2022 Annual Report

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

March 2023

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Acronyms and Abbreviations

AW	application well
BTEX	benzene, toluene, ethyl benzene, and xylenes
DNAPL	dense non-aqueous phase liquid
DO	dissolved oxygen
LNAPL	light non-aqueous phase liquid
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
PZ	piezometer
PMW	performance monitoring well
Q1	first quarter
Q2	second quarter
Q3	third quarter
Q4	fourth quarter
reporting period	January 2022 through December 2022
SMP	Site Management Plan

1 Introduction

This Annual Report summarizes monitoring results obtained and operation and maintenance (O&M) activities conducted during the 2022 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 2.25-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 report covers the period from January 2022 through December 2022 (reporting period) and includes data collected during 2022 quarterly visits (i.e., Q1 through Q4 2022). Access to off-site wells was secured in 2022, and components of the first year Post-Remediation Media Monitoring and Sampling described in the Site Management Plan (SMP) (Arcadis 2022) that were completed in 2021 (quarterly gauging and quarterly dissolved oxygen [DO] measurements) were repeated in 2022.

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 manual potentially mobile NAPL recovery;
- 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 DO monitoring.

Site well construction details are provided in the 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 – 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 twenty-six 4-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 objectives, this report presents the following:

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

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 report.

2 Monitoring and Results

Monitoring, gauging, and O&M tasks completed during the reporting period covered by this report 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 (Annual)	February 21-22, 2022	X	X		
Monitoring (Quarterly)	May 27, 2022	X	X		
Monitoring (Semi-Annual)	August 22-26, 2022	X	X	X	X
Monitoring (Quarterly)	November 17, 2022	X	X		

Monitoring and gauging during the reporting period consisted of:

- Quarterly groundwater elevation measurements in 14 MWs, 10 piezometers (PZs), 26 AWs, six PMWs, and two NRWs;
- Quarterly 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 quarterly (Q1 through Q4) 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
- 13 PZs (PZ13, PZ14, PZ17, PZ18, PZ19, PZ24, PZ25, PZ26, PZ29, PZ31, PZ32, PZ35, and PZ36).

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

Some of the locations (i.e., PZ13, PZ14, PZ18, PZ19, PZ24, PZ25, PZ26, and PZ35) were not gauged during all the quarterly monitoring events due to obstructed access or not having an approved access agreement, as noted in Table 2. PZ25 is believed to be currently located under a homeowner's swimming pool.

The water table surface and groundwater flow directions for each quarterly gauging event during the reporting period are presented on Figures 4 through 7, respectively. As shown on the figures, the general groundwater flow direction at the site was to the northwest during all four gauging events.

2.2 Non-Aqueous Phase Liquid Monitoring

NAPL monitoring was conducted quarterly 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).

The locations of the NRWs, MWs, PZs, AWs, and PMWs are shown on Figures 2 and 3. NAPL gauging data are presented in Table 2. Some locations (i.e., PZ13, PZ14, PZ18, PZ19, PZ24, PZ25, PZ26, and PZ35) were not gauged during all the quarterly monitoring events due to obstructed access or not having an approved access agreement, as noted in Table 2.

NAPL was not observed in the NRWs during the reporting period; however, light NAPL (LNAPL) was observed in MW-1802, MW-1803, PMW-03, PMW-04, AW-13, AW-21, and AW-22, and trace dense NAPL (DNAPL) was observed in MW-1802 and AW-13. 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 quarterly visit, as needed. As a Green Remediation effort, after a sorbent sock was used to passively remove LNAPL for a quarter, 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 2022

- MW-1802 – Observed trace LNAPL (inverted and re-installed sorbent sock).
- PMW-03 – Observed trace reddish brown LNAPL. LNAPL removal was attempted, but there was an insufficient quantity of LNAPL to be removed via bailing. A new sorbent sock was installed.

May 2022

- PMW-03 – Observed trace reddish brown LNAPL (inverted and re-installed sorbent sock).

August 2022

- MW-1802 – Observed trace LNAPL (installed new sorbent sock);
- MW-1803 – Observed trace LNAPL (installed new sorbent sock);
- PMW-03 – Observed trace LNAPL (installed new sorbent sock);
- PMW-04 – Observed trace LNAPL (installed new sorbent sock);
- AW-21 – Observed trace LNAPL (installed new sorbent sock); and
- AW-22 – Observed trace LNAPL (installed new sorbent sock).

November 2022

- No NAPL was observed.

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

As noted in the 2021 Annual Report, Post-Remediation Media Monitoring and Sampling during the first year of groundwater treatment was limited to groundwater elevation measurements at select wells to assess potentiometric surfaces and groundwater flow at the site. The planned sampling program to assess concentrations of BTEX and PAHs in on- and off-site groundwater was not completed in 2021 due to lack of approved access to off-site MWs. Access to these wells was granted prior to the 2022 groundwater monitoring event completed in Q3 (August 22 to 26, 2022).

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. In addition, a sample was not collected from PZ25 because the well is believed to be located under a homeowner's swimming pool.

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 Figures 8 and 9, respectively.

Arcadis reviewed the laboratory data package for the Q3 sampling 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 8.

Analytical results for samples collected during the Q3 monitoring event indicate the following:

- One or more BTEX constituents were detected at concentrations greater than NYSDEC groundwater quality standards in groundwater collected from 10 wells (MW04S, MW-1801, MW-1802, MW-1803, MW-1805, MW-1806, MW-1807, MW-1808, PZ18, and PZ36).
- At these 10 locations, total BTEX concentrations increased at one location and decreased at eight locations, when compared to results from the last time each location was sampled.

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 9.

Analytical results for samples collected during the Q3 2022 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 nine wells (MW04S, MW-1801, MW-1802, MW-1803, MW-1805, MW-1806, MW-1807, MW-1808, and PZ36).
- At these nine locations, total PAH concentrations increased at three locations and decreased at five locations, 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 Q3 site visit.

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

3.1 Oxygen-Releasing Substrate Application and Monitoring

The second year of ORS application was performed during the Q1 and Q3 monitoring events. Prior to removing the spent ORS during each site visit, DO concentrations were measured in the AWs and PMWs using a DO field meter. Following DO measurements, the ORS was removed, the canisters were cleaned and rinsed, and a new ORS sleeve was deployed. Additional DO measurements were collected during the Q2 and Q4 events.

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 during the Q3 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 well network (with access at the time of inspection), including protective covers, well caps, and general well integrity, was completed and is saved in the project file.

Arcadis observed the following deficiencies that require repair:

- MW-1801 – Both bolts securing the road box lid are missing.
- MW-1803 – One bolt securing the road box lid is missing.
- MW-1805 – Both bolts securing the road box lid are missing a bolt head and are rusted in the bolt tabs.
- MW-1806 – One bolt securing the road box lid is missing.
- PZ25 – It is believed this location is currently under an above ground swimming pool.

The following deficiencies were observed in wells not included in the SMP Media Monitoring and Sampling Plan (Arcadis 2022):

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

Recommendations to correct the deficiencies 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 each quarterly site visit, 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 gauging event results are summarized below.

Monitoring Wells

- Ten of the 11 MWs contained less than 1 foot of accumulated sediments.
- MW04S had approximately 2 feet of accumulated sediments.

Piezometers

- Five of the 12 PZs gauged contained less than 1 foot of accumulated sediments (Note: PZ-25 was not gauged).
- PZ13 and PZ14 had approximately 2 feet of accumulated sediments.
- PZ19 had approximately 3 feet of accumulated sediments.
- PZ26 had approximately 10 feet of accumulated sediments.
- PZ31 had approximately 3 feet of accumulated sediments.
- PZ32 had approximately 4.5 feet of accumulated sediments.
- PZ35 had approximately 13.5 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 26, 2022, to identify potential surface cover erosion, settling, or disturbance within the former MGP footprint. The 2022 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.

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.

5 Conclusions and Recommendations

Conclusions and recommendations based on the first 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 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 not observed in measurable thicknesses in the wells monitored for LNAPL. Sorbent socks placed in the wells were successful at removing the minimal quantity of LNAPL entering the wells.
  - DNAPL is not present in sufficient quantity to be removed by active methods (e.g., pumping or bailing).
- Groundwater Quality:
  - Total BTEX and total PAH concentrations in groundwater were consistent with historical results and show an overall decreasing trend.
- Oxygen-Releasing Substrate Monitoring
  - ORS has increased DO in the AWs and, in general, has increased DO in the PMWs when compared to baseline DO measurements collected February 24, 2021.
- Well Network:
  - Deficiencies in the condition of four MW surface completions and obstructed access to one PZ were identified during the site inspection. Recommendations for repair/well installation are provided in Section 5.2.
  - Accumulated sediment was observed in several wells ranging in thicknesses from less than 1 foot to approximately 13.5 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 presented in the following subsections.

- Media Monitoring and Sampling:
  - Continue conducting Media Monitoring and Sampling as described in the SMP (Arcadis 2022).
  - Continue well gauging as described in the SMP. Well gauging in 2023 will be semi-annual (Year 2) as per the SMP.
  - Continue annual groundwater monitoring as described in the SMP.

- NAPL Monitoring:
  - Continue gauging NRWs, MWs, AWs, and PMWs for the presence of NAPL, and if present, remove to the extent practicable. NAPL monitoring in 2023 will be semi-annual (Year 2) as per the SMP.
- O&M
  - Continue conducting O&M as described in the SMP.
  - Conduct the following repairs to address deficiencies in the well network observed during the reporting period:
    - Remove accumulated sediment via manual bailing at MW04S, PZ13, PZ14, PZ19, PZ26, PZ31, PZ32, PZ35, and PZ36.
    - Remove debris from the old road box and install a new road box surface completion at MW01D.
    - Install two new bolts at MW-1801.
    - Install one new bolt at MW-1803 and MW-1806.
    - Drill out old bolts in bolt tabs and re-tap for new bolts at MW-1805.
    - Replace PZ25 with a new well (PZ25R) installed adjacent to PZ25 and constructed to the same depth and screened interval.
- Continue preparing annual reports as described in the SMP.

6 References

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

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.

Tables

Table 2
Gauging Data
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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
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
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
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					
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
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
			8/22/2022	10.81	670.43	NA	NA	19.22	0.28
			11/17/2022	Could not locate					
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					

See Notes on Page 9.

Table 2
Gauging Data
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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)
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
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
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
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
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
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
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

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MW04S (cont.)	686.01	20.00	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
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
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
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
			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
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
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
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

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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
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
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
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
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
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
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

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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
			11/17/2022	10.70	674.89	NA	NA	19.45	0.07
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
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
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
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
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
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
			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

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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
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
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
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
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
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
			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
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

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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
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
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
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
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
			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	-16.44
			11/17/2022	9.96	677.63	NA	NA	16.37	0.33
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
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

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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
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
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
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
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
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	-19.00
			8/22/2022	10.82	674.88	NA	NA	19.02	-19.02
			11/17/2022	10.76	674.94	NA	NA	18.98	0.08
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

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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)
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
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
			11/17/2022	9.90	677.11	NA	NA	16.60	0.05
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

Notes:
1. All measurements from bTOC.
2. Elevations referenced to North American Vertical Datum of 1988. Elevations resurveyed August 24, 2022.

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.
TR - Trace

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Location ID:	NYSDEC Groundwater Standards & Guidance Values	Units	MW04S			MW-1801		MW-1802		MW-1803		MW-1804		MW-1805		MW-1806
Date Collected:			11/14/05	12/20/18	08/24/22	12/19/18	08/24/22	12/19/18	08/26/22	12/19/18	08/23/22	12/19/18	08/23/22	12/20/18	08/25/22	08/26/22
Volatile Organics																
Benzene	1	ug/L	**59**	**22**	**38**	**34**	**40**	10 U	10 U	**54**	**12**	1.0 U	1.0 U	**55**	**49**	10 U
Ethylbenzene	5	ug/L	**110 D**	**92**	**130**	**290 J**	**190**	**380**	**190**	**350**	**150**	1.0 U	1.0 U	**180**	**150**	**21**
m,p-Xylene	5	ug/L	NA	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	NA
Toluene	5	ug/L	**19**	**5.4**	**5.4**	**12**	**5.2**	**8.6 J**	**6.3 J**	**11**	10 U	1.0 U	1.0 U	**8.4**	**6.6**	10 U
Xylenes (total)	5	ug/L	**100**	**29**	**54**	**80**	**69**	**240**	**110**	**250**	**100**	2.0 U	2.0 U	**57**	**66**	**26**
Total BTEX	- -	ug/L	**290**	**150**	**230**	**420 J**	**300**	**630 J**	**310 J**	**670**	**260**	ND	ND	**300**	**270**	**47**
Semivolatile Organics																
2-Methylnaphthalene	- -	ug/L	**6.0 DJ**	NA	**36 J**	NA	**4.0 J**	NA	**14 J**	NA	50 U	NA	5.4 U	NA	**19 J**	50 U
Acenaphthene	20	ug/L	**190 D**	**82**	**190**	**110**	**110**	**260 D**	**120**	**180 D**	**240**	5.0 U	5.4 U	**170**	**170**	**26 J**
Acenaphthylene	- -	ug/L	**9.0**	**4.3 J**	**7.4 J**	**8.1 J**	**7.9 J**	**18**	100 U	**16**	**45 J**	5.0 U	5.4 U	**9.1 J**	**8.0 J**	50 U
Anthracene	50	ug/L	**16**	**5.0 J**	**11 J**	**13 J**	**14 J**	**13**	**12 J**	**14**	**15 J**	5.0 U	5.4 U	**15 J**	**14 J**	50 U
Benzo(a)anthracene	0.002	ug/L	**2.0 J**	50 U	52 U	25 U	26 U	**0.82 J**	100 U	**0.53 J**	50 U	5.0 U	5.4 U	25 U	25 U	**7.5 J**
Benzo(a)pyrene	0	ug/L	**2.0 J**	50 U	52 U	25 U	26 U	**0.67 J**	100 U	5.0 U	50 U	5.0 U	5.4 U	25 U	25 U	**6.1 J**
Benzo(b)fluoranthene	0.002	ug/L	**2.0 J**	50 U	52 U	25 U	26 U	**0.56 J**	100 U	5.0 U	50 U	5.0 U	5.4 U	25 U	25 U	**4.6 J**
Benzo(g,h,i)perylene	- -	ug/L	**0.70 J**	50 U	52 U	25 U	26 U	5.0 U	100 U	5.0 U	50 U	5.0 U	5.4 U	25 U	25 U	50 U
Benzo(k)fluoranthene	0.002	ug/L	**2.0 J**	50 U	52 U	25 U	26 U	5.0 U	100 U	5.0 U	50 U	5.0 U	5.4 U	25 U	25 U	50 U
Chrysene	0.002	ug/L	**2.0 J**	50 U	52 U	25 U	26 U	**1.1 J**	100 U	**0.55 J**	50 U	5.0 U	5.4 U	25 U	25 U	**5.1 J**
Dibenzo(a,h)anthracene	- -	ug/L	9.0 U	50 U	52 U	25 U	26 U	5.0 U	100 U	5.0 U	50 U	5.0 U	5.4 U	25 U	25 U	50 U
Fluoranthene	50	ug/L	**10**	50 U	52 U	**4.6 J**	**5.0 J**	**8.7**	**8.9 J**	**5.5**	**4.6 J**	5.0 U	5.4 U	**4.7 J**	**3.7 J**	**15 J**
Fluorene	50	ug/L	**61**	**25 J**	**62**	**43**	**40**	**64**	**34 J**	**48**	**74**	5.0 U	5.4 U	**61**	**58**	50 U
Indeno(1,2,3-cd)pyrene	0.002	ug/L	**0.50 J**	50 U	52 U	25 U	26 U	5.0 U	100 U	5.0 U	50 U	5.0 U	5.4 U	25 U	25 U	50 U
Naphthalene	10	ug/L	**340 D**	50 U	**340**	**57**	**170**	**770 D**	**680**	5.0 U	**150**	5.0 U	5.4 U	**260**	**180**	50 U
Phenanthrene	50	ug/L	**84**	**29 J**	**73**	**58**	**62**	**88 DJ**	**36 J**	**63**	**67**	5.0 U	5.4 U	**74**	**68**	50 U
Pyrene	50	ug/L	**13**	50 U	**5.0 J**	**6.5 J**	**6.9 J**	**10**	**12 J**	**5.4**	**5.4 J**	5.0 U	5.4 U	**5.5 J**	**4.5 J**	**16 J**
Total PAHs	- -	ug/L	**740 J**	**150 J**	**720 J**	**300 J**	**420 J**	**1200 J**	**920 J**	**330 J**	**600 J**	ND	ND	**600 J**	**530 J**	**80 J**

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Location ID:	NYSDEC Groundwater Standards & Guidance Values	Units	MW-1807		MW-1808		MW-1809		MW-1810		PZ13				PZ13		
Date Collected:			12/20/18	08/25/22	12/19/18	08/24/22	12/20/18	08/25/22	12/21/18	08/25/22	09/29/04	11/08/05	09/06/07	01/03/08	02/18/10	08/04/10	06/14/11
Volatile Organics																	
Benzene	1	ug/L	**14**	**11**	**110**	**21**	1.0 U	1.0 U	**0.89 J**	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	5	ug/L	**7.0**	**2.6**	**170**	**24**	1.0 U	1.0 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	5.0 U
m,p-Xylene	5	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U	10 U	10 U	10 U	10 U
o-Xylene	5	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U
Toluene	5	ug/L	**0.87 J**	**0.90 J**	**4.4 J**	5.0 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	5.0 U	5.0 U	5.0 U
Xylenes (total)	5	ug/L	**5.0**	**3.9**	**170**	**13**	2.0 U	2.0 U	2.0 U	2.0 U	15 U	15 U	ND	ND	ND	ND	ND
Total BTEX	- -	ug/L	**27 J**	**18 J**	**450 J**	**58**	ND	ND	**0.89 J**	ND	ND	ND	ND	ND	ND	ND	ND
Semivolatile Organics																	
2-Methylnaphthalene	- -	ug/L	NA	54 U	NA	25 U	NA	5.4 U	NA	5.2 U	10 U	10 U	10 U	10 U	NA	NA	NA
Acenaphthene	20	ug/L	**76**	**31 J**	**33**	**60**	5.0 U	5.4 U	5.0 U	5.2 U	**4.0 J**	10 U	10 U	10 U	NA	NA	NA
Acenaphthylene	- -	ug/L	**4.8 J**	54 U	**5.0 J**	**7.5 J**	5.0 U	5.4 U	**0.55 J**	5.2 U	10 U	10 U	NA	NA	NA	NA	NA
Anthracene	50	ug/L	**14 J**	54 U	**3.4 J**	**3.5 J**	5.0 U	5.4 U	5.0 U	5.2 U	10 U	10 U	10 U	10 U	NA	NA	NA
Benzo(a)anthracene	0.002	ug/L	50 U	54 U	25 U	25 U	5.0 U	5.4 U	5.0 U	5.2 U	10 U	10 U	10 U	10 U	NA	NA	NA
Benzo(a)pyrene	0	ug/L	50 U	54 U	25 U	25 U	5.0 U	5.4 U	5.0 U	5.2 U	10 U	10 U	10 U	10 U	NA	NA	NA
Benzo(b)fluoranthene	0.002	ug/L	50 U	54 U	25 U	25 U	5.0 U	5.4 U	5.0 U	5.2 U	10 U	10 U	10 U	10 U	NA	NA	NA
Benzo(g,h,i)perylene	- -	ug/L	50 U	54 U	25 U	25 U	5.0 U	5.4 U	5.0 U	5.2 U	10 U	10 U	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.002	ug/L	50 U	54 U	25 U	25 U	5.0 U	5.4 U	5.0 U	5.2 U	10 U	10 U	10 U	10 U	NA	NA	NA
Chrysene	0.002	ug/L	50 U	54 U	25 U	25 U	5.0 U	5.4 U	5.0 U	5.2 U	10 U	10 U	10 U	10 U	NA	NA	NA
Dibenzo(a,h)anthracene	- -	ug/L	50 U	54 U	25 U	25 U	5.0 U	5.4 U	5.0 U	5.2 U	10 U	10 U	NA	NA	NA	NA	NA
Fluoranthene	50	ug/L	**8.4 J**	**5.9 J**	25 U	25 U	**0.56 J**	5.4 U	5.0 U	5.2 U	10 U	10 U	10 U	10 U	NA	NA	NA
Fluorene	50	ug/L	**42 J**	**16 J**	**13 J**	**21 J**	5.0 U	5.4 U	5.0 U	5.2 U	10 U	10 U	10 U	10 U	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.002	ug/L	50 U	54 U	25 U	25 U	5.0 U	5.4 U	5.0 U	5.2 U	10 U	10 U	10 U	10 U	NA	NA	NA
Naphthalene	10	ug/L	50 U	54 U	**170**	**14 J**	5.0 U	5.4 U	5.0 U	5.2 U	10 U	10 U	10 U	10 U	NA	NA	NA
Phenanthrene	50	ug/L	**40 J**	54 U	**12 J**	**28**	**1.1 J**	5.4 U	5.0 U	5.2 U	10 U	10 U	10 U	10 U	NA	NA	NA
Pyrene	50	ug/L	**11 J**	**7.0 J**	**1.8 J**	**2.2 J**	**0.82 J**	5.4 U	5.0 U	5.2 U	**1.0 J**	10 U	10 U	10 U	NA	NA	NA
Total PAHs	- -	ug/L	**200 J**	**60 J**	**240 J**	**140 J**	**2.5 J**	ND	**0.55 J**	ND	**5.0 J**	ND	ND	ND	NA	NA	NA

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Location ID:	NYSDEC Groundwater Standards & Guidance Values	Units	PZ13				PZ14			PZ17			PZ18			
Date Collected:			03/20/12	11/13/12	12/20/18	08/25/22	09/29/04	11/08/05	08/25/22	09/02/05	11/10/05	08/24/22	09/30/04	11/11/05	12/20/18	08/25/22
Volatile Organics																
Benzene	1	ug/L	5.0 U	5.0 U	1.0 U	1.0 U	5.0 U	**1.0 J**	1.0 U	5.0 U	5.0 U	1.0 U	**69**	**93**	**710**	**240**
Ethylbenzene	5	ug/L	5.0 U	5.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	5.0 U	5.0 U	1.0 U	**4.0 J**	**7.0**	10 U	4.0 U
m,p-Xylene	5	ug/L	10 U	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	5	ug/L	5.0 U	5.0 U	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	5.0 U	1.0 U	5.0 U	5.0 U	1.0 U	5.0 U	**1.0 J**	10 U	4.0 U
Xylenes (total)	5	ug/L	ND	ND	2.0 U	2.0 U	15 U	15 U	2.0 U	15 U	15 U	2.0 U	15 U	**6.0 J**	20 U	8.0 U
Total BTEX	- -	ug/L	ND	ND	ND	ND	ND	**1.0 J**	ND	ND	ND	ND	**73 J**	**110 J**	**710**	**240**
Semivolatile Organics																
2-Methylnaphthalene	- -	ug/L	NA	NA	NA	5.4 U	10 U	10 U	5.4 U	10 U	10 U	5.0 U	10 U	10 U	NA	5.4 U
Acenaphthene	20	ug/L	NA	NA	5.0 U	5.4 U	10 U	10 U	5.4 U	10 U	10 U	5.0 U	10 U	10 U	5.0 U	**0.56 J**
Acenaphthylene	- -	ug/L	NA	NA	5.0 U	5.4 U	10 U	10 U	5.4 U	10 U	10 U	5.0 U	10 U	10 U	5.0 U	5.4 U
Anthracene	50	ug/L	NA	NA	5.0 U	5.4 U	10 U	10 U	5.4 U	10 U	10 U	5.0 U	10 U	10 U	5.0 U	5.4 U
Benzo(a)anthracene	0.002	ug/L	NA	NA	5.0 U	5.4 U	10 U	10 U	5.4 U	10 U	10 U	5.0 U	10 U	10 U	5.0 U	5.4 U
Benzo(a)pyrene	0	ug/L	NA	NA	5.0 U	5.4 U	10 U	10 U	5.4 U	10 U	10 U	5.0 U	10 U	10 U	5.0 U	5.4 U
Benzo(b)fluoranthene	0.002	ug/L	NA	NA	5.0 U	5.4 U	10 U	10 U	5.4 U	10 U	10 U	5.0 U	10 U	10 U	5.0 U	5.4 U
Benzo(g,h,i)perylene	- -	ug/L	NA	NA	5.0 U	5.4 U	10 U	10 U	5.4 U	10 U	10 U	5.0 U	10 U	10 U	5.0 U	5.4 U
Benzo(k)fluoranthene	0.002	ug/L	NA	NA	5.0 U	5.4 U	10 U	10 U	5.4 U	10 U	10 U	5.0 U	10 U	10 U	5.0 U	5.4 U
Chrysene	0.002	ug/L	NA	NA	5.0 U	5.4 U	10 U	10 U	5.4 U	10 U	10 U	5.0 U	10 U	10 U	5.0 U	5.4 U
Dibenzo(a,h)anthracene	- -	ug/L	NA	NA	5.0 U	5.4 U	10 U	10 U	5.4 U	10 U	10 U	5.0 U	10 U	10 U	5.0 U	5.4 U
Fluoranthene	50	ug/L	NA	NA	5.0 U	5.4 U	10 U	10 U	5.4 U	10 U	10 U	5.0 U	10 U	10 U	5.0 U	5.4 U
Fluorene	50	ug/L	NA	NA	5.0 U	5.4 U	10 U	10 U	5.4 U	10 U	10 U	5.0 U	10 U	10 U	5.0 U	5.4 U
Indeno(1,2,3-cd)pyrene	0.002	ug/L	NA	NA	5.0 U	5.4 U	10 U	10 U	5.4 U	10 U	10 U	5.0 U	10 U	10 U	5.0 U	5.4 U
Naphthalene	10	ug/L	NA	NA	5.0 U	5.4 U	10 U	10 U	5.4 U	10 U	10 U	5.0 U	10 U	10 U	5.0 U	5.4 U
Phenanthrene	50	ug/L	NA	NA	5.0 U	5.4 U	10 U	10 U	5.4 U	10 U	10 U	5.0 U	10 U	10 U	5.0 U	5.4 U
Pyrene	50	ug/L	NA	NA	5.0 U	5.4 U	10 U	10 U	5.4 U	10 U	10 U	5.0 U	10 U	10 U	5.0 U	5.4 U
Total PAHs	- -	ug/L	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.56 J**

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Location ID:	NYSDEC Groundwater Standards & Guidance Values	Units	PZ19			PZ24										
Date Collected:			09/02/05	11/10/05	08/24/22	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
Volatile Organics																
Benzene	1	ug/L	5.0 U	5.0 U	10 U	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
Ethylbenzene	5	ug/L	5.0 U	5.0 U	10 U	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
m,p-Xylene	5	ug/L	NA	NA	NA	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NA	NA
o-Xylene	5	ug/L	NA	NA	NA	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
Toluene	5	ug/L	5.0 U	5.0 U	10 U	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
Xylenes (total)	5	ug/L	15 U	15 U	20 U	15 U	**100 D**	ND	ND	ND	ND	ND	ND	ND	2.0 U	2.0 U
Total BTEX	- -	ug/L	ND	ND	ND	ND	**100 J**	ND	ND	ND	ND	**0.56 J**	**1.0 J**	ND	**0.66 J**	ND
Semivolatile Organics																
2-Methylnaphthalene	- -	ug/L	10 U	9.0 U	5.7 U	10 U	10 U	10 U	10 U	11 U	10 U	NA	NA	NA	NA	5.0 U
Acenaphthene	20	ug/L	10 U	9.0 U	5.7 U	10 U	10 U	10 U	10 U	11 U	10 U	NA	NA	NA	5.0 U	5.0 U
Acenaphthylene	- -	ug/L	10 U	9.0 U	5.7 U	10 U	10 U	NA	NA	NA	NA	NA	NA	NA	5.0 U	5.0 U
Anthracene	50	ug/L	10 U	9.0 U	5.7 U	10 U	10 U	10 U	10 U	11 U	10 U	NA	NA	NA	5.0 U	5.0 U
Benzo(a)anthracene	0.002	ug/L	10 U	9.0 U	5.7 U	10 U	10 U	10 U	10 U	11 U	10 U	NA	NA	NA	5.0 U	5.0 U
Benzo(a)pyrene	0	ug/L	10 U	9.0 U	5.7 U	10 U	10 U	10 U	10 U	11 U	10 U	NA	NA	NA	5.0 U	5.0 U
Benzo(b)fluoranthene	0.002	ug/L	10 U	9.0 U	5.7 U	10 U	10 U	10 U	10 U	11 U	10 U	NA	NA	NA	5.0 U	5.0 U
Benzo(g,h,i)perylene	- -	ug/L	10 U	9.0 U	5.7 U	10 U	10 U	NA	NA	NA	NA	NA	NA	NA	5.0 U	5.0 U
Benzo(k)fluoranthene	0.002	ug/L	10 U	9.0 U	5.7 U	10 U	10 U	10 U	10 U	11 U	10 U	NA	NA	NA	5.0 U	5.0 U
Chrysene	0.002	ug/L	10 U	9.0 U	5.7 U	10 U	10 U	10 U	10 U	11 U	10 U	NA	NA	NA	5.0 U	5.0 U
Dibenzo(a,h)anthracene	- -	ug/L	10 U	9.0 U	5.7 U	10 U	10 U	NA	NA	NA	NA	NA	NA	NA	5.0 U	5.0 U
Fluoranthene	50	ug/L	10 U	9.0 U	5.7 U	10 U	10 U	10 U	10 U	11 U	10 U	NA	NA	NA	5.0 U	5.0 U
Fluorene	50	ug/L	10 U	9.0 U	5.7 U	10 U	10 U	10 U	10 U	11 U	10 U	NA	NA	NA	5.0 U	5.0 U
Indeno(1,2,3-cd)pyrene	0.002	ug/L	10 U	9.0 U	5.7 U	10 U	10 U	10 U	10 U	11 U	10 U	NA	NA	NA	5.0 U	5.0 U
Naphthalene	10	ug/L	10 U	9.0 U	5.7 U	10 U	10 U	10 U	10 U	11 U	10 U	NA	NA	NA	5.0 U	5.0 U
Phenanthrene	50	ug/L	10 U	9.0 U	5.7 U	10 U	10 U	10 U	**1.6 J**	11 U	10 U	NA	NA	NA	5.0 U	5.0 U
Pyrene	50	ug/L	10 U	9.0 U	5.7 U	10 U	10 U	10 U	10 U	11 U	10 U	NA	NA	NA	5.0 U	5.0 U
Total PAHs	- -	ug/L	ND	ND	ND	ND	ND	ND	**1.6 J**	ND	ND	NA	NA	NA	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	05/17/05	11/10/05	09/05/07	01/02/08	02/18/10	08/04/10	06/14/11
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	5.0 U	5.0 U	5.0 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	5.0 U	5.0 U	5.0 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	10 U	10 U	10 U	10 U	10 U
o-Xylene	5	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.0 U	5.0 U	5.0 U	5.0 UJ	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	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Xylenes (total)	5	ug/L	**110**	**84**	15 U	15 U	15 U	**4.0 J**	2.0 U	2.0 U	15 U	15 U	ND	ND	ND	ND	ND
Total BTEX	- -	ug/L	**330**	**320**	ND	ND	ND	**7.5 J**	ND	ND	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	10 U	10 U	10 U	10 U	NA	NA	NA
Acenaphthene	20	ug/L	**11**	**11**	10 U	10 U	10 U	10 U	5.0 U	5.0 U	10 U	10 U	10 U	10 U	NA	NA	NA
Acenaphthylene	- -	ug/L	**23**	**30**	10 U	10 U	10 U	10 U	5.0 U	5.0 U	10 U	10 U	NA	NA	NA	NA	NA
Anthracene	50	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5.0 U	5.0 U	10 U	10 U	10 UJ	10 U	NA	NA	NA
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	10 U	10 U	10 U	10 U	NA	NA	NA
Benzo(a)pyrene	0	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5.0 U	5.0 U	10 U	10 U	10 U	10 U	NA	NA	NA
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	10 U	10 U	10 U	10 U	NA	NA	NA
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	10 U	10 U	NA	NA	NA	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	10 U	10 U	10 U	10 U	NA	NA	NA
Chrysene	0.002	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5.0 U	5.0 U	10 U	10 U	10 U	10 U	NA	NA	NA
Dibenzo(a,h)anthracene	- -	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5.0 U	5.0 U	10 U	10 U	NA	NA	NA	NA	NA
Fluoranthene	50	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5.0 U	5.0 U	10 U	10 U	10 UJ	10 U	NA	NA	NA
Fluorene	50	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5.0 U	5.0 U	10 U	10 U	10 UJ	10 U	NA	NA	NA
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	10 U	10 U	10 U	10 U	NA	NA	NA
Naphthalene	10	ug/L	**56**	**45**	10 U	10 U	10 U	10 U	5.0 U	5.0 U	10 U	10 U	10 U	10 U	NA	NA	NA
Phenanthrene	50	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5.0 U	5.0 U	10 U	10 U	10 UJ	10 U	NA	NA	NA
Pyrene	50	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	5.0 U	5.0 U	10 U	10 U	10 U	10 U	NA	NA	NA
Total PAHs	- -	ug/L	**130 J**	**140**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA

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Location ID:	NYSDEC Groundwater Standards & Guidance Values	Units	PZ31			PZ32										
Date Collected:			03/20/12	11/13/12	08/25/22	05/18/05	11/10/05	09/05/07	01/03/08	02/17/10	08/04/10	06/14/11	03/20/12	11/13/12	12/20/18	08/24/22
Volatile Organics																
Benzene	1	ug/L	5.0 U	5.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**1.4 J**	5.0 U	1.0 U	1.0 U
Ethylbenzene	5	ug/L	5.0 U	5.0 U	1.0 U	**2.0 J**	5.0 U	**3.6 J**	5.0 U	5.0 U	**1.2 J**	5.0 U	**3.0 J**	**1.1 J**	1.0 U	1.0 U
m,p-Xylene	5	ug/L	10 U	10 U	NA	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NA	NA
o-Xylene	5	ug/L	5.0 U	5.0 U	NA	NA	NA	**5.1**	5.0 U	5.0 U	**1.3 J**	5.0 U	**3.0 J**	5.0 U	NA	NA
Toluene	5	ug/L	5.0 U	5.0 U	1.0 U	5.0 U	5.0 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
Xylenes (total)	5	ug/L	ND	ND	2.0 U	**2.0 J**	15 U	**5.1**	ND	ND	**1.3 J**	ND	**3.0 J**	ND	2.0 U	2.0 U
Total BTEX	- -	ug/L	ND	ND	ND	**4.0 J**	ND	**8.7 J**	ND	ND	**2.5 J**	ND	**7.4 J**	**1.1 J**	ND	ND
Semivolatile Organics																
2-Methylnaphthalene	- -	ug/L	NA	NA	5.0 U	**10**	**0.60 J**	**6.9 J**	10 U	NA	NA	NA	NA	NA	NA	5.2 U
Acenaphthene	20	ug/L	NA	NA	5.0 U	**15**	**2.0 J**	**9.9 J**	**2.1 J**	NA	NA	NA	NA	NA	5.0 U	5.2 U
Acenaphthylene	- -	ug/L	NA	NA	5.0 U	9.0 U	**2.0 J**	NA	NA	NA	NA	NA	NA	NA	5.0 U	5.2 U
Anthracene	50	ug/L	NA	NA	5.0 U	**3.0 J**	**0.80 J**	10 UJ	10 U	NA	NA	NA	NA	NA	5.0 U	5.2 U
Benzo(a)anthracene	0.002	ug/L	NA	NA	5.0 U	9.0 U	10 U	10 U	10 U	NA	NA	NA	NA	NA	5.0 U	5.2 U
Benzo(a)pyrene	0	ug/L	NA	NA	5.0 U	9.0 U	10 U	10 U	10 U	NA	NA	NA	NA	NA	5.0 U	5.2 U
Benzo(b)fluoranthene	0.002	ug/L	NA	NA	5.0 U	9.0 U	10 U	10 U	10 U	NA	NA	NA	NA	NA	5.0 U	5.2 U
Benzo(g,h,i)perylene	- -	ug/L	NA	NA	5.0 U	9.0 U	10 U	NA	NA	NA	NA	NA	NA	NA	5.0 U	5.2 U
Benzo(k)fluoranthene	0.002	ug/L	NA	NA	5.0 U	9.0 U	10 U	10 U	10 U	NA	NA	NA	NA	NA	5.0 U	5.2 U
Chrysene	0.002	ug/L	NA	NA	5.0 U	9.0 U	10 U	10 U	10 U	NA	NA	NA	NA	NA	5.0 U	5.2 U
Dibenzo(a,h)anthracene	- -	ug/L	NA	NA	5.0 U	9.0 U	10 U	NA	NA	NA	NA	NA	NA	NA	5.0 U	5.2 U
Fluoranthene	50	ug/L	NA	NA	5.0 U	**2.0 J**	**1.0 J**	**1.6 J**	10 U	NA	NA	NA	NA	NA	5.0 U	5.2 U
Fluorene	50	ug/L	NA	NA	5.0 U	**7.0 J**	**0.80 J**	10 UJ	10 U	NA	NA	NA	NA	NA	5.0 U	5.2 U
Indeno(1,2,3-cd)pyrene	0.002	ug/L	NA	NA	5.0 U	9.0 U	10 U	10 U	10 U	NA	NA	NA	NA	NA	5.0 U	5.2 U
Naphthalene	10	ug/L	NA	NA	5.0 U	9.0 U	10 U	10 U	10 U	NA	NA	NA	NA	NA	5.0 U	5.2 U
Phenanthrene	50	ug/L	NA	NA	5.0 U	**7.0 J**	**0.60 J**	**1.7 J**	10 U	NA	NA	NA	NA	NA	5.0 U	5.2 U
Pyrene	50	ug/L	NA	NA	5.0 U	**3.0 J**	**2.0 J**	**2.0 J**	10 U	NA	NA	NA	NA	NA	5.0 U	5.2 U
Total PAHs	- -	ug/L	NA	NA	ND	**47 J**	**9.8 J**	**22 J**	**2.1 J**	NA	NA	NA	NA	NA	ND	ND

See Notes on Page 8.

