1500	D	250	38	ug/L		08/18/23 15:02	08/23/23 19:47	50
Phenanthrene	35	J	250	22	ug/L		08/18/23 15:02	08/23/23 19:47	50
Pyrene	ND		250	17	ug/L		08/18/23 15:02	08/23/23 19:47	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*62*		*48 - 120*	*08/18/23 15:02*	*08/23/23 19:47*	*50*
Nitrobenzene-d5 (Surr)	*129*	*S1+*	*46 - 120*	*08/18/23 15:02*	*08/23/23 19:47*	*50*
p-Terphenyl-d14 (Surr)	*31*	*S1-*	*60 - 148*	*08/18/23 15:02*	*08/23/23 19:47*	*50*

Client Sample ID: PZ-18

Date Collected: 08/17/23 16:00
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-20

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			08/21/23 18:27	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/21/23 18:27	1
Toluene	ND		1.0	0.51	ug/L			08/21/23 18:27	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/21/23 18:27	1

Client Sample ID: PZ-18

Date Collected: 08/17/23 16:00
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-20

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*08/21/23 18:27*	*1*
4-Bromofluorobenzene (Surr)	*114*		*73 - 120*		*08/21/23 18:27*	*1*
Dibromofluoromethane (Surr)	*110*		*75 - 123*		*08/21/23 18:27*	*1*
Toluene-d8 (Surr)	*90*		*80 - 120*		*08/21/23 18:27*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/22/23 01:44	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/18/23 15:02	08/22/23 01:44	1
Acenaphthene	ND		5.0	0.41	ug/L		08/18/23 15:02	08/22/23 01:44	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/18/23 15:02	08/22/23 01:44	1
Anthracene	ND		5.0	0.28	ug/L		08/18/23 15:02	08/22/23 01:44	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/18/23 15:02	08/22/23 01:44	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/22/23 01:44	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/22/23 01:44	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/18/23 15:02	08/22/23 01:44	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/18/23 15:02	08/22/23 01:44	1
Chrysene	ND		5.0	0.33	ug/L		08/18/23 15:02	08/22/23 01:44	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/18/23 15:02	08/22/23 01:44	1
Fluoranthene	ND		5.0	0.40	ug/L		08/18/23 15:02	08/22/23 01:44	1
Fluorene	ND		5.0	0.36	ug/L		08/18/23 15:02	08/22/23 01:44	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/18/23 15:02	08/22/23 01:44	1
Naphthalene	ND		5.0	0.76	ug/L		08/18/23 15:02	08/22/23 01:44	1
Phenanthrene	ND		5.0	0.44	ug/L		08/18/23 15:02	08/22/23 01:44	1
Pyrene	ND		5.0	0.34	ug/L		08/18/23 15:02	08/22/23 01:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	*91*		*48 - 120*	*08/18/23 15:02*	*08/22/23 01:44*	*1*
Nitrobenzene-d5 (Surr)	*82*		*46 - 120*	*08/18/23 15:02*	*08/22/23 01:44*	*1*
p-Terphenyl-d14 (Surr)	*57*	*S1-*	*60 - 148*	*08/18/23 15:02*	*08/22/23 01:44*	*1*

Client Sample ID: MW-1806

Date Collected: 08/17/23 16:40
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-21

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	UJ	10	4.1	ug/L			08/22/23 15:15	10
Ethylbenzene	**19**	J	10	7.4	ug/L			08/22/23 15:15	10
Toluene	ND	UJ	10	5.1	ug/L			08/22/23 15:15	10
Xylenes, Total	**17**	~~J~~ J	20	6.6	ug/L			08/22/23 15:15	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*08/22/23 15:15*	*10*
4-Bromofluorobenzene (Surr)	*111*		*73 - 120*		*08/22/23 15:15*	*10*
Dibromofluoromethane (Surr)	*108*		*75 - 123*		*08/22/23 15:15*	*10*
Toluene-d8 (Surr)	*91*		*80 - 120*		*08/22/23 15:15*	*10*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**22**	J	25	3.7	ug/L		08/18/23 15:02	08/22/23 02:11	5

Client Sample ID: MW-1806

Lab Sample ID: 480-211970-21

Date Collected: 08/17/23 16:40
Matrix: Water
Date Received: 08/17/23 19:15

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	ND		25	3.0	ug/L		08/18/23 15:02	08/22/23 02:11	5
Acenaphthene	**41**		25	2.1	ug/L		08/18/23 15:02	08/22/23 02:11	5
Acenaphthylene	**4.9**	**J**	25	1.9	ug/L		08/18/23 15:02	08/22/23 02:11	5
Anthracene	**4.4**	**J**	25	1.4	ug/L		08/18/23 15:02	08/22/23 02:11	5
Benzo[a]anthracene	**3.4**	**J**	25	1.8	ug/L		08/18/23 15:02	08/22/23 02:11	5
Benzo[a]pyrene	**3.8**	**J**	25	2.4	ug/L		08/18/23 15:02	08/22/23 02:11	5
Benzo[b]fluoranthene	**2.5**	**J**	25	1.7	ug/L		08/18/23 15:02	08/22/23 02:11	5
Benzo[g,h,i]perylene	ND		25	1.8	ug/L		08/18/23 15:02	08/22/23 02:11	5
Benzo[k]fluoranthene	ND		25	3.7	ug/L		08/18/23 15:02	08/22/23 02:11	5
Chrysene	**2.1**	**J**	25	1.7	ug/L		08/18/23 15:02	08/22/23 02:11	5
Dibenz(a,h)anthracene	ND		25	2.1	ug/L		08/18/23 15:02	08/22/23 02:11	5
Fluoranthene	**9.4**	**J**	25	2.0	ug/L		08/18/23 15:02	08/22/23 02:11	5
Fluorene	**11**	**J**	25	1.8	ug/L		08/18/23 15:02	08/22/23 02:11	5
Indeno[1,2,3-cd]pyrene	ND		25	2.4	ug/L		08/18/23 15:02	08/22/23 02:11	5
Naphthalene	**47**		25	3.8	ug/L		08/18/23 15:02	08/22/23 02:11	5
Phenanthrene	**8.5**	**J**	25	2.2	ug/L		08/18/23 15:02	08/22/23 02:11	5
Pyrene	**13**	**J**	25	1.7	ug/L		08/18/23 15:02	08/22/23 02:11	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*88*		*48 - 120*	*08/18/23 15:02*	*08/22/23 02:11*	*5*
Nitrobenzene-d5 (Surr)	*77*		*46 - 120*	*08/18/23 15:02*	*08/22/23 02:11*	*5*
p-Terphenyl-d14 (Surr)	*48*	*S1-*	*60 - 148*	*08/18/23 15:02*	*08/22/23 02:11*	*5*

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-211970-22

Date Collected: 08/15/23 00:00
Matrix: Water
Date Received: 08/17/23 19:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			08/18/23 23:19	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/18/23 23:19	1
Toluene	ND		1.0	0.51	ug/L			08/18/23 23:19	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/18/23 23:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*08/18/23 23:19*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*08/18/23 23:19*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 123*		*08/18/23 23:19*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*08/18/23 23:19*	*1*

Client Sample ID: MW-1803

Lab Sample ID: 480-211970-23

Date Collected: 08/15/23 00:00
Matrix: Water
Date Received: 08/17/23 19:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		10	4.1	ug/L			08/18/23 23:40	10
Ethylbenzene	**81**		10	7.4	ug/L			08/18/23 23:40	10
Toluene	ND		10	5.1	ug/L			08/18/23 23:40	10
Xylenes, Total	**50**		20	6.6	ug/L			08/18/23 23:40	10

Client Sample ID: MW-1803

Date Collected: 08/15/23 00:00
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-23

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		08/18/23 23:40	10
4-Bromofluorobenzene (Surr)	99		73 - 120		08/18/23 23:40	10
Dibromofluoromethane (Surr)	102		75 - 123		08/18/23 23:40	10
Toluene-d8 (Surr)	96		80 - 120		08/18/23 23:40	10

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**380**	J	50	7.3	ug/L		08/21/23 08:57	09/01/23 17:55	10
2-Methylnaphthalene	ND		50	6.0	ug/L		08/21/23 08:57	09/01/23 17:55	10
Acenaphthene	**200**		50	4.1	ug/L		08/21/23 08:57	09/01/23 17:55	10
Acenaphthylene	**28**	J	50	3.8	ug/L		08/21/23 08:57	09/01/23 17:55	10
Anthracene	**12**	J	50	2.8	ug/L		08/21/23 08:57	09/01/23 17:55	10
Benzo[a]anthracene	ND		50	3.6	ug/L		08/21/23 08:57	09/01/23 17:55	10
Benzo[a]pyrene	ND		50	4.7	ug/L		08/21/23 08:57	09/01/23 17:55	10
Benzo[b]fluoranthene	ND		50	3.4	ug/L		08/21/23 08:57	09/01/23 17:55	10
Benzo[g,h,i]perylene	ND		50	3.5	ug/L		08/21/23 08:57	09/01/23 17:55	10
Benzo[k]fluoranthene	ND		50	7.3	ug/L		08/21/23 08:57	09/01/23 17:55	10
Chrysene	ND		50	3.3	ug/L		08/21/23 08:57	09/01/23 17:55	10
Dibenz(a,h)anthracene	ND		50	4.2	ug/L		08/21/23 08:57	09/01/23 17:55	10
Fluoranthene	**5.2**	J	50	4.0	ug/L		08/21/23 08:57	09/01/23 17:55	10
Fluorene	**66**		50	3.6	ug/L		08/21/23 08:57	09/01/23 17:55	10
Indeno[1,2,3-cd]pyrene	ND		50	4.7	ug/L		08/21/23 08:57	09/01/23 17:55	10
Naphthalene	**20**	J	50	7.6	ug/L		08/21/23 08:57	09/01/23 17:55	10
Phenanthrene	**51**	J	50	4.4	ug/L		08/21/23 08:57	09/01/23 17:55	10
Pyrene	**6.0**	J	50	3.4	ug/L		08/21/23 08:57	09/01/23 17:55	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	90		48 - 120	08/21/23 08:57	09/01/23 17:55	10
Nitrobenzene-d5 (Surr)	70		46 - 120	08/21/23 08:57	09/01/23 17:55	10
p-Terphenyl-d14 (Surr)	52	S1-	60 - 148	08/21/23 08:57	09/01/23 17:55	10

Client Sample ID: MW-1804

Date Collected: 08/15/23 12:04
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-24

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			08/19/23 00:02	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/19/23 00:02	1
Toluene	ND		1.0	0.51	ug/L			08/19/23 00:02	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/19/23 00:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		77 - 120		08/19/23 00:02	1
4-Bromofluorobenzene (Surr)	100		73 - 120		08/19/23 00:02	1
Dibromofluoromethane (Surr)	99		75 - 123		08/19/23 00:02	1
Toluene-d8 (Surr)	96		80 - 120		08/19/23 00:02	1

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		5.0	0.73	ug/L		08/21/23 08:57	08/22/23 23:37	1

