Site Management Periodic Review Report and IC/EC Certification (2025)

Geneseo Park Street Former MGP Site (NO. V00731)
Village of Geneseo, New York

Submitted to:
New York State Department of Environmental Conservation
Division of Environmental Remediation (BURC)
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1. Executive Summary

NEU-VELLE, LLC (NEU-VELLE) conducted the Site Management Periodic Review Report (PRR) and IC/EC Certification submittal for the Geneseo - Park Street Former Manufactured Gas Plant (MGP) Site located in the Village of Geneseo, New York (hereinafter referred to as the "Site") (Figure 1). The Site was formerly in the New York State (NYS) Voluntary Cleanup Program (VCP), Site No. V00731, which is administered by New York State Department of Environmental Conservation (NYSDEC). Rochester Gas and Electric Corporation (RG&E) entered into an Amended and Restated Voluntary Cleanup Agreement (VCA) on December 23, 2014 (DEC Index No. B8-0535-98-07) with the NYSDEC to include this Site. The agreement obligated RG&E to implement a remedial program for hazardous substances that are components of wastes associated with MGP-related operations at the Site. The VCP was terminated by the NYSDEC as part of a statewide mandate in 2018. The Site is currently governed by the requirements of the NYSDEC approved Site Management Plan (SMP) dated June 2018.

After completion of a source material removal interim remedial measure (IRM) performed by the State University of New York (SUNY) and under NYSDEC guidance in 2003, some MGP-related residuals were left at the Site, which is hereafter referred to as "remaining MGP contamination". Imposition of an Institutional Control (IC) in the form of Deed Restriction has been incorporated into the Site remedy to control exposure to remaining MGP contamination to ensure protection of public health and the environment.

The Site was remediated to address the presence of aromatic volatile organic compounds (VOCs) including benzene, toluene, ethylbenzene, and xylene (BTEX) and polyaromatic hydrocarbons (PAHs) in the aqueous phase and a dense non-aqueous phase liquid (DNAPL). A Site Characterization was conducted by RG&E in 2015 to 2016 and subsequent report concluded that a Remedial Investigation was not needed because the nature and extent of MGP-related impacts in soil and groundwater had been sufficiently defined for the purposes of conducting a remedial alternatives analysis, and that petroleum (*i.e.*, not MGP-related) may be the primary source of VOCs detected in soil and groundwater within the study area. The *Alternatives Analysis Letter Report* (AA Letter Report) was submitted to the NYSDEC on July 7, 2017, and the *Decision Document* containing the selected Site remedy was subsequently issued by the NYSDEC in August 2017. The elements of the selected remedy include:

- implementation of the remedial design program;
- maintaining the existing site covers;
- installation of an additional monitoring well;
- imposition of an institutional control in the form of a Deed Restriction, and;
- preparation of a post-remediation SMP.

Following the implementation of the selected remedy, the SMP was implemented (See Section 2).

NEU-VELLE found that each component of the SMP was complied with during this reporting period:

- ICs/ECs have been in place and effective, and
- Inspections were performed as required.

Based upon the inspections and compliance with the SMP, the Site remedy continues to meet the remedial objectives set forth. RG&E will continue to conduct inspections and perform groundwater

monitoring and NAPL removal from the specified monitoring well (MW-5) on an annual frequency, in accordance with the revised groundwater monitoring plan (refer to Section 2.2.3 for details).

2. Site Overview

2.1 Site Description

As shown on Figure 1, the Site is at the 4 and 6 Park Street properties in the Village of Geneseo, Livingston County, New York. The Site plan showing pre-remediation features is shown on Figure 2. The Site is an approximately ¾ -acre area and is surrounded by commercial buildings and School Street to the north, Park Street to the south, commercial buildings along the west side of Main Street to the east, and a SUNY academic complex (the Brodie Fine Arts building) to the west (Figure 2, Site Map).