Table 3
Groundwater Analytical Data
2022 Annual Report
New York State Electric & Gas
Dansville Former Manufactured Gas Plant Site

Location ID:	NYSDEC Groundwater Standards & Guidance Values	Units	PZ35		PZ36						PZ36				
Date Collected:			05/17/05	11/11/05	05/18/05	11/10/05	09/05/07	01/02/08	02/17/10	08/03/10	06/14/11	03/20/12	11/13/12	12/20/18	08/24/22
Volatile Organics															
Benzene	1	ug/L	5.0 U	5.0 U	**5.0**	**32**	**36**	**13**	**9.4**	**21**	**14**	**17**	**29**	**12**	**3.8**
Ethylbenzene	5	ug/L	5.0 U	5.0 U	**4.0 J**	**170**	**76**	**21**	**23**	**60**	5.0 U	**67**	**70**	**4.5**	**1.3**
m,p-Xylene	5	ug/L	NA	NA	NA	NA	**25**	**8.8 J**	**3.9 J**	**11**	10 U	**12**	**10**	NA	NA
o-Xylene	5	ug/L	NA	NA	NA	NA	**68**	**33**	**25**	**34 J**	**7.4**	**46**	**57**	NA	NA
Toluene	5	ug/L	5.0 U	5.0 U	5.0 U	**20**	**13**	**4.3 J**	5.0 U	**5.3**	5.0 U	**6.7**	**7.8**	1.0 U	1.0 U
Xylenes (total)	5	ug/L	15 U	15 U	**16**	**150**	**93**	**42 J**	**29 J**	**45 J**	**7.4**	**58**	**67**	**2.5**	2.0 U
Total BTEX	- -	ug/L	ND	ND	**25 J**	**370**	**220**	**80 J**	**61 J**	**130 J**	**21**	**150**	**170**	**19**	**5.1**
Semivolatile Organics															
2-Methylnaphthalene	- -	ug/L	9.0 U	10 U	**96**	**370 D**	10 U	10 U	11 U	10 U	NA	NA	NA	NA	5.2 U
Acenaphthene	20	ug/L	9.0 U	10 U	**54**	**160 D**	**70**	**58**	**43**	**68**	NA	NA	NA	**48**	**25**
Acenaphthylene	- -	ug/L	9.0 U	10 U	**25**	**62**	NA	NA	NA	NA	NA	NA	NA	**13**	**9.0**
Anthracene	50	ug/L	9.0 U	10 U	**10**	**12**	**9.1 J**	**5.8 J**	**3.5 J**	**3.5 J**	NA	NA	NA	**1.6 J**	**0.64 J**
Benzo(a)anthracene	0.002	ug/L	9.0 U	10 U	10 U	**1.0 J**	10 U	10 U	11 U	10 U	NA	NA	NA	5.0 U	5.2 U
Benzo(a)pyrene	0	ug/L	9.0 U	10 U	10 U	**0.60 J**	10 U	10 U	11 U	10 U	NA	NA	NA	5.0 U	5.2 U
Benzo(b)fluoranthene	0.002	ug/L	9.0 U	10 U	10 U	**0.50 J**	10 U	10 U	11 U	10 U	NA	NA	NA	5.0 U	5.2 U
Benzo(g,h,i)perylene	- -	ug/L	9.0 U	10 U	10 U	10 U	NA	NA	NA	NA	NA	NA	NA	5.0 U	5.2 U
Benzo(k)fluoranthene	0.002	ug/L	9.0 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	NA	NA	NA	5.0 U	5.2 U
Chrysene	0.002	ug/L	9.0 U	10 U	10 U	**0.60 J**	10 U	10 U	11 U	10 U	NA	NA	NA	5.0 U	5.2 U
Dibenzo(a,h)anthracene	- -	ug/L	9.0 U	10 U	10 U	10 U	NA	NA	NA	NA	NA	NA	NA	5.0 U	5.2 U
Fluoranthene	50	ug/L	9.0 U	10 U	**7.0 J**	**8.0 J**	**6.4 J**	**4.3 J**	**2.3 J**	**2.7 J**	NA	NA	NA	**4.1 J**	**3.3 J**
Fluorene	50	ug/L	9.0 U	10 U	**17**	**36**	**14 J**	**13**	**11**	**12**	NA	NA	NA	**7.0**	**2.3 J**
Indeno(1,2,3-cd)pyrene	0.002	ug/L	9.0 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	NA	NA	NA	5.0 U	5.2 U
Naphthalene	10	ug/L	9.0 U	10 U	**4.0 J**	**550 D**	**3.8 J**	**24**	**25**	**8.4 J**	NA	NA	NA	5.0 U	5.2 U
Phenanthrene	50	ug/L	9.0 U	10 U	**44**	**73**	**35 J**	**27**	**25**	**8.3 J**	NA	NA	NA	**18**	**1.1 J**
Pyrene	50	ug/L	9.0 U	10 U	**9.0 J**	**9.0 J**	**7.2 J**	**5.6 J**	**3.2 J**	**3.4 J**	NA	NA	NA	**5.3**	**4.1 J**
Total PAHs	- -	ug/L	ND	ND	**270 J**	**1300 J**	**150 J**	**140 J**	**110 J**	**110 J**	NA	NA	NA	**97 J**	**45 J**

See Notes on Page 8.

Table 3
Groundwater Analytical Data
2022 Annual Report
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:

NA - not analyzed
ND - not detected
NYSDEC – New York State Department of Environmental Conservation
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 practical quantitation limit (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
2022 Annual 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
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
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
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
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
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
	11/17/2022	3.01
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

See Notes on Page 5.

Table 4
Dissolved Oxygen Field Results
2022 Annual Report
New York State Electric & Gas
Dansville Former Manufactured Gas Plant Site

Well ID	Gauging Date	Dissolved Oxygen (mg/L)
AW-07 (cont.)	5/27/2022	18.34
	8/22/2022	3.01
	11/17/2022	11.36
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
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
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
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
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
	8/22/2022	17.40
	11/17/2022	11.95
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

See Notes on Page 5.

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-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
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
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
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
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
	2/22/2022	11.70
	5/27/2022	36.89
	8/22/2022	27.07
	11/17/2022	18.04
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
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

See Notes on Page 5.

Table 4
Dissolved Oxygen Field Results
2022 Annual Report
New York State Electric & Gas
Dansville Former Manufactured Gas Plant Site

Well ID	Gauging Date	Dissolved Oxygen (mg/L)
AW-20 (cont.)	5/27/2022	37.54
	8/22/2022	34.75
	11/17/2022	21.84
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
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
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
AW-24	2/24/2021	0.60
	2/25/2021	37.05
	5/18/2021	15.78
	8/11/2021	16.53
	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
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
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

See Notes on Page 5.

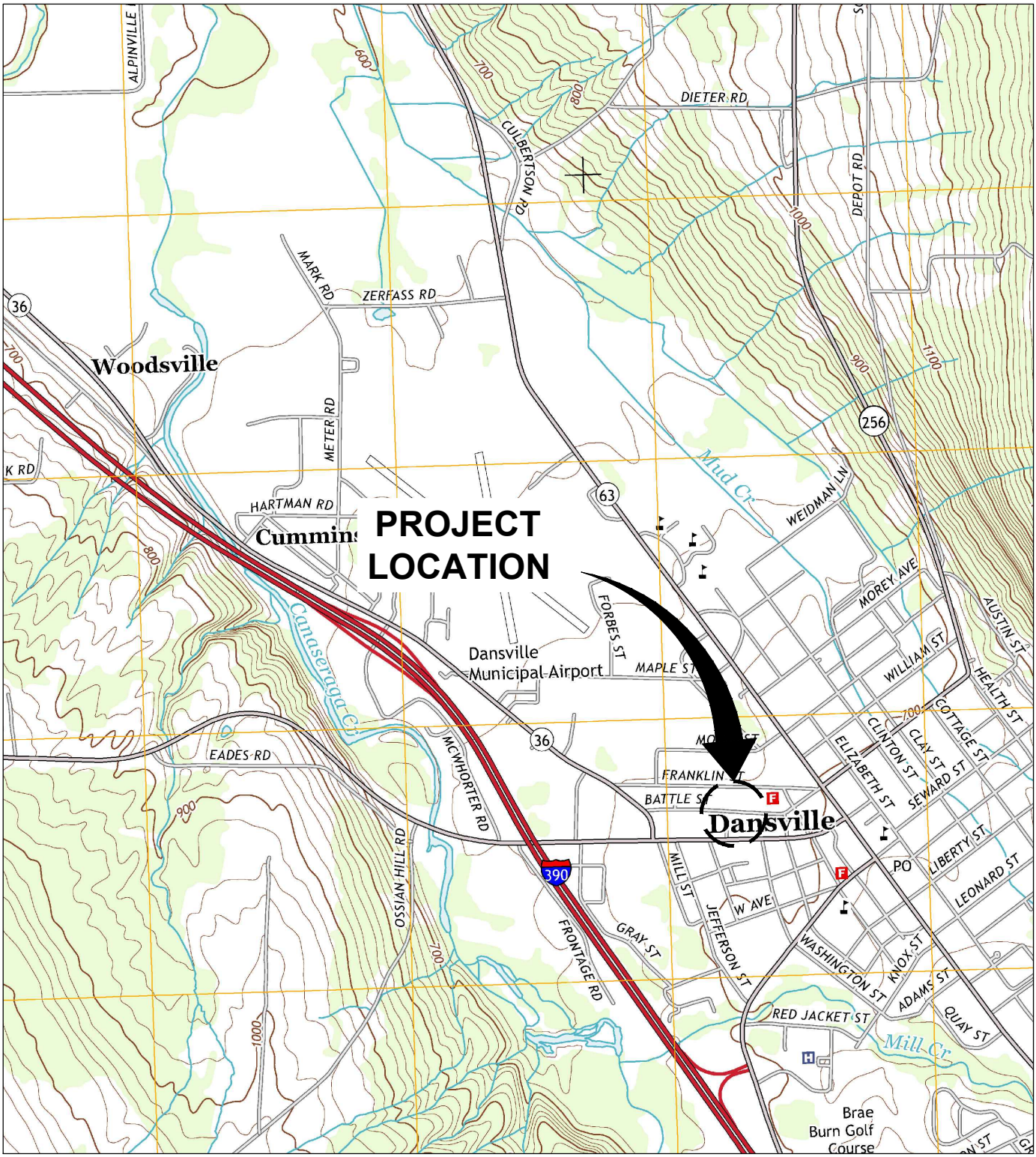
Table 4
Dissolved Oxygen Field Results
2022 Annual Report
New York State Electric & Gas
Dansville Former Manufactured Gas Plant Site

Well ID	Gauging Date	Dissolved Oxygen (mg/L)
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
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
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
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
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
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

Notes:
Dissolved oxygen measurements recorded in the field using a digital water quality meter.

Acronyms and Abbreviations:
mg/L - micrograms per liter

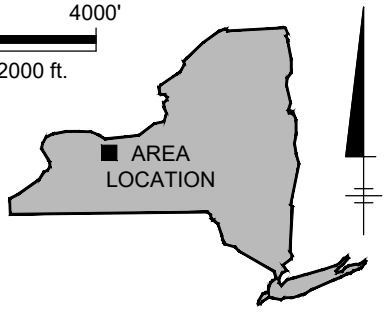
Figures



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

0 2000' 4000'

Approximate Scale: 1 in. = 2000 ft.

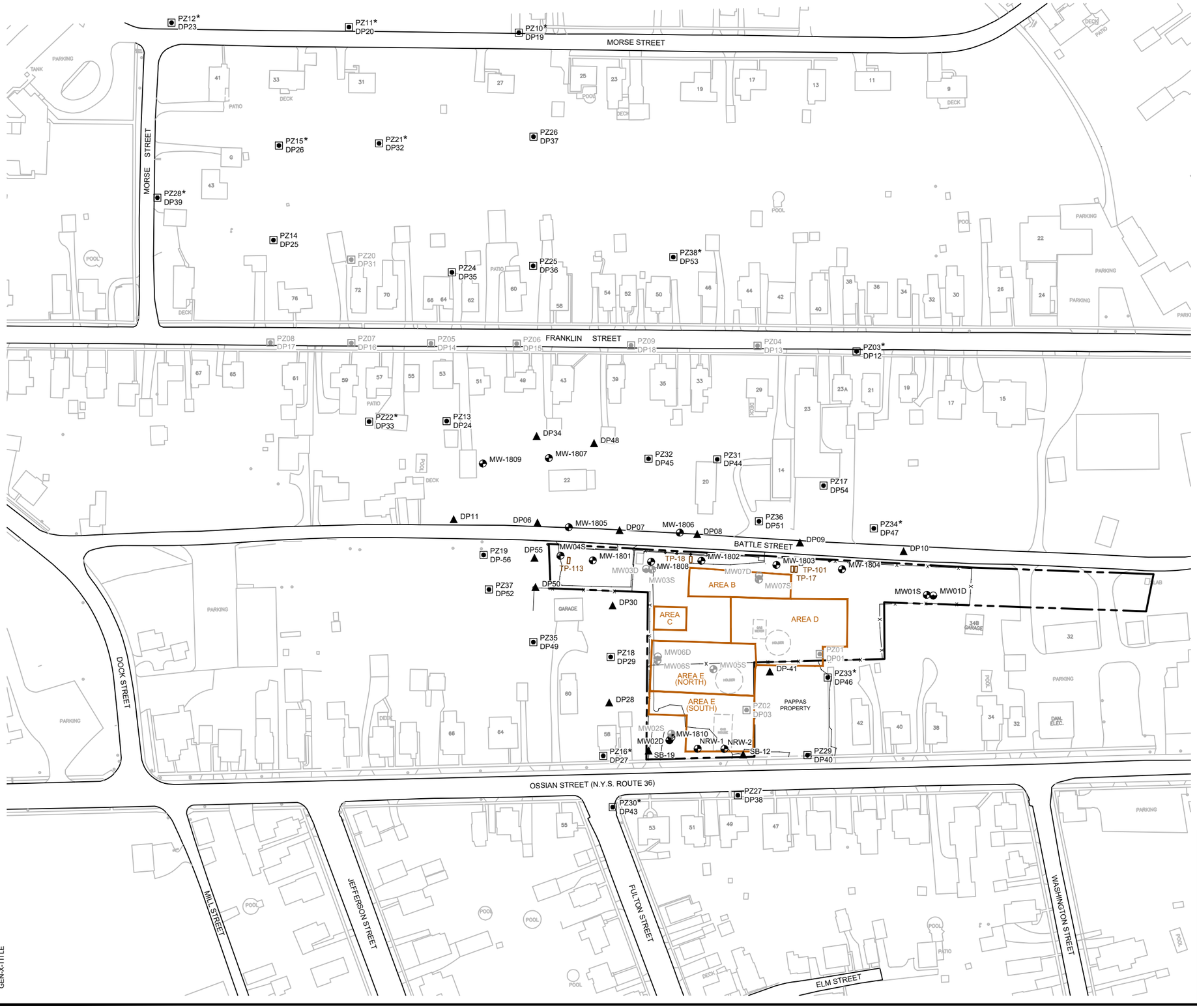


NYSEG
DANSVILLE FORMER MGP SITE (OU-1 and OU-2)
DANSVILLE, NEW YORK
2022 ANNUAL REPORT

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'

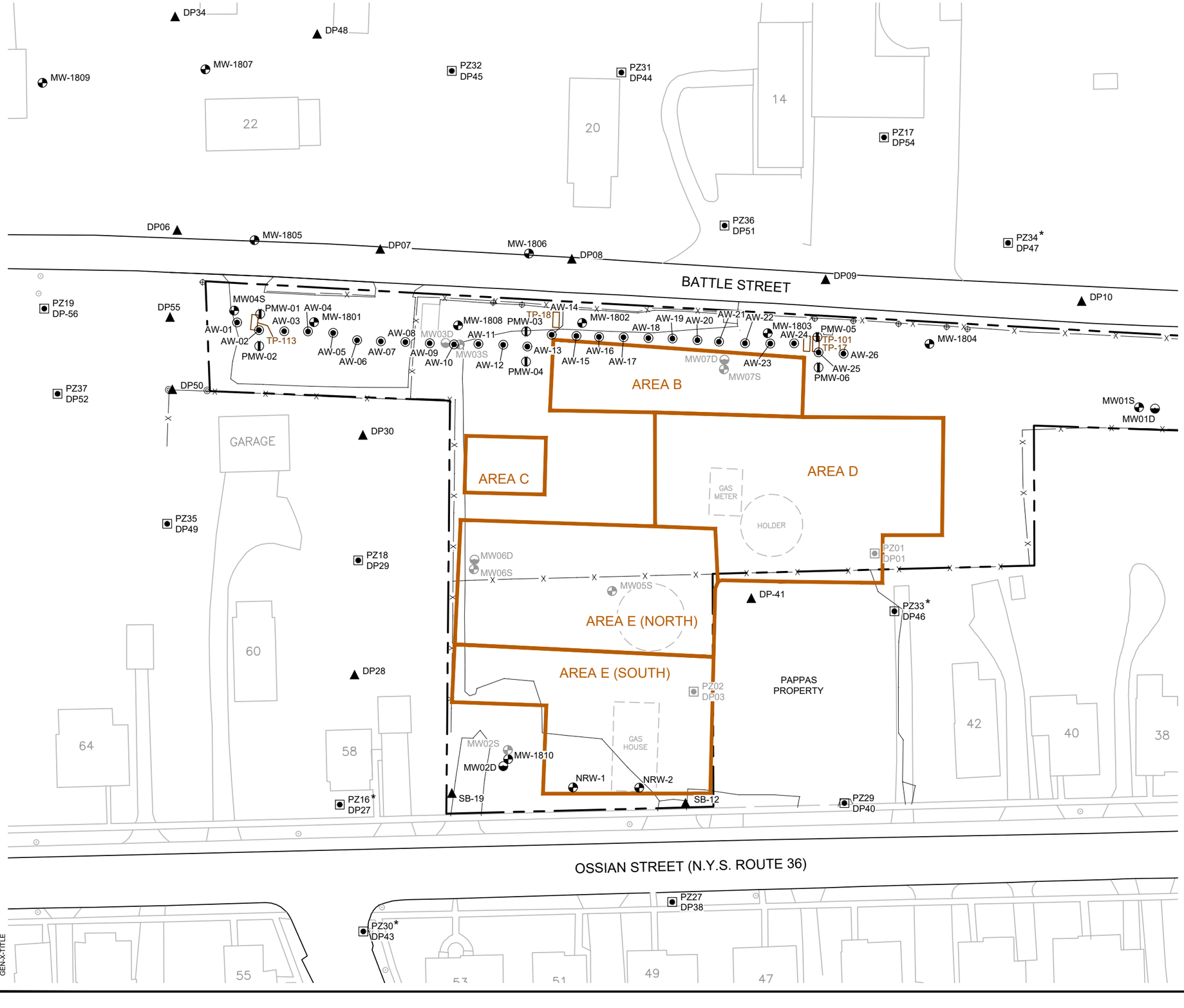
GRAPHIC SCALE

NYSEG
DANSVILLE FORMER MGP SITE (OU-1 and OU-2)
DANSVILLE, NEW YORK
2022 ANNUAL 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

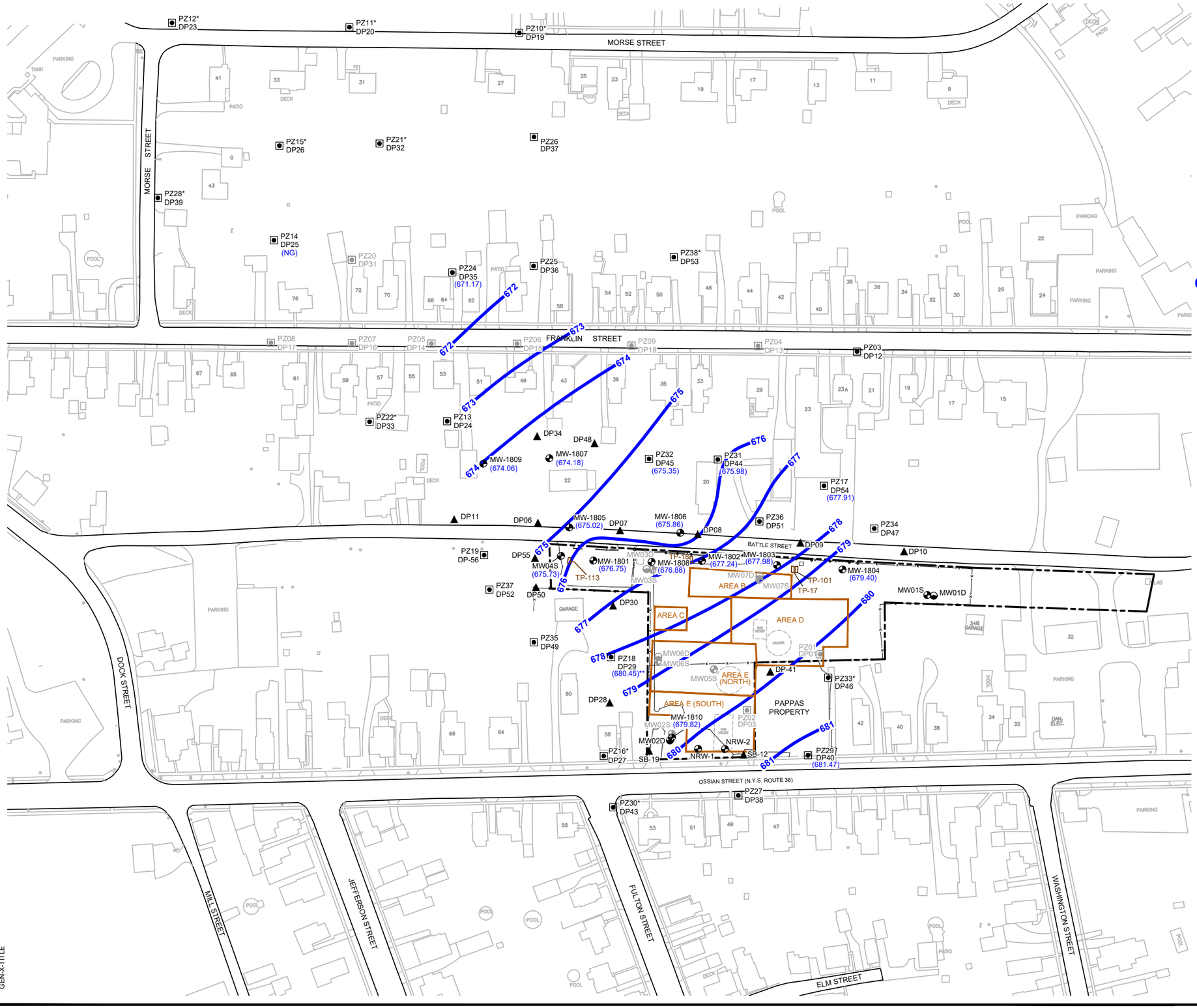
NYSEG
DANSVILLE FORMER MGP SITE (OU-1 and OU-2)
DANSVILLE, NEW YORK
2022 ANNUAL REPORT

SITE LAYOUT DETAIL

ARCADIS

FIGURE
3

C:\Users\ekrahmer\ACCDocs\Arcadis\AUS-NYSEG-DANSVILLE FMR MGP-DANSVILLE New York\Project Files\2023\01-In Progress\01-DWG\GEN-F03-SITE LAYOUT DETAIL.dwg LAYOUT: 3 SAVED: 1/26/2023 11:00 AM ACADVER: 24.2S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: PLTFULL.CTB
PLOTTED: 1/26/2023 11:00 AM BY: KRAHMER, ERIC
XREFS: IMAGES: PROJECTNAME: ----
GEN-X-BASE MAP
GEN-X-TITLE



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'

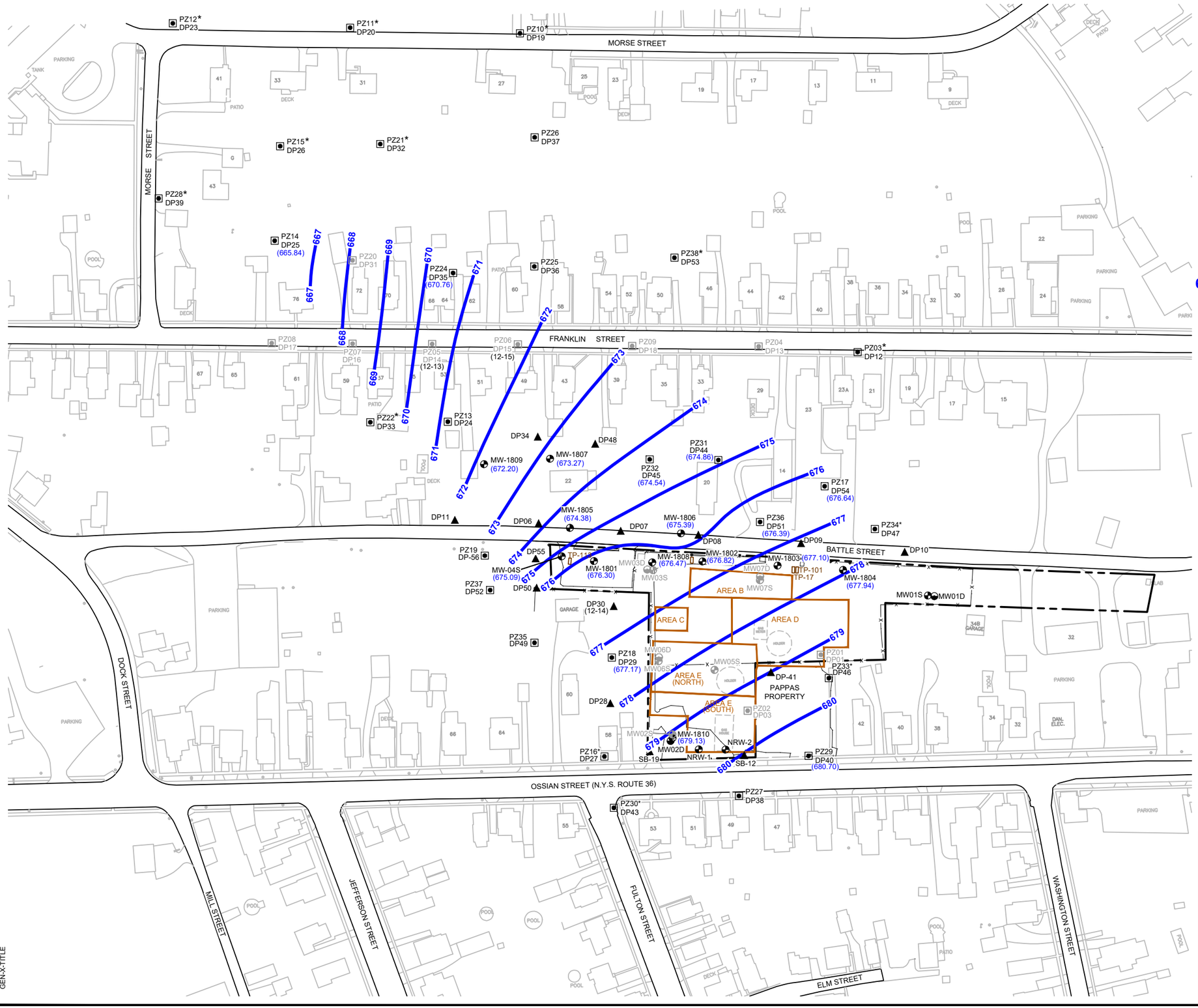
GRAPHIC SCALE

NYSEG
DANSVILLE FORMER MGP SITE (OU-1 and OU-2)
DANSVILLE, NEW YORK
2022 ANNUAL REPORT

GROUNDWATER ELEVATION CONTOURS FEBRUARY 21, 2022

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'

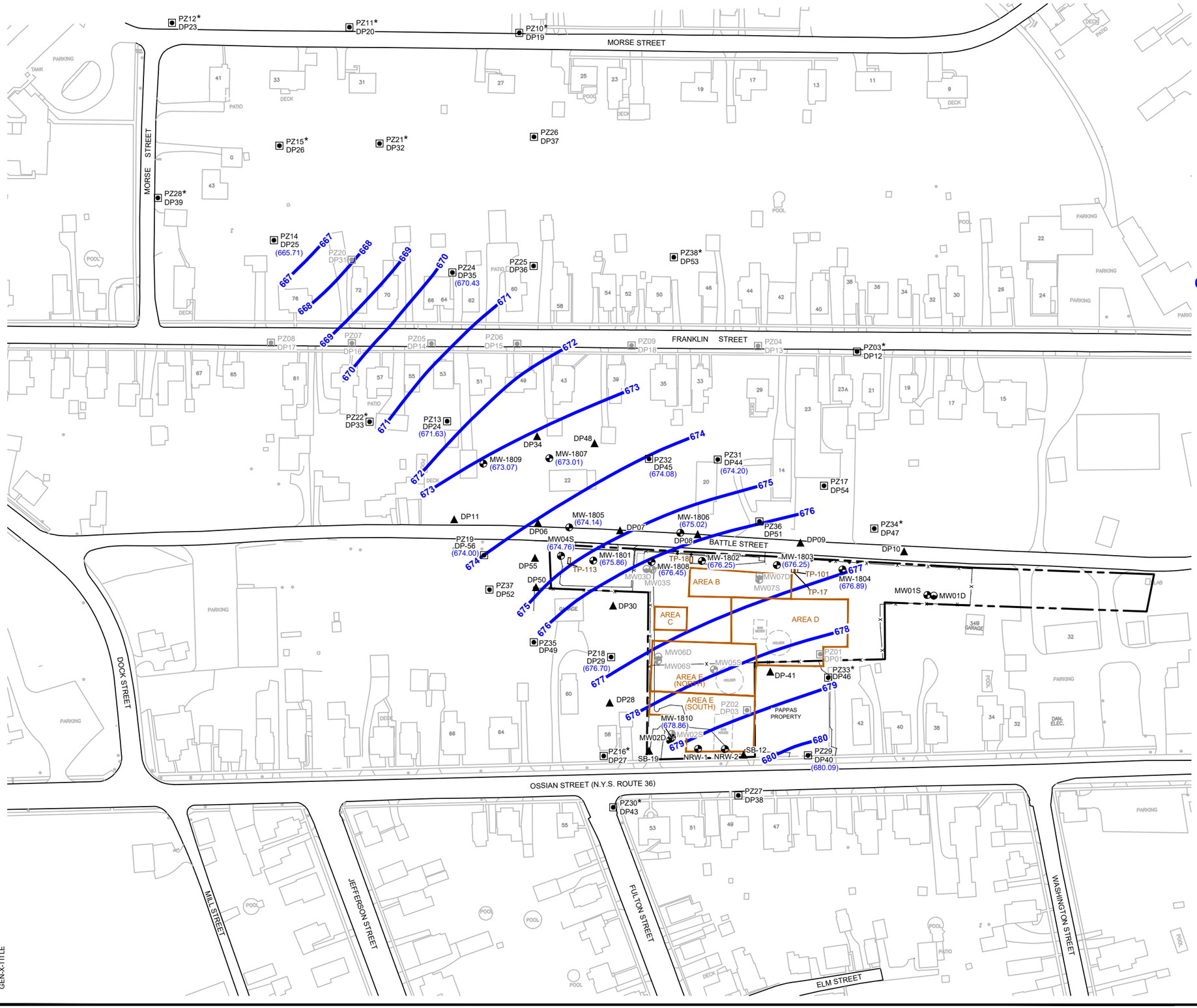
GRAPHIC SCALE

NYSEG
DANSVILLE FORMER MGP SITE (OU-1 and OU-2)
DANSVILLE, NEW YORK
2022 ANNUAL REPORT

GROUNDWATER ELEVATION CONTOURS MAY 27, 2022

ARCADIS

FIGURE 5



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
- (676.89) 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'

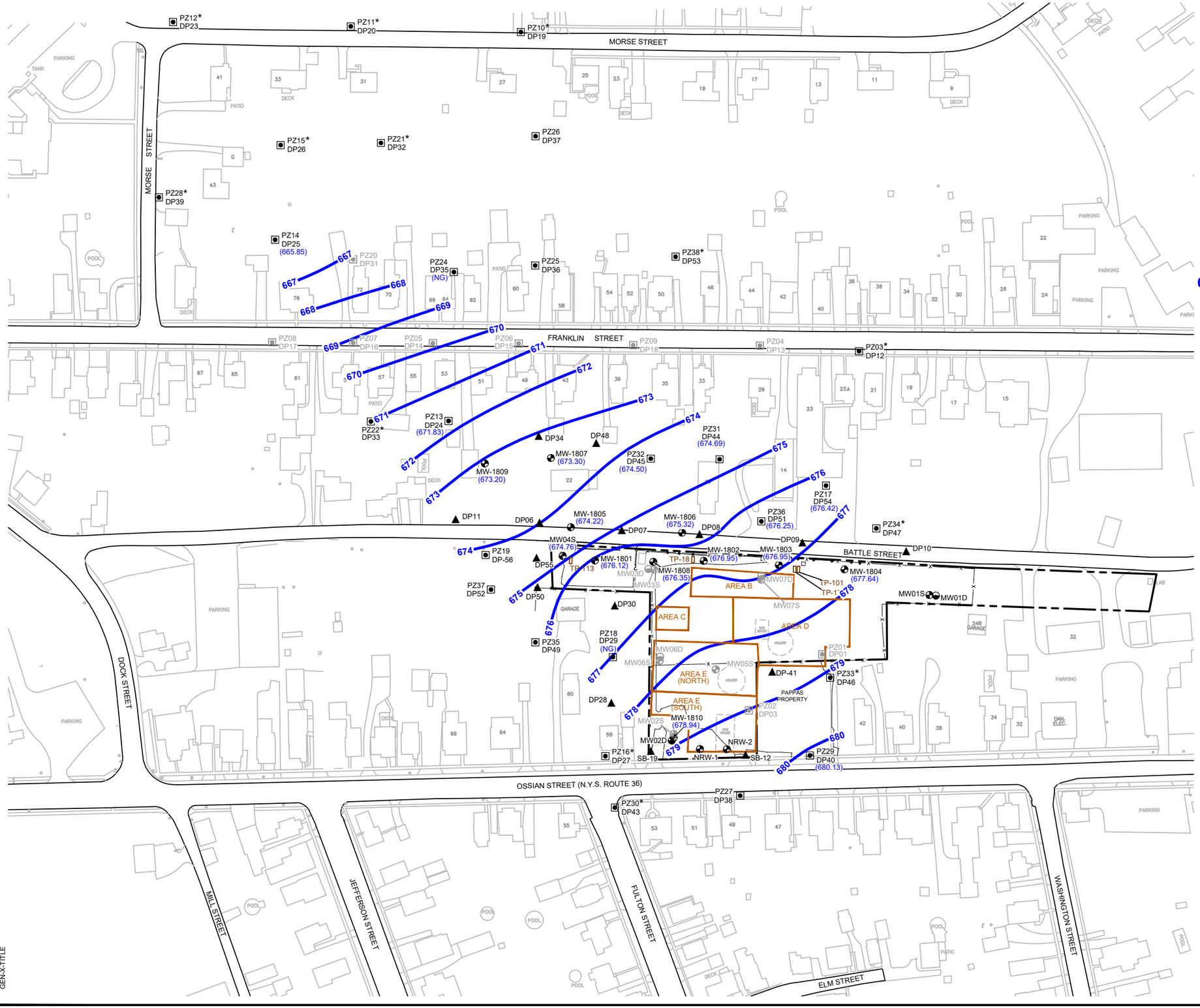
GRAPHIC SCALE

NYSEG
DANSVILLE FORMER MGP SITE (OU-1 and OU-2)
DANSVILLE, NEW YORK
2022 ANNUAL REPORT

GROUNDWATER ELEVATION CONTOURS AUGUST 24, 2022

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
- 680 — POTENTIOMETRIC CONTOUR ELEVATION
- (676.42) — 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. 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

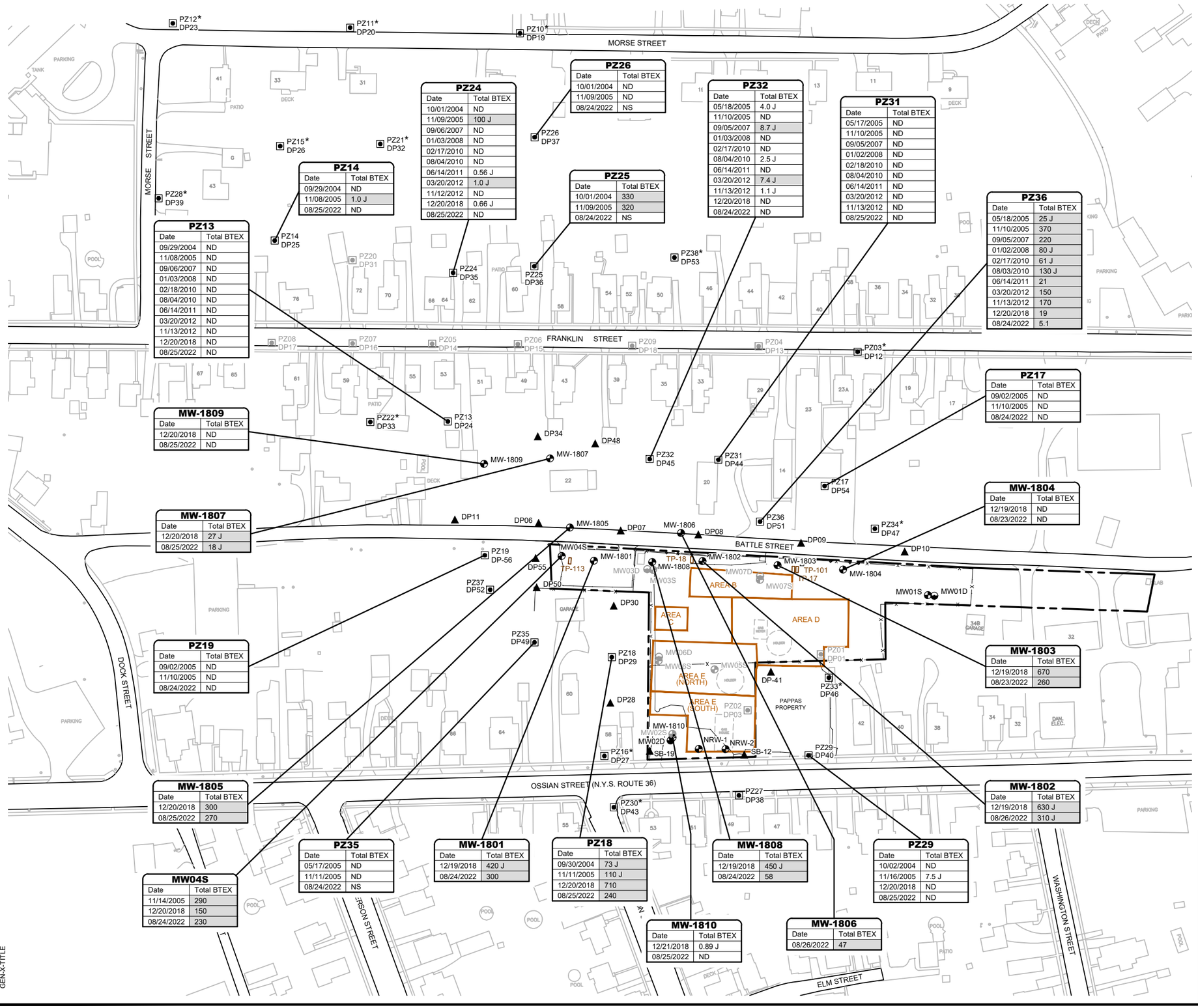
NYSEG
DANSVILLE FORMER MGP SITE (OU-1 and OU-2)
DANSVILLE, NEW YORK
2022 ANNUAL REPORT

GROUNDWATER ELEVATION CONTOURS NOVEMBER 17, 2022

ARCADIS

FIGURE 7

C:\Users\ekrahmer\ACCDocs\Arcadis\AUS-NYSEG-DANSVILLE FMR MGP-DANSVILLE New York\Project Files\2023\01-In Progress\01-DWG\GWM-2022AR-F07-CONTOURS.dwg LAYOUT: 7 SAVED: 1/26/2023 11:28 AM ACADVER: 24.2S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: PLTFULL.CTB
PLOTTED: 1/26/2023 3:46 PM BY: KRAHMER, ERIC
XREFS: IMAGES: PROJECTNAME: ----
GEN-X-BASE MAP
GEN-X-TITLE