Client Sample ID: MW-1804

Date Collected: 08/15/23 12:04
Date Received: 08/17/23 19:15

Lab Sample ID: 480-211970-24

Matrix: Water

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	ND	*3 *+	5.0	0.60	ug/L		08/21/23 08:57	08/22/23 23:37	1
Acenaphthene	ND	*3	5.0	0.41	ug/L		08/21/23 08:57	08/22/23 23:37	1
Acenaphthylene	ND	*3	5.0	0.38	ug/L		08/21/23 08:57	08/22/23 23:37	1
Anthracene	ND	*3 *+	5.0	0.28	ug/L		08/21/23 08:57	08/22/23 23:37	1
Benzo[a]anthracene	ND	*3	5.0	0.36	ug/L		08/21/23 08:57	08/22/23 23:37	1
Benzo[a]pyrene	ND	*3	5.0	0.47	ug/L		08/21/23 08:57	08/22/23 23:37	1
Benzo[b]fluoranthene	ND	*3	5.0	0.34	ug/L		08/21/23 08:57	08/22/23 23:37	1
Benzo[g,h,i]perylene	ND	*3	5.0	0.35	ug/L		08/21/23 08:57	08/22/23 23:37	1
Benzo[k]fluoranthene	ND	*3	5.0	0.73	ug/L		08/21/23 08:57	08/22/23 23:37	1
Chrysene	ND	*3	5.0	0.33	ug/L		08/21/23 08:57	08/22/23 23:37	1
Dibenz(a,h)anthracene	ND	*3	5.0	0.42	ug/L		08/21/23 08:57	08/22/23 23:37	1
Fluoranthene	ND	*3 *+	5.0	0.40	ug/L		08/21/23 08:57	08/22/23 23:37	1
Fluorene	ND	*3	5.0	0.36	ug/L		08/21/23 08:57	08/22/23 23:37	1
Indeno[1,2,3-cd]pyrene	ND	*3	5.0	0.47	ug/L		08/21/23 08:57	08/22/23 23:37	1
Naphthalene	ND	*3 *+	5.0	0.76	ug/L		08/21/23 08:57	08/22/23 23:37	1
Phenanthrene	ND	*3 *+	5.0	0.44	ug/L		08/21/23 08:57	08/22/23 23:37	1
Pyrene	ND	*3	5.0	0.34	ug/L		08/21/23 08:57	08/22/23 23:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*121*	*3 S1+	*48 - 120*	*08/21/23 08:57*	*08/22/23 23:37*	*1*
Nitrobenzene-d5 (Surr)	*177*	*3 S1+	*46 - 120*	*08/21/23 08:57*	*08/22/23 23:37*	*1*
p-Terphenyl-d14 (Surr)	*65*	*3	*60 - 148*	*08/21/23 08:57*	*08/22/23 23:37*	*1*

Appendix C

Site Inspection Form

Site Inspection Form

Dansville Former MGP Site
Dansville, Livingston County, New York

Date/Time: 8/10/2023 Weather: Sunny

Personnel: AJS & KCF Temperature: 78°

1. General Site Conditions:

Monitoring wells	☒ Good	☐ Poor*
Application wells	☒ Good	☐ Poor*
Performance Monitoring wells	☒ Good	☐ Poor*
NAPL Monitoring/Recovery wells	☒ Good	☐ Poor*
Cover Areas (Grass and Stone)	☒ Good	☐ Poor*
Signs of intrusive activities	☒ No	☐ Yes*
Evidence of Settlement	☒ No	☐ Yes*

Note:
-Cover area inspection is to determine if intrusive activities may have occurred since the previous site visit.

2. Site Cover Systems:

Borrowing/Depressions	☒ No	☐ Yes*
Standing Water	☒ No	☐ Yes*
Missing Stone	☒ No	☐ Yes*
Missing Vegetative Growth	☒ No	☐ Yes*
Evidence of Settlement	☒ No	☐ Yes*
Sedimentation	☒ No	☐ Yes*
Damage/Failure	☒ No	☐ Yes*

3. Notes:

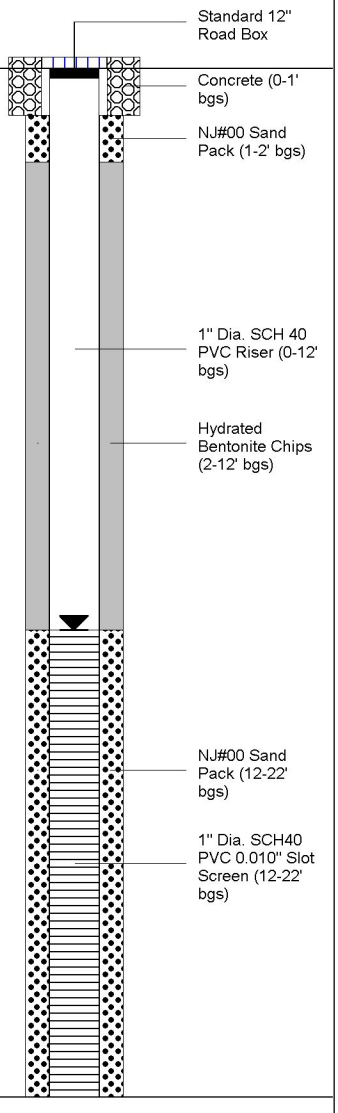
- Bolts were tapped at certain monitoring wells, bolts were added/replaced.
- Site condition good

Appendix D

PZ25R Well Construction Log

Date Start/Finish:	8/17/2023	**Northing:**	934865.3590	**Well/Boring ID:**	**PZ25R**
Drilling Company:	Parratt Wolff, Inc.	**Easting:**	1385508.4900	**Client:**	NYSEG
Driller's Name:	Mark Eaves	**Borehole Depth:**	22.0 ft bgs	**Location:**	Dansville Former Manufactured Gas Plant OU2 Dansville, NY
Drilling Method:	3.25" ID Hollow Stem Auger	**Casing Elevation**	680.4810 AMSL		
Sampling Method:	Not Sampled	**Surface Elevation:**	680.7190 AMSL		
Rig Type:	Geoprobe 7822DT	**Descriptions By:**	Adam Svensson		

Depth (feet bgs) / Elevation (feet AMSL)	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description
0 / 680	1	NA	NR	NR		TOPSOIL; Grass and root fragments, soft, dry. Light brown SILT and fine SAND, moist.
5 / 675	2	NA	NR	NR		Light brown fine to coarse sub-round GRAVEL, some fine Sand, trace silt, moist.
10 / 670	3	NA	NR	NR		Gray-brown SILT and fine SAND, trace Clay, becoming wet at 12.0 ft bgs.
15 / 665	4	NA	NR	NR		
20 / 660	5	NA	NR	NR		
						End of Boring at 22.0 ft bgs



Remarks:
bgs = below ground surface
NA = Not Available/Applicable
NR = Not Recorded
AMSL = Above Mean Sea Level

Soil descriptions in this log refer to augered soil cuttings. Refer to the PZ25 boring log for stratigraphic information.
Location hand cleared to 5 feet bgs.

Appendix E

Certification Statement

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Environmental Remediation
625 Broadway, 11th Floor, Albany, NY 12233-7020
P: (518)402-9543 | F: (518)402-9547
www.dec.ny.gov

5/14/2024

John Ruspantini
Senior Project Manager
NYSEG
NYSEG
18 LInk Drive
Binghamton, NY 13904
jjruspantini@nyseg.com

Re: Reminder Notice: Site Management Periodic Review Report and IC/EC Certification Submittal
Site Name: NYSEG - Dansville MGP
Site No.: 826012
Site Address: 50 Ossian Street
Dansville, NY 14437

Dear John Ruspantini:

This letter serves as a reminder that sites in active Site Management (SM) require the submittal of a periodic progress report. This report, referred to as the Periodic Review Report (PRR), must document the implementation of, and compliance with, site-specific SM requirements. Section 6.3(b) of DER-10 *Technical Guidance for Site Investigation and Remediation* (available online at http://www.dec.ny.gov/regulations/67386.html) provides guidance regarding the information that must be included in the PRR. Further, if the site is comprised of multiple parcels, then you as the Certifying Party must arrange to submit one PRR for all parcels that comprise the site. The PRR must be received by the Department no later than **July 22, 2024**. Guidance on the content of a PRR is enclosed.

Site Management is defined in regulation (6 NYCRR 375-1.2(at)) and in Chapter 6 of DER-10. Depending on when the remedial program for your site was completed, SM may be governed by multiple documents (e.g., Operation, Maintenance, and Monitoring Plan; Soil Management Plan) or one comprehensive Site Management Plan.

A Site Management Plan (SMP) may contain one or all of the following elements, as applicable to the site: a plan to maintain institutional controls and/or engineering controls ("IC/EC Plan"); a plan for monitoring the performance and effectiveness of the selected remedy ("Monitoring Plan"); and/or a plan for the operation and maintenance of the selected remedy ("O&M Plan"). Additionally, the technical requirements for SM are stated in the decision document (e.g., Record of Decision) and, in some cases, the legal agreement directing the remediation of the site (e.g., order on consent, voluntary agreement, etc.).

When you submit the PRR (by the due date above), include the enclosed forms documenting that all SM requirements are being met. The Institutional Controls (ICs) portion of the form (Box 6) must be signed by you or your designated representative. If you cannot certify that all SM requirements are being met, you must submit a Corrective Measures Work Plan that identifies the actions to be taken to restore compliance. The work plan must include a schedule to be approved by the Department. The Periodic Review process will not be considered complete until all necessary corrective measures are completed and all required controls are certified. Instructions for completing the certifications are enclosed.

All site-related documents and data, including the PRR, must be submitted in electronic format to the Department of Environmental Conservation. The required format for documents is an Adobe PDF file with optical character recognition and no password protection. Data must be submitted as an electronic data deliverable (EDD) according to the instructions on the following webpage:

https://www.dec.ny.gov/chemical/62440.html

Documents may be submitted to the project manager either through electronic mail or by using the Department's file transfer service at the following webpage:

https://fts.dec.state.ny.us/fts/

The Department will not approve the PRR unless all documents and data generated in support of the PRR have been submitted using the required formats and protocols.

You may contact Michael Squire, the Project Manager, at 518-402-9546 or michael.squire@dec.ny.gov with any questions or concerns about the site. Please notify the project manager before conducting inspections or field work. You may also write to the project manager at the following address:

New York State Department of Environmental Conservation
Division of Environmental Remediation, BURC
625 Broadway

Albany, NY 12233-7014

Enclosures

PRR General Guidance
Certification Form Instructions
Certification Forms

ec: w/ enclosures

Nyseg - jjruspantini@nyseg.com

ec: w/ enclosures

Michael Squire, Project Manager

Amen M. Omorogbe, Section Chief
David Pratt, Hazardous Waste Remediation Supervisor, Region 8

Arcadis of New York, Inc. - Klaus Beyrle - Nicholas.Beyrle@arcadis.com

Enclosure 1

Certification Instructions

I. Verification of Site Details (Box 1 and Box 2):

Answer the three questions in the Verification of Site Details Section. The Owner and/or Qualified Environmental Professional (QEP) may include handwritten changes and/or other supporting documentation, as necessary.

II. Certification of Institutional Controls/ Engineering Controls (IC/ECs)(Boxes 3, 4, and 5)

1.1.1. Review the listed IC/ECs, confirming that all existing controls are listed, and that all existing controls are still applicable. If there is a control that is no longer applicable the Owner / Remedial Party should petition the Department separately to request approval to remove the control.

2. In Box 5, complete certifications for all Plan components, as applicable, by checking the corresponding checkbox.

3. If you cannot certify "YES" for each Control listed in Box 3 & Box 4, sign and date the form in Box 5. Attach supporting documentation that explains why the **Certification** cannot be rendered, as well as a plan of proposed corrective measures, and an associated schedule for completing the corrective measures. Note that this **Certification** form must be submitted even if an IC or EC cannot be certified; however, the certification process will not be considered complete until corrective action is completed.