The Site consists of a parking lot (L-Lot), access road, and sidewalk for SUNY campus that straddles the boundary between the village commercial district and the SUNY campus. The former gas holder for the MGP is farther west under the Brodie Fine Arts building. Most of the area occupied by the former MGP is either paved or located under paved surfaces. A small landscaped area is located at the southern end of the Site.

2.2 Site Remedial Program Summary

Remediation of MGP-related source materials was completed as an IRM by a contractor of SUNY under the oversight of NYSDEC during SUNY's Park Street entrance improvement program when the Site was developed as a parking lot. In September 2002 during final preparation for paving of the parking lot, a stone/brick containment structure was discovered approximately 4 feet below ground surface (bgs) that contained a black tarry material. The structure appears to have been located between the north side of the former MGP works building and the south side of the former coal house; however, the structure did not appear on any historical mapping. From September 2002 to January 2003 the NYSDEC oversaw the excavation and off-Site disposal by SUNY's contractor of the structure, liquid material inside and outside the structure, and the surrounding soil containing visible impacts.

During the IRM excavation, sidewall samples were collected for laboratory analysis. When laboratory results indicated an exceedance of the cleanup objective of 500 milligrams per kilogram (mg/kg) total PAHs and/or 10 mg/kg total BTEX, or when visible coal tar was encountered, excavation continued. Excavation sidewall and bottom sampling results were presented in the *Report of Activities at LL-Lot* (SUNY 2003). The report indicated that only one sidewall sample (located on the north excavation sidewall) did not meet the 500 mg/kg objective for PAHs (549.7 mg/kg PAHs were reported at that location).

The final excavation depth was approximately 20 feet bgs, terminating at the top of the fractured bedrock. An area near the center of the excavation was excavated an additional 5 feet into the fractured bedrock to approximately 25 feet bgs. Approximately 800 tons of tar-impacted soil and 3,200 gallons of impacted water that accumulated in the excavation were sent off site for disposal. The approximate location of the coal tar structure and the areal limits of the excavation are also shown on Figure 2. Structural fill was placed into the excavation and compacted.

2.2.1 Site Characterization and Alternative Analysis

RG&E conducted site characterization field activities between May 2015 and February 2016. The objectives of the site characterization were to:

- Gather information to evaluate whether MGP-related residuals remained in the subsurface.
- Determine whether MGP-related residual materials, if present, had a potential to pose a threat to public health or the environment.
- Determine whether a remedial investigation at the Site was appropriate.

The results from the Site Characterization were presented in the Site Characterization Report (Arcadis 2016) (SC Report). The SC Report concluded that a remedial investigation was unnecessary because the nature and extent of MGP-related impacts (PAHs and VOCs) in soil and groundwater had been sufficiently defined for the purposes of conducting a remedial alternatives analysis, and that petroleum (*i.e.*, not MGP-related) may be the primary source of VOCs detected in both soil and groundwater within the study area. Similarly, while VOCs were detected in soil vapor samples collected from across the Site, no MGP indicator compounds were present in any of the soil vapor samples. Gasoline indicators were, however, present in all but one of the samples. Based on the types of VOCs detected, no evidence of MGP impacts existed in the soil vapor.

A seam of MGP-related non-aqueous phase liquid (NAPL) was detected within the weathered bedrock during the installation of MW-5, located immediately west of the former excavation.

RG&E prepared and submitted a July 7, 2017, *Alternatives Analysis Letter Report* (AA Letter Report) to the NYSDEC that compared several remedial alternatives for the site. The NYSDEC subsequently issued a *Decision Document* dated August 2017 that provided the elements of the NYSDEC-selected site remedy. The elements of the selected remedy include:

- implementation of the remedial design program;
- maintaining the existing site covers;
- installation of an additional monitoring well;
- imposition of an institutional control in the form of a Deed Restriction, and;
- preparation of a post-remediation SMP.