PZ13

Date	Total BTEX
09/29/2004	ND
11/08/2005	ND
09/06/2007	ND
01/03/2008	ND
02/18/2010	ND
08/04/2010	ND
06/14/2011	ND
03/20/2012	ND
11/13/2012	ND
12/20/2018	ND
08/25/2022	ND

PZ14

Date	Total BTEX
09/29/2004	ND
11/08/2005	1.0 J
08/25/2022	ND

PZ24

Date	Total BTEX
10/01/2004	ND
11/09/2005	100 J
09/06/2007	ND
01/03/2008	ND
02/17/2010	ND
08/04/2010	ND
06/14/2011	0.56 J
03/20/2012	1.0 J
11/12/2012	ND
12/20/2018	0.66 J
08/25/2022	ND

PZ25

Date	Total BTEX
10/01/2004	330
11/09/2005	320
08/24/2022	NS

PZ26

Date	Total BTEX
10/01/2004	ND
11/09/2005	ND
08/24/2022	NS

PZ32

Date	Total BTEX
05/18/2005	4.0 J
11/10/2005	ND
09/05/2007	8.7 J
01/03/2008	ND
02/17/2010	ND
08/04/2010	2.5 J
06/14/2011	ND
03/20/2012	7.4 J
11/13/2012	1.1 J
12/20/2018	ND
08/24/2022	ND

PZ31

Date	Total BTEX
05/17/2005	ND
11/10/2005	ND
09/05/2007	ND
01/02/2008	ND
02/18/2010	ND
08/04/2010	ND
06/14/2011	ND
03/20/2012	ND
11/13/2012	ND
08/25/2022	ND

PZ36

Date	Total BTEX
05/18/2005	25 J
11/10/2005	370
09/05/2007	220
01/02/2008	80 J
02/17/2010	61 J
08/03/2010	130 J
06/14/2011	21
03/20/2012	150
11/13/2012	170
12/20/2018	19
08/24/2022	5.1

PZ17

Date	Total BTEX
09/02/2005	ND
11/10/2005	ND
08/24/2022	ND

MW-1809

Date	Total BTEX
12/20/2018	ND
08/25/2022	ND

MW-1807

Date	Total BTEX
12/20/2018	27 J
08/25/2022	18 J

MW-1804

Date	Total BTEX
12/19/2018	ND
08/23/2022	ND

MW-1803

Date	Total BTEX
12/19/2018	670
08/23/2022	260

PZ19

Date	Total BTEX
09/02/2005	ND
11/10/2005	ND
08/24/2022	ND

MW-1805

Date	Total BTEX
12/20/2018	300
08/25/2022	270

MW-1802

Date	Total BTEX
12/19/2018	630 J
08/26/2022	310 J

MW04S

Date	Total BTEX
11/14/2005	290
12/20/2018	150
08/24/2022	230

PZ35

Date	Total BTEX
05/17/2005	ND
11/11/2005	ND
08/24/2022	NS

MW-1801

Date	Total BTEX
12/19/2018	420 J
08/24/2022	300

PZ18

Date	Total BTEX
09/30/2004	73 J
11/11/2005	110 J
12/20/2018	710
08/25/2022	240

MW-1808

Date	Total BTEX
12/19/2018	450 J
08/24/2022	58

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
08/25/2022	ND

MW-1806

Date	Total BTEX
08/26/2022	47

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:

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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 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

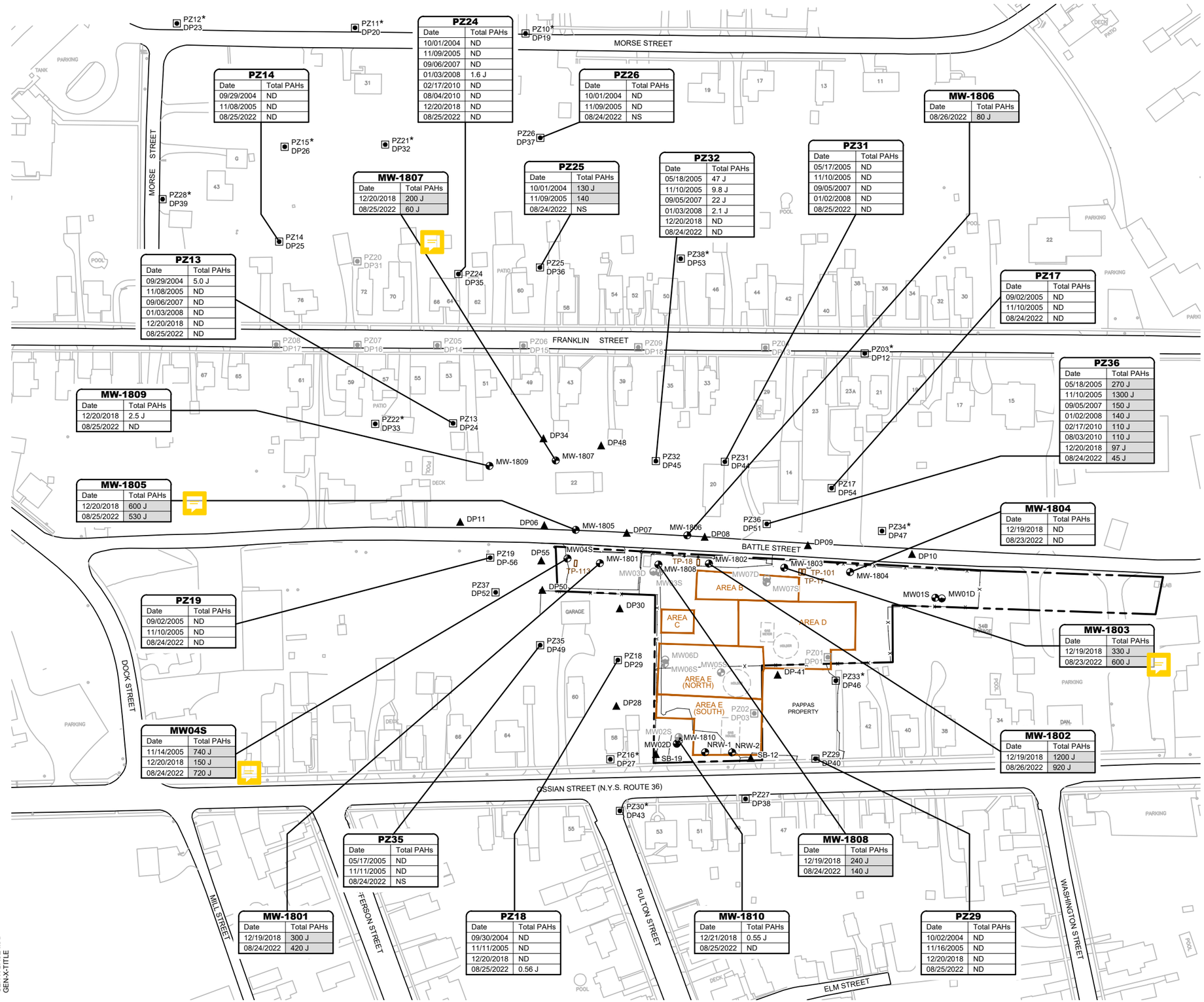
NYSEG
DANSVILLE FORMER MGP SITE (OU-1 and OU-2)
DANSVILLE, NEW YORK
2022 ANNUAL REPORT

TOTAL BTEX CONCENTRATIONS IN GROUNDWATER

ARCADIS

FIGURE 8

C:\Users\ekrahmer\ACCDocs\Arcadis\AUS-NYSEG-DANSVILLE FMR MGP-DANSVILLE New York\Project Files\2023\01-In Progress\01-DWG\GWM-2022AR-F08-BTEX CONC in GW.dwg LAYOUT: 8 SAVED: 2/9/2023 3:41 PM ACADVER: 24.2S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: PLTFULL.CTB
PLOTTED: 2/10/2023 8:55 AM BY: KRAHMER, ERIC
XREFS: IMAGES: PROJECTNAME: ----
GEN-X-BASE MAP
GEN-X-TITLE



PZ24	
Date	Total PAHs
10/01/2004	ND
11/09/2005	ND
09/06/2007	ND
01/03/2008	1.6 J
02/17/2010	ND
08/04/2010	ND
12/20/2018	ND
08/25/2022	ND

PZ14	
Date	Total PAHs
09/29/2004	ND
11/08/2005	ND
08/25/2022	ND

PZ26	
Date	Total PAHs
10/01/2004	ND
11/09/2005	ND
08/24/2022	NS

MW-1806	
Date	Total PAHs
08/26/2022	80 J

MW-1807	
Date	Total PAHs
12/20/2018	200 J
08/25/2022	60 J

PZ25	
Date	Total PAHs
10/01/2004	130 J
11/09/2005	140
08/24/2022	NS

PZ32	
Date	Total PAHs
05/18/2005	47 J
11/10/2005	9.8 J
09/05/2007	22 J
01/03/2008	2.1 J
12/20/2018	ND
08/24/2022	ND

PZ31	
Date	Total PAHs
05/17/2005	ND
11/10/2005	ND
09/05/2007	ND
01/02/2008	ND
08/25/2022	ND

PZ13	
Date	Total PAHs
09/29/2004	5.0 J
11/08/2005	ND
09/06/2007	ND
01/03/2008	ND
12/20/2018	ND
08/25/2022	ND

PZ17	
Date	Total PAHs
09/02/2005	ND
11/10/2005	ND
08/24/2022	ND

PZ36	
Date	Total PAHs
05/18/2005	270 J
11/10/2005	1300 J
09/05/2007	150 J
01/02/2008	140 J
02/17/2010	110 J
08/03/2010	110 J
12/20/2018	97 J
08/24/2022	45 J

MW-1809	
Date	Total PAHs
12/20/2018	2.5 J
08/25/2022	ND

MW-1805	
Date	Total PAHs
12/20/2018	600 J
08/25/2022	530 J

MW-1804	
Date	Total PAHs
12/19/2018	ND
08/23/2022	ND

PZ19	
Date	Total PAHs
09/02/2005	ND
11/10/2005	ND
08/24/2022	ND

MW-1803	
Date	Total PAHs
12/19/2018	330 J
08/23/2022	600 J

MW04S	
Date	Total PAHs
11/14/2005	740 J
12/20/2018	150 J
08/24/2022	720 J

MW-1802	
Date	Total PAHs
12/19/2018	1200 J
08/26/2022	920 J

PZ35	
Date	Total PAHs
05/17/2005	ND
11/11/2005	ND
08/24/2022	NS

MW-1808	
Date	Total PAHs
12/19/2018	240 J
08/24/2022	140 J

MW-1801	
Date	Total PAHs
12/19/2018	300 J
08/24/2022	420 J

PZ18	
Date	Total PAHs
09/30/2004	ND
11/11/2005	ND
12/20/2018	ND
08/25/2022	0.56 J

MW-1810	
Date	Total PAHs
12/21/2018	0.55 J
08/25/2022	ND

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

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 THE 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. 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
2022 ANNUAL REPORT

TOTAL PAH CONCENTRATIONS IN GROUNDWATER

ARCADIS

FIGURE 9

Appendix A

Laboratory Data Package

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

Laboratory Job ID: 480-201062-1
Client Project/Site: NYSEG - Dansville MGP

For:
New York State Electric & Gas
18 Link Drive
Binghamton, New York 13902

Attn: Mr. John J Ruspantini

Authorized for release by:
9/2/2022 12:38:15 PM
Rebecca Jones, Project Management Assistant I
(716)504-9884
Rebecca.Jones@et.eurofinsus.com

Designee for

John Schove, Project Manager II
(716)504-9838
John.Schove@et.eurofinsus.com

Table of Contents

Definitions/Glossary

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

Job ID: 480-201062-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
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
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.
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.

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: 480-201062-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative
480-201062-1

Comments
No additional comments.

Receipt
The samples were received on 8/26/2022 12:05 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 3.1º C, 3.3º C, 4.2º C and 5.2º C.

GC/MS VOA
Method 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: MW-1802 (480-201062-11) and MW-1803 (480-201062-12). Elevated reporting limits (RLs) are provided.

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-1805 (480-201062-1), MW-1801 (480-201062-16) and MW-04S (480-201062-19). Elevated reporting limits (RLs) are provided.

Method 8260C: The following samples were diluted due to the abundance of non-target analytes: MW-1808 (480-201062-14), MW-1808 (480-201062-14[MS]), MW-1808 (480-201062-14[MSD]), DUP-01-20220824 (480-201062-15), DUP-02-20220824 (480-201062-17) and PZ-19 (480-201062-20). Elevated reporting limits (RLs) are provided.

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-1801 (480-201062-16[MS]) and MW-1801 (480-201062-16[MSD]). Elevated reporting limits (RLs) are provided.

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: PZ-18 (480-201062-9). Elevated reporting limits (RLs) are provided.

Method 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: MW-1806 (480-201062-23). Elevated reporting limits (RLs) are provided.

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

GC/MS Semi VOA
Method 8270D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-1805 (480-201062-1), MW-1802 (480-201062-11), MW-1803 (480-201062-12), MW-1808 (480-201062-14), MW-1808 (480-201062-14[MS]) and MW-1808 (480-201062-14[MSD]). Elevated reporting limits (RLs) are provided.

Method 8270D: The following sample required a dilution due to the abundance of target analyte(s): MW-1802 (480-201062-11). 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 following sample was diluted due to color and appearance: MW-1807 (480-201062-3). 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 (480-201062-1), PZ-31 (480-201062-2), MW-1807 (480-201062-3), PZ-13 (480-201062-5), MW-1802 (480-201062-11), MW-1803 (480-201062-12), MW-1808 (480-201062-14), MW-1808 (480-201062-14[MS]), MW-1808 (480-201062-14[MSD]) and DUP-02-20220824 (480-201062-17). These results have been reported and qualified.

Method 8270D: The following samples were diluted due to color, appearance, and viscosity: MW-1801 (480-201062-16), MW-1801 (480-201062-16[MS]), MW-1801 (480-201062-16[MSD]), MW-04S (480-201062-19) and MW-1806 (480-201062-23). 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

Job ID: 480-201062-1 (Continued)

Laboratory: Eurofins Buffalo (Continued)

acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: MW-1801 (480-201062-16[MSD]) and MW-1806 (480-201062-23). These results have been reported and qualified.

Method 8270D: The following samples were diluted to bring the concentration of target analytes within the calibration range: DUP-01-20220824 (480-201062-15) and DUP-02-20220824 (480-201062-17). Elevated reporting limits (RLs) 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: DUP-01-20220824 (480-201062-15) and DUP-02-20220824 (480-201062-17). 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: 480-201062-1

Client Sample ID: MW-1805 — Lab Sample ID: 480-201062-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	49		5.0	2.1	ug/L	5		8260C	Total/NA
Ethylbenzene	150		5.0	3.7	ug/L	5		8260C	Total/NA
Toluene	6.6		5.0	2.6	ug/L	5		8260C	Total/NA
Xylenes, Total	66		10	3.3	ug/L	5		8260C	Total/NA
1-Methylnaphthalene	270		25	3.7	ug/L	5		8270D	Total/NA
2-Methylnaphthalene	19	J	25	3.0	ug/L	5		8270D	Total/NA
Acenaphthene	170		25	2.1	ug/L	5		8270D	Total/NA
Acenaphthylene	8.0	J	25	1.9	ug/L	5		8270D	Total/NA
Anthracene	14	J	25	1.4	ug/L	5		8270D	Total/NA
Fluoranthene	3.7	J	25	2.0	ug/L	5		8270D	Total/NA
Fluorene	58		25	1.8	ug/L	5		8270D	Total/NA
Naphthalene	180		25	3.8	ug/L	5		8270D	Total/NA
Phenanthrene	68		25	2.2	ug/L	5		8270D	Total/NA
Pyrene	4.5	J	25	1.7	ug/L	5		8270D	Total/NA

Client Sample ID: PZ-31 — Lab Sample ID: 480-201062-2

No Detections.

Client Sample ID: MW-1807 — Lab Sample ID: 480-201062-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	11		1.0	0.41	ug/L	1		8260C	Total/NA
Ethylbenzene	2.6		1.0	0.74	ug/L	1		8260C	Total/NA
Toluene	0.90	J	1.0	0.51	ug/L	1		8260C	Total/NA
Xylenes, Total	3.9		2.0	0.66	ug/L	1		8260C	Total/NA
Acenaphthene	31	J	54	4.5	ug/L	10		8270D	Total/NA
Fluoranthene	5.9	J	54	4.3	ug/L	10		8270D	Total/NA
Fluorene	16	J	54	3.9	ug/L	10		8270D	Total/NA
Pyrene	7.0	J	54	3.7	ug/L	10		8270D	Total/NA

Client Sample ID: MW-1809 — Lab Sample ID: 480-201062-4

No Detections.

Client Sample ID: PZ-13 — Lab Sample ID: 480-201062-5

No Detections.

Client Sample ID: PZ-29 — Lab Sample ID: 480-201062-6

No Detections.

Client Sample ID: MW-1810 — Lab Sample ID: 480-201062-7

No Detections.

Client Sample ID: PZ-24 — Lab Sample ID: 480-201062-8

No Detections.

Client Sample ID: PZ-18 — Lab Sample ID: 480-201062-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	240		4.0	1.6	ug/L	4		8260C	Total/NA
1-Methylnaphthalene	1.2	J	5.4	0.79	ug/L	1		8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Detection Summary

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

Job ID: 480-201062-1

Client Sample ID: PZ-18 (Continued) — Lab Sample ID: 480-201062-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.56	J	5.4	0.45	ug/L	1		8270D	Total/NA

Client Sample ID: PZ-14 — Lab Sample ID: 480-201062-10

No Detections.

Client Sample ID: MW-1802 — Lab Sample ID: 480-201062-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	190		10	7.4	ug/L	10		8260C	Total/NA
Toluene	6.3	J	10	5.1	ug/L	10		8260C	Total/NA
Xylenes, Total	110		20	6.6	ug/L	10		8260C	Total/NA
1-Methylnaphthalene	80	J	100	15	ug/L	20		8270D	Total/NA
2-Methylnaphthalene	14	J	100	12	ug/L	20		8270D	Total/NA
Acenaphthene	120		100	8.2	ug/L	20		8270D	Total/NA
Anthracene	12	J	100	5.6	ug/L	20		8270D	Total/NA
Fluoranthene	8.9	J	100	8.0	ug/L	20		8270D	Total/NA
Fluorene	34	J	100	7.2	ug/L	20		8270D	Total/NA
Naphthalene	680		100	15	ug/L	20		8270D	Total/NA
Phenanthrene	36	J	100	8.8	ug/L	20		8270D	Total/NA
Pyrene	12	J	100	6.8	ug/L	20		8270D	Total/NA

Client Sample ID: MW-1803 — Lab Sample ID: 480-201062-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	12		10	4.1	ug/L	10		8260C	Total/NA
Ethylbenzene	150		10	7.4	ug/L	10		8260C	Total/NA
Xylenes, Total	100		20	6.6	ug/L	10		8260C	Total/NA
1-Methylnaphthalene	540		50	7.3	ug/L	10		8270D	Total/NA
Acenaphthene	240		50	4.1	ug/L	10		8270D	Total/NA
Acenaphthylene	45	J	50	3.8	ug/L	10		8270D	Total/NA
Anthracene	15	J	50	2.8	ug/L	10		8270D	Total/NA
Fluoranthene	4.6	J	50	4.0	ug/L	10		8270D	Total/NA
Fluorene	74		50	3.6	ug/L	10		8270D	Total/NA
Naphthalene	150		50	7.6	ug/L	10		8270D	Total/NA
Phenanthrene	67		50	4.4	ug/L	10		8270D	Total/NA
Pyrene	5.4	J	50	3.4	ug/L	10		8270D	Total/NA

Client Sample ID: MW-1804 — Lab Sample ID: 480-201062-13

No Detections.

Client Sample ID: MW-1808 — Lab Sample ID: 480-201062-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	21		5.0	2.1	ug/L	5		8260C	Total/NA
Ethylbenzene	24		5.0	3.7	ug/L	5		8260C	Total/NA
Xylenes, Total	13		10	3.3	ug/L	5		8260C	Total/NA
1-Methylnaphthalene	130		25	3.7	ug/L	5		8270D	Total/NA
Acenaphthene	60		25	2.1	ug/L	5		8270D	Total/NA
Acenaphthylene	7.5	J	25	1.9	ug/L	5		8270D	Total/NA
Anthracene	3.5	J	25	1.4	ug/L	5		8270D	Total/NA
Fluorene	21	J	25	1.8	ug/L	5		8270D	Total/NA
Naphthalene	14	J	25	3.8	ug/L	5		8270D	Total/NA

This Detection Summary does not include radiochemical test results.

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Client Sample ID: MW-1808 (Continued) — Lab Sample ID: 480-201062-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenanthrene	28		25	2.2	ug/L	5		8270D	Total/NA
Pyrene	2.2	J	25	1.7	ug/L	5		8270D	Total/NA

Client Sample ID: DUP-01-20220824 — Lab Sample ID: 480-201062-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	20		10	4.1	ug/L	10		8260C	Total/NA
Ethylbenzene	23		10	7.4	ug/L	10		8260C	Total/NA
Xylenes, Total	8.5	J	20	6.6	ug/L	10		8260C	Total/NA
1-Methylnaphthalene	110	E	5.0	0.73	ug/L	1		8270D	Total/NA
Acenaphthene	55		5.0	0.41	ug/L	1		8270D	Total/NA
Acenaphthylene	7.3		5.0	0.38	ug/L	1		8270D	Total/NA
Anthracene	3.1	J	5.0	0.28	ug/L	1		8270D	Total/NA
Fluoranthene	1.8	J	5.0	0.40	ug/L	1		8270D	Total/NA
Fluorene	21		5.0	0.36	ug/L	1		8270D	Total/NA
Naphthalene	3.7	J	5.0	0.76	ug/L	1		8270D	Total/NA
Phenanthrene	25		5.0	0.44	ug/L	1		8270D	Total/NA
Pyrene	2.2	J	5.0	0.34	ug/L	1		8270D	Total/NA
1-Methylnaphthalene - DL	120		25	3.7	ug/L	5		8270D	Total/NA
Acenaphthene - DL	58		25	2.1	ug/L	5		8270D	Total/NA
Acenaphthylene - DL	7.2	J	25	1.9	ug/L	5		8270D	Total/NA
Anthracene - DL	3.7	J	25	1.4	ug/L	5		8270D	Total/NA
Fluorene - DL	25		25	1.8	ug/L	5		8270D	Total/NA
Naphthalene - DL	4.0	J	25	3.8	ug/L	5		8270D	Total/NA
Phenanthrene - DL	24	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-1801 — Lab Sample ID: 480-201062-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	40		5.0	2.1	ug/L	5		8260C	Total/NA
Ethylbenzene	190		5.0	3.7	ug/L	5		8260C	Total/NA
Toluene	5.2		5.0	2.6	ug/L	5		8260C	Total/NA
Xylenes, Total	69		10	3.3	ug/L	5		8260C	Total/NA
1-Methylnaphthalene	210		26	3.8	ug/L	5		8270D	Total/NA
2-Methylnaphthalene	4.0	J	26	3.1	ug/L	5		8270D	Total/NA
Acenaphthene	110		26	2.1	ug/L	5		8270D	Total/NA
Acenaphthylene	7.9	J	26	2.0	ug/L	5		8270D	Total/NA
Anthracene	14	J	26	1.5	ug/L	5		8270D	Total/NA
Fluoranthene	5.0	J	26	2.1	ug/L	5		8270D	Total/NA
Fluorene	40		26	1.9	ug/L	5		8270D	Total/NA
Naphthalene	170		26	4.0	ug/L	5		8270D	Total/NA
Phenanthrene	62		26	2.3	ug/L	5		8270D	Total/NA
Pyrene	6.9	J	26	1.8	ug/L	5		8270D	Total/NA

Client Sample ID: DUP-02-20220824 — Lab Sample ID: 480-201062-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	42		10	4.1	ug/L	10		8260C	Total/NA
Ethylbenzene	200		10	7.4	ug/L	10		8260C	Total/NA
Toluene	5.1	J	10	5.1	ug/L	10		8260C	Total/NA
Xylenes, Total	72		20	6.6	ug/L	10		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: DUP-02-20220824 (Continued) — Lab Sample ID: 480-201062-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1-Methylnaphthalene	170	E	5.2	0.76	ug/L	1		8270D	Total/NA
2-Methylnaphthalene	4.3	J	5.2	0.63	ug/L	1		8270D	Total/NA
Acenaphthene	100	E	5.2	0.43	ug/L	1		8270D	Total/NA
Acenaphthylene	8.8		5.2	0.40	ug/L	1		8270D	Total/NA
Anthracene	13		5.2	0.29	ug/L	1		8270D	Total/NA
Fluoranthene	6.0		5.2	0.42	ug/L	1		8270D	Total/NA
Fluorene	43		5.2	0.38	ug/L	1		8270D	Total/NA
Naphthalene	120	E	5.2	0.79	ug/L	1		8270D	Total/NA
Phenanthrene	62		5.2	0.46	ug/L	1		8270D	Total/NA
Pyrene	6.8		5.2	0.35	ug/L	1		8270D	Total/NA
1-Methylnaphthalene - DL	220		52	7.6	ug/L	10		8270D	Total/NA
Acenaphthene - DL	110		52	4.3	ug/L	10		8270D	Total/NA
Acenaphthylene - DL	8.7	J	52	4.0	ug/L	10		8270D	Total/NA
Anthracene - DL	15	J	52	2.9	ug/L	10		8270D	Total/NA
Fluoranthene - DL	5.8	J	52	4.2	ug/L	10		8270D	Total/NA
Fluorene - DL	50	J	52	3.8	ug/L	10		8270D	Total/NA
Naphthalene - DL	190		52	7.9	ug/L	10		8270D	Total/NA
Phenanthrene - DL	67		52	4.6	ug/L	10		8270D	Total/NA
Pyrene - DL	7.0	J	52	3.5	ug/L	10		8270D	Total/NA

Client Sample ID: PZ-17 — Lab Sample ID: 480-201062-18

No Detections.

Client Sample ID: MW-04S — Lab Sample ID: 480-201062-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	38		2.0	0.82	ug/L	2		8260C	Total/NA
Ethylbenzene	130		2.0	1.5	ug/L	2		8260C	Total/NA
Toluene	5.4		2.0	1.0	ug/L	2		8260C	Total/NA
Xylenes, Total	54		4.0	1.3	ug/L	2		8260C	Total/NA
1-Methylnaphthalene	280		52	7.6	ug/L	10		8270D	Total/NA
2-Methylnaphthalene	36	J	52	6.3	ug/L	10		8270D	Total/NA
Acenaphthene	190		52	4.3	ug/L	10		8270D	Total/NA
Acenaphthylene	7.4	J	52	4.0	ug/L	10		8270D	Total/NA
Anthracene	11	J	52	2.9	ug/L	10		8270D	Total/NA
Fluorene	62		52	3.8	ug/L	10		8270D	Total/NA
Naphthalene	340		52	7.9	ug/L	10		8270D	Total/NA
Phenanthrene	73		52	4.6	ug/L	10		8270D	Total/NA
Pyrene	5.0	J	52	3.5	ug/L	10		8270D	Total/NA

Client Sample ID: PZ-19 — Lab Sample ID: 480-201062-20

No Detections.

Client Sample ID: PZ-36 — Lab Sample ID: 480-201062-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	3.8		1.0	0.41	ug/L	1		8260C	Total/NA
Ethylbenzene	1.3		1.0	0.74	ug/L	1		8260C	Total/NA
1-Methylnaphthalene	7.2		5.2	0.76	ug/L	1		8270D	Total/NA
Acenaphthene	25		5.2	0.43	ug/L	1		8270D	Total/NA
Acenaphthylene	9.0		5.2	0.40	ug/L	1		8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: PZ-36 (Continued) — Lab Sample ID: 480-201062-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	0.64	J	5.2	0.29	ug/L	1		8270D	Total/NA
Fluoranthene	3.3	J	5.2	0.42	ug/L	1		8270D	Total/NA
Fluorene	2.3	J	5.2	0.38	ug/L	1		8270D	Total/NA
Phenanthrene	1.1	J	5.2	0.46	ug/L	1		8270D	Total/NA
Pyrene	4.1	J	5.2	0.35	ug/L	1		8270D	Total/NA

Client Sample ID: PZ-32 — Lab Sample ID: 480-201062-22

No Detections.

Client Sample ID: MW-1806 — Lab Sample ID: 480-201062-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	21		10	7.4	ug/L	10		8260C	Total/NA
Xylenes, Total	26		20	6.6	ug/L	10		8260C	Total/NA
Acenaphthene	26	J	50	4.1	ug/L	10		8270D	Total/NA
Benzo[a]anthracene	7.5	J	50	3.6	ug/L	10		8270D	Total/NA
Benzo[a]pyrene	6.1	J	50	4.7	ug/L	10		8270D	Total/NA
Benzo[b]fluoranthene	4.6	J	50	3.4	ug/L	10		8270D	Total/NA
Chrysene	5.1	J	50	3.3	ug/L	10		8270D	Total/NA
Fluoranthene	15	J	50	4.0	ug/L	10		8270D	Total/NA
Pyrene	16	J	50	3.4	ug/L	10		8270D	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-201062-24

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-1805

Date Collected: 08/25/22 08:45
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**49**		5.0	2.1	ug/L			08/26/22 17:24	5
Ethylbenzene	**150**		5.0	3.7	ug/L			08/26/22 17:24	5
Toluene	**6.6**		5.0	2.6	ug/L			08/26/22 17:24	5
Xylenes, Total	**66**		10	3.3	ug/L			08/26/22 17:24	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*08/26/22 17:24*	*5*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*08/26/22 17:24*	*5*
Dibromofluoromethane (Surr)	*99*		*75 - 123*		*08/26/22 17:24*	*5*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/26/22 17:24*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**270**		25	3.7	ug/L		08/27/22 09:32	08/30/22 13:31	5
2-Methylnaphthalene	**19**	**J**	25	3.0	ug/L		08/27/22 09:32	08/30/22 13:31	5
Acenaphthene	**170**		25	2.1	ug/L		08/27/22 09:32	08/30/22 13:31	5
Acenaphthylene	**8.0**	**J**	25	1.9	ug/L		08/27/22 09:32	08/30/22 13:31	5
Anthracene	**14**	**J**	25	1.4	ug/L		08/27/22 09:32	08/30/22 13:31	5
Benzo[a]anthracene	ND		25	1.8	ug/L		08/27/22 09:32	08/30/22 13:31	5
Benzo[a]pyrene	ND		25	2.4	ug/L		08/27/22 09:32	08/30/22 13:31	5
Benzo[b]fluoranthene	ND		25	1.7	ug/L		08/27/22 09:32	08/30/22 13:31	5
Benzo[g,h,i]perylene	ND		25	1.8	ug/L		08/27/22 09:32	08/30/22 13:31	5
Benzo[k]fluoranthene	ND		25	3.7	ug/L		08/27/22 09:32	08/30/22 13:31	5
Chrysene	ND		25	1.7	ug/L		08/27/22 09:32	08/30/22 13:31	5
Dibenz(a,h)anthracene	ND		25	2.1	ug/L		08/27/22 09:32	08/30/22 13:31	5
Fluoranthene	**3.7**	**J**	25	2.0	ug/L		08/27/22 09:32	08/30/22 13:31	5
Fluorene	**58**		25	1.8	ug/L		08/27/22 09:32	08/30/22 13:31	5
Indeno[1,2,3-cd]pyrene	ND		25	2.4	ug/L		08/27/22 09:32	08/30/22 13:31	5
Naphthalene	**180**		25	3.8	ug/L		08/27/22 09:32	08/30/22 13:31	5
Phenanthrene	**68**		25	2.2	ug/L		08/27/22 09:32	08/30/22 13:31	5
Pyrene	**4.5**	**J**	25	1.7	ug/L		08/27/22 09:32	08/30/22 13:31	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*93*		*48 - 120*	*08/27/22 09:32*	*08/30/22 13:31*	*5*
Nitrobenzene-d5 (Surr)	*82*		*46 - 120*	*08/27/22 09:32*	*08/30/22 13:31*	*5*
p-Terphenyl-d14 (Surr)	*51*	*S1-*	*60 - 148*	*08/27/22 09:32*	*08/30/22 13:31*	*5*

Client Sample ID: PZ-31

Date Collected: 08/25/22 10:15
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-2

Matrix: Water

Method: 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			08/29/22 17:42	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/29/22 17:42	1
Toluene	ND		1.0	0.51	ug/L			08/29/22 17:42	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/29/22 17:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*		*08/29/22 17:42*	*1*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*08/29/22 17:42*	*1*

Client Sample ID: PZ-31

Date Collected: 08/25/22 10:15
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-2

Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*99*		*75 - 123*		*08/29/22 17:42*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/29/22 17:42*	*1*

Method: 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		08/27/22 09:32	08/30/22 13:58	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/27/22 09:32	08/30/22 13:58	1
Acenaphthene	ND		5.0	0.41	ug/L		08/27/22 09:32	08/30/22 13:58	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/27/22 09:32	08/30/22 13:58	1
Anthracene	ND		5.0	0.28	ug/L		08/27/22 09:32	08/30/22 13:58	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/27/22 09:32	08/30/22 13:58	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/27/22 09:32	08/30/22 13:58	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/27/22 09:32	08/30/22 13:58	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/27/22 09:32	08/30/22 13:58	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/27/22 09:32	08/30/22 13:58	1
Chrysene	ND		5.0	0.33	ug/L		08/27/22 09:32	08/30/22 13:58	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/27/22 09:32	08/30/22 13:58	1
Fluoranthene	ND		5.0	0.40	ug/L		08/27/22 09:32	08/30/22 13:58	1
Fluorene	ND		5.0	0.36	ug/L		08/27/22 09:32	08/30/22 13:58	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/27/22 09:32	08/30/22 13:58	1
Naphthalene	ND		5.0	0.76	ug/L		08/27/22 09:32	08/30/22 13:58	1
Phenanthrene	ND		5.0	0.44	ug/L		08/27/22 09:32	08/30/22 13:58	1
Pyrene	ND		5.0	0.34	ug/L		08/27/22 09:32	08/30/22 13:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*99*		*48 - 120*	*08/27/22 09:32*	*08/30/22 13:58*	*1*
Nitrobenzene-d5 (Surr)	*88*		*46 - 120*	*08/27/22 09:32*	*08/30/22 13:58*	*1*
p-Terphenyl-d14 (Surr)	*59*	*S1-*	*60 - 148*	*08/27/22 09:32*	*08/30/22 13:58*	*1*

Client Sample ID: MW-1807

Date Collected: 08/25/22 09:00
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**11**		1.0	0.41	ug/L			08/26/22 18:11	1
Ethylbenzene	**2.6**		1.0	0.74	ug/L			08/26/22 18:11	1
Toluene	**0.90**	**J**	1.0	0.51	ug/L			08/26/22 18:11	1
Xylenes, Total	**3.9**		2.0	0.66	ug/L			08/26/22 18:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*		*08/26/22 18:11*	*1*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*08/26/22 18:11*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 123*		*08/26/22 18:11*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/26/22 18:11*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		54	7.9	ug/L		08/27/22 09:32	08/30/22 14:25	10
2-Methylnaphthalene	ND		54	6.5	ug/L		08/27/22 09:32	08/30/22 14:25	10

Client Sample ID: MW-1807

Date Collected: 08/25/22 09:00
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**31**	**J**	54	4.5	ug/L		08/27/22 09:32	08/30/22 14:25	10
Acenaphthylene	ND		54	4.1	ug/L		08/27/22 09:32	08/30/22 14:25	10
Anthracene	ND		54	3.0	ug/L		08/27/22 09:32	08/30/22 14:25	10
Benzo[a]anthracene	ND		54	3.9	ug/L		08/27/22 09:32	08/30/22 14:25	10
Benzo[a]pyrene	ND		54	5.1	ug/L		08/27/22 09:32	08/30/22 14:25	10
Benzo[b]fluoranthene	ND		54	3.7	ug/L		08/27/22 09:32	08/30/22 14:25	10
Benzo[g,h,i]perylene	ND		54	3.8	ug/L		08/27/22 09:32	08/30/22 14:25	10
Benzo[k]fluoranthene	ND		54	7.9	ug/L		08/27/22 09:32	08/30/22 14:25	10
Chrysene	ND		54	3.6	ug/L		08/27/22 09:32	08/30/22 14:25	10
Dibenz(a,h)anthracene	ND		54	4.6	ug/L		08/27/22 09:32	08/30/22 14:25	10
Fluoranthene	**5.9**	**J**	54	4.3	ug/L		08/27/22 09:32	08/30/22 14:25	10
Fluorene	**16**	**J**	54	3.9	ug/L		08/27/22 09:32	08/30/22 14:25	10
Indeno[1,2,3-cd]pyrene	ND		54	5.1	ug/L		08/27/22 09:32	08/30/22 14:25	10
Naphthalene	ND		54	8.3	ug/L		08/27/22 09:32	08/30/22 14:25	10
Phenanthrene	ND		54	4.8	ug/L		08/27/22 09:32	08/30/22 14:25	10
Pyrene	**7.0**	**J**	54	3.7	ug/L		08/27/22 09:32	08/30/22 14:25	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*96*		*48 - 120*	*08/27/22 09:32*	*08/30/22 14:25*	*10*
Nitrobenzene-d5 (Surr)	*81*		*46 - 120*	*08/27/22 09:32*	*08/30/22 14:25*	*10*
p-Terphenyl-d14 (Surr)	*56*	*S1-*	*60 - 148*	*08/27/22 09:32*	*08/30/22 14:25*	*10*

Client Sample ID: MW-1809

Date Collected: 08/25/22 10:05
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-4

Matrix: Water

Method: 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			08/26/22 18:34	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/26/22 18:34	1
Toluene	ND		1.0	0.51	ug/L			08/26/22 18:34	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/26/22 18:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*		*08/26/22 18:34*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*08/26/22 18:34*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*08/26/22 18:34*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*08/26/22 18:34*	*1*

Method: 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		08/27/22 09:32	08/30/22 14:53	1
2-Methylnaphthalene	ND		5.4	0.65	ug/L		08/27/22 09:32	08/30/22 14:53	1
Acenaphthene	ND		5.4	0.45	ug/L		08/27/22 09:32	08/30/22 14:53	1
Acenaphthylene	ND		5.4	0.41	ug/L		08/27/22 09:32	08/30/22 14:53	1
Anthracene	ND		5.4	0.30	ug/L		08/27/22 09:32	08/30/22 14:53	1
Benzo[a]anthracene	ND		5.4	0.39	ug/L		08/27/22 09:32	08/30/22 14:53	1
Benzo[a]pyrene	ND		5.4	0.51	ug/L		08/27/22 09:32	08/30/22 14:53	1
Benzo[b]fluoranthene	ND		5.4	0.37	ug/L		08/27/22 09:32	08/30/22 14:53	1
Benzo[g,h,i]perylene	ND		5.4	0.38	ug/L		08/27/22 09:32	08/30/22 14:53	1
Benzo[k]fluoranthene	ND		5.4	0.79	ug/L		08/27/22 09:32	08/30/22 14:53	1