If the Department concurs with the explanation, the proposed corrective measures, and the proposed schedule, a letter authorizing the implementation of those corrective measures will be issued by the Department's Project Manager. Once the corrective measures are complete, a new Periodic Review Report (with IC/EC Certification) must be submitted within 45 days to the Department. If the Department has any questions or concerns regarding the PRR and/or completion of the IC/EC Certification, the Project Manager will contact you.

III. IC/EC Certification by Signature (Box 6 and Box 7**):**

If you certified "YES" for each Control, please complete and sign the IC/EC Certifications page as follows:

- For the Institutional Controls on the use of the property, the certification statement in Box 6 shall be completed and may be made by the property owner or designated representative.

- For the Engineering Controls, the certification statement in Box 7 must be completed by a Professional Engineer or Qualified Environmental Professional, as noted on the form.

Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. 826012

Site Name NYSEG - Dansville MGP

Site Address: 50 Ossian Street Zip Code: 14437
City/Town: Dansville
County: Livingston
Site Acreage: 2.628

Reporting Period: February 22, 2023 to June 22, 2024

	YES	NO
1. Is the information above correct?	☒	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	☒
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☒
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period? Building Permit for storage shed issued 9/25/2023 attached.	☒	☐
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	☒

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Commercial and Industrial	☒	☐
7. Are all ICs in place and functioning as designed?	☒	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative Date

SITE NO. 826012 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
203.6-3-1	NYSEG	Soil Management Plan Monitoring Plan Site Management Plan Ground Water Use Restriction Landuse Restriction O&M Plan IC/EC Plan

1) Environmental easement that requires: (a) commercial use, which will also permit industrial use, (b) compliance with the approved site management plan, and; (c) restricting the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by NYSDOH.

2) Site management plan which includes the following institutional and engineering controls: (a) management of the final cover system to restrict excavation below the soil cover=s demarcation layer, pavement, or buildings. Excavated soil will be tested, properly handled to protect the health and safety of workers and the nearby community, and will be properly managed in a manner acceptable to the Department; (b) continued evaluation of the potential for vapor intrusion for any buildings developed on the site, including provision for mitigation of any impacts identified; (c) identification of any use restrictions on the site; and a monitoring plan to monitor the effectiveness of the remedy.

3) The property owner will provide a periodic certification of institutional and engineering controls, prepared and submitted by a professional engineer or such other expert acceptable to the Department, until the Department notifies the property owner in writing that this certification is no longer needed. This submittal will: (a) contain certification that the institutional controls and engineering controls put in place are still in place and are either unchanged from the previous certification or are compliant with Department-approved modifications; (b) allow the Department access to the site; and (c) state that nothing has occurred that would impair the ability of the control to protect public health or the environment, or constitute a violation or failure to comply with the site management plan unless otherwise approved by the Department.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
203.6-3-1	Cover System Monitoring Wells

Site cover consisting of a minimum of five feet of imported general fill topped with 12 inches of stone in excavated areas and four inches of topsoil in vegetated areas.

10 ~~NAPL~~ monitoring wells along northern boundary of site to monitor presence of NAPL, consisting of 2-inch diameter PVC pipes installed to depths between 13 and 25 feet below grade. Two NAPL recovery wells installed along southern boundary of site to monitor presence of NAPL and recover if needed, consisting of 6-inch diameter PVC pipes installed to depths between 21 and 24 feet below grade.

Passive treatment system to facilitate in-situ enhanced biodegradation of BTEX and PAH compounds in groundwater in OU-2, consisting of application and performance monitoring wells along northern boundary of site. Wells consist of 4-inch (for application wells) and 2-inch (for performance monitoring wells) schedule 40 PVC risers and 0.02-inch slotted well screens installed from the top of the silt and clay unit to approximately 2 feet above the top of the water table. Application wells ~~will be~~ are used to administer ~~oxygen~~ oxygen-reducing substances (ORS) to the subsurface.

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
☒	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

   (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
☒	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____

Signature of Owner, Remedial Party or Designated Representative — Date

IC CERTIFICATIONS
SITE NO. 826012

Box 6

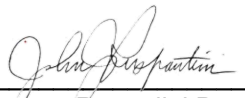
SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I John Ruspantini (print name) at 18 Link Dr, Binghamton, NY 13904 (print business address),

am certifying as NYSEG/Remedial Party (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

For NYSEG  6-13-24

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification — Date

EC CERTIFICATIONS

Qualified Environmental Professional (QEP)

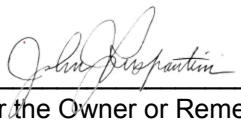
Box 7

Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I John Ruspantini at 18 Link Dr, Binghamton, NY 13904,
print name print business address

am certifying as a QEP for the NYSEG/Remedial Party
(Owner or Remedial Party)

For NYSEG  CHMM 10302 6-13-24

Signature of , for the Owner or Remedial Party, Rendering Certification | Stamp (Required for PE) | Date

Enclosure 3
Periodic Review Report (PRR) General Guidance

I. Executive Summary: (1/2-page or less)
   A. Provide a brief summary of site, nature and extent of contamination, and remedial history.
   B. Effectiveness of the Remedial Program - Provide overall conclusions regarding;
      1. progress made during the reporting period toward meeting the remedial objectives for the site
      2. the ultimate ability of the remedial program to achieve the remedial objectives for the site.
   C. Compliance
      1. Identify any areas of non-compliance regarding the major elements of the Site Management Plan (SMP, i.e., the Institutional/Engineering Control (IC/EC) Plan, the Monitoring Plan, and the Operation & Maintenance (O&M) Plan).
      2. Propose steps to be taken and a schedule to correct any areas of non-compliance.
   D. Recommendations
      1. recommend whether any changes to the SMP are needed
      2. recommend any changes to the frequency for submittal of PRRs (increase, decrease)
      3. recommend whether the requirements for discontinuing site management have been met.

II. Site Overview (one page or less)
   A. Describe the site location, boundaries (figure), significant features, surrounding area, and the nature and extent of contamination prior to site remediation.
   B. Describe the chronology of the main features of the remedial program for the site, the components of the selected remedy, cleanup goals, site closure criteria, and any significant changes to the selected remedy that have been made since remedy selection.

III. Evaluate Remedy Performance, Effectiveness, and Protectiveness
   Using tables, graphs, charts and bulleted text to the extent practicable, describe the effectiveness of the remedy in achieving the remedial goals for the site. Base findings, recommendations, and conclusions on objective data. Evaluations and should be presented simply and concisely.

IV. IC/EC Plan Compliance Report (if applicable)
   A. IC/EC Requirements and Compliance
      1. Describe each control, its objective, and how performance of the control is evaluated.
      2. Summarize the status of each goal (whether it is fully in place and its effectiveness).
      3. Corrective Measures: describe steps proposed to address any deficiencies in ICECs.
      4. Conclusions and recommendations for changes.
   B. IC/EC Certification
      1. The certification must be complete (even if there are IC/EC deficiencies), and certified by the appropriate party as set forth in a Department-approved certification form(s).

V. Monitoring Plan Compliance Report (if applicable)
   A. Components of the Monitoring Plan (tabular presentations preferred) - Describe the requirements of the monitoring plan by media (i.e., soil, groundwater, sediment, etc.) and by any remedial technologies being used at the site.
   B. Summary of Monitoring Completed During Reporting Period - Describe the monitoring tasks actually completed during this PRR reporting period. Tables and/or figures should be used to show all data.
   C. Comparisons with Remedial Objectives - Compare the results of all monitoring with the remedial objectives for the site. Include trend analyses where possible.
   D. Monitoring Deficiencies - Describe any ways in which monitoring did not fully comply with the monitoring plan.
   E. Conclusions and Recommendations for Changes - Provide overall conclusions regarding the monitoring completed and the resulting evaluations regarding remedial effectiveness.

VI. Operation & Maintenance (O&M) Plan Compliance Report (if applicable)
   A. Components of O&M Plan - Describe the requirements of the O&M plan including required activities, frequencies, recordkeeping, etc.
   B. Summary of O&M Completed During Reporting Period - Describe the O&M tasks actually completed during this PRR reporting period.
   C. Evaluation of Remedial Systems - Based upon the results of the O&M activities completed, evaluated

the ability of each component of the remedy subject to O&M requirements to perform as designed/expected.

D. O&M Deficiencies - Identify any deficiencies in complying with the O&M plan during this PRR reporting period.

E. Conclusions and Recommendations for Improvements - Provide an overall conclusion regarding O&M for the site and identify any suggested improvements requiring changes in the O&M Plan.

VII. Overall PRR Conclusions and Recommendations

A. Compliance with SMP - For each component of the SMP (i.e., IC/EC, monitoring, O&M), summarize;
   1. whether all requirements of each plan were met during the reporting period
   2. any requirements not met
   3. proposed plans and a schedule for coming into full compliance.

B. Performance and Effectiveness of the Remedy - Based upon your evaluation of the components of the SMP, form conclusions about the performance of each component and the ability of the remedy to achieve the remedial objectives for the site.

C. Future PRR Submittals
   1. Recommend, with supporting justification, whether the frequency of the submittal of PRRs should be changed (either increased or decreased).
   2. If the requirements for site closure have been achieved, contact the Departments Project Manager for the site to determine what, if any, additional documentation is needed to support a decision to discontinue site management.

VIII. Additional Guidance

Additional guidance regarding the preparation and submittal of an acceptable PRR can be obtained from the Departments Project Manager for the site.

Village / Town of North Dansville
14 Clara Barton St.
Dansville, New York 14437
(585) 335-6955

BUILDING PERMIT

Permit Number: 23-0088 - Date: September 25, 2023

This notice must be prominently displayed on the property or premises to which it pertains

Issued to: NYS Electric & Gas Corp

Permitting: Placement of a pre-constructed shed 12' x 12' located at the right (East) side of the property closer to the back Battle Street side of the property / Please see application on file for all information

Address: 50 Ossian St - **Parcel No.: 203.6-3-1**

All work shall be executed in strict compliance with the permit application, approved plans, the Uniform Fire Prevention and Building Code, and all other laws, rules and regulations which apply. This building permit does not constitute authority to build in violation of any federal, state or local law or other regulation.

Do not proceed beyond these points until countersigned by the inspector if applicable

☐ 42 inch deep post holes		☐ Plumbing before enclosing	
☐ Footing before pouring concrete		☐ Window and door flashing	
☐ Foundation before backfill		☐ Drywall before paint	
☐ Framing before enclosing		☐ HVAC	
☐ Truss settings		☐ Roofing, Ice and Water	
☐ Electrical before enclosing		☐ Repairs as specified	
☐ Insulation before enclosing		☐ Progress	
☒ **Final Completion**		☐ **3rd party electrical inspect**	

Permission is hereby granted to proceed with the work as set forth in the specifications, plans or statements now on file in this Department. Any amendments made to the original plans and specifications must first be submitted for approval. **A FINAL INSPECTION** is necessary for issuance of Certificates of Occupancy & Compliance! Per Village of Dansville Zoning Law 203.1, building *I* use and special use permits issued pursuant to this section shall expire in one (1) year unless the project is completed.

Tammy Sylor Malone
Code Enforcement Officer

Village / Town of North Dansville
14 Clara Barton Street
Dansville, New York 14437

INVOICE

To:
NYS Electric & Gas Corp
One City Center Fl 5
Portland, ME 04101

Invoice Date	Parcel Number	Property Location	Record No.
September 25, 2023	203.6-3-1	50 Ossian St	23-0088

Date	Description	Paid Date	Amount Paid	Balance
September 25, 2023	Residential - CofC & Cof) - with a building permit		$15.00	
September 25, 2023	Residential - Sheds, Polebarns, Accessory Building		$20.00	
September 25, 2023	TOTAL: Permit Fees		$35.00	$35.00

Make all checks payable to the Village / Town of North Dansville.

If you have any questions concerning this invoice, please contact the Village / Town of North Dansville at 585-335-6955

Thank you for your business!

Appendix F

Waste Characterization Laboratory Data Package

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. John J Ruspantini
New York State Electric & Gas
18 Link Drive
Binghamton, New York 13902

Generated 10/30/2023 11:19:17 PM

JOB DESCRIPTION

NYSEG - Dansville MGP

JOB NUMBER

480-213867-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization

Generated
10/30/2023 11:19:17 PM

Authorized for release by
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@et.eurofinsus.com
Designee for
John Schove, Project Manager II
John.Schove@et.eurofinsus.com
(716)504-9838

Table of Contents

Definitions/Glossary

Client: New York State Electric & Gas
Project/Site: NYSEG - Dansville MGP

Job ID: 480-213867-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
S1-	Surrogate recovery exceeds control limits, low biased.

Metals

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.

General Chemistry

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.

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
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 ID: 480-213867-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative
480-213867-1

Receipt
The sample was received on 10/18/2023 11:00 AM. Unless otherwise noted below, the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.9º C.

GC/MS VOA
Method 8260C: The following sample was diluted due to the nature of the TCLP sample matrix: WCS-20231016 (480-213867-1). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 688787 recovered outside acceptance criteria, low biased, for 2-Butanone (MEK). 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 sample is impacted: WCS-20231016 (480-213867-1).

Method 8260C: The following sample was diluted due to the nature of the TCLP matrix: (LB 480-688556/1-A). 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
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA
Method 8151A: Surrogate recovery for the following sample was outside control limits: (LB 480-688554/1-D). This is routine for TCLP herbicides, due to the pH effects created during the leaching process, inhibiting the herbicide derivatization of the free acid components.

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

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

General Chemistry
Methods 9045C, 9045D: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: WCS-20231016 (480-213867-1).

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

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

Detection Summary

Client: New York State Electric & Gas
Project/Site: NYSEG - Dansville MGP

Job ID: 480-213867-1

Client Sample ID: WCS-20231016 — Lab Sample ID: 480-213867-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1242	1.5		0.25	0.048	mg/Kg	1	☼	8082A	Total/NA
Barium	0.48	J F1	1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.0029	F1	0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	0.0089	J F1	0.020	0.0030	mg/L	1		6010C	TCLP
Selenium	0.0087	J F1	0.025	0.0087	mg/L	1		6010C	TCLP
Flashpoint	>176		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	8.5	HF	0.1	0.1	SU	1		9045D	Total/NA
Temperature	8.5	HF	0.001	0.001	Degrees C	1		9045D	Total/NA
Free Liquid	pass				mL/100g	1		9095A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: WCS-20231016
Date Collected: 10/16/23 11:30
Date Received: 10/18/23 11:00

Lab Sample ID: 480-213867-1
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			10/24/23 16:53	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			10/24/23 16:53	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			10/24/23 16:53	10
Benzene	ND		0.010	0.0041	mg/L			10/24/23 16:53	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			10/24/23 16:53	10
Chlorobenzene	ND		0.010	0.0075	mg/L			10/24/23 16:53	10
Chloroform	ND		0.010	0.0034	mg/L			10/24/23 16:53	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			10/24/23 16:53	10
Trichloroethene	ND		0.010	0.0046	mg/L			10/24/23 16:53	10
Vinyl chloride	ND		0.010	0.0090	mg/L			10/24/23 16:53	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*		*10/24/23 16:53*	*10*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*10/24/23 16:53*	*10*
Dibromofluoromethane (Surr)	*111*		*75 - 123*		*10/24/23 16:53*	*10*
Toluene-d8 (Surr)	*112*		*80 - 120*		*10/24/23 16:53*	*10*

Method: SW846 8270D - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.040	0.0018	mg/L		10/24/23 14:24	10/25/23 13:59	1
2,4,5-Trichlorophenol	ND		0.020	0.0019	mg/L		10/24/23 14:24	10/25/23 13:59	1
2,4,6-Trichlorophenol	ND		0.020	0.0024	mg/L		10/24/23 14:24	10/25/23 13:59	1
2,4-Dinitrotoluene	ND		0.020	0.0017	mg/L		10/24/23 14:24	10/25/23 13:59	1
2-Methylphenol	ND		0.020	0.0016	mg/L		10/24/23 14:24	10/25/23 13:59	1
3-Methylphenol	ND		0.040	0.0016	mg/L		10/24/23 14:24	10/25/23 13:59	1
4-Methylphenol	ND		0.040	0.0014	mg/L		10/24/23 14:24	10/25/23 13:59	1
Hexachlorobenzene	ND		0.020	0.0020	mg/L		10/24/23 14:24	10/25/23 13:59	1
Hexachlorobutadiene	ND		0.020	0.0027	mg/L		10/24/23 14:24	10/25/23 13:59	1
Hexachloroethane	ND		0.020	0.0023	mg/L		10/24/23 14:24	10/25/23 13:59	1
Nitrobenzene	ND		0.020	0.0011	mg/L		10/24/23 14:24	10/25/23 13:59	1
Pentachlorophenol	ND		0.040	0.0088	mg/L		10/24/23 14:24	10/25/23 13:59	1
Pyridine	ND		0.10	0.0016	mg/L		10/24/23 14:24	10/25/23 13:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*88*		*41 - 120*	*10/24/23 14:24*	*10/25/23 13:59*	*1*
2-Fluorobiphenyl	*95*		*48 - 120*	*10/24/23 14:24*	*10/25/23 13:59*	*1*
2-Fluorophenol (Surr)	*54*		*35 - 120*	*10/24/23 14:24*	*10/25/23 13:59*	*1*
Nitrobenzene-d5 (Surr)	*93*		*46 - 120*	*10/24/23 14:24*	*10/25/23 13:59*	*1*
Phenol-d5 (Surr)	*37*		*22 - 120*	*10/24/23 14:24*	*10/25/23 13:59*	*1*
p-Terphenyl-d14 (Surr)	*102*		*60 - 148*	*10/24/23 14:24*	*10/25/23 13:59*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	ND		0.0020	0.000029	mg/L		10/24/23 09:29	10/24/23 16:55	1
Endrin	ND		0.00020	0.000014	mg/L		10/24/23 09:29	10/24/23 16:55	1
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		10/24/23 09:29	10/24/23 16:55	1
Heptachlor	ND		0.00020	0.0000085	mg/L		10/24/23 09:29	10/24/23 16:55	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		10/24/23 09:29	10/24/23 16:55	1
Methoxychlor	ND		0.00020	0.000014	mg/L		10/24/23 09:29	10/24/23 16:55	1
Toxaphene	ND		0.0020	0.00012	mg/L		10/24/23 09:29	10/24/23 16:55	1

Client Sample ID: WCS-20231016

Lab Sample ID: 480-213867-1

Date Collected: 10/16/23 11:30

Matrix: Solid

Date Received: 10/18/23 11:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*65*		*20 - 120*	*10/24/23 09:29*	*10/24/23 16:55*	*1*
DCB Decachlorobiphenyl	*61*		*20 - 120*	*10/24/23 09:29*	*10/24/23 16:55*	*1*
Tetrachloro-m-xylene	*92*		*44 - 120*	*10/24/23 09:29*	*10/24/23 16:55*	*1*
Tetrachloro-m-xylene	*82*		*44 - 120*	*10/24/23 09:29*	*10/24/23 16:55*	*1*

Method: SW846 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND		0.0020	0.00040	mg/L		10/24/23 09:21	10/25/23 14:40	1
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L		10/24/23 09:21	10/25/23 14:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*24*		*21 - 143*	*10/24/23 09:21*	*10/25/23 14:40*	*1*
2,4-Dichlorophenylacetic acid	*28*		*21 - 143*	*10/24/23 09:21*	*10/25/23 14:40*	*1*

Method: SW846 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND	F1	0.015	0.0056	mg/L		10/24/23 09:20	10/26/23 14:33	1
Barium	**0.48**	**J F1**	1.0	0.10	mg/L		10/24/23 09:20	10/26/23 14:33	1
Cadmium	**0.0029**	**F1**	0.0020	0.00050	mg/L		10/24/23 09:20	10/26/23 14:33	1
Chromium	ND	F1	0.020	0.010	mg/L		10/24/23 09:20	10/26/23 14:33	1
Lead	**0.0089**	**J F1**	0.020	0.0030	mg/L		10/24/23 09:20	10/26/23 14:33	1
Selenium	**0.0087**	**J F1**	0.025	0.0087	mg/L		10/24/23 09:20	10/26/23 14:33	1
Silver	ND	F1	0.0060	0.0017	mg/L		10/24/23 09:20	10/26/23 14:33	1

Method: SW846 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		10/24/23 11:32	10/24/23 16:04	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Free Liquid (SW846 9095A)	**pass**				mL/100g			10/21/23 14:30	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint (SW846 1010A)	**>176**		50.0	50.0	Degrees F			10/20/23 09:50	1
Cyanide, Reactive (SW846 9012)	ND		9.2	9.2	mg/Kg		10/24/23 10:26	10/25/23 11:32	1
Sulfide, Reactive (SW846 9034)	ND	H	9.2	9.2	mg/Kg		10/24/23 10:26	10/25/23 15:00	1
pH (SW846 9045D)	**8.5**	**HF**	0.1	0.1	SU			10/24/23 20:30	1
Temperature (SW846 9045D)	**8.5**	**HF**	0.001	0.001	Degrees C			10/24/23 20:30	1

Client Sample ID: WCS-20231016

Lab Sample ID: 480-213867-1

Date Collected: 10/16/23 11:30

Matrix: Solid

Date Received: 10/18/23 11:00

Percent Solids: 91.7

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.25	0.048	mg/Kg	☼	10/19/23 11:49	10/20/23 03:07	1
PCB-1221	ND		0.25	0.048	mg/Kg	☼	10/19/23 11:49	10/20/23 03:07	1
PCB-1232	ND		0.25	0.048	mg/Kg	☼	10/19/23 11:49	10/20/23 03:07	1
PCB-1242	**1.5**		0.25	0.048	mg/Kg	☼	10/19/23 11:49	10/20/23 03:07	1
PCB-1248	ND		0.25	0.048	mg/Kg	☼	10/19/23 11:49	10/20/23 03:07	1
PCB-1254	ND		0.25	0.12	mg/Kg	☼	10/19/23 11:49	10/20/23 03:07	1
PCB-1260	ND		0.25	0.12	mg/Kg	☼	10/19/23 11:49	10/20/23 03:07	1

Client: New York State Electric & Gas
Project/Site: NYSEG - Dansville MGP

Job ID: 480-213867-1

Client Sample ID: WCS-20231016
Date Collected: 10/16/23 11:30
Date Received: 10/18/23 11:00