Client Sample ID: MW-1809

Date Collected: 08/25/22 10:05
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.4	0.36	ug/L		08/27/22 09:32	08/30/22 14:53	1
Dibenz(a,h)anthracene	ND		5.4	0.46	ug/L		08/27/22 09:32	08/30/22 14:53	1
Fluoranthene	ND		5.4	0.43	ug/L		08/27/22 09:32	08/30/22 14:53	1
Fluorene	ND		5.4	0.39	ug/L		08/27/22 09:32	08/30/22 14:53	1
Indeno[1,2,3-cd]pyrene	ND		5.4	0.51	ug/L		08/27/22 09:32	08/30/22 14:53	1
Naphthalene	ND		5.4	0.83	ug/L		08/27/22 09:32	08/30/22 14:53	1
Phenanthrene	ND		5.4	0.48	ug/L		08/27/22 09:32	08/30/22 14:53	1
Pyrene	ND		5.4	0.37	ug/L		08/27/22 09:32	08/30/22 14:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*111*		*48 - 120*	*08/27/22 09:32*	*08/30/22 14:53*	*1*
Nitrobenzene-d5 (Surr)	*94*		*46 - 120*	*08/27/22 09:32*	*08/30/22 14:53*	*1*
p-Terphenyl-d14 (Surr)	*75*		*60 - 148*	*08/27/22 09:32*	*08/30/22 14:53*	*1*

Client Sample ID: PZ-13

Date Collected: 08/25/22 11:05
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-5
Matrix: Water

Method: 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			08/26/22 18:57	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/26/22 18:57	1
Toluene	ND		1.0	0.51	ug/L			08/26/22 18:57	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/26/22 18:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*77 - 120*		*08/26/22 18:57*	*1*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*08/26/22 18:57*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 123*		*08/26/22 18:57*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/26/22 18:57*	*1*

Method: 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		08/27/22 09:32	08/30/22 15:20	1
2-Methylnaphthalene	ND		5.4	0.65	ug/L		08/27/22 09:32	08/30/22 15:20	1
Acenaphthene	ND		5.4	0.45	ug/L		08/27/22 09:32	08/30/22 15:20	1
Acenaphthylene	ND		5.4	0.41	ug/L		08/27/22 09:32	08/30/22 15:20	1
Anthracene	ND		5.4	0.30	ug/L		08/27/22 09:32	08/30/22 15:20	1
Benzo[a]anthracene	ND		5.4	0.39	ug/L		08/27/22 09:32	08/30/22 15:20	1
Benzo[a]pyrene	ND		5.4	0.51	ug/L		08/27/22 09:32	08/30/22 15:20	1
Benzo[b]fluoranthene	ND		5.4	0.37	ug/L		08/27/22 09:32	08/30/22 15:20	1
Benzo[g,h,i]perylene	ND		5.4	0.38	ug/L		08/27/22 09:32	08/30/22 15:20	1
Benzo[k]fluoranthene	ND		5.4	0.79	ug/L		08/27/22 09:32	08/30/22 15:20	1
Chrysene	ND		5.4	0.36	ug/L		08/27/22 09:32	08/30/22 15:20	1
Dibenz(a,h)anthracene	ND		5.4	0.46	ug/L		08/27/22 09:32	08/30/22 15:20	1
Fluoranthene	ND		5.4	0.43	ug/L		08/27/22 09:32	08/30/22 15:20	1
Fluorene	ND		5.4	0.39	ug/L		08/27/22 09:32	08/30/22 15:20	1
Indeno[1,2,3-cd]pyrene	ND		5.4	0.51	ug/L		08/27/22 09:32	08/30/22 15:20	1
Naphthalene	ND		5.4	0.83	ug/L		08/27/22 09:32	08/30/22 15:20	1
Phenanthrene	ND		5.4	0.48	ug/L		08/27/22 09:32	08/30/22 15:20	1
Pyrene	ND		5.4	0.37	ug/L		08/27/22 09:32	08/30/22 15:20	1

Client Sample ID: PZ-13

Lab Sample ID: 480-201062-5

Date Collected: 08/25/22 11:05

Matrix: Water

Date Received: 08/26/22 12:05

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*110*		*48 - 120*	*08/27/22 09:32*	*08/30/22 15:20*	*1*
Nitrobenzene-d5 (Surr)	*94*		*46 - 120*	*08/27/22 09:32*	*08/30/22 15:20*	*1*
p-Terphenyl-d14 (Surr)	*58*	*S1-*	*60 - 148*	*08/27/22 09:32*	*08/30/22 15:20*	*1*

Client Sample ID: PZ-29

Lab Sample ID: 480-201062-6

Date Collected: 08/25/22 12:00

Matrix: Water

Date Received: 08/26/22 12:05

Method: 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			08/26/22 19:20	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/26/22 19:20	1
Toluene	ND		1.0	0.51	ug/L			08/26/22 19:20	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/26/22 19:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*08/26/22 19:20*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*08/26/22 19:20*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*08/26/22 19:20*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/26/22 19:20*	*1*

Method: 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		08/27/22 09:32	08/30/22 15:47	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/27/22 09:32	08/30/22 15:47	1
Acenaphthene	ND		5.0	0.41	ug/L		08/27/22 09:32	08/30/22 15:47	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/27/22 09:32	08/30/22 15:47	1
Anthracene	ND		5.0	0.28	ug/L		08/27/22 09:32	08/30/22 15:47	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/27/22 09:32	08/30/22 15:47	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/27/22 09:32	08/30/22 15:47	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/27/22 09:32	08/30/22 15:47	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/27/22 09:32	08/30/22 15:47	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/27/22 09:32	08/30/22 15:47	1
Chrysene	ND		5.0	0.33	ug/L		08/27/22 09:32	08/30/22 15:47	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/27/22 09:32	08/30/22 15:47	1
Fluoranthene	ND		5.0	0.40	ug/L		08/27/22 09:32	08/30/22 15:47	1
Fluorene	ND		5.0	0.36	ug/L		08/27/22 09:32	08/30/22 15:47	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/27/22 09:32	08/30/22 15:47	1
Naphthalene	ND		5.0	0.76	ug/L		08/27/22 09:32	08/30/22 15:47	1
Phenanthrene	ND		5.0	0.44	ug/L		08/27/22 09:32	08/30/22 15:47	1
Pyrene	ND		5.0	0.34	ug/L		08/27/22 09:32	08/30/22 15:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*104*		*48 - 120*	*08/27/22 09:32*	*08/30/22 15:47*	*1*
Nitrobenzene-d5 (Surr)	*88*		*46 - 120*	*08/27/22 09:32*	*08/30/22 15:47*	*1*
p-Terphenyl-d14 (Surr)	*62*		*60 - 148*	*08/27/22 09:32*	*08/30/22 15:47*	*1*

Client Sample ID: MW-1810

Lab Sample ID: 480-201062-7

Date Collected: 08/25/22 12:40

Matrix: Water

Date Received: 08/26/22 12:05

Method: 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			08/26/22 19:44	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/26/22 19:44	1
Toluene	ND		1.0	0.51	ug/L			08/26/22 19:44	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/26/22 19:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*08/26/22 19:44*	*1*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*08/26/22 19:44*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 123*		*08/26/22 19:44*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*08/26/22 19:44*	*1*

Method: 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		08/27/22 09:32	08/30/22 16:15	1
2-Methylnaphthalene	ND		5.2	0.63	ug/L		08/27/22 09:32	08/30/22 16:15	1
Acenaphthene	ND		5.2	0.43	ug/L		08/27/22 09:32	08/30/22 16:15	1
Acenaphthylene	ND		5.2	0.40	ug/L		08/27/22 09:32	08/30/22 16:15	1
Anthracene	ND		5.2	0.29	ug/L		08/27/22 09:32	08/30/22 16:15	1
Benzo[a]anthracene	ND		5.2	0.38	ug/L		08/27/22 09:32	08/30/22 16:15	1
Benzo[a]pyrene	ND		5.2	0.49	ug/L		08/27/22 09:32	08/30/22 16:15	1
Benzo[b]fluoranthene	ND		5.2	0.35	ug/L		08/27/22 09:32	08/30/22 16:15	1
Benzo[g,h,i]perylene	ND		5.2	0.36	ug/L		08/27/22 09:32	08/30/22 16:15	1
Benzo[k]fluoranthene	ND		5.2	0.76	ug/L		08/27/22 09:32	08/30/22 16:15	1
Chrysene	ND		5.2	0.34	ug/L		08/27/22 09:32	08/30/22 16:15	1
Dibenz(a,h)anthracene	ND		5.2	0.44	ug/L		08/27/22 09:32	08/30/22 16:15	1
Fluoranthene	ND		5.2	0.42	ug/L		08/27/22 09:32	08/30/22 16:15	1
Fluorene	ND		5.2	0.38	ug/L		08/27/22 09:32	08/30/22 16:15	1
Indeno[1,2,3-cd]pyrene	ND		5.2	0.49	ug/L		08/27/22 09:32	08/30/22 16:15	1
Naphthalene	ND		5.2	0.79	ug/L		08/27/22 09:32	08/30/22 16:15	1
Phenanthrene	ND		5.2	0.46	ug/L		08/27/22 09:32	08/30/22 16:15	1
Pyrene	ND		5.2	0.35	ug/L		08/27/22 09:32	08/30/22 16:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*107*		*48 - 120*	*08/27/22 09:32*	*08/30/22 16:15*	*1*
Nitrobenzene-d5 (Surr)	*92*		*46 - 120*	*08/27/22 09:32*	*08/30/22 16:15*	*1*
p-Terphenyl-d14 (Surr)	*66*		*60 - 148*	*08/27/22 09:32*	*08/30/22 16:15*	*1*

Client Sample ID: PZ-24

Lab Sample ID: 480-201062-8

Date Collected: 08/25/22 14:55

Matrix: Water

Date Received: 08/26/22 12:05

Method: 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			08/26/22 20:07	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/26/22 20:07	1
Toluene	ND		1.0	0.51	ug/L			08/26/22 20:07	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/26/22 20:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*		*08/26/22 20:07*	*1*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*		*08/26/22 20:07*	*1*

Client Sample ID: PZ-24

Lab Sample ID: 480-201062-8

Date Collected: 08/25/22 14:55

Matrix: Water

Date Received: 08/26/22 12:05

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*08/26/22 20:07*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/26/22 20:07*	*1*

Method: 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		08/27/22 09:32	08/30/22 16:42	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/27/22 09:32	08/30/22 16:42	1
Acenaphthene	ND		5.0	0.41	ug/L		08/27/22 09:32	08/30/22 16:42	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/27/22 09:32	08/30/22 16:42	1
Anthracene	ND		5.0	0.28	ug/L		08/27/22 09:32	08/30/22 16:42	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/27/22 09:32	08/30/22 16:42	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/27/22 09:32	08/30/22 16:42	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/27/22 09:32	08/30/22 16:42	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/27/22 09:32	08/30/22 16:42	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/27/22 09:32	08/30/22 16:42	1
Chrysene	ND		5.0	0.33	ug/L		08/27/22 09:32	08/30/22 16:42	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/27/22 09:32	08/30/22 16:42	1
Fluoranthene	ND		5.0	0.40	ug/L		08/27/22 09:32	08/30/22 16:42	1
Fluorene	ND		5.0	0.36	ug/L		08/27/22 09:32	08/30/22 16:42	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/27/22 09:32	08/30/22 16:42	1
Naphthalene	ND		5.0	0.76	ug/L		08/27/22 09:32	08/30/22 16:42	1
Phenanthrene	ND		5.0	0.44	ug/L		08/27/22 09:32	08/30/22 16:42	1
Pyrene	ND		5.0	0.34	ug/L		08/27/22 09:32	08/30/22 16:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	*100*		*48 - 120*	*08/27/22 09:32*	*08/30/22 16:42*	*1*
Nitrobenzene-d5 (Surr)	*86*		*46 - 120*	*08/27/22 09:32*	*08/30/22 16:42*	*1*
p-Terphenyl-d14 (Surr)	*68*		*60 - 148*	*08/27/22 09:32*	*08/30/22 16:42*	*1*

Client Sample ID: PZ-18

Lab Sample ID: 480-201062-9

Date Collected: 08/25/22 14:00

Matrix: Water

Date Received: 08/26/22 12:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**240**		4.0	1.6	ug/L			08/29/22 18:05	4
Ethylbenzene	ND		4.0	3.0	ug/L			08/29/22 18:05	4
Toluene	ND		4.0	2.0	ug/L			08/29/22 18:05	4
Xylenes, Total	ND		8.0	2.6	ug/L			08/29/22 18:05	4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*08/29/22 18:05*	*4*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*08/29/22 18:05*	*4*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*08/29/22 18:05*	*4*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/29/22 18:05*	*4*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**1.2**	**J**	5.4	0.79	ug/L		08/27/22 09:32	08/30/22 17:09	1
2-Methylnaphthalene	ND		5.4	0.65	ug/L		08/27/22 09:32	08/30/22 17:09	1

Client Sample ID: PZ-18

Date Collected: 08/25/22 14:00
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-9

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**0.56**	**J**	5.4	0.45	ug/L		08/27/22 09:32	08/30/22 17:09	1
Acenaphthylene	ND		5.4	0.41	ug/L		08/27/22 09:32	08/30/22 17:09	1
Anthracene	ND		5.4	0.30	ug/L		08/27/22 09:32	08/30/22 17:09	1
Benzo[a]anthracene	ND		5.4	0.39	ug/L		08/27/22 09:32	08/30/22 17:09	1
Benzo[a]pyrene	ND		5.4	0.51	ug/L		08/27/22 09:32	08/30/22 17:09	1
Benzo[b]fluoranthene	ND		5.4	0.37	ug/L		08/27/22 09:32	08/30/22 17:09	1
Benzo[g,h,i]perylene	ND		5.4	0.38	ug/L		08/27/22 09:32	08/30/22 17:09	1
Benzo[k]fluoranthene	ND		5.4	0.79	ug/L		08/27/22 09:32	08/30/22 17:09	1
Chrysene	ND		5.4	0.36	ug/L		08/27/22 09:32	08/30/22 17:09	1
Dibenz(a,h)anthracene	ND		5.4	0.46	ug/L		08/27/22 09:32	08/30/22 17:09	1
Fluoranthene	ND		5.4	0.43	ug/L		08/27/22 09:32	08/30/22 17:09	1
Fluorene	ND		5.4	0.39	ug/L		08/27/22 09:32	08/30/22 17:09	1
Indeno[1,2,3-cd]pyrene	ND		5.4	0.51	ug/L		08/27/22 09:32	08/30/22 17:09	1
Naphthalene	ND		5.4	0.83	ug/L		08/27/22 09:32	08/30/22 17:09	1
Phenanthrene	ND		5.4	0.48	ug/L		08/27/22 09:32	08/30/22 17:09	1
Pyrene	ND		5.4	0.37	ug/L		08/27/22 09:32	08/30/22 17:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*99*		*48 - 120*	*08/27/22 09:32*	*08/30/22 17:09*	*1*
Nitrobenzene-d5 (Surr)	*87*		*46 - 120*	*08/27/22 09:32*	*08/30/22 17:09*	*1*
p-Terphenyl-d14 (Surr)	*72*		*60 - 148*	*08/27/22 09:32*	*08/30/22 17:09*	*1*

Client Sample ID: PZ-14

Date Collected: 08/25/22 16:05
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-10

Matrix: Water

Method: 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			08/29/22 18:28	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/29/22 18:28	1
Toluene	ND		1.0	0.51	ug/L			08/29/22 18:28	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/29/22 18:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*		*08/29/22 18:28*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*08/29/22 18:28*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*08/29/22 18:28*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*08/29/22 18:28*	*1*

Method: 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		08/27/22 09:32	08/30/22 17:37	1
2-Methylnaphthalene	ND		5.4	0.65	ug/L		08/27/22 09:32	08/30/22 17:37	1
Acenaphthene	ND		5.4	0.45	ug/L		08/27/22 09:32	08/30/22 17:37	1
Acenaphthylene	ND		5.4	0.41	ug/L		08/27/22 09:32	08/30/22 17:37	1
Anthracene	ND		5.4	0.30	ug/L		08/27/22 09:32	08/30/22 17:37	1
Benzo[a]anthracene	ND		5.4	0.39	ug/L		08/27/22 09:32	08/30/22 17:37	1
Benzo[a]pyrene	ND		5.4	0.51	ug/L		08/27/22 09:32	08/30/22 17:37	1
Benzo[b]fluoranthene	ND		5.4	0.37	ug/L		08/27/22 09:32	08/30/22 17:37	1
Benzo[g,h,i]perylene	ND		5.4	0.38	ug/L		08/27/22 09:32	08/30/22 17:37	1
Benzo[k]fluoranthene	ND		5.4	0.79	ug/L		08/27/22 09:32	08/30/22 17:37	1

Client Sample ID: PZ-14

Date Collected: 08/25/22 16:05
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.4	0.36	ug/L		08/27/22 09:32	08/30/22 17:37	1
Dibenz(a,h)anthracene	ND		5.4	0.46	ug/L		08/27/22 09:32	08/30/22 17:37	1
Fluoranthene	ND		5.4	0.43	ug/L		08/27/22 09:32	08/30/22 17:37	1
Fluorene	ND		5.4	0.39	ug/L		08/27/22 09:32	08/30/22 17:37	1
Indeno[1,2,3-cd]pyrene	ND		5.4	0.51	ug/L		08/27/22 09:32	08/30/22 17:37	1
Naphthalene	ND		5.4	0.83	ug/L		08/27/22 09:32	08/30/22 17:37	1
Phenanthrene	ND		5.4	0.48	ug/L		08/27/22 09:32	08/30/22 17:37	1
Pyrene	ND		5.4	0.37	ug/L		08/27/22 09:32	08/30/22 17:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*94*		*48 - 120*	*08/27/22 09:32*	*08/30/22 17:37*	*1*
Nitrobenzene-d5 (Surr)	*81*		*46 - 120*	*08/27/22 09:32*	*08/30/22 17:37*	*1*
p-Terphenyl-d14 (Surr)	*70*		*60 - 148*	*08/27/22 09:32*	*08/30/22 17:37*	*1*

Client Sample ID: MW-1802

Date Collected: 08/26/22 08:35
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-11
Matrix: Water

Method: 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			08/26/22 21:17	10
Ethylbenzene	**190**		10	7.4	ug/L			08/26/22 21:17	10
Toluene	**6.3**	**J**	10	5.1	ug/L			08/26/22 21:17	10
Xylenes, Total	**110**		20	6.6	ug/L			08/26/22 21:17	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*08/26/22 21:17*	*10*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*08/26/22 21:17*	*10*
Dibromofluoromethane (Surr)	*103*		*75 - 123*		*08/26/22 21:17*	*10*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/26/22 21:17*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**80**	**J**	100	15	ug/L		08/27/22 09:32	08/30/22 18:04	20
2-Methylnaphthalene	**14**	**J**	100	12	ug/L		08/27/22 09:32	08/30/22 18:04	20
Acenaphthene	**120**		100	8.2	ug/L		08/27/22 09:32	08/30/22 18:04	20
Acenaphthylene	ND		100	7.6	ug/L		08/27/22 09:32	08/30/22 18:04	20
Anthracene	**12**	**J**	100	5.6	ug/L		08/27/22 09:32	08/30/22 18:04	20
Benzo[a]anthracene	ND		100	7.2	ug/L		08/27/22 09:32	08/30/22 18:04	20
Benzo[a]pyrene	ND		100	9.4	ug/L		08/27/22 09:32	08/30/22 18:04	20
Benzo[b]fluoranthene	ND		100	6.8	ug/L		08/27/22 09:32	08/30/22 18:04	20
Benzo[g,h,i]perylene	ND		100	7.0	ug/L		08/27/22 09:32	08/30/22 18:04	20
Benzo[k]fluoranthene	ND		100	15	ug/L		08/27/22 09:32	08/30/22 18:04	20
Chrysene	ND		100	6.6	ug/L		08/27/22 09:32	08/30/22 18:04	20
Dibenz(a,h)anthracene	ND		100	8.4	ug/L		08/27/22 09:32	08/30/22 18:04	20
Fluoranthene	**8.9**	**J**	100	8.0	ug/L		08/27/22 09:32	08/30/22 18:04	20
Fluorene	**34**	**J**	100	7.2	ug/L		08/27/22 09:32	08/30/22 18:04	20
Indeno[1,2,3-cd]pyrene	ND		100	9.4	ug/L		08/27/22 09:32	08/30/22 18:04	20
Naphthalene	**680**		100	15	ug/L		08/27/22 09:32	08/30/22 18:04	20
Phenanthrene	**36**	**J**	100	8.8	ug/L		08/27/22 09:32	08/30/22 18:04	20
Pyrene	**12**	**J**	100	6.8	ug/L		08/27/22 09:32	08/30/22 18:04	20

Client Sample ID: MW-1802

Date Collected: 08/26/22 08:35
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-11
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	91		48 - 120	08/27/22 09:32	08/30/22 18:04	20
Nitrobenzene-d5 (Surr)	71		46 - 120	08/27/22 09:32	08/30/22 18:04	20
p-Terphenyl-d14 (Surr)	45	S1-	60 - 148	08/27/22 09:32	08/30/22 18:04	20

Client Sample ID: MW-1803

Date Collected: 08/23/22 14:35
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-12
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**12**		10	4.1	ug/L			08/26/22 21:40	10
Ethylbenzene	**150**		10	7.4	ug/L			08/26/22 21:40	10
Toluene	ND		10	5.1	ug/L			08/26/22 21:40	10
Xylenes, Total	**100**		20	6.6	ug/L			08/26/22 21:40	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		77 - 120		08/26/22 21:40	10
4-Bromofluorobenzene (Surr)	105		73 - 120		08/26/22 21:40	10
Dibromofluoromethane (Surr)	100		75 - 123		08/26/22 21:40	10
Toluene-d8 (Surr)	101		80 - 120		08/26/22 21:40	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**540**		50	7.3	ug/L		08/27/22 09:32	08/30/22 18:31	10
2-Methylnaphthalene	ND		50	6.0	ug/L		08/27/22 09:32	08/30/22 18:31	10
Acenaphthene	**240**		50	4.1	ug/L		08/27/22 09:32	08/30/22 18:31	10
Acenaphthylene	**45**	**J**	50	3.8	ug/L		08/27/22 09:32	08/30/22 18:31	10
Anthracene	**15**	**J**	50	2.8	ug/L		08/27/22 09:32	08/30/22 18:31	10
Benzo[a]anthracene	ND		50	3.6	ug/L		08/27/22 09:32	08/30/22 18:31	10
Benzo[a]pyrene	ND		50	4.7	ug/L		08/27/22 09:32	08/30/22 18:31	10
Benzo[b]fluoranthene	ND		50	3.4	ug/L		08/27/22 09:32	08/30/22 18:31	10
Benzo[g,h,i]perylene	ND		50	3.5	ug/L		08/27/22 09:32	08/30/22 18:31	10
Benzo[k]fluoranthene	ND		50	7.3	ug/L		08/27/22 09:32	08/30/22 18:31	10
Chrysene	ND		50	3.3	ug/L		08/27/22 09:32	08/30/22 18:31	10
Dibenz(a,h)anthracene	ND		50	4.2	ug/L		08/27/22 09:32	08/30/22 18:31	10
Fluoranthene	**4.6**	**J**	50	4.0	ug/L		08/27/22 09:32	08/30/22 18:31	10
Fluorene	**74**		50	3.6	ug/L		08/27/22 09:32	08/30/22 18:31	10
Indeno[1,2,3-cd]pyrene	ND		50	4.7	ug/L		08/27/22 09:32	08/30/22 18:31	10
Naphthalene	**150**		50	7.6	ug/L		08/27/22 09:32	08/30/22 18:31	10
Phenanthrene	**67**		50	4.4	ug/L		08/27/22 09:32	08/30/22 18:31	10
Pyrene	**5.4**	**J**	50	3.4	ug/L		08/27/22 09:32	08/30/22 18:31	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	99		48 - 120	08/27/22 09:32	08/30/22 18:31	10
Nitrobenzene-d5 (Surr)	72		46 - 120	08/27/22 09:32	08/30/22 18:31	10
p-Terphenyl-d14 (Surr)	39	S1-	60 - 148	08/27/22 09:32	08/30/22 18:31	10

Client Sample ID: MW-1804

Date Collected: 08/23/22 14:35
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-13
Matrix: Water

Method: 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			08/26/22 22:03	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/26/22 22:03	1
Toluene	ND		1.0	0.51	ug/L			08/26/22 22:03	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/26/22 22:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*		*08/26/22 22:03*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*08/26/22 22:03*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 123*		*08/26/22 22:03*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/26/22 22:03*	*1*

Method: 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		08/27/22 09:32	08/30/22 18:58	1
2-Methylnaphthalene	ND		5.4	0.65	ug/L		08/27/22 09:32	08/30/22 18:58	1
Acenaphthene	ND		5.4	0.45	ug/L		08/27/22 09:32	08/30/22 18:58	1
Acenaphthylene	ND		5.4	0.41	ug/L		08/27/22 09:32	08/30/22 18:58	1
Anthracene	ND		5.4	0.30	ug/L		08/27/22 09:32	08/30/22 18:58	1
Benzo[a]anthracene	ND		5.4	0.39	ug/L		08/27/22 09:32	08/30/22 18:58	1
Benzo[a]pyrene	ND		5.4	0.51	ug/L		08/27/22 09:32	08/30/22 18:58	1
Benzo[b]fluoranthene	ND		5.4	0.37	ug/L		08/27/22 09:32	08/30/22 18:58	1
Benzo[g,h,i]perylene	ND		5.4	0.38	ug/L		08/27/22 09:32	08/30/22 18:58	1
Benzo[k]fluoranthene	ND		5.4	0.79	ug/L		08/27/22 09:32	08/30/22 18:58	1
Chrysene	ND		5.4	0.36	ug/L		08/27/22 09:32	08/30/22 18:58	1
Dibenz(a,h)anthracene	ND		5.4	0.46	ug/L		08/27/22 09:32	08/30/22 18:58	1
Fluoranthene	ND		5.4	0.43	ug/L		08/27/22 09:32	08/30/22 18:58	1
Fluorene	ND		5.4	0.39	ug/L		08/27/22 09:32	08/30/22 18:58	1
Indeno[1,2,3-cd]pyrene	ND		5.4	0.51	ug/L		08/27/22 09:32	08/30/22 18:58	1
Naphthalene	ND		5.4	0.83	ug/L		08/27/22 09:32	08/30/22 18:58	1
Phenanthrene	ND		5.4	0.48	ug/L		08/27/22 09:32	08/30/22 18:58	1
Pyrene	ND		5.4	0.37	ug/L		08/27/22 09:32	08/30/22 18:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*86*		*48 - 120*	*08/27/22 09:32*	*08/30/22 18:58*	*1*
Nitrobenzene-d5 (Surr)	*73*		*46 - 120*	*08/27/22 09:32*	*08/30/22 18:58*	*1*
p-Terphenyl-d14 (Surr)	*64*		*60 - 148*	*08/27/22 09:32*	*08/30/22 18:58*	*1*

Client Sample ID: MW-1808

Date Collected: 08/24/22 09:20
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-14
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**21**		5.0	2.1	ug/L			08/26/22 22:27	5
Ethylbenzene	**24**		5.0	3.7	ug/L			08/26/22 22:27	5
Toluene	ND		5.0	2.6	ug/L			08/26/22 22:27	5
Xylenes, Total	**13**		10	3.3	ug/L			08/26/22 22:27	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*08/26/22 22:27*	*5*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*08/26/22 22:27*	*5*

Client Sample ID: MW-1808

Date Collected: 08/24/22 09:20
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-14

Matrix: Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*08/26/22 22:27*	*5*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/26/22 22:27*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**130**		25	3.7	ug/L		08/27/22 09:32	08/30/22 13:03	5
2-Methylnaphthalene	ND		25	3.0	ug/L		08/27/22 09:32	08/30/22 13:03	5
Acenaphthene	**60**		25	2.1	ug/L		08/27/22 09:32	08/30/22 13:03	5
Acenaphthylene	**7.5**	**J**	25	1.9	ug/L		08/27/22 09:32	08/30/22 13:03	5
Anthracene	**3.5**	**J**	25	1.4	ug/L		08/27/22 09:32	08/30/22 13:03	5
Benzo[a]anthracene	ND		25	1.8	ug/L		08/27/22 09:32	08/30/22 13:03	5
Benzo[a]pyrene	ND		25	2.4	ug/L		08/27/22 09:32	08/30/22 13:03	5
Benzo[b]fluoranthene	ND		25	1.7	ug/L		08/27/22 09:32	08/30/22 13:03	5
Benzo[g,h,i]perylene	ND		25	1.8	ug/L		08/27/22 09:32	08/30/22 13:03	5
Benzo[k]fluoranthene	ND		25	3.7	ug/L		08/27/22 09:32	08/30/22 13:03	5
Chrysene	ND		25	1.7	ug/L		08/27/22 09:32	08/30/22 13:03	5
Dibenz(a,h)anthracene	ND		25	2.1	ug/L		08/27/22 09:32	08/30/22 13:03	5
Fluoranthene	ND		25	2.0	ug/L		08/27/22 09:32	08/30/22 13:03	5
Fluorene	**21**	**J**	25	1.8	ug/L		08/27/22 09:32	08/30/22 13:03	5
Indeno[1,2,3-cd]pyrene	ND		25	2.4	ug/L		08/27/22 09:32	08/30/22 13:03	5
Naphthalene	**14**	**J**	25	3.8	ug/L		08/27/22 09:32	08/30/22 13:03	5
Phenanthrene	**28**		25	2.2	ug/L		08/27/22 09:32	08/30/22 13:03	5
Pyrene	**2.2**	**J**	25	1.7	ug/L		08/27/22 09:32	08/30/22 13:03	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	*95*		*48 - 120*	*08/27/22 09:32*	*08/30/22 13:03*	*5*
Nitrobenzene-d5 (Surr)	*78*		*46 - 120*	*08/27/22 09:32*	*08/30/22 13:03*	*5*
p-Terphenyl-d14 (Surr)	*57*	*S1-*	*60 - 148*	*08/27/22 09:32*	*08/30/22 13:03*	*5*

Client Sample ID: DUP-01-20220824

Date Collected: 08/24/22 00:00
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-15

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**20**		10	4.1	ug/L			08/26/22 22:50	10
Ethylbenzene	**23**		10	7.4	ug/L			08/26/22 22:50	10
Toluene	ND		10	5.1	ug/L			08/26/22 22:50	10
Xylenes, Total	**8.5**	**J**	20	6.6	ug/L			08/26/22 22:50	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*		*08/26/22 22:50*	*10*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*08/26/22 22:50*	*10*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*08/26/22 22:50*	*10*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/26/22 22:50*	*10*

Method: 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		08/27/22 09:32	08/30/22 19:26	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/27/22 09:32	08/30/22 19:26	1

Client Sample ID: DUP-01-20220824

Date Collected: 08/24/22 00:00
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-15

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**55**		5.0	0.41	ug/L		08/27/22 09:32	08/30/22 19:26	1
Acenaphthylene	**7.3**		5.0	0.38	ug/L		08/27/22 09:32	08/30/22 19:26	1
Anthracene	**3.1**	**J**	5.0	0.28	ug/L		08/27/22 09:32	08/30/22 19:26	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/27/22 09:32	08/30/22 19:26	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/27/22 09:32	08/30/22 19:26	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/27/22 09:32	08/30/22 19:26	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/27/22 09:32	08/30/22 19:26	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/27/22 09:32	08/30/22 19:26	1
Chrysene	ND		5.0	0.33	ug/L		08/27/22 09:32	08/30/22 19:26	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/27/22 09:32	08/30/22 19:26	1
Fluoranthene	**1.8**	**J**	5.0	0.40	ug/L		08/27/22 09:32	08/30/22 19:26	1
Fluorene	**21**		5.0	0.36	ug/L		08/27/22 09:32	08/30/22 19:26	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/27/22 09:32	08/30/22 19:26	1
Naphthalene	**3.7**	**J**	5.0	0.76	ug/L		08/27/22 09:32	08/30/22 19:26	1
Phenanthrene	**25**		5.0	0.44	ug/L		08/27/22 09:32	08/30/22 19:26	1
Pyrene	**2.2**	**J**	5.0	0.34	ug/L		08/27/22 09:32	08/30/22 19:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*85*		*48 - 120*	*08/27/22 09:32*	*08/30/22 19:26*	*1*
Nitrobenzene-d5 (Surr)	*76*		*46 - 120*	*08/27/22 09:32*	*08/30/22 19:26*	*1*
p-Terphenyl-d14 (Surr)	*60*		*60 - 148*	*08/27/22 09:32*	*08/30/22 19:26*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**120**		25	3.7	ug/L		08/27/22 09:32	08/31/22 14:52	5
2-Methylnaphthalene	ND		25	3.0	ug/L		08/27/22 09:32	08/31/22 14:52	5
Acenaphthene	**58**		25	2.1	ug/L		08/27/22 09:32	08/31/22 14:52	5
Acenaphthylene	**7.2**	**J**	25	1.9	ug/L		08/27/22 09:32	08/31/22 14:52	5
Anthracene	**3.7**	**J**	25	1.4	ug/L		08/27/22 09:32	08/31/22 14:52	5
Benzo[a]anthracene	ND		25	1.8	ug/L		08/27/22 09:32	08/31/22 14:52	5
Benzo[a]pyrene	ND		25	2.4	ug/L		08/27/22 09:32	08/31/22 14:52	5
Benzo[b]fluoranthene	ND		25	1.7	ug/L		08/27/22 09:32	08/31/22 14:52	5
Benzo[g,h,i]perylene	ND		25	1.8	ug/L		08/27/22 09:32	08/31/22 14:52	5
Benzo[k]fluoranthene	ND		25	3.7	ug/L		08/27/22 09:32	08/31/22 14:52	5
Chrysene	ND		25	1.7	ug/L		08/27/22 09:32	08/31/22 14:52	5
Dibenz(a,h)anthracene	ND		25	2.1	ug/L		08/27/22 09:32	08/31/22 14:52	5
Fluoranthene	ND		25	2.0	ug/L		08/27/22 09:32	08/31/22 14:52	5
Fluorene	**25**		25	1.8	ug/L		08/27/22 09:32	08/31/22 14:52	5
Indeno[1,2,3-cd]pyrene	ND		25	2.4	ug/L		08/27/22 09:32	08/31/22 14:52	5
Naphthalene	**4.0**	**J**	25	3.8	ug/L		08/27/22 09:32	08/31/22 14:52	5
Phenanthrene	**24**	**J**	25	2.2	ug/L		08/27/22 09:32	08/31/22 14:52	5
Pyrene	**2.0**	**J**	25	1.7	ug/L		08/27/22 09:32	08/31/22 14:52	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*87*		*48 - 120*	*08/27/22 09:32*	*08/31/22 14:52*	*5*
Nitrobenzene-d5 (Surr)	*71*		*46 - 120*	*08/27/22 09:32*	*08/31/22 14:52*	*5*
p-Terphenyl-d14 (Surr)	*59*	*S1-*	*60 - 148*	*08/27/22 09:32*	*08/31/22 14:52*	*5*

Client Sample ID: MW-1801

Date Collected: 08/24/22 09:40
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-16
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	40		5.0	2.1	ug/L			08/26/22 23:14	5
Ethylbenzene	190		5.0	3.7	ug/L			08/26/22 23:14	5
Toluene	5.2		5.0	2.6	ug/L			08/26/22 23:14	5
Xylenes, Total	69		10	3.3	ug/L			08/26/22 23:14	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*08/26/22 23:14*	*5*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*08/26/22 23:14*	*5*
Dibromofluoromethane (Surr)	*99*		*75 - 123*		*08/26/22 23:14*	*5*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/26/22 23:14*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	210		26	3.8	ug/L		08/27/22 09:40	08/30/22 16:14	5
2-Methylnaphthalene	4.0	J	26	3.1	ug/L		08/27/22 09:40	08/30/22 16:14	5
Acenaphthene	110		26	2.1	ug/L		08/27/22 09:40	08/30/22 16:14	5
Acenaphthylene	7.9	J	26	2.0	ug/L		08/27/22 09:40	08/30/22 16:14	5
Anthracene	14	J	26	1.5	ug/L		08/27/22 09:40	08/30/22 16:14	5
Benzo[a]anthracene	ND		26	1.9	ug/L		08/27/22 09:40	08/30/22 16:14	5
Benzo[a]pyrene	ND		26	2.4	ug/L		08/27/22 09:40	08/30/22 16:14	5
Benzo[b]fluoranthene	ND		26	1.8	ug/L		08/27/22 09:40	08/30/22 16:14	5
Benzo[g,h,i]perylene	ND		26	1.8	ug/L		08/27/22 09:40	08/30/22 16:14	5
Benzo[k]fluoranthene	ND		26	3.8	ug/L		08/27/22 09:40	08/30/22 16:14	5
Chrysene	ND		26	1.7	ug/L		08/27/22 09:40	08/30/22 16:14	5
Dibenz(a,h)anthracene	ND		26	2.2	ug/L		08/27/22 09:40	08/30/22 16:14	5
Fluoranthene	5.0	J	26	2.1	ug/L		08/27/22 09:40	08/30/22 16:14	5
Fluorene	40		26	1.9	ug/L		08/27/22 09:40	08/30/22 16:14	5
Indeno[1,2,3-cd]pyrene	ND		26	2.4	ug/L		08/27/22 09:40	08/30/22 16:14	5
Naphthalene	170		26	4.0	ug/L		08/27/22 09:40	08/30/22 16:14	5
Phenanthrene	62		26	2.3	ug/L		08/27/22 09:40	08/30/22 16:14	5
Pyrene	6.9	J	26	1.8	ug/L		08/27/22 09:40	08/30/22 16:14	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*91*		*48 - 120*	*08/27/22 09:40*	*08/30/22 16:14*	*5*
Nitrobenzene-d5 (Surr)	*78*		*46 - 120*	*08/27/22 09:40*	*08/30/22 16:14*	*5*
p-Terphenyl-d14 (Surr)	*70*		*60 - 148*	*08/27/22 09:40*	*08/30/22 16:14*	*5*

Client Sample ID: DUP-02-20220824

Date Collected: 08/24/22 00:00
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-17
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	42		10	4.1	ug/L			08/26/22 23:37	10
Ethylbenzene	200		10	7.4	ug/L			08/26/22 23:37	10
Toluene	5.1	J	10	5.1	ug/L			08/26/22 23:37	10
Xylenes, Total	72		20	6.6	ug/L			08/26/22 23:37	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*		*08/26/22 23:37*	*10*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*08/26/22 23:37*	*10*

Client Sample ID: DUP-02-20220824

Date Collected: 08/24/22 00:00
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-17