Lab Sample ID: 480-213867-1
Matrix: Solid
Percent Solids: 91.7

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	73		65 - 174	10/19/23 11:49	10/20/23 03:07	1
DCB Decachlorobiphenyl	85		65 - 174	10/19/23 11:49	10/20/23 03:07	1
Tetrachloro-m-xylene	88		60 - 154	10/19/23 11:49	10/20/23 03:07	1
Tetrachloro-m-xylene	82		60 - 154	10/19/23 11:49	10/20/23 03:07	1

Surrogate Summary

Client: New York State Electric & Gas
Project/Site: NYSEG - Dansville MGP

Job ID: 480-213867-1

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

Matrix: Solid — **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)
LCS 480-688970/6	Lab Control Sample	104	108	104	106
MB 480-688970/8	Method Blank	106	101	102	102

Surrogate Legend

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

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

Matrix: Solid — **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(75-123)	(80-120)
480-213867-1	WCS-20231016	106	104	111	112
LB 480-688556/1-A	Method Blank	106	103	102	103

Surrogate Legend

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

Method: 8270D - TCLP Semivolatiles

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHd14
Lab Sample ID	Client Sample ID	(41-120)	(48-120)	(35-120)	(46-120)	(22-120)	(60-148)
LCS 480-688886/2-A	Lab Control Sample	103	103	53	96	43	108
LCSD 480-688886/3-A	Lab Control Sample Dup	108	99	59	98	43	109
MB 480-688886/1-A	Method Blank	76	95	57	89	40	103

Surrogate Legend

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

Method: 8270D - TCLP Semivolatiles

Matrix: Solid — **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHd14
Lab Sample ID	Client Sample ID	(41-120)	(48-120)	(35-120)	(46-120)	(22-120)	(60-148)
480-213867-1	WCS-20231016	88	95	54	93	37	102
LB 480-688554/1-F	Method Blank	85	90	52	88	36	100

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)

FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

Method: 8081B - Organochlorine Pesticides (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(20-120)	(20-120)	(44-120)	(44-120)
LCS 480-688791/2-A	Lab Control Sample	51	47	86	80
LCSD 480-688791/3-A	Lab Control Sample Dup	56	54	96	80
MB 480-688791/1-A	Method Blank	52	51	86	75

Surrogate Legend
DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(20-120)	(20-120)	(44-120)	(44-120)
480-213867-1	WCS-20231016	65	61	92	82
LB 480-688554/1-E	Method Blank	81	76	96	85

Surrogate Legend
DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(65-174)	(65-174)	(60-154)	(60-154)
480-213867-1	WCS-20231016	73	85	88	82
LCS 480-688176/2-A	Lab Control Sample	150	149	141	129
MB 480-688176/1-A	Method Blank	121	120	115	104

Surrogate Legend
DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8151 - TCLP Herbicides

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

		Percent Surrogate Recovery (Acceptance Limits)	
		DCPAA1	DCPAA2
Lab Sample ID	Client Sample ID	(21-143)	(21-143)
LCS 480-688789/2-A	Lab Control Sample	112	108
MB 480-688789/1-A	Method Blank	86	94

Surrogate Legend
DCPAA = 2,4-Dichlorophenylacetic acid

Surrogate Summary

Client: New York State Electric & Gas
Project/Site: NYSEG - Dansville MGP

Job ID: 480-213867-1

Method: 8151 - TCLP Herbicides

Matrix: Solid

Prep Type: TCLP

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	DCPAA1 (21-143)	DCPAA2 (21-143)								
480-213867-1	WCS-20231016	24	28								
LB 480-688554/1-D	Method Blank	12 S1-	20 S1-								

Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid

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

Lab Sample ID: MB 480-688970/8
Matrix: Solid
Analysis Batch: 688970

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	ND		0.0010	0.00029	mg/L			10/25/23 13:07	1
1,2-Dichloroethane	ND		0.0010	0.00021	mg/L			10/25/23 13:07	1
2-Butanone (MEK)	ND		0.0050	0.0013	mg/L			10/25/23 13:07	1
Benzene	ND		0.0010	0.00041	mg/L			10/25/23 13:07	1
Carbon tetrachloride	ND		0.0010	0.00027	mg/L			10/25/23 13:07	1
Chlorobenzene	ND		0.0010	0.00075	mg/L			10/25/23 13:07	1
Chloroform	ND		0.0010	0.00034	mg/L			10/25/23 13:07	1
Tetrachloroethene	ND		0.0010	0.00036	mg/L			10/25/23 13:07	1
Trichloroethene	ND		0.0010	0.00046	mg/L			10/25/23 13:07	1
Vinyl chloride	ND		0.0010	0.00090	mg/L			10/25/23 13:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*		*10/25/23 13:07*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*10/25/23 13:07*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*10/25/23 13:07*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*10/25/23 13:07*	*1*

Lab Sample ID: LCS 480-688970/6
Matrix: Solid
Analysis Batch: 688970

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	0.0250	0.0224		mg/L		89	66 - 127
1,2-Dichloroethane	0.0250	0.0221		mg/L		88	75 - 120
2-Butanone (MEK)	0.125	0.123		mg/L		98	57 - 140
Benzene	0.0250	0.0236		mg/L		95	71 - 124
Carbon tetrachloride	0.0250	0.0233		mg/L		93	72 - 134
Chlorobenzene	0.0250	0.0234		mg/L		94	80 - 120
Chloroform	0.0250	0.0228		mg/L		91	73 - 127
Tetrachloroethene	0.0250	0.0243		mg/L		97	74 - 122
Trichloroethene	0.0250	0.0234		mg/L		94	74 - 123
Vinyl chloride	0.0250	0.0220		mg/L		88	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*
Dibromofluoromethane (Surr)	*104*		*75 - 123*
Toluene-d8 (Surr)	*106*		*80 - 120*

Lab Sample ID: LB 480-688556/1-A
Matrix: Solid
Analysis Batch: 688970

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			10/25/23 13:48	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			10/25/23 13:48	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			10/25/23 13:48	10
Benzene	ND		0.010	0.0041	mg/L			10/25/23 13:48	10

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

Lab Sample ID: LB 480-688556/1-A
Matrix: Solid
Analysis Batch: 688970

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		0.010	0.0027	mg/L			10/25/23 13:48	10
Chlorobenzene	ND		0.010	0.0075	mg/L			10/25/23 13:48	10
Chloroform	ND		0.010	0.0034	mg/L			10/25/23 13:48	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			10/25/23 13:48	10
Trichloroethene	ND		0.010	0.0046	mg/L			10/25/23 13:48	10
Vinyl chloride	ND		0.010	0.0090	mg/L			10/25/23 13:48	10

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*		*10/25/23 13:48*	*10*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*10/25/23 13:48*	*10*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*10/25/23 13:48*	*10*
Toluene-d8 (Surr)	*103*		*80 - 120*		*10/25/23 13:48*	*10*

Method: 8270D - TCLP Semivolatiles

Lab Sample ID: MB 480-688886/1-A
Matrix: Solid
Analysis Batch: 688961

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 688886

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00045	mg/L		10/24/23 14:24	10/25/23 12:24	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		10/24/23 14:24	10/25/23 12:24	1
2,4,6-Trichlorophenol	ND		0.0050	0.00060	mg/L		10/24/23 14:24	10/25/23 12:24	1
2,4-Dinitrotoluene	ND		0.0050	0.00043	mg/L		10/24/23 14:24	10/25/23 12:24	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		10/24/23 14:24	10/25/23 12:24	1
3-Methylphenol	ND		0.010	0.00040	mg/L		10/24/23 14:24	10/25/23 12:24	1
4-Methylphenol	ND		0.010	0.00035	mg/L		10/24/23 14:24	10/25/23 12:24	1
Hexachlorobenzene	ND		0.0050	0.00050	mg/L		10/24/23 14:24	10/25/23 12:24	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		10/24/23 14:24	10/25/23 12:24	1
Hexachloroethane	ND		0.0050	0.00058	mg/L		10/24/23 14:24	10/25/23 12:24	1
Nitrobenzene	ND		0.0050	0.00028	mg/L		10/24/23 14:24	10/25/23 12:24	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		10/24/23 14:24	10/25/23 12:24	1
Pyridine	ND		0.025	0.00040	mg/L		10/24/23 14:24	10/25/23 12:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*76*		*41 - 120*	*10/24/23 14:24*	*10/25/23 12:24*	*1*
2-Fluorobiphenyl	*95*		*48 - 120*	*10/24/23 14:24*	*10/25/23 12:24*	*1*
2-Fluorophenol (Surr)	*57*		*35 - 120*	*10/24/23 14:24*	*10/25/23 12:24*	*1*
Nitrobenzene-d5 (Surr)	*89*		*46 - 120*	*10/24/23 14:24*	*10/25/23 12:24*	*1*
Phenol-d5 (Surr)	*40*		*22 - 120*	*10/24/23 14:24*	*10/25/23 12:24*	*1*
p-Terphenyl-d14 (Surr)	*103*		*60 - 148*	*10/24/23 14:24*	*10/25/23 12:24*	*1*

Lab Sample ID: LCS 480-688886/2-A
Matrix: Solid
Analysis Batch: 688961

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 688886

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dichlorobenzene	0.0500	0.0334		mg/L		67	42 - 120

Method: 8270D - TCLP Semivolatiles (Continued)

Lab Sample ID: LCS 480-688886/2-A
Matrix: Solid
Analysis Batch: 688961

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 688886

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
2,4,5-Trichlorophenol			0.0500	0.0544		mg/L		109	65 - 126		
2,4,6-Trichlorophenol			0.0500	0.0514		mg/L		103	64 - 120		
2,4-Dinitrotoluene			0.0500	0.0535		mg/L		107	69 - 120		
2-Methylphenol			0.0500	0.0413		mg/L		83	39 - 120		
3-Methylphenol			0.0500	0.0383		mg/L		77	39 - 120		
4-Methylphenol			0.0500	0.0383		mg/L		77	29 - 131		
Hexachlorobenzene			0.0500	0.0507		mg/L		101	61 - 120		
Hexachlorobutadiene			0.0500	0.0343		mg/L		69	35 - 120		
Hexachloroethane			0.0500	0.0293		mg/L		59	33 - 120		
Nitrobenzene			0.0500	0.0461		mg/L		92	53 - 123		
Pentachlorophenol			0.100	0.0995		mg/L		99	29 - 136		
Pyridine			0.100	0.0551		mg/L		55	10 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*103*		*41 - 120*
2-Fluorobiphenyl	*103*		*48 - 120*
2-Fluorophenol (Surr)	*53*		*35 - 120*
Nitrobenzene-d5 (Surr)	*96*		*46 - 120*
Phenol-d5 (Surr)	*43*		*22 - 120*
p-Terphenyl-d14 (Surr)	*108*		*60 - 148*

Lab Sample ID: LCSD 480-688886/3-A
Matrix: Solid
Analysis Batch: 688961

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 688886

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dichlorobenzene			0.0500	0.0346		mg/L		69	42 - 120	3	36
2,4,5-Trichlorophenol			0.0500	0.0513		mg/L		103	65 - 126	6	18
2,4,6-Trichlorophenol			0.0500	0.0495		mg/L		99	64 - 120	4	19
2,4-Dinitrotoluene			0.0500	0.0533		mg/L		107	69 - 120	0	20
2-Methylphenol			0.0500	0.0419		mg/L		84	39 - 120	2	27
3-Methylphenol			0.0500	0.0400		mg/L		80	39 - 120	4	30
4-Methylphenol			0.0500	0.0400		mg/L		80	29 - 131	4	24
Hexachlorobenzene			0.0500	0.0523		mg/L		105	61 - 120	3	15
Hexachlorobutadiene			0.0500	0.0357		mg/L		71	35 - 120	4	44
Hexachloroethane			0.0500	0.0307		mg/L		61	33 - 120	5	46
Nitrobenzene			0.0500	0.0478		mg/L		96	53 - 123	4	24
Pentachlorophenol			0.100	0.106		mg/L		106	29 - 136	6	37
Pyridine			0.100	0.0581		mg/L		58	10 - 120	5	49