Matrix: Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*08/26/22 23:37*	*10*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/26/22 23:37*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**170**	**E**	5.2	0.76	ug/L		08/27/22 09:32	08/30/22 19:53	1
2-Methylnaphthalene	**4.3**	**J**	5.2	0.63	ug/L		08/27/22 09:32	08/30/22 19:53	1
Acenaphthene	**100**	**E**	5.2	0.43	ug/L		08/27/22 09:32	08/30/22 19:53	1
Acenaphthylene	**8.8**		5.2	0.40	ug/L		08/27/22 09:32	08/30/22 19:53	1
Anthracene	**13**		5.2	0.29	ug/L		08/27/22 09:32	08/30/22 19:53	1
Benzo[a]anthracene	ND		5.2	0.38	ug/L		08/27/22 09:32	08/30/22 19:53	1
Benzo[a]pyrene	ND		5.2	0.49	ug/L		08/27/22 09:32	08/30/22 19:53	1
Benzo[b]fluoranthene	ND		5.2	0.35	ug/L		08/27/22 09:32	08/30/22 19:53	1
Benzo[g,h,i]perylene	ND		5.2	0.36	ug/L		08/27/22 09:32	08/30/22 19:53	1
Benzo[k]fluoranthene	ND		5.2	0.76	ug/L		08/27/22 09:32	08/30/22 19:53	1
Chrysene	ND		5.2	0.34	ug/L		08/27/22 09:32	08/30/22 19:53	1
Dibenz(a,h)anthracene	ND		5.2	0.44	ug/L		08/27/22 09:32	08/30/22 19:53	1
Fluoranthene	**6.0**		5.2	0.42	ug/L		08/27/22 09:32	08/30/22 19:53	1
Fluorene	**43**		5.2	0.38	ug/L		08/27/22 09:32	08/30/22 19:53	1
Indeno[1,2,3-cd]pyrene	ND		5.2	0.49	ug/L		08/27/22 09:32	08/30/22 19:53	1
Naphthalene	**120**	**E**	5.2	0.79	ug/L		08/27/22 09:32	08/30/22 19:53	1
Phenanthrene	**62**		5.2	0.46	ug/L		08/27/22 09:32	08/30/22 19:53	1
Pyrene	**6.8**		5.2	0.35	ug/L		08/27/22 09:32	08/30/22 19:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	*91*		*48 - 120*	*08/27/22 09:32*	*08/30/22 19:53*	*1*
Nitrobenzene-d5 (Surr)	*82*		*46 - 120*	*08/27/22 09:32*	*08/30/22 19:53*	*1*
p-Terphenyl-d14 (Surr)	*53*	*S1-*	*60 - 148*	*08/27/22 09:32*	*08/30/22 19:53*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**220**		52	7.6	ug/L		08/27/22 09:32	08/31/22 15:19	10
2-Methylnaphthalene	ND		52	6.3	ug/L		08/27/22 09:32	08/31/22 15:19	10
Acenaphthene	**110**		52	4.3	ug/L		08/27/22 09:32	08/31/22 15:19	10
Acenaphthylene	**8.7**	**J**	52	4.0	ug/L		08/27/22 09:32	08/31/22 15:19	10
Anthracene	**15**	**J**	52	2.9	ug/L		08/27/22 09:32	08/31/22 15:19	10
Benzo[a]anthracene	ND		52	3.8	ug/L		08/27/22 09:32	08/31/22 15:19	10
Benzo[a]pyrene	ND		52	4.9	ug/L		08/27/22 09:32	08/31/22 15:19	10
Benzo[b]fluoranthene	ND		52	3.5	ug/L		08/27/22 09:32	08/31/22 15:19	10
Benzo[g,h,i]perylene	ND		52	3.6	ug/L		08/27/22 09:32	08/31/22 15:19	10
Benzo[k]fluoranthene	ND		52	7.6	ug/L		08/27/22 09:32	08/31/22 15:19	10
Chrysene	ND		52	3.4	ug/L		08/27/22 09:32	08/31/22 15:19	10
Dibenz(a,h)anthracene	ND		52	4.4	ug/L		08/27/22 09:32	08/31/22 15:19	10
Fluoranthene	**5.8**	**J**	52	4.2	ug/L		08/27/22 09:32	08/31/22 15:19	10
Fluorene	**50**	**J**	52	3.8	ug/L		08/27/22 09:32	08/31/22 15:19	10
Indeno[1,2,3-cd]pyrene	ND		52	4.9	ug/L		08/27/22 09:32	08/31/22 15:19	10
Naphthalene	**190**		52	7.9	ug/L		08/27/22 09:32	08/31/22 15:19	10
Phenanthrene	**67**		52	4.6	ug/L		08/27/22 09:32	08/31/22 15:19	10
Pyrene	**7.0**	**J**	52	3.5	ug/L		08/27/22 09:32	08/31/22 15:19	10

Client Sample ID: DUP-02-20220824

Lab Sample ID: 480-201062-17

Date Collected: 08/24/22 00:00

Matrix: Water

Date Received: 08/26/22 12:05

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	92		48 - 120	08/27/22 09:32	08/31/22 15:19	10
Nitrobenzene-d5 (Surr)	72		46 - 120	08/27/22 09:32	08/31/22 15:19	10
p-Terphenyl-d14 (Surr)	50	S1-	60 - 148	08/27/22 09:32	08/31/22 15:19	10

Client Sample ID: PZ-17

Lab Sample ID: 480-201062-18

Date Collected: 08/24/22 14:20

Matrix: Water

Date Received: 08/26/22 12:05

Method: 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			08/29/22 18:52	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/29/22 18:52	1
Toluene	ND		1.0	0.51	ug/L			08/29/22 18:52	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/29/22 18:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		08/29/22 18:52	1
4-Bromofluorobenzene (Surr)	101		73 - 120		08/29/22 18:52	1
Dibromofluoromethane (Surr)	104		75 - 123		08/29/22 18:52	1
Toluene-d8 (Surr)	101		80 - 120		08/29/22 18:52	1

Method: 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		08/27/22 09:32	08/30/22 20:20	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/27/22 09:32	08/30/22 20:20	1
Acenaphthene	ND		5.0	0.41	ug/L		08/27/22 09:32	08/30/22 20:20	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/27/22 09:32	08/30/22 20:20	1
Anthracene	ND		5.0	0.28	ug/L		08/27/22 09:32	08/30/22 20:20	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/27/22 09:32	08/30/22 20:20	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/27/22 09:32	08/30/22 20:20	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/27/22 09:32	08/30/22 20:20	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/27/22 09:32	08/30/22 20:20	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/27/22 09:32	08/30/22 20:20	1
Chrysene	ND		5.0	0.33	ug/L		08/27/22 09:32	08/30/22 20:20	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/27/22 09:32	08/30/22 20:20	1
Fluoranthene	ND		5.0	0.40	ug/L		08/27/22 09:32	08/30/22 20:20	1
Fluorene	ND		5.0	0.36	ug/L		08/27/22 09:32	08/30/22 20:20	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/27/22 09:32	08/30/22 20:20	1
Naphthalene	ND		5.0	0.76	ug/L		08/27/22 09:32	08/30/22 20:20	1
Phenanthrene	ND		5.0	0.44	ug/L		08/27/22 09:32	08/30/22 20:20	1
Pyrene	ND		5.0	0.34	ug/L		08/27/22 09:32	08/30/22 20:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	101		48 - 120	08/27/22 09:32	08/30/22 20:20	1
Nitrobenzene-d5 (Surr)	85		46 - 120	08/27/22 09:32	08/30/22 20:20	1
p-Terphenyl-d14 (Surr)	64		60 - 148	08/27/22 09:32	08/30/22 20:20	1

Client Sample ID: MW-04S

Date Collected: 08/24/22 11:40
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-19
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**38**		2.0	0.82	ug/L			08/27/22 00:23	2
Ethylbenzene	**130**		2.0	1.5	ug/L			08/27/22 00:23	2
Toluene	**5.4**		2.0	1.0	ug/L			08/27/22 00:23	2
Xylenes, Total	**54**		4.0	1.3	ug/L			08/27/22 00:23	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*		*08/27/22 00:23*	*2*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*08/27/22 00:23*	*2*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*08/27/22 00:23*	*2*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/27/22 00:23*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**280**		52	7.6	ug/L		08/27/22 09:40	08/30/22 16:42	10
2-Methylnaphthalene	**36**	**J**	52	6.3	ug/L		08/27/22 09:40	08/30/22 16:42	10
Acenaphthene	**190**		52	4.3	ug/L		08/27/22 09:40	08/30/22 16:42	10
Acenaphthylene	**7.4**	**J**	52	4.0	ug/L		08/27/22 09:40	08/30/22 16:42	10
Anthracene	**11**	**J**	52	2.9	ug/L		08/27/22 09:40	08/30/22 16:42	10
Benzo[a]anthracene	ND		52	3.8	ug/L		08/27/22 09:40	08/30/22 16:42	10
Benzo[a]pyrene	ND		52	4.9	ug/L		08/27/22 09:40	08/30/22 16:42	10
Benzo[b]fluoranthene	ND		52	3.5	ug/L		08/27/22 09:40	08/30/22 16:42	10
Benzo[g,h,i]perylene	ND		52	3.6	ug/L		08/27/22 09:40	08/30/22 16:42	10
Benzo[k]fluoranthene	ND		52	7.6	ug/L		08/27/22 09:40	08/30/22 16:42	10
Chrysene	ND		52	3.4	ug/L		08/27/22 09:40	08/30/22 16:42	10
Dibenz(a,h)anthracene	ND		52	4.4	ug/L		08/27/22 09:40	08/30/22 16:42	10
Fluoranthene	ND		52	4.2	ug/L		08/27/22 09:40	08/30/22 16:42	10
Fluorene	**62**		52	3.8	ug/L		08/27/22 09:40	08/30/22 16:42	10
Indeno[1,2,3-cd]pyrene	ND		52	4.9	ug/L		08/27/22 09:40	08/30/22 16:42	10
Naphthalene	**340**		52	7.9	ug/L		08/27/22 09:40	08/30/22 16:42	10
Phenanthrene	**73**		52	4.6	ug/L		08/27/22 09:40	08/30/22 16:42	10
Pyrene	**5.0**	**J**	52	3.5	ug/L		08/27/22 09:40	08/30/22 16:42	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*86*		*48 - 120*	*08/27/22 09:40*	*08/30/22 16:42*	*10*
Nitrobenzene-d5 (Surr)	*74*		*46 - 120*	*08/27/22 09:40*	*08/30/22 16:42*	*10*
p-Terphenyl-d14 (Surr)	*73*		*60 - 148*	*08/27/22 09:40*	*08/30/22 16:42*	*10*

Client Sample ID: PZ-19

Date Collected: 08/24/22 12:50
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-20
Matrix: Water

Method: 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			08/27/22 00:46	10
Ethylbenzene	ND		10	7.4	ug/L			08/27/22 00:46	10
Toluene	ND		10	5.1	ug/L			08/27/22 00:46	10
Xylenes, Total	ND		20	6.6	ug/L			08/27/22 00:46	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*77 - 120*		*08/27/22 00:46*	*10*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*08/27/22 00:46*	*10*

Client Sample ID: PZ-19

Date Collected: 08/24/22 12:50
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-20

Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*08/27/22 00:46*	*10*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/27/22 00:46*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		5.7	0.83	ug/L		08/27/22 09:40	08/30/22 17:09	1
2-Methylnaphthalene	ND		5.7	0.68	ug/L		08/27/22 09:40	08/30/22 17:09	1
Acenaphthene	ND		5.7	0.47	ug/L		08/27/22 09:40	08/30/22 17:09	1
Acenaphthylene	ND		5.7	0.43	ug/L		08/27/22 09:40	08/30/22 17:09	1
Anthracene	ND		5.7	0.32	ug/L		08/27/22 09:40	08/30/22 17:09	1
Benzo[a]anthracene	ND		5.7	0.41	ug/L		08/27/22 09:40	08/30/22 17:09	1
Benzo[a]pyrene	ND		5.7	0.53	ug/L		08/27/22 09:40	08/30/22 17:09	1
Benzo[b]fluoranthene	ND		5.7	0.39	ug/L		08/27/22 09:40	08/30/22 17:09	1
Benzo[g,h,i]perylene	ND		5.7	0.40	ug/L		08/27/22 09:40	08/30/22 17:09	1
Benzo[k]fluoranthene	ND		5.7	0.83	ug/L		08/27/22 09:40	08/30/22 17:09	1
Chrysene	ND		5.7	0.38	ug/L		08/27/22 09:40	08/30/22 17:09	1
Dibenz(a,h)anthracene	ND		5.7	0.48	ug/L		08/27/22 09:40	08/30/22 17:09	1
Fluoranthene	ND		5.7	0.45	ug/L		08/27/22 09:40	08/30/22 17:09	1
Fluorene	ND		5.7	0.41	ug/L		08/27/22 09:40	08/30/22 17:09	1
Indeno[1,2,3-cd]pyrene	ND		5.7	0.53	ug/L		08/27/22 09:40	08/30/22 17:09	1
Naphthalene	ND		5.7	0.86	ug/L		08/27/22 09:40	08/30/22 17:09	1
Phenanthrene	ND		5.7	0.50	ug/L		08/27/22 09:40	08/30/22 17:09	1
Pyrene	ND		5.7	0.39	ug/L		08/27/22 09:40	08/30/22 17:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*100*		*48 - 120*	*08/27/22 09:40*	*08/30/22 17:09*	*1*
Nitrobenzene-d5 (Surr)	*84*		*46 - 120*	*08/27/22 09:40*	*08/30/22 17:09*	*1*
p-Terphenyl-d14 (Surr)	*86*		*60 - 148*	*08/27/22 09:40*	*08/30/22 17:09*	*1*

Client Sample ID: PZ-36

Date Collected: 08/24/22 14:05
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-21

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**3.8**		1.0	0.41	ug/L			08/27/22 01:09	1
Ethylbenzene	**1.3**		1.0	0.74	ug/L			08/27/22 01:09	1
Toluene	ND		1.0	0.51	ug/L			08/27/22 01:09	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/27/22 01:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*		*08/27/22 01:09*	*1*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*08/27/22 01:09*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*08/27/22 01:09*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/27/22 01:09*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**7.2**		5.2	0.76	ug/L		08/27/22 09:40	08/30/22 17:37	1
2-Methylnaphthalene	ND		5.2	0.63	ug/L		08/27/22 09:40	08/30/22 17:37	1

Client Sample ID: PZ-36

Date Collected: 08/24/22 14:05
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-21
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**25**		5.2	0.43	ug/L		08/27/22 09:40	08/30/22 17:37	1
Acenaphthylene	**9.0**		5.2	0.40	ug/L		08/27/22 09:40	08/30/22 17:37	1
Anthracene	**0.64**	**J**	5.2	0.29	ug/L		08/27/22 09:40	08/30/22 17:37	1
Benzo[a]anthracene	ND		5.2	0.38	ug/L		08/27/22 09:40	08/30/22 17:37	1
Benzo[a]pyrene	ND		5.2	0.49	ug/L		08/27/22 09:40	08/30/22 17:37	1
Benzo[b]fluoranthene	ND		5.2	0.35	ug/L		08/27/22 09:40	08/30/22 17:37	1
Benzo[g,h,i]perylene	ND		5.2	0.36	ug/L		08/27/22 09:40	08/30/22 17:37	1
Benzo[k]fluoranthene	ND		5.2	0.76	ug/L		08/27/22 09:40	08/30/22 17:37	1
Chrysene	ND		5.2	0.34	ug/L		08/27/22 09:40	08/30/22 17:37	1
Dibenz(a,h)anthracene	ND		5.2	0.44	ug/L		08/27/22 09:40	08/30/22 17:37	1
Fluoranthene	**3.3**	**J**	5.2	0.42	ug/L		08/27/22 09:40	08/30/22 17:37	1
Fluorene	**2.3**	**J**	5.2	0.38	ug/L		08/27/22 09:40	08/30/22 17:37	1
Indeno[1,2,3-cd]pyrene	ND		5.2	0.49	ug/L		08/27/22 09:40	08/30/22 17:37	1
Naphthalene	ND		5.2	0.79	ug/L		08/27/22 09:40	08/30/22 17:37	1
Phenanthrene	**1.1**	**J**	5.2	0.46	ug/L		08/27/22 09:40	08/30/22 17:37	1
Pyrene	**4.1**	**J**	5.2	0.35	ug/L		08/27/22 09:40	08/30/22 17:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*102*		*48 - 120*	*08/27/22 09:40*	*08/30/22 17:37*	*1*
Nitrobenzene-d5 (Surr)	*88*		*46 - 120*	*08/27/22 09:40*	*08/30/22 17:37*	*1*
p-Terphenyl-d14 (Surr)	*78*		*60 - 148*	*08/27/22 09:40*	*08/30/22 17:37*	*1*

Client Sample ID: PZ-32

Date Collected: 08/24/22 15:20
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-22
Matrix: Water

Method: 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			08/27/22 01:32	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/27/22 01:32	1
Toluene	ND		1.0	0.51	ug/L			08/27/22 01:32	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/27/22 01:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*		*08/27/22 01:32*	*1*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*08/27/22 01:32*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 123*		*08/27/22 01:32*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*08/27/22 01:32*	*1*

Method: 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		08/27/22 09:40	08/30/22 18:04	1
2-Methylnaphthalene	ND		5.2	0.63	ug/L		08/27/22 09:40	08/30/22 18:04	1
Acenaphthene	ND		5.2	0.43	ug/L		08/27/22 09:40	08/30/22 18:04	1
Acenaphthylene	ND		5.2	0.40	ug/L		08/27/22 09:40	08/30/22 18:04	1
Anthracene	ND		5.2	0.29	ug/L		08/27/22 09:40	08/30/22 18:04	1
Benzo[a]anthracene	ND		5.2	0.38	ug/L		08/27/22 09:40	08/30/22 18:04	1
Benzo[a]pyrene	ND		5.2	0.49	ug/L		08/27/22 09:40	08/30/22 18:04	1
Benzo[b]fluoranthene	ND		5.2	0.35	ug/L		08/27/22 09:40	08/30/22 18:04	1
Benzo[g,h,i]perylene	ND		5.2	0.36	ug/L		08/27/22 09:40	08/30/22 18:04	1
Benzo[k]fluoranthene	ND		5.2	0.76	ug/L		08/27/22 09:40	08/30/22 18:04	1

Client Sample ID: PZ-32

Date Collected: 08/24/22 15:20
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-22
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.2	0.34	ug/L		08/27/22 09:40	08/30/22 18:04	1
Dibenz(a,h)anthracene	ND		5.2	0.44	ug/L		08/27/22 09:40	08/30/22 18:04	1
Fluoranthene	ND		5.2	0.42	ug/L		08/27/22 09:40	08/30/22 18:04	1
Fluorene	ND		5.2	0.38	ug/L		08/27/22 09:40	08/30/22 18:04	1
Indeno[1,2,3-cd]pyrene	ND		5.2	0.49	ug/L		08/27/22 09:40	08/30/22 18:04	1
Naphthalene	ND		5.2	0.79	ug/L		08/27/22 09:40	08/30/22 18:04	1
Phenanthrene	ND		5.2	0.46	ug/L		08/27/22 09:40	08/30/22 18:04	1
Pyrene	ND		5.2	0.35	ug/L		08/27/22 09:40	08/30/22 18:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*102*		*48 - 120*	*08/27/22 09:40*	*08/30/22 18:04*	*1*
Nitrobenzene-d5 (Surr)	*85*		*46 - 120*	*08/27/22 09:40*	*08/30/22 18:04*	*1*
p-Terphenyl-d14 (Surr)	*84*		*60 - 148*	*08/27/22 09:40*	*08/30/22 18:04*	*1*

Client Sample ID: MW-1806

Date Collected: 08/26/22 09:00
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-23
Matrix: Water

Method: 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			08/29/22 19:15	10
Ethylbenzene	**21**		10	7.4	ug/L			08/29/22 19:15	10
Toluene	ND		10	5.1	ug/L			08/29/22 19:15	10
Xylenes, Total	**26**		20	6.6	ug/L			08/29/22 19:15	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*		*08/29/22 19:15*	*10*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*08/29/22 19:15*	*10*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*08/29/22 19:15*	*10*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/29/22 19:15*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		50	7.3	ug/L		08/27/22 09:40	08/30/22 18:31	10
2-Methylnaphthalene	ND		50	6.0	ug/L		08/27/22 09:40	08/30/22 18:31	10
Acenaphthene	**26**	**J**	50	4.1	ug/L		08/27/22 09:40	08/30/22 18:31	10
Acenaphthylene	ND		50	3.8	ug/L		08/27/22 09:40	08/30/22 18:31	10
Anthracene	ND		50	2.8	ug/L		08/27/22 09:40	08/30/22 18:31	10
Benzo[a]anthracene	**7.5**	**J**	50	3.6	ug/L		08/27/22 09:40	08/30/22 18:31	10
Benzo[a]pyrene	**6.1**	**J**	50	4.7	ug/L		08/27/22 09:40	08/30/22 18:31	10
Benzo[b]fluoranthene	**4.6**	**J**	50	3.4	ug/L		08/27/22 09:40	08/30/22 18:31	10
Benzo[g,h,i]perylene	ND		50	3.5	ug/L		08/27/22 09:40	08/30/22 18:31	10
Benzo[k]fluoranthene	ND		50	7.3	ug/L		08/27/22 09:40	08/30/22 18:31	10
Chrysene	**5.1**	**J**	50	3.3	ug/L		08/27/22 09:40	08/30/22 18:31	10
Dibenz(a,h)anthracene	ND		50	4.2	ug/L		08/27/22 09:40	08/30/22 18:31	10
Fluoranthene	**15**	**J**	50	4.0	ug/L		08/27/22 09:40	08/30/22 18:31	10
Fluorene	ND		50	3.6	ug/L		08/27/22 09:40	08/30/22 18:31	10
Indeno[1,2,3-cd]pyrene	ND		50	4.7	ug/L		08/27/22 09:40	08/30/22 18:31	10
Naphthalene	ND		50	7.6	ug/L		08/27/22 09:40	08/30/22 18:31	10
Phenanthrene	ND		50	4.4	ug/L		08/27/22 09:40	08/30/22 18:31	10
Pyrene	**16**	**J**	50	3.4	ug/L		08/27/22 09:40	08/30/22 18:31	10

Client Sample ID: MW-1806

Lab Sample ID: 480-201062-23

Date Collected: 08/26/22 09:00

Matrix: Water

Date Received: 08/26/22 12:05

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*84*		*48 - 120*	*08/27/22 09:40*	*08/30/22 18:31*	*10*
Nitrobenzene-d5 (Surr)	*78*		*46 - 120*	*08/27/22 09:40*	*08/30/22 18:31*	*10*
p-Terphenyl-d14 (Surr)	*40*	*S1-*	*60 - 148*	*08/27/22 09:40*	*08/30/22 18:31*	*10*

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-201062-24

Date Collected: 08/24/22 00:00

Matrix: Water

Date Received: 08/26/22 12:05

Method: 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			08/29/22 20:20	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/29/22 20:20	1
Toluene	ND		1.0	0.51	ug/L			08/29/22 20:20	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/29/22 20:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*77 - 120*		*08/29/22 20:20*	*1*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*08/29/22 20:20*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 123*		*08/29/22 20:20*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*08/29/22 20:20*	*1*

Surrogate Summary

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

Job ID: 480-201062-1

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)
480-201062-1	MW-1805	101	106	99	102
480-201062-2	PZ-31	96	103	99	99
480-201062-3	MW-1807	103	107	104	101
480-201062-4	MW-1809	97	100	102	104
480-201062-5	PZ-13	94	106	103	100
480-201062-6	PZ-29	101	101	102	100
480-201062-7	MW-1810	99	107	105	103
480-201062-8	PZ-24	98	108	98	102
480-201062-9	PZ-18	102	106	101	101
480-201062-10	PZ-14	97	101	101	97
480-201062-11	MW-1802	101	106	103	101
480-201062-12	MW-1803	98	105	100	101
480-201062-13	MW-1804	96	100	99	100
480-201062-14	MW-1808	99	105	101	101
480-201062-14 MS	MW-1808	101	105	102	102
480-201062-14 MSD	MW-1808	100	106	104	102
480-201062-15	DUP-01-20220824	98	106	98	102
480-201062-16	MW-1801	102	104	99	100
480-201062-16 MS	MW-1801	105	90	103	98
480-201062-16 MSD	MW-1801	107	91	102	96
480-201062-17	DUP-02-20220824	105	104	101	99
480-201062-18	PZ-17	101	101	104	101
480-201062-19	MW-04S	106	103	101	102
480-201062-20	PZ-19	92	103	97	99
480-201062-21	PZ-36	96	105	97	100
480-201062-22	PZ-32	97	105	99	103
480-201062-23	MW-1806	96	104	98	102
480-201062-24	TRIP BLANK	112	93	105	95
LCS 480-639301/6	Lab Control Sample	100	107	105	105
LCS 480-639469/6	Lab Control Sample	107	90	101	93
LCS 480-639532/6	Lab Control Sample	99	107	99	104
LCSD 480-639469/7	Lab Control Sample Dup	105	98	100	97
MB 480-639301/8	Method Blank	99	104	98	102
MB 480-639469/9	Method Blank	106	97	102	97
MB 480-639532/8	Method Blank	93	103	98	99

Surrogate Legend

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

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPHd14
Lab Sample ID	Client Sample ID	(48-120)	(46-120)	(60-148)
480-201062-1	MW-1805	93	82	51 S1-
480-201062-2	PZ-31	99	88	59 S1-

Surrogate Summary

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

Job ID: 480-201062-1

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

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)
480-201062-3	MW-1807	96	81	56 S1-
480-201062-4	MW-1809	111	94	75
480-201062-5	PZ-13	110	94	58 S1-
480-201062-6	PZ-29	104	88	62
480-201062-7	MW-1810	107	92	66
480-201062-8	PZ-24	100	86	68
480-201062-9	PZ-18	99	87	72
480-201062-10	PZ-14	94	81	70
480-201062-11	MW-1802	91	71	45 S1-
480-201062-12	MW-1803	99	72	39 S1-
480-201062-13	MW-1804	86	73	64
480-201062-14	MW-1808	95	78	57 S1-
480-201062-14 MS	MW-1808	96	84	45 S1-
480-201062-14 MSD	MW-1808	90	79	41 S1-
480-201062-15	DUP-01-20220824	85	76	60
480-201062-15 - DL	DUP-01-20220824	87	71	59 S1-
480-201062-16	MW-1801	91	78	70
480-201062-16 MS	MW-1801	85	71	62
480-201062-16 MSD	MW-1801	95	82	58 S1-
480-201062-17	DUP-02-20220824	91	82	53 S1-
480-201062-17 - DL	DUP-02-20220824	92	72	50 S1-
480-201062-18	PZ-17	101	85	64
480-201062-19	MW-04S	86	74	73
480-201062-20	PZ-19	100	84	86
480-201062-21	PZ-36	102	88	78
480-201062-22	PZ-32	102	85	84
480-201062-23	MW-1806	84	78	40 S1-
LCS 480-639363/2-A	Lab Control Sample	99	87	89
LCS 480-639364/2-A	Lab Control Sample	104	87	92
MB 480-639363/1-A	Method Blank	97	87	86
MB 480-639364/1-A	Method Blank	100	85	93

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 480-639301/8
Matrix: Water
Analysis Batch: 639301

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			08/26/22 16:46	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/26/22 16:46	1
Toluene	ND		1.0	0.51	ug/L			08/26/22 16:46	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/26/22 16:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*08/26/22 16:46*	*1*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*08/26/22 16:46*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*08/26/22 16:46*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/26/22 16:46*	*1*

Lab Sample ID: LCS 480-639301/6
Matrix: Water
Analysis Batch: 639301

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	23.5		ug/L		94	71 - 124
Ethylbenzene	25.0	23.6		ug/L		95	77 - 123
Toluene	25.0	23.2		ug/L		93	80 - 122
Xylenes, Total	50.0	48.9		ug/L		98	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*
Dibromofluoromethane (Surr)	*105*		*75 - 123*
Toluene-d8 (Surr)	*105*		*80 - 120*

Lab Sample ID: 480-201062-14 MS
Matrix: Water
Analysis Batch: 639301

Client Sample ID: MW-1808
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	21		125	137		ug/L		93	71 - 124
Ethylbenzene	24		125	144		ug/L		96	77 - 123
Toluene	ND		125	124		ug/L		99	80 - 122
Xylenes, Total	13		250	265		ug/L		101	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*
Dibromofluoromethane (Surr)	*102*		*75 - 123*
Toluene-d8 (Surr)	*102*		*80 - 120*

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

Lab Sample ID: 480-201062-14 MSD
Matrix: Water
Analysis Batch: 639301

Client Sample ID: MW-1808
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	21		125	135		ug/L		92	71 - 124	1	13
Ethylbenzene	24		125	141		ug/L		93	77 - 123	3	15
Toluene	ND		125	120		ug/L		96	80 - 122	3	15
Xylenes, Total	13		250	263		ug/L		100	76 - 122	1	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*
Dibromofluoromethane (Surr)	*104*		*75 - 123*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: MB 480-639469/9
Matrix: Water
Analysis Batch: 639469

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			08/29/22 13:26	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/29/22 13:26	1
Toluene	ND		1.0	0.51	ug/L			08/29/22 13:26	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/29/22 13:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*		*08/29/22 13:26*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*08/29/22 13:26*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*08/29/22 13:26*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*08/29/22 13:26*	*1*

Lab Sample ID: LCS 480-639469/6
Matrix: Water
Analysis Batch: 639469

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	24.8		ug/L		99	71 - 124
Ethylbenzene	25.0	24.4		ug/L		97	77 - 123
Toluene	25.0	23.8		ug/L		95	80 - 122
Xylenes, Total	50.0	46.8		ug/L		94	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*
4-Bromofluorobenzene (Surr)	*90*		*73 - 120*
Dibromofluoromethane (Surr)	*101*		*75 - 123*
Toluene-d8 (Surr)	*93*		*80 - 120*

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

Lab Sample ID: LCSD 480-639469/7
Matrix: Water
Analysis Batch: 639469

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			25.0	25.2		ug/L		101	71 - 124	2	13
Ethylbenzene			25.0	25.5		ug/L		102	77 - 123	4	15
Toluene			25.0	25.1		ug/L		100	80 - 122	5	15
Xylenes, Total			50.0	49.7		ug/L		99	76 - 122	6	16

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*
Dibromofluoromethane (Surr)	*100*		*75 - 123*
Toluene-d8 (Surr)	*97*		*80 - 120*

Lab Sample ID: 480-201062-16 MS
Matrix: Water
Analysis Batch: 639469

Client Sample ID: MW-1801
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	40		125	176		ug/L		109	71 - 124
Ethylbenzene	190		125	335		ug/L		115	77 - 123
Toluene	5.2		125	140		ug/L		108	80 - 122
Xylenes, Total	69		250	341		ug/L		109	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*
4-Bromofluorobenzene (Surr)	*90*		*73 - 120*
Dibromofluoromethane (Surr)	*103*		*75 - 123*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: 480-201062-16 MSD
Matrix: Water
Analysis Batch: 639469

Client Sample ID: MW-1801
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	40		125	168		ug/L		103	71 - 124	5	13
Ethylbenzene	190		125	311		ug/L		95	77 - 123	7	15
Toluene	5.2		125	131		ug/L		101	80 - 122	6	15
Xylenes, Total	69		250	321		ug/L		101	76 - 122	6	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*
4-Bromofluorobenzene (Surr)	*91*		*73 - 120*
Dibromofluoromethane (Surr)	*102*		*75 - 123*
Toluene-d8 (Surr)	*96*		*80 - 120*

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

Lab Sample ID: MB 480-639532/8
Matrix: Water
Analysis Batch: 639532

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			08/29/22 17:08	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/29/22 17:08	1
Toluene	ND		1.0	0.51	ug/L			08/29/22 17:08	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/29/22 17:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*77 - 120*		*08/29/22 17:08*	*1*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*08/29/22 17:08*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*08/29/22 17:08*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/29/22 17:08*	*1*

Lab Sample ID: LCS 480-639532/6
Matrix: Water
Analysis Batch: 639532

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	22.9		ug/L		92	71 - 124
Ethylbenzene	25.0	23.9		ug/L		95	77 - 123
Toluene	25.0	23.2		ug/L		93	80 - 122
Xylenes, Total	50.0	49.1		ug/L		98	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*
Dibromofluoromethane (Surr)	*99*		*75 - 123*
Toluene-d8 (Surr)	*104*		*80 - 120*

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

Lab Sample ID: MB 480-639363/1-A
Matrix: Water
Analysis Batch: 639608

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 639363

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		5.0	0.73	ug/L		08/27/22 09:32	08/30/22 11:14	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/27/22 09:32	08/30/22 11:14	1
Acenaphthene	ND		5.0	0.41	ug/L		08/27/22 09:32	08/30/22 11:14	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/27/22 09:32	08/30/22 11:14	1
Anthracene	ND		5.0	0.28	ug/L		08/27/22 09:32	08/30/22 11:14	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/27/22 09:32	08/30/22 11:14	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/27/22 09:32	08/30/22 11:14	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/27/22 09:32	08/30/22 11:14	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/27/22 09:32	08/30/22 11:14	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/27/22 09:32	08/30/22 11:14	1
Chrysene	ND		5.0	0.33	ug/L		08/27/22 09:32	08/30/22 11:14	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/27/22 09:32	08/30/22 11:14	1
Fluoranthene	ND		5.0	0.40	ug/L		08/27/22 09:32	08/30/22 11:14	1
Fluorene	ND		5.0	0.36	ug/L		08/27/22 09:32	08/30/22 11:14	1

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

Lab Sample ID: MB 480-639363/1-A
Matrix: Water
Analysis Batch: 639608

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 639363

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		08/27/22 09:32	08/30/22 11:14	1
Naphthalene	ND		5.0	0.76	ug/L		08/27/22 09:32	08/30/22 11:14	1
Phenanthrene	ND		5.0	0.44	ug/L		08/27/22 09:32	08/30/22 11:14	1
Pyrene	ND		5.0	0.34	ug/L		08/27/22 09:32	08/30/22 11:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*97*		*48 - 120*	*08/27/22 09:32*	*08/30/22 11:14*	*1*
Nitrobenzene-d5 (Surr)	*87*		*46 - 120*	*08/27/22 09:32*	*08/30/22 11:14*	*1*
p-Terphenyl-d14 (Surr)	*86*		*60 - 148*	*08/27/22 09:32*	*08/30/22 11:14*	*1*

Lab Sample ID: LCS 480-639363/2-A
Matrix: Water
Analysis Batch: 639608

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 639363

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	32.0	31.4		ug/L		98	60 - 120
2-Methylnaphthalene	32.0	28.8		ug/L		90	59 - 120
Acenaphthene	32.0	31.6		ug/L		99	60 - 120
Acenaphthylene	32.0	33.0		ug/L		103	63 - 120
Anthracene	32.0	34.4		ug/L		108	67 - 120
Benzo[a]anthracene	32.0	30.6		ug/L		96	70 - 121
Benzo[a]pyrene	32.0	31.3		ug/L		98	60 - 123
Benzo[b]fluoranthene	32.0	31.2		ug/L		97	66 - 126
Benzo[g,h,i]perylene	32.0	29.2		ug/L		91	66 - 150
Benzo[k]fluoranthene	32.0	30.4		ug/L		95	65 - 124
Chrysene	32.0	30.6		ug/L		96	69 - 120
Dibenz(a,h)anthracene	32.0	30.8		ug/L		96	65 - 135
Fluoranthene	32.0	35.2		ug/L		110	69 - 126
Fluorene	32.0	34.1		ug/L		106	66 - 120
Indeno[1,2,3-cd]pyrene	32.0	30.7		ug/L		96	69 - 146
Naphthalene	32.0	30.6		ug/L		96	57 - 120
Phenanthrene	32.0	31.9		ug/L		100	68 - 120
Pyrene	32.0	32.6		ug/L		102	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*99*		*48 - 120*
Nitrobenzene-d5 (Surr)	*87*		*46 - 120*
p-Terphenyl-d14 (Surr)	*89*		*60 - 148*

Lab Sample ID: 480-201062-14 MS
Matrix: Water
Analysis Batch: 639608

Client Sample ID: MW-1808
Prep Type: Total/NA
Prep Batch: 639363

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	130		32.0	164	4	ug/L		102	42 - 127
2-Methylnaphthalene	ND		32.0	26.5		ug/L		83	34 - 140
Acenaphthene	60		32.0	92.0		ug/L		101	48 - 120
Acenaphthylene	7.5	J	32.0	39.4		ug/L		100	63 - 120

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

Lab Sample ID: 480-201062-14 MS
Matrix: Water
Analysis Batch: 639608

Client Sample ID: MW-1808
Prep Type: Total/NA
Prep Batch: 639363

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Anthracene	3.5	J	32.0	34.9		ug/L		98	65 - 122
Benzo[a]anthracene	ND		32.0	16.0	J	ug/L		50	43 - 124
Benzo[a]pyrene	ND		32.0	12.7	J	ug/L		40	23 - 125
Benzo[b]fluoranthene	ND		32.0	12.8	J	ug/L		40	27 - 127
Benzo[g,h,i]perylene	ND		32.0	10.5	J	ug/L		33	16 - 147
Benzo[k]fluoranthene	ND		32.0	13.6	J	ug/L		42	20 - 124
Chrysene	ND		32.0	16.1	J	ug/L		50	44 - 122
Dibenz(a,h)anthracene	ND		32.0	11.4	J	ug/L		36	16 - 139
Fluoranthene	ND		32.0	28.8		ug/L		90	63 - 129
Fluorene	21	J	32.0	57.6		ug/L		114	62 - 120
Indeno[1,2,3-cd]pyrene	ND		32.0	10.8	J	ug/L		34	16 - 140
Naphthalene	14	J	32.0	32.5		ug/L		57	45 - 120
Phenanthrene	28		32.0	57.5		ug/L		93	65 - 122
Pyrene	2.2	J	32.0	26.3		ug/L		76	58 - 128

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*96*		*48 - 120*
Nitrobenzene-d5 (Surr)	*84*		*46 - 120*
p-Terphenyl-d14 (Surr)	*45*	*S1-*	*60 - 148*

Lab Sample ID: 480-201062-14 MSD
Matrix: Water
Analysis Batch: 639608

Client Sample ID: MW-1808
Prep Type: Total/NA
Prep Batch: 639363

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	130		32.0	153	4	ug/L		68	42 - 127	7	30
2-Methylnaphthalene	ND		32.0	25.5		ug/L		80	34 - 140	4	21
Acenaphthene	60		32.0	88.2		ug/L		89	48 - 120	4	24
Acenaphthylene	7.5	J	32.0	39.6		ug/L		100	63 - 120	1	18
Anthracene	3.5	J	32.0	34.4		ug/L		97	65 - 122	2	15
Benzo[a]anthracene	ND		32.0	16.2	J	ug/L		51	43 - 124	1	15
Benzo[a]pyrene	ND		32.0	13.5	J	ug/L		42	23 - 125	6	15
Benzo[b]fluoranthene	ND		32.0	13.5	J	ug/L		42	27 - 127	5	15
Benzo[g,h,i]perylene	ND		32.0	11.1	J	ug/L		35	16 - 147	6	15
Benzo[k]fluoranthene	ND		32.0	14.0	J	ug/L		44	20 - 124	3	22
Chrysene	ND		32.0	16.4	J	ug/L		51	44 - 122	2	15
Dibenz(a,h)anthracene	ND		32.0	12.1	J	ug/L		38	16 - 139	5	15
Fluoranthene	ND		32.0	28.8		ug/L		90	63 - 129	0	15
Fluorene	21	J	32.0	57.1		ug/L		112	62 - 120	1	15
Indeno[1,2,3-cd]pyrene	ND		32.0	11.6	J	ug/L		36	16 - 140	7	15
Naphthalene	14	J	32.0	36.8		ug/L		71	45 - 120	12	29
Phenanthrene	28		32.0	53.4		ug/L		80	65 - 122	7	15
Pyrene	2.2	J	32.0	26.9		ug/L		77	58 - 128	2	19