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*108*		*41 - 120*
2-Fluorobiphenyl	*99*		*48 - 120*
2-Fluorophenol (Surr)	*59*		*35 - 120*
Nitrobenzene-d5 (Surr)	*98*		*46 - 120*
Phenol-d5 (Surr)	*43*		*22 - 120*
p-Terphenyl-d14 (Surr)	*109*		*60 - 148*

Method: 8270D - TCLP Semivolatiles (Continued)

Lab Sample ID: LB 480-688554/1-F
Matrix: Solid
Analysis Batch: 688961

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 688886

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.040	0.0018	mg/L		10/24/23 14:24	10/25/23 13:35	1
2,4,5-Trichlorophenol	ND		0.020	0.0019	mg/L		10/24/23 14:24	10/25/23 13:35	1
2,4,6-Trichlorophenol	ND		0.020	0.0024	mg/L		10/24/23 14:24	10/25/23 13:35	1
2,4-Dinitrotoluene	ND		0.020	0.0017	mg/L		10/24/23 14:24	10/25/23 13:35	1
2-Methylphenol	ND		0.020	0.0016	mg/L		10/24/23 14:24	10/25/23 13:35	1
3-Methylphenol	ND		0.040	0.0016	mg/L		10/24/23 14:24	10/25/23 13:35	1
4-Methylphenol	ND		0.040	0.0014	mg/L		10/24/23 14:24	10/25/23 13:35	1
Hexachlorobenzene	ND		0.020	0.0020	mg/L		10/24/23 14:24	10/25/23 13:35	1
Hexachlorobutadiene	ND		0.020	0.0027	mg/L		10/24/23 14:24	10/25/23 13:35	1
Hexachloroethane	ND		0.020	0.0023	mg/L		10/24/23 14:24	10/25/23 13:35	1
Nitrobenzene	ND		0.020	0.0011	mg/L		10/24/23 14:24	10/25/23 13:35	1
Pentachlorophenol	ND		0.040	0.0088	mg/L		10/24/23 14:24	10/25/23 13:35	1
Pyridine	ND		0.10	0.0016	mg/L		10/24/23 14:24	10/25/23 13:35	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*85*		*41 - 120*	*10/24/23 14:24*	*10/25/23 13:35*	*1*
2-Fluorobiphenyl	*90*		*48 - 120*	*10/24/23 14:24*	*10/25/23 13:35*	*1*
2-Fluorophenol (Surr)	*52*		*35 - 120*	*10/24/23 14:24*	*10/25/23 13:35*	*1*
Nitrobenzene-d5 (Surr)	*88*		*46 - 120*	*10/24/23 14:24*	*10/25/23 13:35*	*1*
Phenol-d5 (Surr)	*36*		*22 - 120*	*10/24/23 14:24*	*10/25/23 13:35*	*1*
p-Terphenyl-d14 (Surr)	*100*		*60 - 148*	*10/24/23 14:24*	*10/25/23 13:35*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 480-688791/1-A
Matrix: Solid
Analysis Batch: 688752

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 688791

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	ND		0.00050	0.0000073	mg/L		10/24/23 09:29	10/24/23 15:37	1
Endrin	ND		0.000050	0.0000035	mg/L		10/24/23 09:29	10/24/23 15:37	1
gamma-BHC (Lindane)	ND		0.000050	0.0000015	mg/L		10/24/23 09:29	10/24/23 15:37	1
Heptachlor	ND		0.000050	0.0000021	mg/L		10/24/23 09:29	10/24/23 15:37	1
Heptachlor epoxide	ND		0.000050	0.0000013	mg/L		10/24/23 09:29	10/24/23 15:37	1
Methoxychlor	ND		0.000050	0.0000035	mg/L		10/24/23 09:29	10/24/23 15:37	1
Toxaphene	ND		0.00050	0.000030	mg/L		10/24/23 09:29	10/24/23 15:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*52*		*20 - 120*	*10/24/23 09:29*	*10/24/23 15:37*	*1*
DCB Decachlorobiphenyl	*51*		*20 - 120*	*10/24/23 09:29*	*10/24/23 15:37*	*1*
Tetrachloro-m-xylene	*86*		*44 - 120*	*10/24/23 09:29*	*10/24/23 15:37*	*1*
Tetrachloro-m-xylene	*75*		*44 - 120*	*10/24/23 09:29*	*10/24/23 15:37*	*1*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 480-688791/2-A
Matrix: Solid
Analysis Batch: 688752

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 688791

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Endrin			0.000500	0.000548		mg/L		110	65 - 135		
gamma-BHC (Lindane)			0.000500	0.000448		mg/L		90	56 - 120		
Heptachlor			0.000500	0.000454		mg/L		91	58 - 120		
Heptachlor epoxide			0.000500	0.000547		mg/L		109	65 - 125		
Methoxychlor			0.000500	0.000451		mg/L		90	50 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*51*		*20 - 120*
DCB Decachlorobiphenyl	*47*		*20 - 120*
Tetrachloro-m-xylene	*86*		*44 - 120*
Tetrachloro-m-xylene	*80*		*44 - 120*

Lab Sample ID: LCSD 480-688791/3-A
Matrix: Solid
Analysis Batch: 688752

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 688791

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Endrin			0.000500	0.000579		mg/L		116	65 - 135	6	24
gamma-BHC (Lindane)			0.000500	0.000490		mg/L		98	56 - 120	9	24
Heptachlor			0.000500	0.000491		mg/L		98	58 - 120	8	25
Heptachlor epoxide			0.000500	0.000579		mg/L		116	65 - 125	6	23
Methoxychlor			0.000500	0.000475		mg/L		95	50 - 150	5	26

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*56*		*20 - 120*
DCB Decachlorobiphenyl	*54*		*20 - 120*
Tetrachloro-m-xylene	*96*		*44 - 120*
Tetrachloro-m-xylene	*80*		*44 - 120*

Lab Sample ID: LB 480-688554/1-E
Matrix: Solid
Analysis Batch: 688752

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 688791

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	ND		0.0020	0.000029	mg/L		10/24/23 09:29	10/24/23 16:36	1
Endrin	ND		0.00020	0.000014	mg/L		10/24/23 09:29	10/24/23 16:36	1
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		10/24/23 09:29	10/24/23 16:36	1
Heptachlor	ND		0.00020	0.0000085	mg/L		10/24/23 09:29	10/24/23 16:36	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		10/24/23 09:29	10/24/23 16:36	1
Methoxychlor	ND		0.00020	0.000014	mg/L		10/24/23 09:29	10/24/23 16:36	1
Toxaphene	ND		0.0020	0.00012	mg/L		10/24/23 09:29	10/24/23 16:36	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*81*		*20 - 120*	*10/24/23 09:29*	*10/24/23 16:36*	*1*
DCB Decachlorobiphenyl	*76*		*20 - 120*	*10/24/23 09:29*	*10/24/23 16:36*	*1*
Tetrachloro-m-xylene	*96*		*44 - 120*	*10/24/23 09:29*	*10/24/23 16:36*	*1*
Tetrachloro-m-xylene	*85*		*44 - 120*	*10/24/23 09:29*	*10/24/23 16:36*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-688176/1-A
Matrix: Solid
Analysis Batch: 688197

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 688176

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.22	0.044	mg/Kg		10/19/23 11:49	10/19/23 19:48	1
PCB-1221	ND		0.22	0.044	mg/Kg		10/19/23 11:49	10/19/23 19:48	1
PCB-1232	ND		0.22	0.044	mg/Kg		10/19/23 11:49	10/19/23 19:48	1
PCB-1242	ND		0.22	0.044	mg/Kg		10/19/23 11:49	10/19/23 19:48	1
PCB-1248	ND		0.22	0.044	mg/Kg		10/19/23 11:49	10/19/23 19:48	1
PCB-1254	ND		0.22	0.10	mg/Kg		10/19/23 11:49	10/19/23 19:48	1
PCB-1260	ND		0.22	0.10	mg/Kg		10/19/23 11:49	10/19/23 19:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*121*		*65 - 174*	*10/19/23 11:49*	*10/19/23 19:48*	*1*
DCB Decachlorobiphenyl	*120*		*65 - 174*	*10/19/23 11:49*	*10/19/23 19:48*	*1*
Tetrachloro-m-xylene	*115*		*60 - 154*	*10/19/23 11:49*	*10/19/23 19:48*	*1*
Tetrachloro-m-xylene	*104*		*60 - 154*	*10/19/23 11:49*	*10/19/23 19:48*	*1*

Lab Sample ID: LCS 480-688176/2-A
Matrix: Solid
Analysis Batch: 688197

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 688176

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			2.37	3.06		mg/Kg		129	51 - 185		
PCB-1260			2.37	3.95		mg/Kg		167	61 - 184		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*150*		*65 - 174*
DCB Decachlorobiphenyl	*149*		*65 - 174*
Tetrachloro-m-xylene	*141*		*60 - 154*
Tetrachloro-m-xylene	*129*		*60 - 154*

Method: 8151 - TCLP Herbicides

Lab Sample ID: MB 480-688789/1-A
Matrix: Solid
Analysis Batch: 689020

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 688789

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND		0.00050	0.00010	mg/L		10/24/23 09:21	10/25/23 13:44	1
Silvex (2,4,5-TP)	ND		0.00050	0.000090	mg/L		10/24/23 09:21	10/25/23 13:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*86*		*21 - 143*	*10/24/23 09:21*	*10/25/23 13:44*	*1*
2,4-Dichlorophenylacetic acid	*94*		*21 - 143*	*10/24/23 09:21*	*10/25/23 13:44*	*1*

Lab Sample ID: LCS 480-688789/2-A
Matrix: Solid
Analysis Batch: 689020

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 688789

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
2,4-D			0.00200	0.00237		mg/L		118	36 - 150		

Method: 8151 - TCLP Herbicides (Continued)

Lab Sample ID: LCS 480-688789/2-A
Matrix: Solid
Analysis Batch: 689020

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 688789

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Silvex (2,4,5-TP)			0.00200	0.00212		mg/L		106	49 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*112*		*21 - 143*
2,4-Dichlorophenylacetic acid	*108*		*21 - 143*

Lab Sample ID: LB 480-688554/1-D
Matrix: Solid
Analysis Batch: 689020

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 688789

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND		0.0020	0.00040	mg/L		10/24/23 09:21	10/25/23 14:21	1
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L		10/24/23 09:21	10/25/23 14:21	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*12*	*S1-*	*21 - 143*	*10/24/23 09:21*	*10/25/23 14:21*	*1*
2,4-Dichlorophenylacetic acid	*20*	*S1-*	*21 - 143*	*10/24/23 09:21*	*10/25/23 14:21*	*1*

Method: 6010C - TCLP Metals (ICP)