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*90*		*48 - 120*
Nitrobenzene-d5 (Surr)	*79*		*46 - 120*
p-Terphenyl-d14 (Surr)	*41*	*S1-*	*60 - 148*

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

Lab Sample ID: MB 480-639364/1-A
Matrix: Water
Analysis Batch: 639610

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 639364

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		5.0	0.73	ug/L		08/27/22 09:40	08/30/22 14:25	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/27/22 09:40	08/30/22 14:25	1
Acenaphthene	ND		5.0	0.41	ug/L		08/27/22 09:40	08/30/22 14:25	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/27/22 09:40	08/30/22 14:25	1
Anthracene	ND		5.0	0.28	ug/L		08/27/22 09:40	08/30/22 14:25	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/27/22 09:40	08/30/22 14:25	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/27/22 09:40	08/30/22 14:25	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/27/22 09:40	08/30/22 14:25	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/27/22 09:40	08/30/22 14:25	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/27/22 09:40	08/30/22 14:25	1
Chrysene	ND		5.0	0.33	ug/L		08/27/22 09:40	08/30/22 14:25	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/27/22 09:40	08/30/22 14:25	1
Fluoranthene	ND		5.0	0.40	ug/L		08/27/22 09:40	08/30/22 14:25	1
Fluorene	ND		5.0	0.36	ug/L		08/27/22 09:40	08/30/22 14:25	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/27/22 09:40	08/30/22 14:25	1
Naphthalene	ND		5.0	0.76	ug/L		08/27/22 09:40	08/30/22 14:25	1
Phenanthrene	ND		5.0	0.44	ug/L		08/27/22 09:40	08/30/22 14:25	1
Pyrene	ND		5.0	0.34	ug/L		08/27/22 09:40	08/30/22 14:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*100*		*48 - 120*	*08/27/22 09:40*	*08/30/22 14:25*	*1*
Nitrobenzene-d5 (Surr)	*85*		*46 - 120*	*08/27/22 09:40*	*08/30/22 14:25*	*1*
p-Terphenyl-d14 (Surr)	*93*		*60 - 148*	*08/27/22 09:40*	*08/30/22 14:25*	*1*

Lab Sample ID: LCS 480-639364/2-A
Matrix: Water
Analysis Batch: 639610

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 639364

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	32.0	30.0		ug/L		94	60 - 120
2-Methylnaphthalene	32.0	28.5		ug/L		89	59 - 120
Acenaphthene	32.0	31.4		ug/L		98	60 - 120
Acenaphthylene	32.0	32.7		ug/L		102	63 - 120
Anthracene	32.0	33.3		ug/L		104	67 - 120
Benzo[a]anthracene	32.0	30.6		ug/L		95	70 - 121
Benzo[a]pyrene	32.0	31.5		ug/L		98	60 - 123
Benzo[b]fluoranthene	32.0	32.3		ug/L		101	66 - 126
Benzo[g,h,i]perylene	32.0	30.9		ug/L		97	66 - 150
Benzo[k]fluoranthene	32.0	32.0		ug/L		100	65 - 124
Chrysene	32.0	30.6		ug/L		96	69 - 120
Dibenz(a,h)anthracene	32.0	32.2		ug/L		101	65 - 135
Fluoranthene	32.0	33.4		ug/L		104	69 - 126
Fluorene	32.0	33.4		ug/L		104	66 - 120
Indeno[1,2,3-cd]pyrene	32.0	31.9		ug/L		100	69 - 146
Naphthalene	32.0	29.4		ug/L		92	57 - 120
Phenanthrene	32.0	32.2		ug/L		101	68 - 120
Pyrene	32.0	34.5		ug/L		108	70 - 125

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

Lab Sample ID: LCS 480-639364/2-A
Matrix: Water
Analysis Batch: 639610

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 639364

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl	104		48 - 120
Nitrobenzene-d5 (Surr)	87		46 - 120
p-Terphenyl-d14 (Surr)	92		60 - 148

Lab Sample ID: 480-201062-16 MS
Matrix: Water
Analysis Batch: 639610

Client Sample ID: MW-1801
Prep Type: Total/NA
Prep Batch: 639364

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	210		33.3	221	4	ug/L		42	42 - 127
2-Methylnaphthalene	4.0	J	33.3	29.1		ug/L		75	34 - 140
Acenaphthene	110		33.3	131		ug/L		70	48 - 120
Acenaphthylene	7.9	J	33.3	37.9		ug/L		90	63 - 120
Anthracene	14	J	33.3	45.0		ug/L		93	65 - 122
Benzo[a]anthracene	ND		33.3	22.3	J	ug/L		67	43 - 124
Benzo[a]pyrene	ND		33.3	18.3	J	ug/L		55	23 - 125
Benzo[b]fluoranthene	ND		33.3	18.4	J	ug/L		55	27 - 127
Benzo[g,h,i]perylene	ND		33.3	15.8	J	ug/L		47	16 - 147
Benzo[k]fluoranthene	ND		33.3	19.3	J	ug/L		58	20 - 124
Chrysene	ND		33.3	23.2	J	ug/L		70	44 - 122
Dibenz(a,h)anthracene	ND		33.3	15.9	J	ug/L		48	16 - 139
Fluoranthene	5.0	J	33.3	34.0		ug/L		87	63 - 129
Fluorene	40		33.3	70.2		ug/L		92	62 - 120
Indeno[1,2,3-cd]pyrene	ND		33.3	16.4	J	ug/L		49	16 - 140
Naphthalene	170		33.3	187	4	ug/L		39	45 - 120
Phenanthrene	62		33.3	95.7		ug/L		102	65 - 122
Pyrene	6.9	J	33.3	35.4		ug/L		85	58 - 128

Surrogate	MS %Recovery	MS Qualifier	Limits
2-Fluorobiphenyl	85		48 - 120
Nitrobenzene-d5 (Surr)	71		46 - 120
p-Terphenyl-d14 (Surr)	62		60 - 148

Lab Sample ID: 480-201062-16 MSD
Matrix: Water
Analysis Batch: 639610

Client Sample ID: MW-1801
Prep Type: Total/NA
Prep Batch: 639364

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	210		36.4	256	4	ug/L		133	42 - 127	15	30
2-Methylnaphthalene	4.0	J	36.4	35.5		ug/L		87	34 - 140	20	21
Acenaphthene	110		36.4	147		ug/L		107	48 - 120	11	24
Acenaphthylene	7.9	J	36.4	44.6		ug/L		101	63 - 120	16	18
Anthracene	14	J	36.4	45.5		ug/L		87	65 - 122	1	15
Benzo[a]anthracene	ND		36.4	22.8	J	ug/L		63	43 - 124	2	15
Benzo[a]pyrene	ND		36.4	18.2	J	ug/L		50	23 - 125	1	15
Benzo[b]fluoranthene	ND		36.4	18.6	J	ug/L		51	27 - 127	1	15
Benzo[g,h,i]perylene	ND		36.4	16.1	J	ug/L		44	16 - 147	2	15
Benzo[k]fluoranthene	ND		36.4	19.7	J	ug/L		54	20 - 124	2	22

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

Lab Sample ID: 480-201062-16 MSD
Matrix: Water
Analysis Batch: 639610

Client Sample ID: MW-1801
Prep Type: Total/NA
Prep Batch: 639364

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chrysene	ND		36.4	22.7	J	ug/L		62	44 - 122	2	15
Dibenz(a,h)anthracene	ND		36.4	15.4	J	ug/L		42	16 - 139	3	15
Fluoranthene	5.0	J	36.4	35.1		ug/L		83	63 - 129	3	15
Fluorene	40		36.4	78.8		ug/L		108	62 - 120	12	15
Indeno[1,2,3-cd]pyrene	ND		36.4	16.2	J	ug/L		45	16 - 140	1	15
Naphthalene	170		36.4	220	4	ug/L		126	45 - 120	16	29
Phenanthrene	62		36.4	99.6		ug/L		104	65 - 122	4	15
Pyrene	6.9	J	36.4	37.2		ug/L		83	58 - 128	5	19

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*95*		*48 - 120*
Nitrobenzene-d5 (Surr)	*82*		*46 - 120*
p-Terphenyl-d14 (Surr)	*58*	*S1-*	*60 - 148*

GC/MS VOA

Analysis Batch: 639301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201062-1	MW-1805	Total/NA	Water	8260C	
480-201062-3	MW-1807	Total/NA	Water	8260C	
480-201062-4	MW-1809	Total/NA	Water	8260C	
480-201062-5	PZ-13	Total/NA	Water	8260C	
480-201062-6	PZ-29	Total/NA	Water	8260C	
480-201062-7	MW-1810	Total/NA	Water	8260C	
480-201062-8	PZ-24	Total/NA	Water	8260C	
480-201062-11	MW-1802	Total/NA	Water	8260C	
480-201062-12	MW-1803	Total/NA	Water	8260C	
480-201062-13	MW-1804	Total/NA	Water	8260C	
480-201062-14	MW-1808	Total/NA	Water	8260C	
480-201062-15	DUP-01-20220824	Total/NA	Water	8260C	
480-201062-16	MW-1801	Total/NA	Water	8260C	
480-201062-17	DUP-02-20220824	Total/NA	Water	8260C	
480-201062-19	MW-04S	Total/NA	Water	8260C	
480-201062-20	PZ-19	Total/NA	Water	8260C	
480-201062-21	PZ-36	Total/NA	Water	8260C	
480-201062-22	PZ-32	Total/NA	Water	8260C	
MB 480-639301/8	Method Blank	Total/NA	Water	8260C	
LCS 480-639301/6	Lab Control Sample	Total/NA	Water	8260C	
480-201062-14 MS	MW-1808	Total/NA	Water	8260C	
480-201062-14 MSD	MW-1808	Total/NA	Water	8260C	

Analysis Batch: 639469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201062-24	TRIP BLANK	Total/NA	Water	8260C	
MB 480-639469/9	Method Blank	Total/NA	Water	8260C	
LCS 480-639469/6	Lab Control Sample	Total/NA	Water	8260C	
LCSD 480-639469/7	Lab Control Sample Dup	Total/NA	Water	8260C	
480-201062-16 MS	MW-1801	Total/NA	Water	8260C	
480-201062-16 MSD	MW-1801	Total/NA	Water	8260C	

Analysis Batch: 639532

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201062-2	PZ-31	Total/NA	Water	8260C	
480-201062-9	PZ-18	Total/NA	Water	8260C	
480-201062-10	PZ-14	Total/NA	Water	8260C	
480-201062-18	PZ-17	Total/NA	Water	8260C	
480-201062-23	MW-1806	Total/NA	Water	8260C	
MB 480-639532/8	Method Blank	Total/NA	Water	8260C	
LCS 480-639532/6	Lab Control Sample	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 639363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201062-1	MW-1805	Total/NA	Water	3510C	
480-201062-2	PZ-31	Total/NA	Water	3510C	
480-201062-3	MW-1807	Total/NA	Water	3510C	
480-201062-4	MW-1809	Total/NA	Water	3510C	
480-201062-5	PZ-13	Total/NA	Water	3510C	

GC/MS Semi VOA (Continued)

Prep Batch: 639363 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201062-6	PZ-29	Total/NA	Water	3510C	
480-201062-7	MW-1810	Total/NA	Water	3510C	
480-201062-8	PZ-24	Total/NA	Water	3510C	
480-201062-9	PZ-18	Total/NA	Water	3510C	
480-201062-10	PZ-14	Total/NA	Water	3510C	
480-201062-11	MW-1802	Total/NA	Water	3510C	
480-201062-12	MW-1803	Total/NA	Water	3510C	
480-201062-13	MW-1804	Total/NA	Water	3510C	
480-201062-14	MW-1808	Total/NA	Water	3510C	
480-201062-15 - DL	DUP-01-20220824	Total/NA	Water	3510C	
480-201062-15	DUP-01-20220824	Total/NA	Water	3510C	
480-201062-17 - DL	DUP-02-20220824	Total/NA	Water	3510C	
480-201062-17	DUP-02-20220824	Total/NA	Water	3510C	
480-201062-18	PZ-17	Total/NA	Water	3510C	
MB 480-639363/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-639363/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-201062-14 MS	MW-1808	Total/NA	Water	3510C	
480-201062-14 MSD	MW-1808	Total/NA	Water	3510C	

Prep Batch: 639364

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201062-16	MW-1801	Total/NA	Water	3510C	
480-201062-19	MW-04S	Total/NA	Water	3510C	
480-201062-20	PZ-19	Total/NA	Water	3510C	
480-201062-21	PZ-36	Total/NA	Water	3510C	
480-201062-22	PZ-32	Total/NA	Water	3510C	
480-201062-23	MW-1806	Total/NA	Water	3510C	
MB 480-639364/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-639364/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-201062-16 MS	MW-1801	Total/NA	Water	3510C	
480-201062-16 MSD	MW-1801	Total/NA	Water	3510C	

Analysis Batch: 639608

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201062-1	MW-1805	Total/NA	Water	8270D	639363
480-201062-2	PZ-31	Total/NA	Water	8270D	639363
480-201062-3	MW-1807	Total/NA	Water	8270D	639363
480-201062-4	MW-1809	Total/NA	Water	8270D	639363
480-201062-5	PZ-13	Total/NA	Water	8270D	639363
480-201062-6	PZ-29	Total/NA	Water	8270D	639363
480-201062-7	MW-1810	Total/NA	Water	8270D	639363
480-201062-8	PZ-24	Total/NA	Water	8270D	639363
480-201062-9	PZ-18	Total/NA	Water	8270D	639363
480-201062-10	PZ-14	Total/NA	Water	8270D	639363
480-201062-11	MW-1802	Total/NA	Water	8270D	639363
480-201062-12	MW-1803	Total/NA	Water	8270D	639363
480-201062-13	MW-1804	Total/NA	Water	8270D	639363
480-201062-14	MW-1808	Total/NA	Water	8270D	639363
480-201062-15	DUP-01-20220824	Total/NA	Water	8270D	639363
480-201062-17	DUP-02-20220824	Total/NA	Water	8270D	639363
480-201062-18	PZ-17	Total/NA	Water	8270D	639363

GC/MS Semi VOA (Continued)

Analysis Batch: 639608 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-639363/1-A	Method Blank	Total/NA	Water	8270D	639363
LCS 480-639363/2-A	Lab Control Sample	Total/NA	Water	8270D	639363
480-201062-14 MS	MW-1808	Total/NA	Water	8270D	639363
480-201062-14 MSD	MW-1808	Total/NA	Water	8270D	639363

Analysis Batch: 639610

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201062-16	MW-1801	Total/NA	Water	8270D	639364
480-201062-19	MW-04S	Total/NA	Water	8270D	639364
480-201062-20	PZ-19	Total/NA	Water	8270D	639364
480-201062-21	PZ-36	Total/NA	Water	8270D	639364
480-201062-22	PZ-32	Total/NA	Water	8270D	639364
480-201062-23	MW-1806	Total/NA	Water	8270D	639364
MB 480-639364/1-A	Method Blank	Total/NA	Water	8270D	639364
LCS 480-639364/2-A	Lab Control Sample	Total/NA	Water	8270D	639364
480-201062-16 MS	MW-1801	Total/NA	Water	8270D	639364
480-201062-16 MSD	MW-1801	Total/NA	Water	8270D	639364

Analysis Batch: 639858

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201062-15 - DL	DUP-01-20220824	Total/NA	Water	8270D	639363
480-201062-17 - DL	DUP-02-20220824	Total/NA	Water	8270D	639363

Lab Chronicle

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

Job ID: 480-201062-1

Client Sample ID: MW-1805
Date Collected: 08/25/22 08:45
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		5	639301	ATG	EET BUF	08/26/22 17:24
Total/NA	Prep	3510C			639363	JMP	EET BUF	08/27/22 09:32
Total/NA	Analysis	8270D		5	639608	PJQ	EET BUF	08/30/22 13:31

Client Sample ID: PZ-31
Date Collected: 08/25/22 10:15
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	639532	ATG	EET BUF	08/29/22 17:42
Total/NA	Prep	3510C			639363	JMP	EET BUF	08/27/22 09:32
Total/NA	Analysis	8270D		1	639608	PJQ	EET BUF	08/30/22 13:58

Client Sample ID: MW-1807
Date Collected: 08/25/22 09:00
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	639301	ATG	EET BUF	08/26/22 18:11
Total/NA	Prep	3510C			639363	JMP	EET BUF	08/27/22 09:32
Total/NA	Analysis	8270D		10	639608	PJQ	EET BUF	08/30/22 14:25

Client Sample ID: MW-1809
Date Collected: 08/25/22 10:05
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	639301	ATG	EET BUF	08/26/22 18:34
Total/NA	Prep	3510C			639363	JMP	EET BUF	08/27/22 09:32
Total/NA	Analysis	8270D		1	639608	PJQ	EET BUF	08/30/22 14:53

Client Sample ID: PZ-13
Date Collected: 08/25/22 11:05
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	639301	ATG	EET BUF	08/26/22 18:57
Total/NA	Prep	3510C			639363	JMP	EET BUF	08/27/22 09:32
Total/NA	Analysis	8270D		1	639608	PJQ	EET BUF	08/30/22 15:20

Client Sample ID: PZ-29
Date Collected: 08/25/22 12:00
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	639301	ATG	EET BUF	08/26/22 19:20

Lab Chronicle

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

Job ID: 480-201062-1

Client Sample ID: PZ-29
Date Collected: 08/25/22 12:00
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			639363	JMP	EET BUF	08/27/22 09:32
Total/NA	Analysis	8270D		1	639608	PJQ	EET BUF	08/30/22 15:47

Client Sample ID: MW-1810
Date Collected: 08/25/22 12:40
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	639301	ATG	EET BUF	08/26/22 19:44
Total/NA	Prep	3510C			639363	JMP	EET BUF	08/27/22 09:32
Total/NA	Analysis	8270D		1	639608	PJQ	EET BUF	08/30/22 16:15

Client Sample ID: PZ-24
Date Collected: 08/25/22 14:55
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	639301	ATG	EET BUF	08/26/22 20:07
Total/NA	Prep	3510C			639363	JMP	EET BUF	08/27/22 09:32
Total/NA	Analysis	8270D		1	639608	PJQ	EET BUF	08/30/22 16:42

Client Sample ID: PZ-18
Date Collected: 08/25/22 14:00
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		4	639532	ATG	EET BUF	08/29/22 18:05
Total/NA	Prep	3510C			639363	JMP	EET BUF	08/27/22 09:32
Total/NA	Analysis	8270D		1	639608	PJQ	EET BUF	08/30/22 17:09

Client Sample ID: PZ-14
Date Collected: 08/25/22 16:05
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	639532	ATG	EET BUF	08/29/22 18:28
Total/NA	Prep	3510C			639363	JMP	EET BUF	08/27/22 09:32
Total/NA	Analysis	8270D		1	639608	PJQ	EET BUF	08/30/22 17:37

Client Sample ID: MW-1802
Date Collected: 08/26/22 08:35
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		10	639301	ATG	EET BUF	08/26/22 21:17

Lab Chronicle

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

Job ID: 480-201062-1

Client Sample ID: MW-1802
Date Collected: 08/26/22 08:35
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			639363	JMP	EET BUF	08/27/22 09:32
Total/NA	Analysis	8270D		20	639608	PJQ	EET BUF	08/30/22 18:04

Client Sample ID: MW-1803
Date Collected: 08/23/22 14:35
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		10	639301	ATG	EET BUF	08/26/22 21:40
Total/NA	Prep	3510C			639363	JMP	EET BUF	08/27/22 09:32
Total/NA	Analysis	8270D		10	639608	PJQ	EET BUF	08/30/22 18:31

Client Sample ID: MW-1804
Date Collected: 08/23/22 14:35
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	639301	ATG	EET BUF	08/26/22 22:03
Total/NA	Prep	3510C			639363	JMP	EET BUF	08/27/22 09:32
Total/NA	Analysis	8270D		1	639608	PJQ	EET BUF	08/30/22 18:58

Client Sample ID: MW-1808
Date Collected: 08/24/22 09:20
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		5	639301	ATG	EET BUF	08/26/22 22:27
Total/NA	Prep	3510C			639363	JMP	EET BUF	08/27/22 09:32
Total/NA	Analysis	8270D		5	639608	PJQ	EET BUF	08/30/22 13:03

Client Sample ID: DUP-01-20220824
Date Collected: 08/24/22 00:00
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		10	639301	ATG	EET BUF	08/26/22 22:50
Total/NA	Prep	3510C			639363	JMP	EET BUF	08/27/22 09:32
Total/NA	Analysis	8270D		1	639608	PJQ	EET BUF	08/30/22 19:26
Total/NA	Prep	3510C	DL		639363	JMP	EET BUF	08/27/22 09:32
Total/NA	Analysis	8270D	DL	5	639858	PJQ	EET BUF	08/31/22 14:52

Lab Chronicle

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

Job ID: 480-201062-1

Client Sample ID: MW-1801
Date Collected: 08/24/22 09:40
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-16
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		5	639301	ATG	EET BUF	08/26/22 23:14
Total/NA	Prep	3510C			639364	JMP	EET BUF	08/27/22 09:40
Total/NA	Analysis	8270D		5	639610	JMM	EET BUF	08/30/22 16:14

Client Sample ID: DUP-02-20220824
Date Collected: 08/24/22 00:00
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-17
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		10	639301	ATG	EET BUF	08/26/22 23:37
Total/NA	Prep	3510C			639363	JMP	EET BUF	08/27/22 09:32
Total/NA	Analysis	8270D		1	639608	PJQ	EET BUF	08/30/22 19:53
Total/NA	Prep	3510C	DL		639363	JMP	EET BUF	08/27/22 09:32
Total/NA	Analysis	8270D	DL	10	639858	PJQ	EET BUF	08/31/22 15:19

Client Sample ID: PZ-17
Date Collected: 08/24/22 14:20
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-18
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	639532	ATG	EET BUF	08/29/22 18:52
Total/NA	Prep	3510C			639363	JMP	EET BUF	08/27/22 09:32
Total/NA	Analysis	8270D		1	639608	PJQ	EET BUF	08/30/22 20:20

Client Sample ID: MW-04S
Date Collected: 08/24/22 11:40
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-19
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		2	639301	ATG	EET BUF	08/27/22 00:23
Total/NA	Prep	3510C			639364	JMP	EET BUF	08/27/22 09:40
Total/NA	Analysis	8270D		10	639610	JMM	EET BUF	08/30/22 16:42

Client Sample ID: PZ-19
Date Collected: 08/24/22 12:50
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-20
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		10	639301	ATG	EET BUF	08/27/22 00:46
Total/NA	Prep	3510C			639364	JMP	EET BUF	08/27/22 09:40
Total/NA	Analysis	8270D		1	639610	JMM	EET BUF	08/30/22 17:09

Lab Chronicle

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

Job ID: 480-201062-1

Client Sample ID: PZ-36
Date Collected: 08/24/22 14:05
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-21
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	639301	ATG	EET BUF	08/27/22 01:09
Total/NA	Prep	3510C			639364	JMP	EET BUF	08/27/22 09:40
Total/NA	Analysis	8270D		1	639610	JMM	EET BUF	08/30/22 17:37

Client Sample ID: PZ-32
Date Collected: 08/24/22 15:20
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-22
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	639301	ATG	EET BUF	08/27/22 01:32
Total/NA	Prep	3510C			639364	JMP	EET BUF	08/27/22 09:40
Total/NA	Analysis	8270D		1	639610	JMM	EET BUF	08/30/22 18:04

Client Sample ID: MW-1806
Date Collected: 08/26/22 09:00
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-23
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		10	639532	ATG	EET BUF	08/29/22 19:15
Total/NA	Prep	3510C			639364	JMP	EET BUF	08/27/22 09:40
Total/NA	Analysis	8270D		10	639610	JMM	EET BUF	08/30/22 18:31

Client Sample ID: TRIP BLANK
Date Collected: 08/24/22 00:00
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-24
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	639469	CB	EET BUF	08/29/22 20:20

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: 480-201062-1

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	03-31-23

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: 480-201062-1

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: 480-201062-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-201062-1	MW-1805	Water	08/25/22 08:45	08/26/22 12:05
480-201062-2	PZ-31	Water	08/25/22 10:15	08/26/22 12:05
480-201062-3	MW-1807	Water	08/25/22 09:00	08/26/22 12:05
480-201062-4	MW-1809	Water	08/25/22 10:05	08/26/22 12:05
480-201062-5	PZ-13	Water	08/25/22 11:05	08/26/22 12:05
480-201062-6	PZ-29	Water	08/25/22 12:00	08/26/22 12:05
480-201062-7	MW-1810	Water	08/25/22 12:40	08/26/22 12:05
480-201062-8	PZ-24	Water	08/25/22 14:55	08/26/22 12:05
480-201062-9	PZ-18	Water	08/25/22 14:00	08/26/22 12:05
480-201062-10	PZ-14	Water	08/25/22 16:05	08/26/22 12:05
480-201062-11	MW-1802	Water	08/26/22 08:35	08/26/22 12:05
480-201062-12	MW-1803	Water	08/23/22 14:35	08/26/22 12:05
480-201062-13	MW-1804	Water	08/23/22 14:35	08/26/22 12:05
480-201062-14	MW-1808	Water	08/24/22 09:20	08/26/22 12:05
480-201062-15	DUP-01-20220824	Water	08/24/22 00:00	08/26/22 12:05
480-201062-16	MW-1801	Water	08/24/22 09:40	08/26/22 12:05
480-201062-17	DUP-02-20220824	Water	08/24/22 00:00	08/26/22 12:05
480-201062-18	PZ-17	Water	08/24/22 14:20	08/26/22 12:05
480-201062-19	MW-04S	Water	08/24/22 11:40	08/26/22 12:05
480-201062-20	PZ-19	Water	08/24/22 12:50	08/26/22 12:05
480-201062-21	PZ-36	Water	08/24/22 14:05	08/26/22 12:05
480-201062-22	PZ-32	Water	08/24/22 15:20	08/26/22 12:05
480-201062-23	MW-1806	Water	08/26/22 09:00	08/26/22 12:05
480-201062-24	TRIP BLANK	Water	08/24/22 00:00	08/26/22 12:05

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: AJS, KCF	Lab PM: Schove, John R	Carrier Tracking No(s): drop-off	COC No: 480-176421-37871.1
Client Contact: Ryan Clare	Phone: 716909-9063	E-Mail: John.Schove@et.eurofinsus.com	State of Origin: NY	Page: Page 1 of 4
Company: ARCADIS U.S. Inc	PWSID:			Job #:
Address: 100 Chestnut Street Suite 1020	Due Date Requested:			
City: Rochester	TAT Requested (days):			
State, Zip: NY, 14604	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 4505120446			
Email: Ryan.Clare@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
M - Hexane
N - None
O - AsNaO2
P - Na2O4S
Q - Na2SO3
...S2O3
...O4
... Dodecahydrate
...tone
...AA
...4-5
...ma
...er (specify)

480-201062 Chain of Custody

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 ...	Special Instructions/Note:
			Preservation Code				N	A	A		
MW-1805	8/25/22	0845	G	Water	N	N	X	X		5	
PZ-31	8/25/22	1015	G	Water	N	N	X	X		5	
MW-1807	8/25/22	0900	G	Water	N	N	X	X		5	
MW-1809	8/25/22	1005	G	Water	N	N	X	X		5	
PZ-13	8/25/22	1105	G	Water	N	N	X	X		5	
PZ-29	8/25/22	1200	G	Water	N	N	X	X		5	
MW-1810	8/25/22	1240	G	Water	N	N	X	X		5	
PZ-24	8/25/22	1455	G	Water	N	N	X	X		5	
PZ-19	8/25/22	1400	G	Water	N	N	X	X		5	
PZ-14	8/25/22	1605	G	Water	N	N	X	X		5	
MW-1802	8/26/22	0935	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: Adam Svensson	Date/Time: 8/26/22 1205	Company: Arcadis	Received by: [signature]	Date/Time: 8/26/22 1205	Company: FedEx	
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: 4.2 3.1 3.3 5.2 #114

Ver: 06/08/2021

9/2/2022

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: AJS, KCF	Lab PM: Schove, John R	Carrier Tracking No(s): drop-off	COC No: 480-176421-37871.2
Client Contact: Ryan Clare	Phone: 716-909-9063	E-Mail: John.Schove@et.eurofinsus.com	State of Origin: NY	Page: Page 2 of 4
Company: ARCADIS U.S. Inc	PWSID:			Job #:
Address: 100 Chestnut Street Suite 1020	Due Date Requested:			
City: Rochester	TAT Requested (days):			
State, Zip: NY, 14604	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 4505120446			
Email: Ryan.Clare@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-1803	8/23/22	1435	G	Water	N	N	X	X		5	
MW-1804	8/23/22	1435	G	Water	N	N	X	X		5	
MW-1808 (MS/MSD)	8/24/22	0920	G	Water	N	Y	X	X		15	
Dup-01-20220824	8/24/22	—	G	Water	N	N	X	X		5	
MW-1801 (MS/MSD)	8/24/22	0940	G	Water	N	Y	X	X		15	
Dup-02-20220824	8/24/22	—	G	Water	N	N	X	X		5	
~~PZ-17~~ PZ-17	8/24/22	1420	G	Water	N	N	X	X		5	
~~MW-1801~~ MW-04S	8/24/22	1140	G	Water	N	N	X	X		5	
PZ-19	8/24/22	1250	G	Water	N	N	X	X		5	
PZ-36	8/24/22	1405	G	Water	N	N	X	X		5	
PZ-32	8/24/22	1520	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:	Company	Received by:	Date/Time:	Company
Adam Svensson	8/26/22 1205	Arcadis	See pg 1		
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:

Ver: 06/08/2021

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: AJS, KCF	Lab PM: Schove, John R	Carrier Tracking No(s): drop-off	COC No: 480-176421-37871.3
Client Contact: Ryan Clare	Phone: 716-909-9063	E-Mail: John.Schove@et.eurofinsus.com	State of Origin: NY	Page: Page 3 of 4
Company: ARCADIS U.S. Inc	PWSID:			Job #:
Address: 100 Chestnut Street Suite 1020	Due Date Requested:			
City: Rochester	TAT Requested (days):			
State, Zip: NY, 14604	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 4505120446			
Email: Ryan.Clare@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-180C-	8/26/22	0900	G	Water	N	N	X	X		5	
Trip Blank	8/4/22	—	G	Water	N	N			X	4	
				Water							
				Water							
				Water							
				Water							
				Water							
				Water							
				Water							
				Water							
				Water							
				Water							

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
Adam Svensson	8/26/22 1205	Arcadis	See pg1		
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:

Ver: 06/08/2021

9/2/2022

Login Sample Receipt Checklist

Client: New York State Electric & Gas

Job Number: 480-201062-1

Login Number: 201062
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.	False	
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 MGP Site

Data Usability Summary Report

Dansville MGP, New York

Volatile Organic Compounds (VOCs) and Semi Volatile Organic Compounds (SVOCs) Analyses

SDG #: 480-201062-1

Analyses Performed By:
Eurofins Laboratories
Amherst, New York

Report #: 47102R
Review Level: Tier III
Project: 30126788.2

Summary

This data quality assessment summarizes the review of Sample Delivery Group (SDG) # 480-201062-1 for samples collected in association with the NYSEG Dansville Site, New York. 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
MW-1805	480-201062-1	Water	8/25/2022		X	X
PZ-31	480-201062-2	Water	8/25/2022		X	X
MW-1807	480-201062-3	Water	8/25/2022		X	X
MW-1809	480-201062-4	Water	8/25/2022		X	X
PZ-13	480-201062-5	Water	8/25/2022		X	X
PZ-29	480-201062-6	Water	8/25/2022		X	X
MW-1810	480-201062-7	Water	8/25/2022		X	X
PZ-24	480-201062-8	Water	8/25/2022		X	X
PZ-18	480-201062-9	Water	8/25/2022		X	X
PZ-14	480-201062-10	Water	8/25/2022		X	X
MW-1802	480-201062-11	Water	8/26/2022		X	X
MW-1803	480-201062-12	Water	8/23/2022		X	X
MW-1804	480-201062-13	Water	8/23/2022		X	X
MW-1808	480-201062-14	Water	8/24/2022		X	X
DUP-01-20220824	480-201062-15	Water	8/24/2022	MW-1808	X	X
MW-1801	480-201062-16	Water	8/24/2022		X	X
DUP-02-20220824	480-201062-17	Water	8/24/2022	MW-1801	X	X
PZ-17	480-201062-18	Water	8/24/2022		X	X
MW-04S	480-201062-19	Water	8/24/2022		X	X
PZ-19	480-201062-20	Water	8/24/2022		X	X
PZ-36	480-201062-21	Water	8/24/2022		X	X
PZ-32	480-201062-22	Water	8/24/2022		X	X
MW-1806	480-201062-23	Water	8/26/2022		X	X
TRIP BLANK	480-201062-24	Water	8/24/2022		X	

Notes:
VOC = Volatile Organic Compounds (VOCs).
SVOC = Semi Volatile Organic Compounds (SVOCs).

Analytical Data Package Documentation

The table below evaluates the data package completeness.

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

Note:
QA = quality assurance

Organic Analysis Introduction

Analyses were performed according to United Stated Environmental Protection Agency (USEPA) SW-846 Methods 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.

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 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 as unusable. The compound may or may not be present in the sample.

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

Volatile Organic Compound (VOC) analyses

1. Holding Times

Method	Matrix	Holding Time	Preservation
SW-846 8260C	Water	14 days from collection to analysis (preserved) 7 days from collection to analysis (non-preserved)	Cool to <6 °C; preserved to a pH of less than 2 s.u.

Note:
s.u. = Standard units

2. Blank Contamination

Quality assurance (QA) blanks (i.e. laboratory method blanks, trip blanks, and equipment 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. Trip blanks measure sample storage contamination. Rinse blanks also 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.

Target compounds were not detected above the MDL in the associated blanks; therefore, detected sample results are 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 insure 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).

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 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 samples exhibited surrogate recoveries within the control limits.

6. Internal Standard Performance

Internal standard performance criteria insure that the GC/MS sensitivity and response are stable during every sample analysis. The criteria requires 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 spiked compounds used in the MS/MSD analysis must exhibit recoveries within the laboratory-established acceptance limits. The relative percent difference (RPD) between the MS and MSD results must be within the laboratory-established acceptance limits.

Note: The MS/MSD recovery control limits do not apply for MS/MSDs performed on sample locations where the compound concentration detected in the parent sample exceeds the MS/MSD spiking concentration by a factor of four or greater. Sample results associated with MS/MSD exceedances where the parent samples are not site-specific are not qualified.

The MS/MSD analysis was performed on sample MW1808 and MW-1801. MS/MSD analysis exhibited acceptable recoveries and RPDs.

8. Laboratory Control Sample/ Laboratory Control Sample Duplicate (LCS/LCSD) Analysis

The LCS/LCSD analysis are used to assess the precision and accuracy of the analytical method independent of matrix interferences. The spiked compounds used in the LCS/LCSD analysis must exhibit recoveries and RPDs within the laboratory-established acceptance limits.

All compounds associated with the LCS/LCSD analysis exhibited recoveries and RPDs within the control limits.

9. Field Duplicate Sample Analysis

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

Results for duplicate samples are summarized in the following table.

Sample ID/Duplicate ID	Compound	Sample Result (µg/L)	Duplicate Result (µg/L)	RPD
MW-1808 / DUP-01-20220824	Benzene	21	20	AC
	Ethylbenzene	24	23	AC
	Xylenes, Total	13	8.5 J	AC
MW-1801 / DUP-02-20220824	Benzene	40	42	AC
	Ethylbenzene	190	200	5.0 %
	Toluene	5.2	5.1 J	AC
	Xylenes, Total	69	72	AC

Notes:
AC = Acceptable

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

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

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	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 (%R)		X		X	
Dilution Factor (%D)		X		X	
Moisture Content	X				X
Tier III Validation					
System performance and column resolution		X		X	
Initial calibration %RSDs		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	
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

Semivolatile Organic Compound (SVOC) Analyses

1. Holding Times

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

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 criteria.

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.

Target compounds were not detected above the MDL in the associated blanks; therefore, detected sample results are 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).

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 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.

All surrogate recoveries were within control limits.

6. Internal Standard Performance

Internal standard performance criteria insure that the GC/MS sensitivity and response are stable during every sample analysis. The criteria require the internal standard compounds associated with the SVOC 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 was performed on sample MW1808 and MW-1801. MS/MSD analysis exhibited acceptable recoveries and RPDs.

8. Laboratory Control Sample/ Laboratory Control Sample Duplicate (LCS/LCSD) Analysis

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

All compounds associated with the LCS/LCSD analysis exhibited recoveries within the control limits with the exceptions noted below.

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 matrices.

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-1808 / DUP-01-20220824	1-Methylnaphthalene	130	120	AC
	Acenaphthene	60	55	AC
	Acenaphthylene	7.5 J	7.3	AC
	Anthracene	3.5 J	3.1 J	AC
	Fluoranthene	25 U	1.8 J	AC
	Fluorene	21 J	21	AC
	Naphthalene	14 J	3.7 J	AC
	Phenanthrene	28	25	AC
	Pyrene	2.2 J	2.2 J	AC
MW-1801 / DUP-02-20220824	1-Methylnaphthalene	210	220	AC
	2-Methylnaphthalene	4.0 J	4.3 J	AC
	Acenaphthene	110	110	AC
	Acenaphthylene	7.9 J	8.8 J	AC
	Anthracene	14 J	13	AC
	Fluoranthene	5.0 J	6.0	AC
	Fluorene	40	43	AC
	Naphthalene	170	190	AC
	Phenanthrene	62	62	AC
	Pyrene	6.9 J	6.8	AC

Notes:
AC = Acceptable
U = non detect

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

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

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
DUP-01-20220824	1-Methylnaphthalene	110 E	120	120 D
DUP-02-20220824	1-Methylnaphthalene	170 E	220	220 D
	Acenaphthene	100 E	110	110 D
	Naphthalene	120 E	190	190 D

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

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

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

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.

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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/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	
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. Quantitation transcriptions/calculations		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

SAMPLE COMPLIANCE REPORT

SDG	Sampling Date	Protocol	Sample ID	Matrix	Compliancy[1]			Noncompliance
					VOC	SVOC	MISC	
480-201062-1	08/24/2022	SW846	MW-1805	Water	Yes	Yes	--	
	08/24/2022	SW846	PZ-31	Water	Yes	Yes	--	
	08/24/2022	SW846	MW-1807	Water	Yes	Yes	--	
	08/24/2022	SW846	MW-1809	Water	Yes	Yes	--	
	08/24/2022	SW846	PZ-13	Water	Yes	Yes	--	
	08/24/2022	SW846	PZ-29	Water	Yes	Yes	--	
	08/24/2022	SW846	MW-1810	Water	Yes	Yes	--	
	08/24/2022	SW846	PZ-24	Water	Yes	Yes	--	
	08/24/2022	SW846	PZ-18	Water	Yes	Yes	--	
	08/24/2022	SW846	PZ-14	Water	Yes	Yes	--	
	08/24/2022	SW846	MW-1802	Water	Yes	Yes	--	
	08/24/2022	SW846	MW-1803	Water	Yes	Yes	--	
	08/24/2022	SW846	MW-1804	Water	Yes	Yes	--	
	08/24/2022	SW846	MW-1808	Water	Yes	Yes	--	
	08/24/2022	SW846	DUP-01-20220824	Water	Yes	Yes	--	SVOCs – Sample diluted
	08/24/2022	SW846	MW-1801	Water	Yes	Yes	--	
	08/24/2022	SW846	DUP-02-20220824	Water	Yes	Yes	--	SVOCs – Sample diluted
	08/24/2022	SW846	PZ-17	Water	Yes	Yes	--	
	08/24/2022	SW846	MW-04S	Water	Yes	Yes	--	
	08/24/2022	SW846	PZ-19	Water	Yes	Yes	--	
	08/24/2022	SW846	PZ-36	Water	Yes	Yes	--	
	08/24/2022	SW846	PZ-32	Water	Yes	Yes	--	
	08/24/2022	SW846	MW-1806	Water	Yes	Yes	--	
	08/24/2022	SW846	TRIP BLANK	Water	Yes	Yes	--	

Notes:

SDG = sample delivery group

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 H S

SIGNATURE: 

DATE: October 07, 2022

PEER REVIEW: Joe Houser

DATE: October 07, 2022

CHAIN OF CUSTODY AND 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 America

Client Information	Sampler: AJS, KCF	Lab PM: Schove, John R	Carrier Tracking No(s): drop-off	COC No: 480-176421-37871.1
Client Contact: Ryan Clare	Phone: 716909-9063	E-Mail: John.Schove@et.eurofinsus.com	State of Origin: NY	Page: Page 1 of 4
Company: ARCADIS U.S. Inc	PWSID:			Job #:
Address: 100 Chestnut Street Suite 1020	Due Date Requested:			
City: Rochester	TAT Requested (days):			
State, Zip: NY, 14604	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 4505120446			
Email: Ryan.Clare@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
M - Hexane
N - None
O - AsNaO2
P - Na2O4S
Q - Na2SO3
...S2O3
...O4
... Dodecahydrate
...tone
...AA
...4-5
...ma
...er (specify)

480-201062 Chain of Custody

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 ...	Special Instructions/Note:
			Preservation Code				N	A	A		
MW-1805	8/25/22	0845	G	Water	N	N	X	X		5	
PZ-31	8/25/22	1015	G	Water	N	N	X	X		5	
MW-1807	8/25/22	0900	G	Water	N	N	X	X		5	
MW-1809	8/25/22	1005	G	Water	N	N	X	X		5	
PZ-13	8/25/22	1105	G	Water	N	N	X	X		5	
PZ-29	8/25/22	1200	G	Water	N	N	X	X		5	
MW-1810	8/25/22	1240	G	Water	N	N	X	X		5	
PZ-24	8/25/22	1455	G	Water	N	N	X	X		5	
PZ-19	8/25/22	1400	G	Water	N	N	X	X		5	
PZ-14	8/25/22	1605	G	Water	N	N	X	X		5	
MW-1802	8/26/22	0935	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: Adam Svensson	Date/Time: 8/26/22 1205	Company: Arcadis	Received by:	Date/Time: 8/26/22 1205	Company: A
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: 4.2 3.1 3.3 5.2 #11CF

Ver: 06/08/2021

9/2/2022

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: AJS, KCF	Lab PM: Schove, John R	Carrier Tracking No(s): drop-off	COC No: 480-176421-37871.2
Client Contact: Ryan Clare	Phone: 716-909-9063	E-Mail: John.Schove@et.eurofinsus.com	State of Origin: NY	Page: Page 2 of 4
Company: ARCADIS U.S. Inc	PWSID:			Job #:
Address: 100 Chestnut Street Suite 1020	Due Date Requested:			
City: Rochester	TAT Requested (days):			
State, Zip: NY, 14604	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 4505120446			
Email: Ryan.Clare@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-1803	8/23/22	1435	G	Water	N	N	X	X		5	
MW-1804	8/23/22	1435	G	Water	N	N	X	X		5	
MW-1808 (MS/MSD)	8/24/22	0920	G	Water	N	Y	X	X		15	
Dup-01-20220824	8/24/22	—	G	Water	N	N	X	X		5	
MW-1801 (MS/MSD)	8/24/22	0940	G	Water	N	Y	X	X		15	
Dup-02-20220824	8/24/22	—	G	Water	N	N	X	X		5	
~~PZ-17~~ PZ-17	8/24/22	1420	G	Water	N	N	X	X		5	
~~MW-1801~~ MW-045	8/24/22	1140	G	Water	N	N	X	X		5	
PZ-19	8/24/22	1250	G	Water	N	N	X	X		5	
PZ-36	8/24/22	1405	G	Water	N	N	X	X		5	
PZ-32	8/24/22	1520	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:	Company	Received by:	Date/Time:	Company
Adam Svensson	8/26/22 1205	Arcadis	See pg 1		
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:

Ver: 06/08/2021

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: AJS, KCF	Lab PM: Schove, John R	Carrier Tracking No(s): drop-off	COC No: 480-176421-37871.3
Client Contact: Ryan Clare	Phone: 716-909-9063	E-Mail: John.Schove@et.eurofinsus.com	State of Origin: NY	Page: Page 3 of 4
Company: ARCADIS U.S. Inc	PWSID:			Job #:
Address: 100 Chestnut Street Suite 1020	Due Date Requested:			
City: Rochester	TAT Requested (days):			
State, Zip: NY, 14604	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 4505120446			
Email: Ryan.Clare@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-180C-	8/26/22	0900	G	Water	N	N	X	X		5	
Trip Blank	8/4/22	—	G	Water	N	N			X	4	
				Water							
				Water							
				Water							
				Water							
				Water							
				Water							
				Water							
				Water							
				Water							
				Water							

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
Adam Svensson	8/26/22 1205	Arcadis	See pg1		
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:

Ver: 06/08/2021

Client Sample ID: MW-1805

Date Collected: 08/25/22 08:45
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**49**		5.0	2.1	ug/L			08/26/22 17:24	5
Ethylbenzene	**150**		5.0	3.7	ug/L			08/26/22 17:24	5
Toluene	**6.6**		5.0	2.6	ug/L			08/26/22 17:24	5
Xylenes, Total	**66**		10	3.3	ug/L			08/26/22 17:24	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*08/26/22 17:24*	*5*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*08/26/22 17:24*	*5*
Dibromofluoromethane (Surr)	*99*		*75 - 123*		*08/26/22 17:24*	*5*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/26/22 17:24*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**270**		25	3.7	ug/L		08/27/22 09:32	08/30/22 13:31	5
2-Methylnaphthalene	**19**	**J**	25	3.0	ug/L		08/27/22 09:32	08/30/22 13:31	5
Acenaphthene	**170**		25	2.1	ug/L		08/27/22 09:32	08/30/22 13:31	5
Acenaphthylene	**8.0**	**J**	25	1.9	ug/L		08/27/22 09:32	08/30/22 13:31	5
Anthracene	**14**	**J**	25	1.4	ug/L		08/27/22 09:32	08/30/22 13:31	5
Benzo[a]anthracene	ND		25	1.8	ug/L		08/27/22 09:32	08/30/22 13:31	5
Benzo[a]pyrene	ND		25	2.4	ug/L		08/27/22 09:32	08/30/22 13:31	5
Benzo[b]fluoranthene	ND		25	1.7	ug/L		08/27/22 09:32	08/30/22 13:31	5
Benzo[g,h,i]perylene	ND		25	1.8	ug/L		08/27/22 09:32	08/30/22 13:31	5
Benzo[k]fluoranthene	ND		25	3.7	ug/L		08/27/22 09:32	08/30/22 13:31	5
Chrysene	ND		25	1.7	ug/L		08/27/22 09:32	08/30/22 13:31	5
Dibenz(a,h)anthracene	ND		25	2.1	ug/L		08/27/22 09:32	08/30/22 13:31	5
Fluoranthene	**3.7**	**J**	25	2.0	ug/L		08/27/22 09:32	08/30/22 13:31	5
Fluorene	**58**		25	1.8	ug/L		08/27/22 09:32	08/30/22 13:31	5
Indeno[1,2,3-cd]pyrene	ND		25	2.4	ug/L		08/27/22 09:32	08/30/22 13:31	5
Naphthalene	**180**		25	3.8	ug/L		08/27/22 09:32	08/30/22 13:31	5
Phenanthrene	**68**		25	2.2	ug/L		08/27/22 09:32	08/30/22 13:31	5
Pyrene	**4.5**	**J**	25	1.7	ug/L		08/27/22 09:32	08/30/22 13:31	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*93*		*48 - 120*	*08/27/22 09:32*	*08/30/22 13:31*	*5*
Nitrobenzene-d5 (Surr)	*82*		*46 - 120*	*08/27/22 09:32*	*08/30/22 13:31*	*5*
p-Terphenyl-d14 (Surr)	*51*	*S1-*	*60 - 148*	*08/27/22 09:32*	*08/30/22 13:31*	*5*

Client Sample ID: PZ-31

Date Collected: 08/25/22 10:15
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-2

Matrix: Water

Method: 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			08/29/22 17:42	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/29/22 17:42	1
Toluene	ND		1.0	0.51	ug/L			08/29/22 17:42	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/29/22 17:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*		*08/29/22 17:42*	*1*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*08/29/22 17:42*	*1*

Client Sample ID: PZ-31

Date Collected: 08/25/22 10:15
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-2

Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*99*		*75 - 123*		*08/29/22 17:42*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/29/22 17:42*	*1*

Method: 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		08/27/22 09:32	08/30/22 13:58	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/27/22 09:32	08/30/22 13:58	1
Acenaphthene	ND		5.0	0.41	ug/L		08/27/22 09:32	08/30/22 13:58	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/27/22 09:32	08/30/22 13:58	1
Anthracene	ND		5.0	0.28	ug/L		08/27/22 09:32	08/30/22 13:58	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/27/22 09:32	08/30/22 13:58	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/27/22 09:32	08/30/22 13:58	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/27/22 09:32	08/30/22 13:58	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/27/22 09:32	08/30/22 13:58	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/27/22 09:32	08/30/22 13:58	1
Chrysene	ND		5.0	0.33	ug/L		08/27/22 09:32	08/30/22 13:58	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/27/22 09:32	08/30/22 13:58	1
Fluoranthene	ND		5.0	0.40	ug/L		08/27/22 09:32	08/30/22 13:58	1
Fluorene	ND		5.0	0.36	ug/L		08/27/22 09:32	08/30/22 13:58	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/27/22 09:32	08/30/22 13:58	1
Naphthalene	ND		5.0	0.76	ug/L		08/27/22 09:32	08/30/22 13:58	1
Phenanthrene	ND		5.0	0.44	ug/L		08/27/22 09:32	08/30/22 13:58	1
Pyrene	ND		5.0	0.34	ug/L		08/27/22 09:32	08/30/22 13:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*99*		*48 - 120*	*08/27/22 09:32*	*08/30/22 13:58*	*1*
Nitrobenzene-d5 (Surr)	*88*		*46 - 120*	*08/27/22 09:32*	*08/30/22 13:58*	*1*
p-Terphenyl-d14 (Surr)	*59*	*S1-*	*60 - 148*	*08/27/22 09:32*	*08/30/22 13:58*	*1*

Client Sample ID: MW-1807

Date Collected: 08/25/22 09:00
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**11**		1.0	0.41	ug/L			08/26/22 18:11	1
Ethylbenzene	**2.6**		1.0	0.74	ug/L			08/26/22 18:11	1
Toluene	**0.90**	**J**	1.0	0.51	ug/L			08/26/22 18:11	1
Xylenes, Total	**3.9**		2.0	0.66	ug/L			08/26/22 18:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*		*08/26/22 18:11*	*1*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*08/26/22 18:11*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 123*		*08/26/22 18:11*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/26/22 18:11*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		54	7.9	ug/L		08/27/22 09:32	08/30/22 14:25	10
2-Methylnaphthalene	ND		54	6.5	ug/L		08/27/22 09:32	08/30/22 14:25	10

Client Sample ID: MW-1807

Date Collected: 08/25/22 09:00
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**31**	**J**	54	4.5	ug/L		08/27/22 09:32	08/30/22 14:25	10
Acenaphthylene	ND		54	4.1	ug/L		08/27/22 09:32	08/30/22 14:25	10
Anthracene	ND		54	3.0	ug/L		08/27/22 09:32	08/30/22 14:25	10
Benzo[a]anthracene	ND		54	3.9	ug/L		08/27/22 09:32	08/30/22 14:25	10
Benzo[a]pyrene	ND		54	5.1	ug/L		08/27/22 09:32	08/30/22 14:25	10
Benzo[b]fluoranthene	ND		54	3.7	ug/L		08/27/22 09:32	08/30/22 14:25	10
Benzo[g,h,i]perylene	ND		54	3.8	ug/L		08/27/22 09:32	08/30/22 14:25	10
Benzo[k]fluoranthene	ND		54	7.9	ug/L		08/27/22 09:32	08/30/22 14:25	10
Chrysene	ND		54	3.6	ug/L		08/27/22 09:32	08/30/22 14:25	10
Dibenz(a,h)anthracene	ND		54	4.6	ug/L		08/27/22 09:32	08/30/22 14:25	10
Fluoranthene	**5.9**	**J**	54	4.3	ug/L		08/27/22 09:32	08/30/22 14:25	10
Fluorene	**16**	**J**	54	3.9	ug/L		08/27/22 09:32	08/30/22 14:25	10
Indeno[1,2,3-cd]pyrene	ND		54	5.1	ug/L		08/27/22 09:32	08/30/22 14:25	10
Naphthalene	ND		54	8.3	ug/L		08/27/22 09:32	08/30/22 14:25	10
Phenanthrene	ND		54	4.8	ug/L		08/27/22 09:32	08/30/22 14:25	10
Pyrene	**7.0**	**J**	54	3.7	ug/L		08/27/22 09:32	08/30/22 14:25	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*96*		*48 - 120*	*08/27/22 09:32*	*08/30/22 14:25*	*10*
Nitrobenzene-d5 (Surr)	*81*		*46 - 120*	*08/27/22 09:32*	*08/30/22 14:25*	*10*
p-Terphenyl-d14 (Surr)	*56*	*S1-*	*60 - 148*	*08/27/22 09:32*	*08/30/22 14:25*	*10*

Client Sample ID: MW-1809

Date Collected: 08/25/22 10:05
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-4

Matrix: Water

Method: 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			08/26/22 18:34	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/26/22 18:34	1
Toluene	ND		1.0	0.51	ug/L			08/26/22 18:34	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/26/22 18:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*		*08/26/22 18:34*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*08/26/22 18:34*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*08/26/22 18:34*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*08/26/22 18:34*	*1*

Method: 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		08/27/22 09:32	08/30/22 14:53	1
2-Methylnaphthalene	ND		5.4	0.65	ug/L		08/27/22 09:32	08/30/22 14:53	1
Acenaphthene	ND		5.4	0.45	ug/L		08/27/22 09:32	08/30/22 14:53	1
Acenaphthylene	ND		5.4	0.41	ug/L		08/27/22 09:32	08/30/22 14:53	1
Anthracene	ND		5.4	0.30	ug/L		08/27/22 09:32	08/30/22 14:53	1
Benzo[a]anthracene	ND		5.4	0.39	ug/L		08/27/22 09:32	08/30/22 14:53	1
Benzo[a]pyrene	ND		5.4	0.51	ug/L		08/27/22 09:32	08/30/22 14:53	1
Benzo[b]fluoranthene	ND		5.4	0.37	ug/L		08/27/22 09:32	08/30/22 14:53	1
Benzo[g,h,i]perylene	ND		5.4	0.38	ug/L		08/27/22 09:32	08/30/22 14:53	1
Benzo[k]fluoranthene	ND		5.4	0.79	ug/L		08/27/22 09:32	08/30/22 14:53	1

Client Sample ID: MW-1809

Date Collected: 08/25/22 10:05
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.4	0.36	ug/L		08/27/22 09:32	08/30/22 14:53	1
Dibenz(a,h)anthracene	ND		5.4	0.46	ug/L		08/27/22 09:32	08/30/22 14:53	1
Fluoranthene	ND		5.4	0.43	ug/L		08/27/22 09:32	08/30/22 14:53	1
Fluorene	ND		5.4	0.39	ug/L		08/27/22 09:32	08/30/22 14:53	1
Indeno[1,2,3-cd]pyrene	ND		5.4	0.51	ug/L		08/27/22 09:32	08/30/22 14:53	1
Naphthalene	ND		5.4	0.83	ug/L		08/27/22 09:32	08/30/22 14:53	1
Phenanthrene	ND		5.4	0.48	ug/L		08/27/22 09:32	08/30/22 14:53	1
Pyrene	ND		5.4	0.37	ug/L		08/27/22 09:32	08/30/22 14:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*111*		*48 - 120*	*08/27/22 09:32*	*08/30/22 14:53*	*1*
Nitrobenzene-d5 (Surr)	*94*		*46 - 120*	*08/27/22 09:32*	*08/30/22 14:53*	*1*
p-Terphenyl-d14 (Surr)	*75*		*60 - 148*	*08/27/22 09:32*	*08/30/22 14:53*	*1*

Client Sample ID: PZ-13

Date Collected: 08/25/22 11:05
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-5
Matrix: Water

Method: 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			08/26/22 18:57	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/26/22 18:57	1
Toluene	ND		1.0	0.51	ug/L			08/26/22 18:57	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/26/22 18:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*77 - 120*		*08/26/22 18:57*	*1*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*08/26/22 18:57*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 123*		*08/26/22 18:57*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/26/22 18:57*	*1*

Method: 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		08/27/22 09:32	08/30/22 15:20	1
2-Methylnaphthalene	ND		5.4	0.65	ug/L		08/27/22 09:32	08/30/22 15:20	1
Acenaphthene	ND		5.4	0.45	ug/L		08/27/22 09:32	08/30/22 15:20	1
Acenaphthylene	ND		5.4	0.41	ug/L		08/27/22 09:32	08/30/22 15:20	1
Anthracene	ND		5.4	0.30	ug/L		08/27/22 09:32	08/30/22 15:20	1
Benzo[a]anthracene	ND		5.4	0.39	ug/L		08/27/22 09:32	08/30/22 15:20	1
Benzo[a]pyrene	ND		5.4	0.51	ug/L		08/27/22 09:32	08/30/22 15:20	1
Benzo[b]fluoranthene	ND		5.4	0.37	ug/L		08/27/22 09:32	08/30/22 15:20	1
Benzo[g,h,i]perylene	ND		5.4	0.38	ug/L		08/27/22 09:32	08/30/22 15:20	1
Benzo[k]fluoranthene	ND		5.4	0.79	ug/L		08/27/22 09:32	08/30/22 15:20	1
Chrysene	ND		5.4	0.36	ug/L		08/27/22 09:32	08/30/22 15:20	1
Dibenz(a,h)anthracene	ND		5.4	0.46	ug/L		08/27/22 09:32	08/30/22 15:20	1
Fluoranthene	ND		5.4	0.43	ug/L		08/27/22 09:32	08/30/22 15:20	1
Fluorene	ND		5.4	0.39	ug/L		08/27/22 09:32	08/30/22 15:20	1
Indeno[1,2,3-cd]pyrene	ND		5.4	0.51	ug/L		08/27/22 09:32	08/30/22 15:20	1
Naphthalene	ND		5.4	0.83	ug/L		08/27/22 09:32	08/30/22 15:20	1
Phenanthrene	ND		5.4	0.48	ug/L		08/27/22 09:32	08/30/22 15:20	1
Pyrene	ND		5.4	0.37	ug/L		08/27/22 09:32	08/30/22 15:20	1

Client Sample ID: PZ-13

Lab Sample ID: 480-201062-5

Date Collected: 08/25/22 11:05

Matrix: Water

Date Received: 08/26/22 12:05

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*110*		*48 - 120*	*08/27/22 09:32*	*08/30/22 15:20*	*1*
Nitrobenzene-d5 (Surr)	*94*		*46 - 120*	*08/27/22 09:32*	*08/30/22 15:20*	*1*
p-Terphenyl-d14 (Surr)	*58*	*S1-*	*60 - 148*	*08/27/22 09:32*	*08/30/22 15:20*	*1*

Client Sample ID: PZ-29

Lab Sample ID: 480-201062-6

Date Collected: 08/25/22 12:00

Matrix: Water

Date Received: 08/26/22 12:05

Method: 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			08/26/22 19:20	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/26/22 19:20	1
Toluene	ND		1.0	0.51	ug/L			08/26/22 19:20	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/26/22 19:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*08/26/22 19:20*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*08/26/22 19:20*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*08/26/22 19:20*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/26/22 19:20*	*1*

Method: 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		08/27/22 09:32	08/30/22 15:47	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/27/22 09:32	08/30/22 15:47	1
Acenaphthene	ND		5.0	0.41	ug/L		08/27/22 09:32	08/30/22 15:47	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/27/22 09:32	08/30/22 15:47	1
Anthracene	ND		5.0	0.28	ug/L		08/27/22 09:32	08/30/22 15:47	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/27/22 09:32	08/30/22 15:47	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/27/22 09:32	08/30/22 15:47	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/27/22 09:32	08/30/22 15:47	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/27/22 09:32	08/30/22 15:47	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/27/22 09:32	08/30/22 15:47	1
Chrysene	ND		5.0	0.33	ug/L		08/27/22 09:32	08/30/22 15:47	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/27/22 09:32	08/30/22 15:47	1
Fluoranthene	ND		5.0	0.40	ug/L		08/27/22 09:32	08/30/22 15:47	1
Fluorene	ND		5.0	0.36	ug/L		08/27/22 09:32	08/30/22 15:47	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/27/22 09:32	08/30/22 15:47	1
Naphthalene	ND		5.0	0.76	ug/L		08/27/22 09:32	08/30/22 15:47	1
Phenanthrene	ND		5.0	0.44	ug/L		08/27/22 09:32	08/30/22 15:47	1
Pyrene	ND		5.0	0.34	ug/L		08/27/22 09:32	08/30/22 15:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*104*		*48 - 120*	*08/27/22 09:32*	*08/30/22 15:47*	*1*
Nitrobenzene-d5 (Surr)	*88*		*46 - 120*	*08/27/22 09:32*	*08/30/22 15:47*	*1*
p-Terphenyl-d14 (Surr)	*62*		*60 - 148*	*08/27/22 09:32*	*08/30/22 15:47*	*1*

Client Sample ID: MW-1810

Lab Sample ID: 480-201062-7

Date Collected: 08/25/22 12:40

Matrix: Water

Date Received: 08/26/22 12:05

Method: 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			08/26/22 19:44	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/26/22 19:44	1
Toluene	ND		1.0	0.51	ug/L			08/26/22 19:44	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/26/22 19:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*08/26/22 19:44*	*1*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*08/26/22 19:44*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 123*		*08/26/22 19:44*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*08/26/22 19:44*	*1*

Method: 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		08/27/22 09:32	08/30/22 16:15	1
2-Methylnaphthalene	ND		5.2	0.63	ug/L		08/27/22 09:32	08/30/22 16:15	1
Acenaphthene	ND		5.2	0.43	ug/L		08/27/22 09:32	08/30/22 16:15	1
Acenaphthylene	ND		5.2	0.40	ug/L		08/27/22 09:32	08/30/22 16:15	1
Anthracene	ND		5.2	0.29	ug/L		08/27/22 09:32	08/30/22 16:15	1
Benzo[a]anthracene	ND		5.2	0.38	ug/L		08/27/22 09:32	08/30/22 16:15	1
Benzo[a]pyrene	ND		5.2	0.49	ug/L		08/27/22 09:32	08/30/22 16:15	1
Benzo[b]fluoranthene	ND		5.2	0.35	ug/L		08/27/22 09:32	08/30/22 16:15	1
Benzo[g,h,i]perylene	ND		5.2	0.36	ug/L		08/27/22 09:32	08/30/22 16:15	1
Benzo[k]fluoranthene	ND		5.2	0.76	ug/L		08/27/22 09:32	08/30/22 16:15	1
Chrysene	ND		5.2	0.34	ug/L		08/27/22 09:32	08/30/22 16:15	1
Dibenz(a,h)anthracene	ND		5.2	0.44	ug/L		08/27/22 09:32	08/30/22 16:15	1
Fluoranthene	ND		5.2	0.42	ug/L		08/27/22 09:32	08/30/22 16:15	1
Fluorene	ND		5.2	0.38	ug/L		08/27/22 09:32	08/30/22 16:15	1
Indeno[1,2,3-cd]pyrene	ND		5.2	0.49	ug/L		08/27/22 09:32	08/30/22 16:15	1
Naphthalene	ND		5.2	0.79	ug/L		08/27/22 09:32	08/30/22 16:15	1
Phenanthrene	ND		5.2	0.46	ug/L		08/27/22 09:32	08/30/22 16:15	1
Pyrene	ND		5.2	0.35	ug/L		08/27/22 09:32	08/30/22 16:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*107*		*48 - 120*	*08/27/22 09:32*	*08/30/22 16:15*	*1*
Nitrobenzene-d5 (Surr)	*92*		*46 - 120*	*08/27/22 09:32*	*08/30/22 16:15*	*1*
p-Terphenyl-d14 (Surr)	*66*		*60 - 148*	*08/27/22 09:32*	*08/30/22 16:15*	*1*

Client Sample ID: PZ-24

Lab Sample ID: 480-201062-8

Date Collected: 08/25/22 14:55

Matrix: Water

Date Received: 08/26/22 12:05

Method: 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			08/26/22 20:07	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/26/22 20:07	1
Toluene	ND		1.0	0.51	ug/L			08/26/22 20:07	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/26/22 20:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*		*08/26/22 20:07*	*1*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*		*08/26/22 20:07*	*1*

Client Sample ID: PZ-24

Lab Sample ID: 480-201062-8

Date Collected: 08/25/22 14:55

Matrix: Water

Date Received: 08/26/22 12:05

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*08/26/22 20:07*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/26/22 20:07*	*1*

Method: 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		08/27/22 09:32	08/30/22 16:42	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/27/22 09:32	08/30/22 16:42	1
Acenaphthene	ND		5.0	0.41	ug/L		08/27/22 09:32	08/30/22 16:42	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/27/22 09:32	08/30/22 16:42	1
Anthracene	ND		5.0	0.28	ug/L		08/27/22 09:32	08/30/22 16:42	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/27/22 09:32	08/30/22 16:42	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/27/22 09:32	08/30/22 16:42	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/27/22 09:32	08/30/22 16:42	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/27/22 09:32	08/30/22 16:42	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/27/22 09:32	08/30/22 16:42	1
Chrysene	ND		5.0	0.33	ug/L		08/27/22 09:32	08/30/22 16:42	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/27/22 09:32	08/30/22 16:42	1
Fluoranthene	ND		5.0	0.40	ug/L		08/27/22 09:32	08/30/22 16:42	1
Fluorene	ND		5.0	0.36	ug/L		08/27/22 09:32	08/30/22 16:42	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/27/22 09:32	08/30/22 16:42	1
Naphthalene	ND		5.0	0.76	ug/L		08/27/22 09:32	08/30/22 16:42	1
Phenanthrene	ND		5.0	0.44	ug/L		08/27/22 09:32	08/30/22 16:42	1
Pyrene	ND		5.0	0.34	ug/L		08/27/22 09:32	08/30/22 16:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	*100*		*48 - 120*	*08/27/22 09:32*	*08/30/22 16:42*	*1*
Nitrobenzene-d5 (Surr)	*86*		*46 - 120*	*08/27/22 09:32*	*08/30/22 16:42*	*1*
p-Terphenyl-d14 (Surr)	*68*		*60 - 148*	*08/27/22 09:32*	*08/30/22 16:42*	*1*

Client Sample ID: PZ-18

Lab Sample ID: 480-201062-9

Date Collected: 08/25/22 14:00

Matrix: Water

Date Received: 08/26/22 12:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**240**		4.0	1.6	ug/L			08/29/22 18:05	4
Ethylbenzene	ND		4.0	3.0	ug/L			08/29/22 18:05	4
Toluene	ND		4.0	2.0	ug/L			08/29/22 18:05	4
Xylenes, Total	ND		8.0	2.6	ug/L			08/29/22 18:05	4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*08/29/22 18:05*	*4*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*08/29/22 18:05*	*4*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*08/29/22 18:05*	*4*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/29/22 18:05*	*4*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**1.2**	**J**	5.4	0.79	ug/L		08/27/22 09:32	08/30/22 17:09	1
2-Methylnaphthalene	ND		5.4	0.65	ug/L		08/27/22 09:32	08/30/22 17:09	1

Client Sample ID: PZ-18

Date Collected: 08/25/22 14:00
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-9

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**0.56**	**J**	5.4	0.45	ug/L		08/27/22 09:32	08/30/22 17:09	1
Acenaphthylene	ND		5.4	0.41	ug/L		08/27/22 09:32	08/30/22 17:09	1
Anthracene	ND		5.4	0.30	ug/L		08/27/22 09:32	08/30/22 17:09	1
Benzo[a]anthracene	ND		5.4	0.39	ug/L		08/27/22 09:32	08/30/22 17:09	1
Benzo[a]pyrene	ND		5.4	0.51	ug/L		08/27/22 09:32	08/30/22 17:09	1
Benzo[b]fluoranthene	ND		5.4	0.37	ug/L		08/27/22 09:32	08/30/22 17:09	1
Benzo[g,h,i]perylene	ND		5.4	0.38	ug/L		08/27/22 09:32	08/30/22 17:09	1
Benzo[k]fluoranthene	ND		5.4	0.79	ug/L		08/27/22 09:32	08/30/22 17:09	1
Chrysene	ND		5.4	0.36	ug/L		08/27/22 09:32	08/30/22 17:09	1
Dibenz(a,h)anthracene	ND		5.4	0.46	ug/L		08/27/22 09:32	08/30/22 17:09	1
Fluoranthene	ND		5.4	0.43	ug/L		08/27/22 09:32	08/30/22 17:09	1
Fluorene	ND		5.4	0.39	ug/L		08/27/22 09:32	08/30/22 17:09	1
Indeno[1,2,3-cd]pyrene	ND		5.4	0.51	ug/L		08/27/22 09:32	08/30/22 17:09	1
Naphthalene	ND		5.4	0.83	ug/L		08/27/22 09:32	08/30/22 17:09	1
Phenanthrene	ND		5.4	0.48	ug/L		08/27/22 09:32	08/30/22 17:09	1
Pyrene	ND		5.4	0.37	ug/L		08/27/22 09:32	08/30/22 17:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*99*		*48 - 120*	*08/27/22 09:32*	*08/30/22 17:09*	*1*
Nitrobenzene-d5 (Surr)	*87*		*46 - 120*	*08/27/22 09:32*	*08/30/22 17:09*	*1*
p-Terphenyl-d14 (Surr)	*72*		*60 - 148*	*08/27/22 09:32*	*08/30/22 17:09*	*1*

Client Sample ID: PZ-14

Date Collected: 08/25/22 16:05
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-10

Matrix: Water

Method: 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			08/29/22 18:28	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/29/22 18:28	1
Toluene	ND		1.0	0.51	ug/L			08/29/22 18:28	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/29/22 18:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*		*08/29/22 18:28*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*08/29/22 18:28*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*08/29/22 18:28*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*08/29/22 18:28*	*1*

Method: 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		08/27/22 09:32	08/30/22 17:37	1
2-Methylnaphthalene	ND		5.4	0.65	ug/L		08/27/22 09:32	08/30/22 17:37	1
Acenaphthene	ND		5.4	0.45	ug/L		08/27/22 09:32	08/30/22 17:37	1
Acenaphthylene	ND		5.4	0.41	ug/L		08/27/22 09:32	08/30/22 17:37	1
Anthracene	ND		5.4	0.30	ug/L		08/27/22 09:32	08/30/22 17:37	1
Benzo[a]anthracene	ND		5.4	0.39	ug/L		08/27/22 09:32	08/30/22 17:37	1
Benzo[a]pyrene	ND		5.4	0.51	ug/L		08/27/22 09:32	08/30/22 17:37	1
Benzo[b]fluoranthene	ND		5.4	0.37	ug/L		08/27/22 09:32	08/30/22 17:37	1
Benzo[g,h,i]perylene	ND		5.4	0.38	ug/L		08/27/22 09:32	08/30/22 17:37	1
Benzo[k]fluoranthene	ND		5.4	0.79	ug/L		08/27/22 09:32	08/30/22 17:37	1

Client Sample ID: PZ-14

Date Collected: 08/25/22 16:05
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.4	0.36	ug/L		08/27/22 09:32	08/30/22 17:37	1
Dibenz(a,h)anthracene	ND		5.4	0.46	ug/L		08/27/22 09:32	08/30/22 17:37	1
Fluoranthene	ND		5.4	0.43	ug/L		08/27/22 09:32	08/30/22 17:37	1
Fluorene	ND		5.4	0.39	ug/L		08/27/22 09:32	08/30/22 17:37	1
Indeno[1,2,3-cd]pyrene	ND		5.4	0.51	ug/L		08/27/22 09:32	08/30/22 17:37	1
Naphthalene	ND		5.4	0.83	ug/L		08/27/22 09:32	08/30/22 17:37	1
Phenanthrene	ND		5.4	0.48	ug/L		08/27/22 09:32	08/30/22 17:37	1
Pyrene	ND		5.4	0.37	ug/L		08/27/22 09:32	08/30/22 17:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*94*		*48 - 120*	*08/27/22 09:32*	*08/30/22 17:37*	*1*
Nitrobenzene-d5 (Surr)	*81*		*46 - 120*	*08/27/22 09:32*	*08/30/22 17:37*	*1*
p-Terphenyl-d14 (Surr)	*70*		*60 - 148*	*08/27/22 09:32*	*08/30/22 17:37*	*1*

Client Sample ID: MW-1802

Date Collected: 08/26/22 08:35
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-11
Matrix: Water

Method: 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			08/26/22 21:17	10
Ethylbenzene	**190**		10	7.4	ug/L			08/26/22 21:17	10
Toluene	**6.3**	**J**	10	5.1	ug/L			08/26/22 21:17	10
Xylenes, Total	**110**		20	6.6	ug/L			08/26/22 21:17	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*08/26/22 21:17*	*10*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*08/26/22 21:17*	*10*
Dibromofluoromethane (Surr)	*103*		*75 - 123*		*08/26/22 21:17*	*10*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/26/22 21:17*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**80**	**J**	100	15	ug/L		08/27/22 09:32	08/30/22 18:04	20
2-Methylnaphthalene	**14**	**J**	100	12	ug/L		08/27/22 09:32	08/30/22 18:04	20
Acenaphthene	**120**		100	8.2	ug/L		08/27/22 09:32	08/30/22 18:04	20
Acenaphthylene	ND		100	7.6	ug/L		08/27/22 09:32	08/30/22 18:04	20
Anthracene	**12**	**J**	100	5.6	ug/L		08/27/22 09:32	08/30/22 18:04	20
Benzo[a]anthracene	ND		100	7.2	ug/L		08/27/22 09:32	08/30/22 18:04	20
Benzo[a]pyrene	ND		100	9.4	ug/L		08/27/22 09:32	08/30/22 18:04	20
Benzo[b]fluoranthene	ND		100	6.8	ug/L		08/27/22 09:32	08/30/22 18:04	20
Benzo[g,h,i]perylene	ND		100	7.0	ug/L		08/27/22 09:32	08/30/22 18:04	20
Benzo[k]fluoranthene	ND		100	15	ug/L		08/27/22 09:32	08/30/22 18:04	20
Chrysene	ND		100	6.6	ug/L		08/27/22 09:32	08/30/22 18:04	20
Dibenz(a,h)anthracene	ND		100	8.4	ug/L		08/27/22 09:32	08/30/22 18:04	20
Fluoranthene	**8.9**	**J**	100	8.0	ug/L		08/27/22 09:32	08/30/22 18:04	20
Fluorene	**34**	**J**	100	7.2	ug/L		08/27/22 09:32	08/30/22 18:04	20
Indeno[1,2,3-cd]pyrene	ND		100	9.4	ug/L		08/27/22 09:32	08/30/22 18:04	20
Naphthalene	**680**		100	15	ug/L		08/27/22 09:32	08/30/22 18:04	20
Phenanthrene	**36**	**J**	100	8.8	ug/L		08/27/22 09:32	08/30/22 18:04	20
Pyrene	**12**	**J**	100	6.8	ug/L		08/27/22 09:32	08/30/22 18:04	20

Client Sample ID: MW-1802

Date Collected: 08/26/22 08:35
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-11
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	91		48 - 120	08/27/22 09:32	08/30/22 18:04	20
Nitrobenzene-d5 (Surr)	71		46 - 120	08/27/22 09:32	08/30/22 18:04	20
p-Terphenyl-d14 (Surr)	45	S1-	60 - 148	08/27/22 09:32	08/30/22 18:04	20

Client Sample ID: MW-1803

Date Collected: 08/23/22 14:35
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-12
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**12**		10	4.1	ug/L			08/26/22 21:40	10
Ethylbenzene	**150**		10	7.4	ug/L			08/26/22 21:40	10
Toluene	ND		10	5.1	ug/L			08/26/22 21:40	10
Xylenes, Total	**100**		20	6.6	ug/L			08/26/22 21:40	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		77 - 120		08/26/22 21:40	10
4-Bromofluorobenzene (Surr)	105		73 - 120		08/26/22 21:40	10
Dibromofluoromethane (Surr)	100		75 - 123		08/26/22 21:40	10
Toluene-d8 (Surr)	101		80 - 120		08/26/22 21:40	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**540**		50	7.3	ug/L		08/27/22 09:32	08/30/22 18:31	10
2-Methylnaphthalene	ND		50	6.0	ug/L		08/27/22 09:32	08/30/22 18:31	10
Acenaphthene	**240**		50	4.1	ug/L		08/27/22 09:32	08/30/22 18:31	10
Acenaphthylene	**45**	**J**	50	3.8	ug/L		08/27/22 09:32	08/30/22 18:31	10
Anthracene	**15**	**J**	50	2.8	ug/L		08/27/22 09:32	08/30/22 18:31	10
Benzo[a]anthracene	ND		50	3.6	ug/L		08/27/22 09:32	08/30/22 18:31	10
Benzo[a]pyrene	ND		50	4.7	ug/L		08/27/22 09:32	08/30/22 18:31	10
Benzo[b]fluoranthene	ND		50	3.4	ug/L		08/27/22 09:32	08/30/22 18:31	10
Benzo[g,h,i]perylene	ND		50	3.5	ug/L		08/27/22 09:32	08/30/22 18:31	10
Benzo[k]fluoranthene	ND		50	7.3	ug/L		08/27/22 09:32	08/30/22 18:31	10
Chrysene	ND		50	3.3	ug/L		08/27/22 09:32	08/30/22 18:31	10
Dibenz(a,h)anthracene	ND		50	4.2	ug/L		08/27/22 09:32	08/30/22 18:31	10
Fluoranthene	**4.6**	**J**	50	4.0	ug/L		08/27/22 09:32	08/30/22 18:31	10
Fluorene	**74**		50	3.6	ug/L		08/27/22 09:32	08/30/22 18:31	10
Indeno[1,2,3-cd]pyrene	ND		50	4.7	ug/L		08/27/22 09:32	08/30/22 18:31	10
Naphthalene	**150**		50	7.6	ug/L		08/27/22 09:32	08/30/22 18:31	10
Phenanthrene	**67**		50	4.4	ug/L		08/27/22 09:32	08/30/22 18:31	10
Pyrene	**5.4**	**J**	50	3.4	ug/L		08/27/22 09:32	08/30/22 18:31	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	99		48 - 120	08/27/22 09:32	08/30/22 18:31	10
Nitrobenzene-d5 (Surr)	72		46 - 120	08/27/22 09:32	08/30/22 18:31	10
p-Terphenyl-d14 (Surr)	39	S1-	60 - 148	08/27/22 09:32	08/30/22 18:31	10