Lab Sample ID: MB 480-688775/2-A
Matrix: Solid
Analysis Batch: 689476

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 688775

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		10/24/23 09:20	10/26/23 14:26	1
Barium	ND		1.0	0.10	mg/L		10/24/23 09:20	10/26/23 14:26	1
Cadmium	ND		0.0020	0.00050	mg/L		10/24/23 09:20	10/26/23 14:26	1
Chromium	ND		0.020	0.010	mg/L		10/24/23 09:20	10/26/23 14:26	1
Lead	ND		0.020	0.0030	mg/L		10/24/23 09:20	10/26/23 14:26	1
Selenium	ND		0.025	0.0087	mg/L		10/24/23 09:20	10/26/23 14:26	1
Silver	ND		0.0060	0.0017	mg/L		10/24/23 09:20	10/26/23 14:26	1

Lab Sample ID: LCS 480-688775/3-A
Matrix: Solid
Analysis Batch: 689476

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 688775

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic			1.00	1.05		mg/L		105	80 - 120		
Barium			1.00	0.982	J	mg/L		98	80 - 120		
Cadmium			1.00	1.00		mg/L		100	80 - 120		
Chromium			1.00	0.998		mg/L		100	80 - 120		
Lead			1.00	1.01		mg/L		101	80 - 120		
Selenium			1.00	1.02		mg/L		102	80 - 120		
Silver			1.00	1.03		mg/L		103	80 - 120		

Method: 6010C - TCLP Metals (ICP) (Continued)

Lab Sample ID: LB 480-688554/1-B
Matrix: Solid
Analysis Batch: 689476

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 688775

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		10/24/23 09:20	10/26/23 14:22	1
Barium	ND		1.0	0.10	mg/L		10/24/23 09:20	10/26/23 14:22	1
Cadmium	ND		0.0020	0.00050	mg/L		10/24/23 09:20	10/26/23 14:22	1
Chromium	ND		0.020	0.010	mg/L		10/24/23 09:20	10/26/23 14:22	1
Lead	ND		0.020	0.0030	mg/L		10/24/23 09:20	10/26/23 14:22	1
Selenium	ND		0.025	0.0087	mg/L		10/24/23 09:20	10/26/23 14:22	1
Silver	ND		0.0060	0.0017	mg/L		10/24/23 09:20	10/26/23 14:22	1

Method: 7470A - TCLP Mercury

Lab Sample ID: MB 480-688788/2-A
Matrix: Solid
Analysis Batch: 688914

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 688788

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		10/24/23 11:32	10/24/23 16:01	1

Lab Sample ID: LCS 480-688788/3-A
Matrix: Solid
Analysis Batch: 688914

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 688788

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00680	0.00653		mg/L		96	80 - 120

Lab Sample ID: LB 480-688554/1-C
Matrix: Solid
Analysis Batch: 688914

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 688788

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		10/24/23 11:32	10/24/23 16:00	1

Lab Sample ID: 480-213867-1 MS
Matrix: Solid
Analysis Batch: 688914

Client Sample ID: WCS-20231016
Prep Type: TCLP
Prep Batch: 688788

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND		0.00680	0.00627		mg/L		92	80 - 120

Lab Sample ID: 480-213867-1 MSD
Matrix: Solid
Analysis Batch: 688914

Client Sample ID: WCS-20231016
Prep Type: TCLP
Prep Batch: 688788

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		0.00680	0.00619		mg/L		91	80 - 120	1	20

Method: 1010A - Ignitability, Pensky-Martens Closed-Cup Method

Lab Sample ID: LCS 480-688310/1
Matrix: Solid
Analysis Batch: 688310

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Flashpoint	81.0	81.00		Degrees F		100	97.5 - 102.5

Lab Sample ID: 480-213867-1 DU
Matrix: Solid
Analysis Batch: 688310

Client Sample ID: WCS-20231016
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Flashpoint	>176		>176.0		Degrees F		NC	10

Method: 9012 - Cyanide, Reactive

Lab Sample ID: MB 480-688976/1-A
Matrix: Solid
Analysis Batch: 689170

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 688976

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10.0	10.0	mg/Kg		10/24/23 10:26	10/25/23 11:19	1

Lab Sample ID: LCS 480-688976/2-A
Matrix: Solid
Analysis Batch: 689170

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 688976

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Reactive	1000	630.0		mg/Kg		63	10 - 100

Method: 9034 - Sulfide, Reactive

Lab Sample ID: MB 480-688975/1-A
Matrix: Solid
Analysis Batch: 689112

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 688975

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	ND		10.0	10.0	mg/Kg		10/24/23 10:26	10/25/23 15:00	1

Lab Sample ID: LCS 480-688975/2-A
Matrix: Solid
Analysis Batch: 689112

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 688975

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide, Reactive	740	561.1		mg/Kg		76	10 - 100

Method: 9045D - pH

Lab Sample ID: LCS 480-689056/1
Matrix: Solid
Analysis Batch: 689056

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
pH	7.00	7.0		SU		100	99 - 101

Method: 9045D - pH (Continued)

Lab Sample ID: 480-213867-1 DU
Matrix: Solid
Analysis Batch: 689056

Client Sample ID: WCS-20231016
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	8.5	HF		8.7		SU				3	5
Temperature	8.5	HF		8.7		Degrees C				3	10

QC Association Summary

Client: New York State Electric & Gas
Project/Site: NYSEG - Dansville MGP

Job ID: 480-213867-1

GC/MS VOA

Leach Batch: 688556

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213867-1	WCS-20231016	TCLP	Solid	1311	
LB 480-688556/1-A	Method Blank	TCLP	Solid	1311	

Analysis Batch: 688787

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213867-1	WCS-20231016	TCLP	Solid	8260C	688556

Analysis Batch: 688970

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 480-688556/1-A	Method Blank	TCLP	Solid	8260C	688556
MB 480-688970/8	Method Blank	Total/NA	Solid	8260C	
LCS 480-688970/6	Lab Control Sample	Total/NA	Solid	8260C	

GC/MS Semi VOA

Leach Batch: 688554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213867-1	WCS-20231016	TCLP	Solid	1311	
LB 480-688554/1-F	Method Blank	TCLP	Solid	1311	

Prep Batch: 688886

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213867-1	WCS-20231016	TCLP	Solid	3510C	688554
LB 480-688554/1-F	Method Blank	TCLP	Solid	3510C	688554
MB 480-688886/1-A	Method Blank	Total/NA	Solid	3510C	
LCS 480-688886/2-A	Lab Control Sample	Total/NA	Solid	3510C	
LCSD 480-688886/3-A	Lab Control Sample Dup	Total/NA	Solid	3510C	

Analysis Batch: 688961

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213867-1	WCS-20231016	TCLP	Solid	8270D	688886
LB 480-688554/1-F	Method Blank	TCLP	Solid	8270D	688886
MB 480-688886/1-A	Method Blank	Total/NA	Solid	8270D	688886
LCS 480-688886/2-A	Lab Control Sample	Total/NA	Solid	8270D	688886
LCSD 480-688886/3-A	Lab Control Sample Dup	Total/NA	Solid	8270D	688886

GC Semi VOA

Prep Batch: 688176

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213867-1	WCS-20231016	Total/NA	Solid	3550C	
MB 480-688176/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-688176/2-A	Lab Control Sample	Total/NA	Solid	3550C	

Analysis Batch: 688197

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213867-1	WCS-20231016	Total/NA	Solid	8082A	688176
MB 480-688176/1-A	Method Blank	Total/NA	Solid	8082A	688176
LCS 480-688176/2-A	Lab Control Sample	Total/NA	Solid	8082A	688176

GC Semi VOA

Leach Batch: 688554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213867-1	WCS-20231016	TCLP	Solid	1311	
LB 480-688554/1-D	Method Blank	TCLP	Solid	1311	
LB 480-688554/1-E	Method Blank	TCLP	Solid	1311	

Analysis Batch: 688752

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213867-1	WCS-20231016	TCLP	Solid	8081B	688791
LB 480-688554/1-E	Method Blank	TCLP	Solid	8081B	688791
MB 480-688791/1-A	Method Blank	Total/NA	Solid	8081B	688791
LCS 480-688791/2-A	Lab Control Sample	Total/NA	Solid	8081B	688791
LCSD 480-688791/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	688791

Prep Batch: 688789

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213867-1	WCS-20231016	TCLP	Solid	8151A	688554
LB 480-688554/1-D	Method Blank	TCLP	Solid	8151A	688554
MB 480-688789/1-A	Method Blank	Total/NA	Solid	8151A	
LCS 480-688789/2-A	Lab Control Sample	Total/NA	Solid	8151A	

Prep Batch: 688791

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213867-1	WCS-20231016	TCLP	Solid	3510C	688554
LB 480-688554/1-E	Method Blank	TCLP	Solid	3510C	688554
MB 480-688791/1-A	Method Blank	Total/NA	Solid	3510C	
LCS 480-688791/2-A	Lab Control Sample	Total/NA	Solid	3510C	
LCSD 480-688791/3-A	Lab Control Sample Dup	Total/NA	Solid	3510C	

Analysis Batch: 689020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213867-1	WCS-20231016	TCLP	Solid	8151	688789
LB 480-688554/1-D	Method Blank	TCLP	Solid	8151	688789
MB 480-688789/1-A	Method Blank	Total/NA	Solid	8151	688789
LCS 480-688789/2-A	Lab Control Sample	Total/NA	Solid	8151	688789

Metals

Leach Batch: 688554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213867-1	WCS-20231016	TCLP	Solid	1311	
LB 480-688554/1-B	Method Blank	TCLP	Solid	1311	
LB 480-688554/1-C	Method Blank	TCLP	Solid	1311	
480-213867-1 MS	WCS-20231016	TCLP	Solid	1311	
480-213867-1 MSD	WCS-20231016	TCLP	Solid	1311	

Prep Batch: 688775

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213867-1	WCS-20231016	TCLP	Solid	3010A	688554
LB 480-688554/1-B	Method Blank	TCLP	Solid	3010A	688554
MB 480-688775/2-A	Method Blank	Total/NA	Solid	3010A	
LCS 480-688775/3-A	Lab Control Sample	Total/NA	Solid	3010A	

QC Association Summary

Client: New York State Electric & Gas
Project/Site: NYSEG - Dansville MGP

Job ID: 480-213867-1

Metals

Prep Batch: 688788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213867-1	WCS-20231016	TCLP	Solid	7470A	688554
LB 480-688554/1-C	Method Blank	TCLP	Solid	7470A	688554
MB 480-688788/2-A	Method Blank	Total/NA	Solid	7470A	
LCS 480-688788/3-A	Lab Control Sample	Total/NA	Solid	7470A	
480-213867-1 MS	WCS-20231016	TCLP	Solid	7470A	688554
480-213867-1 MSD	WCS-20231016	TCLP	Solid	7470A	688554

Analysis Batch: 688914

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213867-1	WCS-20231016	TCLP	Solid	7470A	688788
LB 480-688554/1-C	Method Blank	TCLP	Solid	7470A	688788
MB 480-688788/2-A	Method Blank	Total/NA	Solid	7470A	688788
LCS 480-688788/3-A	Lab Control Sample	Total/NA	Solid	7470A	688788
480-213867-1 MS	WCS-20231016	TCLP	Solid	7470A	688788
480-213867-1 MSD	WCS-20231016	TCLP	Solid	7470A	688788

Analysis Batch: 689476

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213867-1	WCS-20231016	TCLP	Solid	6010C	688775
LB 480-688554/1-B	Method Blank	TCLP	Solid	6010C	688775
MB 480-688775/2-A	Method Blank	Total/NA	Solid	6010C	688775
LCS 480-688775/3-A	Lab Control Sample	Total/NA	Solid	6010C	688775

General Chemistry

Analysis Batch: 688213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213867-1	WCS-20231016	Total/NA	Solid	Moisture	

Analysis Batch: 688310

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213867-1	WCS-20231016	Total/NA	Solid	1010A	
LCS 480-688310/1	Lab Control Sample	Total/NA	Solid	1010A	
480-213867-1 DU	WCS-20231016	Total/NA	Solid	1010A	

Analysis Batch: 688499

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213867-1	WCS-20231016	Total/NA	Solid	9095A	

Prep Batch: 688975

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213867-1	WCS-20231016	Total/NA	Solid	7.3.4	
MB 480-688975/1-A	Method Blank	Total/NA	Solid	7.3.4	
LCS 480-688975/2-A	Lab Control Sample	Total/NA	Solid	7.3.4	

Prep Batch: 688976

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213867-1	WCS-20231016	Total/NA	Solid	7.3.3	
MB 480-688976/1-A	Method Blank	Total/NA	Solid	7.3.3	
LCS 480-688976/2-A	Lab Control Sample	Total/NA	Solid	7.3.3	

General Chemistry

Analysis Batch: 689056

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213867-1	WCS-20231016	Total/NA	Solid	9045D	
LCS 480-689056/1	Lab Control Sample	Total/NA	Solid	9045D	
480-213867-1 DU	WCS-20231016	Total/NA	Solid	9045D	

Analysis Batch: 689112

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213867-1	WCS-20231016	Total/NA	Solid	9034	688975
MB 480-688975/1-A	Method Blank	Total/NA	Solid	9034	688975
LCS 480-688975/2-A	Lab Control Sample	Total/NA	Solid	9034	688975

Analysis Batch: 689170

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213867-1	WCS-20231016	Total/NA	Solid	9012	688976
MB 480-688976/1-A	Method Blank	Total/NA	Solid	9012	688976
LCS 480-688976/2-A	Lab Control Sample	Total/NA	Solid	9012	688976

Lab Chronicle

Client: New York State Electric & Gas
Project/Site: NYSEG - Dansville MGP

Job ID: 480-213867-1

Client Sample ID: WCS-20231016
Date Collected: 10/16/23 11:30
Date Received: 10/18/23 11:00

Lab Sample ID: 480-213867-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			688556	SMP	EET BUF	10/23/23 07:35 - 10/24/23 09:01 [1]
TCLP	Analysis	8260C		10	688787	ATG	EET BUF	10/24/23 16:53
TCLP	Leach	1311			688554	SMP	EET BUF	10/23/23 07:27 - 10/24/23 08:28 [1]
TCLP	Prep	3510C			688886	LSC	EET BUF	10/24/23 14:24
TCLP	Analysis	8270D		1	688961	JMM	EET BUF	10/25/23 13:59
TCLP	Leach	1311			688554	SMP	EET BUF	10/23/23 07:27 - 10/24/23 08:28 [1]
TCLP	Prep	3510C			688791	JMP	EET BUF	10/24/23 09:29
TCLP	Analysis	8081B		1	688752	JLS	EET BUF	10/24/23 16:55
TCLP	Leach	1311			688554	SMP	EET BUF	10/23/23 07:27 - 10/24/23 08:28 [1]
TCLP	Prep	8151A			688789	JMP	EET BUF	10/24/23 09:21
TCLP	Analysis	8151		1	689020	MAN	EET BUF	10/25/23 14:40
TCLP	Leach	1311			688554	SMP	EET BUF	10/23/23 07:27 - 10/24/23 08:28 [1]
TCLP	Prep	3010A			688775	MP	EET BUF	10/24/23 09:20
TCLP	Analysis	6010C		1	689476	LMH	EET BUF	10/26/23 14:33
TCLP	Leach	1311			688554	SMP	EET BUF	10/23/23 07:27 - 10/24/23 08:28 [1]
TCLP	Prep	7470A			688788	NVK	EET BUF	10/24/23 11:32
TCLP	Analysis	7470A		1	688914	NVK	EET BUF	10/24/23 16:04
Total/NA	Analysis	1010A		1	688310	KM	EET BUF	10/20/23 09:50
Total/NA	Prep	7.3.3			688976	AM	EET BUF	10/24/23 10:26
Total/NA	Analysis	9012		1	689170	AM	EET BUF	10/25/23 11:32
Total/NA	Prep	7.3.4			688975	AM	EET BUF	10/24/23 10:26
Total/NA	Analysis	9034		1	689112	AM	EET BUF	10/25/23 15:00
Total/NA	Analysis	9045D		1	689056	KB	EET BUF	10/24/23 20:30
Total/NA	Analysis	9095A		1	688499	CG	EET BUF	10/21/23 14:30
Total/NA	Analysis	Moisture		1	688213	AF	EET BUF	10/19/23 15:32

Client Sample ID: WCS-20231016
Date Collected: 10/16/23 11:30
Date Received: 10/18/23 11:00

Lab Sample ID: 480-213867-1
Matrix: Solid
Percent Solids: 91.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			688176	ER	EET BUF	10/19/23 11:49
Total/NA	Analysis	8082A		1	688197	NC	EET BUF	10/20/23 03:07

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

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

Accreditation/Certification Summary

Client: New York State Electric & Gas
Project/Site: NYSEG - Dansville MGP

Job ID: 480-213867-1

Laboratory: Eurofins Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
7470A	7470A	Solid	Mercury
9012	7.3.3	Solid	Cyanide, Reactive
9034	7.3.4	Solid	Sulfide, Reactive
9045D		Solid	Temperature
9095A		Solid	Free Liquid
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: New York State Electric & Gas
Project/Site: NYSEG - Dansville MGP

Job ID: 480-213867-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
8270D	TCLP Semivolatiles	SW846	EET BUF
8081B	Organochlorine Pesticides (GC)	SW846	EET BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET BUF
8151	TCLP Herbicides	SW846	EET BUF
6010C	TCLP Metals (ICP)	SW846	EET BUF
7470A	TCLP Mercury	SW846	EET BUF
1010A	Ignitability, Pensky-Martens Closed-Cup Method	SW846	EET BUF
9012	Cyanide, Reactive	SW846	EET BUF
9034	Sulfide, Reactive	SW846	EET BUF
9045D	pH	SW846	EET BUF
9095A	Paint Filter	SW846	EET BUF
Moisture	Percent Moisture	EPA	EET BUF
1311	TCLP Extraction	SW846	EET BUF
3010A	Preparation, Total Metals	SW846	EET BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET BUF
3550C	Ultrasonic Extraction	SW846	EET BUF
5030C	Purge and Trap	SW846	EET BUF
7.3.3	Cyanide, Reactive	SW846	EET BUF
7.3.4	Sulfide, Reactive	SW846	EET BUF
7470A	Preparation, Mercury	SW846	EET BUF
8151A	Extraction (Herbicides)	SW846	EET BUF

Protocol References:

EPA = US Environmental Protection Agency

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: New York State Electric & Gas
Project/Site: NYSEG - Dansville MGP

Job ID: 480-213867-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-213867-1	WCS-20231016	Solid	10/16/23 11:30	10/18/23 11:00

Address: _____

Chain of Custody Record

599272 eurofins | Environment Testing TestAmerica

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

Client Contact	Project Manager: Nicholas Beysle	Site Contact:	Date:	COC No:
Company Name: Arcadis	Tel/Email: nicholas.beysle@arcadis.com	Lab Contact: John Schove	Carrier:	1 of 1 COCs
Address: 100 Chestnut St, Ste 1020	Analysis Turnaround Time			Sampler:
City/State/Zip: Rochester, NY	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 805-501-8053	TAT if different from Below Standard			Walk-in Client:
Fax:	☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day			Lab Sampling:
Project Name: NYSEG - Dansville MGP				Job / SDG No.:
Site:				
PO# 4800636 4 (Lab PM)				

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Paint Filter-9095A	Reactive CN+Sulfide	TCLP Metals-6010C	TCLP Hg-7470A	TCLP Semi VOCs 8270D	TCLP Herb-8151A	TCLP Pest-8081B	TCLP VOCs-8260C	Flash-1010A	PH-9045D	PCBs-8082A	Sample Specific Notes:
WCS-20231016	10/16/23	1130	C	S	6			X	X	X	X	X	X	X	X	X	X	X	

480-213867 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☑ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

2.9# 1±C

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____

Relinquished by:	Company: Arcadis	Date/Time: 10/16/23 1825	Received by:	Company: EET	Date/Time: 10/17/23 09:15
Relinquished by:	Company: EET	Date/Time: 10/17/23 08:45	Received by:	Company: TA	Date/Time: 10/18/23 1100
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Page 31 of 32

10/30/2023

Login Sample Receipt Checklist

Client: New York State Electric & Gas

Job Number: 480-213867-1

Login Number: 213867
List Number: 1
Creator: Yeager, Brian A

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is 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 sample IDs on the containers 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	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	ARCADIS
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Appendix G

Waste Manifest and Disposal Weight Ticket

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	1		008902511 SKS

GENERATOR

5. Generator's Name and Mailing Address

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1.	1	CM	13600	K	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

EQ PO# W231829240 TRUCK # 4310 CONTAINER # 27211

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X ON BEHALF OF NS AGENT FOR MSEG — Signature — Month 12 Day 11 Year 23

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: JASON PERNAL — Signature — Month 12 Day 11 Year 23

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number: U.S. EPA ID Number

18b. Alternate Facility (or Generator)

Facility's Phone: Month Day Year

18c. Signature of Alternate Facility (or Generator)

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month Day Year

TRANSPORTER COPY

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

Q306 479 064

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CLEAN HARBORS ENVIRONMENTAL SERVICE
42 LONGWATER DR., PO BOX 9149
NORWELL, MA 02061-9149, USA

Generator Site Address:
NYD980531446, NYSGE
50 OSSIAN STREET
DANSVILLE, NY, 14437, USA

Receipt Preview

Receipt ID: 1397386
Customer ID: 2540
Manifest / BOL: 008902511SKS
Transporter: CLEAN HARBORS ENV. SVCS. INC
Transporter EPA ID: MAD039322250
Truck#: 4340
Date: 12/12/2023
Time In: 8:04 AM
Time Out: 9:53 AM

Line	Description Generator						Qty. Unit
1 - 1	K23-0145-WDI - soil and asphalt.						9.260 TONS
	Hazardous Surcharge Ton						9.260 TONS
	NYD980531446 NYSGE						
	Gross: 55,220 lbs.	Tare:	36,700 lbs.	Net:	18,520 lbs.		
2	e-Manifest Submission Fee						1.000 EACH
	NYD980531446 NYSGE					Charge relates to: 008902511SKS	
	Gross: 55,220 lbs.	Tare:	36,700 lbs.	Net:	18,520 lbs.		
3	K23-0145-WDI-TONS Additional charge due to load minimum						2.740 TONS
	NYD980531446 NYSGE					Charge relates to: 008902511SKS - 1	
	Gross: 55,220 lbs.	Tare:	36,700 lbs.	Net:	18,520 lbs.		
4	Wayne Disposal Host Community Agreement Royalty Fee						9.260 TONS
	NYD980531446 NYSGE					Charge relates to: 008902511SKS - 1	
	Gross: 55,220 lbs.	Tare:	36,700 lbs.	Net:	18,520 lbs.		

NO SALVAGING ON PREMISES

Arcadis of New York, Inc.
100 Chestnut Street, Suite 1020
Rochester
New York 14604
Phone: 585 385 0090
Fax: 585 546 1973
www.arcadis.com