Client Sample ID: MW-1804

Date Collected: 08/23/22 14:35
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-13
Matrix: Water

Method: 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			08/26/22 22:03	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/26/22 22:03	1
Toluene	ND		1.0	0.51	ug/L			08/26/22 22:03	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/26/22 22:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*		*08/26/22 22:03*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*08/26/22 22:03*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 123*		*08/26/22 22:03*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/26/22 22:03*	*1*

Method: 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		08/27/22 09:32	08/30/22 18:58	1
2-Methylnaphthalene	ND		5.4	0.65	ug/L		08/27/22 09:32	08/30/22 18:58	1
Acenaphthene	ND		5.4	0.45	ug/L		08/27/22 09:32	08/30/22 18:58	1
Acenaphthylene	ND		5.4	0.41	ug/L		08/27/22 09:32	08/30/22 18:58	1
Anthracene	ND		5.4	0.30	ug/L		08/27/22 09:32	08/30/22 18:58	1
Benzo[a]anthracene	ND		5.4	0.39	ug/L		08/27/22 09:32	08/30/22 18:58	1
Benzo[a]pyrene	ND		5.4	0.51	ug/L		08/27/22 09:32	08/30/22 18:58	1
Benzo[b]fluoranthene	ND		5.4	0.37	ug/L		08/27/22 09:32	08/30/22 18:58	1
Benzo[g,h,i]perylene	ND		5.4	0.38	ug/L		08/27/22 09:32	08/30/22 18:58	1
Benzo[k]fluoranthene	ND		5.4	0.79	ug/L		08/27/22 09:32	08/30/22 18:58	1
Chrysene	ND		5.4	0.36	ug/L		08/27/22 09:32	08/30/22 18:58	1
Dibenz(a,h)anthracene	ND		5.4	0.46	ug/L		08/27/22 09:32	08/30/22 18:58	1
Fluoranthene	ND		5.4	0.43	ug/L		08/27/22 09:32	08/30/22 18:58	1
Fluorene	ND		5.4	0.39	ug/L		08/27/22 09:32	08/30/22 18:58	1
Indeno[1,2,3-cd]pyrene	ND		5.4	0.51	ug/L		08/27/22 09:32	08/30/22 18:58	1
Naphthalene	ND		5.4	0.83	ug/L		08/27/22 09:32	08/30/22 18:58	1
Phenanthrene	ND		5.4	0.48	ug/L		08/27/22 09:32	08/30/22 18:58	1
Pyrene	ND		5.4	0.37	ug/L		08/27/22 09:32	08/30/22 18:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*86*		*48 - 120*	*08/27/22 09:32*	*08/30/22 18:58*	*1*
Nitrobenzene-d5 (Surr)	*73*		*46 - 120*	*08/27/22 09:32*	*08/30/22 18:58*	*1*
p-Terphenyl-d14 (Surr)	*64*		*60 - 148*	*08/27/22 09:32*	*08/30/22 18:58*	*1*

Client Sample ID: MW-1808

Date Collected: 08/24/22 09:20
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-14
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**21**		5.0	2.1	ug/L			08/26/22 22:27	5
Ethylbenzene	**24**		5.0	3.7	ug/L			08/26/22 22:27	5
Toluene	ND		5.0	2.6	ug/L			08/26/22 22:27	5
Xylenes, Total	**13**		10	3.3	ug/L			08/26/22 22:27	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*08/26/22 22:27*	*5*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*08/26/22 22:27*	*5*

Client Sample ID: MW-1808

Date Collected: 08/24/22 09:20
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-14

Matrix: Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*08/26/22 22:27*	*5*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/26/22 22:27*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**130**		25	3.7	ug/L		08/27/22 09:32	08/30/22 13:03	5
2-Methylnaphthalene	ND		25	3.0	ug/L		08/27/22 09:32	08/30/22 13:03	5
Acenaphthene	**60**		25	2.1	ug/L		08/27/22 09:32	08/30/22 13:03	5
Acenaphthylene	**7.5**	**J**	25	1.9	ug/L		08/27/22 09:32	08/30/22 13:03	5
Anthracene	**3.5**	**J**	25	1.4	ug/L		08/27/22 09:32	08/30/22 13:03	5
Benzo[a]anthracene	ND		25	1.8	ug/L		08/27/22 09:32	08/30/22 13:03	5
Benzo[a]pyrene	ND		25	2.4	ug/L		08/27/22 09:32	08/30/22 13:03	5
Benzo[b]fluoranthene	ND		25	1.7	ug/L		08/27/22 09:32	08/30/22 13:03	5
Benzo[g,h,i]perylene	ND		25	1.8	ug/L		08/27/22 09:32	08/30/22 13:03	5
Benzo[k]fluoranthene	ND		25	3.7	ug/L		08/27/22 09:32	08/30/22 13:03	5
Chrysene	ND		25	1.7	ug/L		08/27/22 09:32	08/30/22 13:03	5
Dibenz(a,h)anthracene	ND		25	2.1	ug/L		08/27/22 09:32	08/30/22 13:03	5
Fluoranthene	ND		25	2.0	ug/L		08/27/22 09:32	08/30/22 13:03	5
Fluorene	**21**	**J**	25	1.8	ug/L		08/27/22 09:32	08/30/22 13:03	5
Indeno[1,2,3-cd]pyrene	ND		25	2.4	ug/L		08/27/22 09:32	08/30/22 13:03	5
Naphthalene	**14**	**J**	25	3.8	ug/L		08/27/22 09:32	08/30/22 13:03	5
Phenanthrene	**28**		25	2.2	ug/L		08/27/22 09:32	08/30/22 13:03	5
Pyrene	**2.2**	**J**	25	1.7	ug/L		08/27/22 09:32	08/30/22 13:03	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	*95*		*48 - 120*	*08/27/22 09:32*	*08/30/22 13:03*	*5*
Nitrobenzene-d5 (Surr)	*78*		*46 - 120*	*08/27/22 09:32*	*08/30/22 13:03*	*5*
p-Terphenyl-d14 (Surr)	*57*	*S1-*	*60 - 148*	*08/27/22 09:32*	*08/30/22 13:03*	*5*

Client Sample ID: DUP-01-20220824

Date Collected: 08/24/22 00:00
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-15

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**20**		10	4.1	ug/L			08/26/22 22:50	10
Ethylbenzene	**23**		10	7.4	ug/L			08/26/22 22:50	10
Toluene	ND		10	5.1	ug/L			08/26/22 22:50	10
Xylenes, Total	**8.5**	**J**	20	6.6	ug/L			08/26/22 22:50	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*		*08/26/22 22:50*	*10*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*08/26/22 22:50*	*10*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*08/26/22 22:50*	*10*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/26/22 22:50*	*10*

Method: 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~~		~~08/27/22 09:32~~	~~08/30/22 19:26~~	~~1~~
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/27/22 09:32	08/30/22 19:26	1

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

Job ID: 480-201062-1

Client Sample ID: DUP-01-20220824
Date Collected: 08/24/22 00:00
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-15
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**55**		5.0	0.41	ug/L		08/27/22 09:32	08/30/22 19:26	1
Acenaphthylene	**7.3**		5.0	0.38	ug/L		08/27/22 09:32	08/30/22 19:26	1
Anthracene	**3.1**	**J**	5.0	0.28	ug/L		08/27/22 09:32	08/30/22 19:26	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/27/22 09:32	08/30/22 19:26	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/27/22 09:32	08/30/22 19:26	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/27/22 09:32	08/30/22 19:26	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/27/22 09:32	08/30/22 19:26	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/27/22 09:32	08/30/22 19:26	1
Chrysene	ND		5.0	0.33	ug/L		08/27/22 09:32	08/30/22 19:26	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/27/22 09:32	08/30/22 19:26	1
Fluoranthene	**1.8**	**J**	5.0	0.40	ug/L		08/27/22 09:32	08/30/22 19:26	1
Fluorene	**21**		5.0	0.36	ug/L		08/27/22 09:32	08/30/22 19:26	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/27/22 09:32	08/30/22 19:26	1
Naphthalene	**3.7**	**J**	5.0	0.76	ug/L		08/27/22 09:32	08/30/22 19:26	1
Phenanthrene	**25**		5.0	0.44	ug/L		08/27/22 09:32	08/30/22 19:26	1
Pyrene	**2.2**	**J**	5.0	0.34	ug/L		08/27/22 09:32	08/30/22 19:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*85*		*48 - 120*	*08/27/22 09:32*	*08/30/22 19:26*	*1*
Nitrobenzene-d5 (Surr)	*76*		*46 - 120*	*08/27/22 09:32*	*08/30/22 19:26*	*1*
p-Terphenyl-d14 (Surr)	*60*		*60 - 148*	*08/27/22 09:32*	*08/30/22 19:26*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**120**	D	25	3.7	ug/L		08/27/22 09:32	08/31/22 14:52	5
2-Methylnaphthalene	ND		25	3.0	ug/L		08/27/22 09:32	08/31/22 14:52	5
Acenaphthene	**58**		25	2.1	ug/L		08/27/22 09:32	08/31/22 14:52	5
Acenaphthylene	**7.2**	**J**	25	1.9	ug/L		08/27/22 09:32	08/31/22 14:52	5
Anthracene	**3.7**	**J**	25	1.4	ug/L		08/27/22 09:32	08/31/22 14:52	5
Benzo[a]anthracene	ND		25	1.8	ug/L		08/27/22 09:32	08/31/22 14:52	5
Benzo[a]pyrene	ND		25	2.4	ug/L		08/27/22 09:32	08/31/22 14:52	5
Benzo[b]fluoranthene	ND		25	1.7	ug/L		08/27/22 09:32	08/31/22 14:52	5
Benzo[g,h,i]perylene	ND		25	1.8	ug/L		08/27/22 09:32	08/31/22 14:52	5
Benzo[k]fluoranthene	ND		25	3.7	ug/L		08/27/22 09:32	08/31/22 14:52	5
Chrysene	ND		25	1.7	ug/L		08/27/22 09:32	08/31/22 14:52	5
Dibenz(a,h)anthracene	ND		25	2.1	ug/L		08/27/22 09:32	08/31/22 14:52	5
Fluoranthene	ND		25	2.0	ug/L		08/27/22 09:32	08/31/22 14:52	5
Fluorene	**25**		25	1.8	ug/L		08/27/22 09:32	08/31/22 14:52	5
Indeno[1,2,3-cd]pyrene	ND		25	2.4	ug/L		08/27/22 09:32	08/31/22 14:52	5
Naphthalene	**4.0**	**J**	25	3.8	ug/L		08/27/22 09:32	08/31/22 14:52	5
Phenanthrene	**24**	**J**	25	2.2	ug/L		08/27/22 09:32	08/31/22 14:52	5
Pyrene	**2.0**	**J**	25	1.7	ug/L		08/27/22 09:32	08/31/22 14:52	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*87*		*48 - 120*	*08/27/22 09:32*	*08/31/22 14:52*	*5*
Nitrobenzene-d5 (Surr)	*71*		*46 - 120*	*08/27/22 09:32*	*08/31/22 14:52*	*5*
p-Terphenyl-d14 (Surr)	*59*	*S1-*	*60 - 148*	*08/27/22 09:32*	*08/31/22 14:52*	*5*

Client Sample ID: MW-1801

Date Collected: 08/24/22 09:40
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-16
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	40		5.0	2.1	ug/L			08/26/22 23:14	5
Ethylbenzene	190		5.0	3.7	ug/L			08/26/22 23:14	5
Toluene	5.2		5.0	2.6	ug/L			08/26/22 23:14	5
Xylenes, Total	69		10	3.3	ug/L			08/26/22 23:14	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*08/26/22 23:14*	*5*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*08/26/22 23:14*	*5*
Dibromofluoromethane (Surr)	*99*		*75 - 123*		*08/26/22 23:14*	*5*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/26/22 23:14*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	210		26	3.8	ug/L		08/27/22 09:40	08/30/22 16:14	5
2-Methylnaphthalene	4.0	J	26	3.1	ug/L		08/27/22 09:40	08/30/22 16:14	5
Acenaphthene	110		26	2.1	ug/L		08/27/22 09:40	08/30/22 16:14	5
Acenaphthylene	7.9	J	26	2.0	ug/L		08/27/22 09:40	08/30/22 16:14	5
Anthracene	14	J	26	1.5	ug/L		08/27/22 09:40	08/30/22 16:14	5
Benzo[a]anthracene	ND		26	1.9	ug/L		08/27/22 09:40	08/30/22 16:14	5
Benzo[a]pyrene	ND		26	2.4	ug/L		08/27/22 09:40	08/30/22 16:14	5
Benzo[b]fluoranthene	ND		26	1.8	ug/L		08/27/22 09:40	08/30/22 16:14	5
Benzo[g,h,i]perylene	ND		26	1.8	ug/L		08/27/22 09:40	08/30/22 16:14	5
Benzo[k]fluoranthene	ND		26	3.8	ug/L		08/27/22 09:40	08/30/22 16:14	5
Chrysene	ND		26	1.7	ug/L		08/27/22 09:40	08/30/22 16:14	5
Dibenz(a,h)anthracene	ND		26	2.2	ug/L		08/27/22 09:40	08/30/22 16:14	5
Fluoranthene	5.0	J	26	2.1	ug/L		08/27/22 09:40	08/30/22 16:14	5
Fluorene	40		26	1.9	ug/L		08/27/22 09:40	08/30/22 16:14	5
Indeno[1,2,3-cd]pyrene	ND		26	2.4	ug/L		08/27/22 09:40	08/30/22 16:14	5
Naphthalene	170		26	4.0	ug/L		08/27/22 09:40	08/30/22 16:14	5
Phenanthrene	62		26	2.3	ug/L		08/27/22 09:40	08/30/22 16:14	5
Pyrene	6.9	J	26	1.8	ug/L		08/27/22 09:40	08/30/22 16:14	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*91*		*48 - 120*	*08/27/22 09:40*	*08/30/22 16:14*	*5*
Nitrobenzene-d5 (Surr)	*78*		*46 - 120*	*08/27/22 09:40*	*08/30/22 16:14*	*5*
p-Terphenyl-d14 (Surr)	*70*		*60 - 148*	*08/27/22 09:40*	*08/30/22 16:14*	*5*

Client Sample ID: DUP-02-20220824

Date Collected: 08/24/22 00:00
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-17
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	42		10	4.1	ug/L			08/26/22 23:37	10
Ethylbenzene	200		10	7.4	ug/L			08/26/22 23:37	10
Toluene	5.1	J	10	5.1	ug/L			08/26/22 23:37	10
Xylenes, Total	72		20	6.6	ug/L			08/26/22 23:37	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*		*08/26/22 23:37*	*10*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*08/26/22 23:37*	*10*

Client Sample ID: DUP-02-20220824
Date Collected: 08/24/22 00:00
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-17
Matrix: Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	101		75 - 123		08/26/22 23:37	10
Toluene-d8 (Surr)	99		80 - 120		08/26/22 23:37	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	170	E	5.2	0.76	ug/L		08/27/22 09:32	08/30/22 19:53	1
2-Methylnaphthalene	4.3	J	5.2	0.63	ug/L		08/27/22 09:32	08/30/22 19:53	1
Acenaphthene	100	E	5.2	0.43	ug/L		08/27/22 09:32	08/30/22 19:53	1
Acenaphthylene	8.8		5.2	0.40	ug/L		08/27/22 09:32	08/30/22 19:53	1
Anthracene	13		5.2	0.29	ug/L		08/27/22 09:32	08/30/22 19:53	1
Benzo[a]anthracene	ND		5.2	0.38	ug/L		08/27/22 09:32	08/30/22 19:53	1
Benzo[a]pyrene	ND		5.2	0.49	ug/L		08/27/22 09:32	08/30/22 19:53	1
Benzo[b]fluoranthene	ND		5.2	0.35	ug/L		08/27/22 09:32	08/30/22 19:53	1
Benzo[g,h,i]perylene	ND		5.2	0.36	ug/L		08/27/22 09:32	08/30/22 19:53	1
Benzo[k]fluoranthene	ND		5.2	0.76	ug/L		08/27/22 09:32	08/30/22 19:53	1
Chrysene	ND		5.2	0.34	ug/L		08/27/22 09:32	08/30/22 19:53	1
Dibenz(a,h)anthracene	ND		5.2	0.44	ug/L		08/27/22 09:32	08/30/22 19:53	1
Fluoranthene	6.0		5.2	0.42	ug/L		08/27/22 09:32	08/30/22 19:53	1
Fluorene	43		5.2	0.38	ug/L		08/27/22 09:32	08/30/22 19:53	1
Indeno[1,2,3-cd]pyrene	ND		5.2	0.49	ug/L		08/27/22 09:32	08/30/22 19:53	1
Naphthalene	120	E	5.2	0.79	ug/L		08/27/22 09:32	08/30/22 19:53	1
Phenanthrene	62		5.2	0.46	ug/L		08/27/22 09:32	08/30/22 19:53	1
Pyrene	6.8		5.2	0.35	ug/L		08/27/22 09:32	08/30/22 19:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	91		48 - 120	08/27/22 09:32	08/30/22 19:53	1
Nitrobenzene-d5 (Surr)	82		46 - 120	08/27/22 09:32	08/30/22 19:53	1
p-Terphenyl-d14 (Surr)	53	S1-	60 - 148	08/27/22 09:32	08/30/22 19:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	220	D	52	7.6	ug/L		08/27/22 09:32	08/31/22 15:19	10
2-Methylnaphthalene	ND		52	6.3	ug/L		08/27/22 09:32	08/31/22 15:19	10
Acenaphthene	110	D	52	4.3	ug/L		08/27/22 09:32	08/31/22 15:19	10
Acenaphthylene	8.7	J	52	4.0	ug/L		08/27/22 09:32	08/31/22 15:19	10
Anthracene	15	J	52	2.9	ug/L		08/27/22 09:32	08/31/22 15:19	10
Benzo[a]anthracene	ND		52	3.8	ug/L		08/27/22 09:32	08/31/22 15:19	10
Benzo[a]pyrene	ND		52	4.9	ug/L		08/27/22 09:32	08/31/22 15:19	10
Benzo[b]fluoranthene	ND		52	3.5	ug/L		08/27/22 09:32	08/31/22 15:19	10
Benzo[g,h,i]perylene	ND		52	3.6	ug/L		08/27/22 09:32	08/31/22 15:19	10
Benzo[k]fluoranthene	ND		52	7.6	ug/L		08/27/22 09:32	08/31/22 15:19	10
Chrysene	ND		52	3.4	ug/L		08/27/22 09:32	08/31/22 15:19	10
Dibenz(a,h)anthracene	ND		52	4.4	ug/L		08/27/22 09:32	08/31/22 15:19	10
Fluoranthene	5.8	J	52	4.2	ug/L		08/27/22 09:32	08/31/22 15:19	10
Fluorene	50	J	52	3.8	ug/L		08/27/22 09:32	08/31/22 15:19	10
Indeno[1,2,3-cd]pyrene	ND		52	4.9	ug/L		08/27/22 09:32	08/31/22 15:19	10
Naphthalene	190	D	52	7.9	ug/L		08/27/22 09:32	08/31/22 15:19	10
Phenanthrene	67		52	4.6	ug/L		08/27/22 09:32	08/31/22 15:19	10
Pyrene	7.0	J	52	3.5	ug/L		08/27/22 09:32	08/31/22 15:19	10

Client Sample ID: DUP-02-20220824

Lab Sample ID: 480-201062-17

Date Collected: 08/24/22 00:00

Matrix: Water

Date Received: 08/26/22 12:05

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	92		48 - 120	08/27/22 09:32	08/31/22 15:19	10
Nitrobenzene-d5 (Surr)	72		46 - 120	08/27/22 09:32	08/31/22 15:19	10
p-Terphenyl-d14 (Surr)	50	S1-	60 - 148	08/27/22 09:32	08/31/22 15:19	10

Client Sample ID: PZ-17

Lab Sample ID: 480-201062-18

Date Collected: 08/24/22 14:20

Matrix: Water

Date Received: 08/26/22 12:05

Method: 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			08/29/22 18:52	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/29/22 18:52	1
Toluene	ND		1.0	0.51	ug/L			08/29/22 18:52	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/29/22 18:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		08/29/22 18:52	1
4-Bromofluorobenzene (Surr)	101		73 - 120		08/29/22 18:52	1
Dibromofluoromethane (Surr)	104		75 - 123		08/29/22 18:52	1
Toluene-d8 (Surr)	101		80 - 120		08/29/22 18:52	1

Method: 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		08/27/22 09:32	08/30/22 20:20	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/27/22 09:32	08/30/22 20:20	1
Acenaphthene	ND		5.0	0.41	ug/L		08/27/22 09:32	08/30/22 20:20	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/27/22 09:32	08/30/22 20:20	1
Anthracene	ND		5.0	0.28	ug/L		08/27/22 09:32	08/30/22 20:20	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/27/22 09:32	08/30/22 20:20	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/27/22 09:32	08/30/22 20:20	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/27/22 09:32	08/30/22 20:20	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/27/22 09:32	08/30/22 20:20	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/27/22 09:32	08/30/22 20:20	1
Chrysene	ND		5.0	0.33	ug/L		08/27/22 09:32	08/30/22 20:20	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/27/22 09:32	08/30/22 20:20	1
Fluoranthene	ND		5.0	0.40	ug/L		08/27/22 09:32	08/30/22 20:20	1
Fluorene	ND		5.0	0.36	ug/L		08/27/22 09:32	08/30/22 20:20	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/27/22 09:32	08/30/22 20:20	1
Naphthalene	ND		5.0	0.76	ug/L		08/27/22 09:32	08/30/22 20:20	1
Phenanthrene	ND		5.0	0.44	ug/L		08/27/22 09:32	08/30/22 20:20	1
Pyrene	ND		5.0	0.34	ug/L		08/27/22 09:32	08/30/22 20:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	101		48 - 120	08/27/22 09:32	08/30/22 20:20	1
Nitrobenzene-d5 (Surr)	85		46 - 120	08/27/22 09:32	08/30/22 20:20	1
p-Terphenyl-d14 (Surr)	64		60 - 148	08/27/22 09:32	08/30/22 20:20	1

Client Sample ID: MW-04S

Date Collected: 08/24/22 11:40
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-19
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**38**		2.0	0.82	ug/L			08/27/22 00:23	2
Ethylbenzene	**130**		2.0	1.5	ug/L			08/27/22 00:23	2
Toluene	**5.4**		2.0	1.0	ug/L			08/27/22 00:23	2
Xylenes, Total	**54**		4.0	1.3	ug/L			08/27/22 00:23	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*		*08/27/22 00:23*	*2*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*08/27/22 00:23*	*2*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*08/27/22 00:23*	*2*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/27/22 00:23*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**280**		52	7.6	ug/L		08/27/22 09:40	08/30/22 16:42	10
2-Methylnaphthalene	**36**	**J**	52	6.3	ug/L		08/27/22 09:40	08/30/22 16:42	10
Acenaphthene	**190**		52	4.3	ug/L		08/27/22 09:40	08/30/22 16:42	10
Acenaphthylene	**7.4**	**J**	52	4.0	ug/L		08/27/22 09:40	08/30/22 16:42	10
Anthracene	**11**	**J**	52	2.9	ug/L		08/27/22 09:40	08/30/22 16:42	10
Benzo[a]anthracene	ND		52	3.8	ug/L		08/27/22 09:40	08/30/22 16:42	10
Benzo[a]pyrene	ND		52	4.9	ug/L		08/27/22 09:40	08/30/22 16:42	10
Benzo[b]fluoranthene	ND		52	3.5	ug/L		08/27/22 09:40	08/30/22 16:42	10
Benzo[g,h,i]perylene	ND		52	3.6	ug/L		08/27/22 09:40	08/30/22 16:42	10
Benzo[k]fluoranthene	ND		52	7.6	ug/L		08/27/22 09:40	08/30/22 16:42	10
Chrysene	ND		52	3.4	ug/L		08/27/22 09:40	08/30/22 16:42	10
Dibenz(a,h)anthracene	ND		52	4.4	ug/L		08/27/22 09:40	08/30/22 16:42	10
Fluoranthene	ND		52	4.2	ug/L		08/27/22 09:40	08/30/22 16:42	10
Fluorene	**62**		52	3.8	ug/L		08/27/22 09:40	08/30/22 16:42	10
Indeno[1,2,3-cd]pyrene	ND		52	4.9	ug/L		08/27/22 09:40	08/30/22 16:42	10
Naphthalene	**340**		52	7.9	ug/L		08/27/22 09:40	08/30/22 16:42	10
Phenanthrene	**73**		52	4.6	ug/L		08/27/22 09:40	08/30/22 16:42	10
Pyrene	**5.0**	**J**	52	3.5	ug/L		08/27/22 09:40	08/30/22 16:42	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*86*		*48 - 120*	*08/27/22 09:40*	*08/30/22 16:42*	*10*
Nitrobenzene-d5 (Surr)	*74*		*46 - 120*	*08/27/22 09:40*	*08/30/22 16:42*	*10*
p-Terphenyl-d14 (Surr)	*73*		*60 - 148*	*08/27/22 09:40*	*08/30/22 16:42*	*10*

Client Sample ID: PZ-19

Date Collected: 08/24/22 12:50
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-20
Matrix: Water

Method: 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			08/27/22 00:46	10
Ethylbenzene	ND		10	7.4	ug/L			08/27/22 00:46	10
Toluene	ND		10	5.1	ug/L			08/27/22 00:46	10
Xylenes, Total	ND		20	6.6	ug/L			08/27/22 00:46	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*77 - 120*		*08/27/22 00:46*	*10*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*08/27/22 00:46*	*10*

Client Sample ID: PZ-19

Date Collected: 08/24/22 12:50
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-20

Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*08/27/22 00:46*	*10*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/27/22 00:46*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		5.7	0.83	ug/L		08/27/22 09:40	08/30/22 17:09	1
2-Methylnaphthalene	ND		5.7	0.68	ug/L		08/27/22 09:40	08/30/22 17:09	1
Acenaphthene	ND		5.7	0.47	ug/L		08/27/22 09:40	08/30/22 17:09	1
Acenaphthylene	ND		5.7	0.43	ug/L		08/27/22 09:40	08/30/22 17:09	1
Anthracene	ND		5.7	0.32	ug/L		08/27/22 09:40	08/30/22 17:09	1
Benzo[a]anthracene	ND		5.7	0.41	ug/L		08/27/22 09:40	08/30/22 17:09	1
Benzo[a]pyrene	ND		5.7	0.53	ug/L		08/27/22 09:40	08/30/22 17:09	1
Benzo[b]fluoranthene	ND		5.7	0.39	ug/L		08/27/22 09:40	08/30/22 17:09	1
Benzo[g,h,i]perylene	ND		5.7	0.40	ug/L		08/27/22 09:40	08/30/22 17:09	1
Benzo[k]fluoranthene	ND		5.7	0.83	ug/L		08/27/22 09:40	08/30/22 17:09	1
Chrysene	ND		5.7	0.38	ug/L		08/27/22 09:40	08/30/22 17:09	1
Dibenz(a,h)anthracene	ND		5.7	0.48	ug/L		08/27/22 09:40	08/30/22 17:09	1
Fluoranthene	ND		5.7	0.45	ug/L		08/27/22 09:40	08/30/22 17:09	1
Fluorene	ND		5.7	0.41	ug/L		08/27/22 09:40	08/30/22 17:09	1
Indeno[1,2,3-cd]pyrene	ND		5.7	0.53	ug/L		08/27/22 09:40	08/30/22 17:09	1
Naphthalene	ND		5.7	0.86	ug/L		08/27/22 09:40	08/30/22 17:09	1
Phenanthrene	ND		5.7	0.50	ug/L		08/27/22 09:40	08/30/22 17:09	1
Pyrene	ND		5.7	0.39	ug/L		08/27/22 09:40	08/30/22 17:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*100*		*48 - 120*	*08/27/22 09:40*	*08/30/22 17:09*	*1*
Nitrobenzene-d5 (Surr)	*84*		*46 - 120*	*08/27/22 09:40*	*08/30/22 17:09*	*1*
p-Terphenyl-d14 (Surr)	*86*		*60 - 148*	*08/27/22 09:40*	*08/30/22 17:09*	*1*

Client Sample ID: PZ-36

Date Collected: 08/24/22 14:05
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-21

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**3.8**		1.0	0.41	ug/L			08/27/22 01:09	1
Ethylbenzene	**1.3**		1.0	0.74	ug/L			08/27/22 01:09	1
Toluene	ND		1.0	0.51	ug/L			08/27/22 01:09	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/27/22 01:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*		*08/27/22 01:09*	*1*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*08/27/22 01:09*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*08/27/22 01:09*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/27/22 01:09*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**7.2**		5.2	0.76	ug/L		08/27/22 09:40	08/30/22 17:37	1
2-Methylnaphthalene	ND		5.2	0.63	ug/L		08/27/22 09:40	08/30/22 17:37	1

Client Sample ID: PZ-36

Date Collected: 08/24/22 14:05
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-21
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**25**		5.2	0.43	ug/L		08/27/22 09:40	08/30/22 17:37	1
Acenaphthylene	**9.0**		5.2	0.40	ug/L		08/27/22 09:40	08/30/22 17:37	1
Anthracene	**0.64**	**J**	5.2	0.29	ug/L		08/27/22 09:40	08/30/22 17:37	1
Benzo[a]anthracene	ND		5.2	0.38	ug/L		08/27/22 09:40	08/30/22 17:37	1
Benzo[a]pyrene	ND		5.2	0.49	ug/L		08/27/22 09:40	08/30/22 17:37	1
Benzo[b]fluoranthene	ND		5.2	0.35	ug/L		08/27/22 09:40	08/30/22 17:37	1
Benzo[g,h,i]perylene	ND		5.2	0.36	ug/L		08/27/22 09:40	08/30/22 17:37	1
Benzo[k]fluoranthene	ND		5.2	0.76	ug/L		08/27/22 09:40	08/30/22 17:37	1
Chrysene	ND		5.2	0.34	ug/L		08/27/22 09:40	08/30/22 17:37	1
Dibenz(a,h)anthracene	ND		5.2	0.44	ug/L		08/27/22 09:40	08/30/22 17:37	1
Fluoranthene	**3.3**	**J**	5.2	0.42	ug/L		08/27/22 09:40	08/30/22 17:37	1
Fluorene	**2.3**	**J**	5.2	0.38	ug/L		08/27/22 09:40	08/30/22 17:37	1
Indeno[1,2,3-cd]pyrene	ND		5.2	0.49	ug/L		08/27/22 09:40	08/30/22 17:37	1
Naphthalene	ND		5.2	0.79	ug/L		08/27/22 09:40	08/30/22 17:37	1
Phenanthrene	**1.1**	**J**	5.2	0.46	ug/L		08/27/22 09:40	08/30/22 17:37	1
Pyrene	**4.1**	**J**	5.2	0.35	ug/L		08/27/22 09:40	08/30/22 17:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*102*		*48 - 120*	*08/27/22 09:40*	*08/30/22 17:37*	*1*
Nitrobenzene-d5 (Surr)	*88*		*46 - 120*	*08/27/22 09:40*	*08/30/22 17:37*	*1*
p-Terphenyl-d14 (Surr)	*78*		*60 - 148*	*08/27/22 09:40*	*08/30/22 17:37*	*1*

Client Sample ID: PZ-32

Date Collected: 08/24/22 15:20
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-22
Matrix: Water

Method: 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			08/27/22 01:32	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/27/22 01:32	1
Toluene	ND		1.0	0.51	ug/L			08/27/22 01:32	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/27/22 01:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*		*08/27/22 01:32*	*1*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*08/27/22 01:32*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 123*		*08/27/22 01:32*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*08/27/22 01:32*	*1*

Method: 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		08/27/22 09:40	08/30/22 18:04	1
2-Methylnaphthalene	ND		5.2	0.63	ug/L		08/27/22 09:40	08/30/22 18:04	1
Acenaphthene	ND		5.2	0.43	ug/L		08/27/22 09:40	08/30/22 18:04	1
Acenaphthylene	ND		5.2	0.40	ug/L		08/27/22 09:40	08/30/22 18:04	1
Anthracene	ND		5.2	0.29	ug/L		08/27/22 09:40	08/30/22 18:04	1
Benzo[a]anthracene	ND		5.2	0.38	ug/L		08/27/22 09:40	08/30/22 18:04	1
Benzo[a]pyrene	ND		5.2	0.49	ug/L		08/27/22 09:40	08/30/22 18:04	1
Benzo[b]fluoranthene	ND		5.2	0.35	ug/L		08/27/22 09:40	08/30/22 18:04	1
Benzo[g,h,i]perylene	ND		5.2	0.36	ug/L		08/27/22 09:40	08/30/22 18:04	1
Benzo[k]fluoranthene	ND		5.2	0.76	ug/L		08/27/22 09:40	08/30/22 18:04	1

Client Sample ID: PZ-32

Date Collected: 08/24/22 15:20
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-22
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.2	0.34	ug/L		08/27/22 09:40	08/30/22 18:04	1
Dibenz(a,h)anthracene	ND		5.2	0.44	ug/L		08/27/22 09:40	08/30/22 18:04	1
Fluoranthene	ND		5.2	0.42	ug/L		08/27/22 09:40	08/30/22 18:04	1
Fluorene	ND		5.2	0.38	ug/L		08/27/22 09:40	08/30/22 18:04	1
Indeno[1,2,3-cd]pyrene	ND		5.2	0.49	ug/L		08/27/22 09:40	08/30/22 18:04	1
Naphthalene	ND		5.2	0.79	ug/L		08/27/22 09:40	08/30/22 18:04	1
Phenanthrene	ND		5.2	0.46	ug/L		08/27/22 09:40	08/30/22 18:04	1
Pyrene	ND		5.2	0.35	ug/L		08/27/22 09:40	08/30/22 18:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*102*		*48 - 120*	*08/27/22 09:40*	*08/30/22 18:04*	*1*
Nitrobenzene-d5 (Surr)	*85*		*46 - 120*	*08/27/22 09:40*	*08/30/22 18:04*	*1*
p-Terphenyl-d14 (Surr)	*84*		*60 - 148*	*08/27/22 09:40*	*08/30/22 18:04*	*1*

Client Sample ID: MW-1806

Date Collected: 08/26/22 09:00
Date Received: 08/26/22 12:05

Lab Sample ID: 480-201062-23
Matrix: Water

Method: 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			08/29/22 19:15	10
Ethylbenzene	**21**		10	7.4	ug/L			08/29/22 19:15	10
Toluene	ND		10	5.1	ug/L			08/29/22 19:15	10
Xylenes, Total	**26**		20	6.6	ug/L			08/29/22 19:15	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*		*08/29/22 19:15*	*10*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*08/29/22 19:15*	*10*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*08/29/22 19:15*	*10*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/29/22 19:15*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		50	7.3	ug/L		08/27/22 09:40	08/30/22 18:31	10
2-Methylnaphthalene	ND		50	6.0	ug/L		08/27/22 09:40	08/30/22 18:31	10
Acenaphthene	**26**	**J**	50	4.1	ug/L		08/27/22 09:40	08/30/22 18:31	10
Acenaphthylene	ND		50	3.8	ug/L		08/27/22 09:40	08/30/22 18:31	10
Anthracene	ND		50	2.8	ug/L		08/27/22 09:40	08/30/22 18:31	10
Benzo[a]anthracene	**7.5**	**J**	50	3.6	ug/L		08/27/22 09:40	08/30/22 18:31	10
Benzo[a]pyrene	**6.1**	**J**	50	4.7	ug/L		08/27/22 09:40	08/30/22 18:31	10
Benzo[b]fluoranthene	**4.6**	**J**	50	3.4	ug/L		08/27/22 09:40	08/30/22 18:31	10
Benzo[g,h,i]perylene	ND		50	3.5	ug/L		08/27/22 09:40	08/30/22 18:31	10
Benzo[k]fluoranthene	ND		50	7.3	ug/L		08/27/22 09:40	08/30/22 18:31	10
Chrysene	**5.1**	**J**	50	3.3	ug/L		08/27/22 09:40	08/30/22 18:31	10
Dibenz(a,h)anthracene	ND		50	4.2	ug/L		08/27/22 09:40	08/30/22 18:31	10
Fluoranthene	**15**	**J**	50	4.0	ug/L		08/27/22 09:40	08/30/22 18:31	10
Fluorene	ND		50	3.6	ug/L		08/27/22 09:40	08/30/22 18:31	10
Indeno[1,2,3-cd]pyrene	ND		50	4.7	ug/L		08/27/22 09:40	08/30/22 18:31	10
Naphthalene	ND		50	7.6	ug/L		08/27/22 09:40	08/30/22 18:31	10
Phenanthrene	ND		50	4.4	ug/L		08/27/22 09:40	08/30/22 18:31	10
Pyrene	**16**	**J**	50	3.4	ug/L		08/27/22 09:40	08/30/22 18:31	10

Client Sample ID: MW-1806

Lab Sample ID: 480-201062-23

Date Collected: 08/26/22 09:00

Matrix: Water

Date Received: 08/26/22 12:05

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*84*		*48 - 120*	*08/27/22 09:40*	*08/30/22 18:31*	*10*
Nitrobenzene-d5 (Surr)	*78*		*46 - 120*	*08/27/22 09:40*	*08/30/22 18:31*	*10*
p-Terphenyl-d14 (Surr)	*40*	*S1-*	*60 - 148*	*08/27/22 09:40*	*08/30/22 18:31*	*10*

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-201062-24

Date Collected: 08/24/22 00:00

Matrix: Water

Date Received: 08/26/22 12:05

Method: 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			08/29/22 20:20	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/29/22 20:20	1
Toluene	ND		1.0	0.51	ug/L			08/29/22 20:20	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/29/22 20:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*77 - 120*		*08/29/22 20:20*	*1*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*08/29/22 20:20*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 123*		*08/29/22 20:20*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*08/29/22 20:20*	*1*

Appendix C

Site Inspection Form

Site Inspection Form

Dansville Former MGP Site
Dansville, Livingston County, New York

Date/Time: 8/26/2022 ;

Weather: Sunny

Personnel: AJS & KCF

Temperature: 73°

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:

- MW-01D is missing a well cap and surface completion
- No intrusive activities have occurred since the previous site visit

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