A plan providing the parameters, procedures, and applicable information and detail for installation of the additional monitoring well was provided to the NYSDEC on September 12, 2017. The additional monitoring well (MW-8) was installed hydraulically downgradient from MW-5 from October 8 to 10, 2017. No visual evidence of NAPL or sheens, or odors were detected during the installation of MW-8.

2.2.2 Remaining MGP Contamination

During the excavation IRM conducted in 2002 to 2003, endpoint sidewall samples were collected for laboratory analysis and the results compared to the (then current) NYSDEC *Technical and Administrative Guidance Memorandum (TAGM) 4046; Determination of Soil Cleanup Objectives and Cleanup Levels* (TAGM 4046). Excavation endpoint sample results indicated that three of the four overburden sidewall samples met the TAGM 4046 levels for total BTEX (less than 10 mg/kg) and total PAHs (less than 500 mg/kg) (the north wall sample result indicated 549 mg/kg total PAHs). Additionally, each of the fractured bedrock (*i.e.*, excavation bottom) samples met TAGM 4046 levels.

There may be some residual MGP contaminants also present in the weathered bedrock which ranges another 0.3 ft. to 6 ft. bgs and the upper 10 feet of bedrock which was observed to be highly fractured; particularly downgradient of the former brick structure containing the coal tar-like materials excavated during the IRM.

During the site characterization conducted from 2015 to 2016, 22 soil samples were collected from 11 soil borings for laboratory analysis. Two additional soil samples were collected for laboratory analyses during installation of MW-8 in October 2017. The results for each of the analyses were compared to the 6 NYSRR Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs) and Restricted Commercial Use SCOs. BTEX were the only VOCs that exceeded Unrestricted Use SCOs. Methylcyclohexane, xylenes (total), and cyclohexane were the most prevalent VOCs detected in subsurface soil. Methylcyclohexane, cyclohexane, and xylenes are commonly present in weathered gasoline. Methyl tertiary butyl ether (MtBE), an octane enhancing gasoline additive used since 1979 to help prevent engine knocking, was detected in soil samples collected from two locations (MW-3 and MW-6). SVOCs were detected in 12 of the 22 soil samples with total SVOC concentrations ranging from below detection limits (12 samples) to 741,900 µg/kg in the soil sample collected from MW-1 (MW-1 is believed to be located within the backfill of the reported former excavation area).

BTEX and three PAHs have been identified in the Decision Document as the contaminants of potential concern (COPCs) for soil; specifically:

- Benzene
- Toluene
- Ethylbenzene
- Xylenes (total)
- Benzo(a)anthracene
- Benzo(a)pyrene
- Indeno(1,2,3-cd)pyrene

The Decision Document also identified BTEX and the same three PAHs identified as soil COPCs (benzo(a)anthracene, benzo(a)pyrene, and indeno[1,2,3-cd]pyrene) as COPCs for groundwater. Based on the groundwater sampling completed during the site characterization, depth to groundwater across most of the site is 10 ft. to 15 ft. bgs. None of the PAH analytes associated with MGP operations were detected at concentrations above their respective groundwater guidance values; BTEX analytes, where existing, were only detected at concentrations slightly above groundwater standards. Similar to VOC data for soil, data suggests that petroleum is the primary source of VOCs detected in groundwater within the study area.

Soil vapor samples were collected using SUMMA canisters in September 2015 from seven locations (SV-1 through SV-7) around the vicinity of the former MGP structures. Specifically, soil vapor samples were collected along the exterior of the eastern facade of the Brodie Fine Arts building, along the west side of the Brodie Fine Arts building within the courtyard, and north of the excavation area. Soil vapor samples were submitted for analysis by USEPA Compendium Method TO-15. In general, BTEX compounds were detected in much lower concentrations than were non-MGP-related chlorinated VOCs. Acetone and chloroform were the VOCs detected in the highest frequencies and in the highest relative concentrations. None of the “MGP-indicator” analytes included with the TO-15 analyses (indene, isooctane, or thiopenes) were detected in any of the soil gas samples. Gasoline indicators were present in 6 of the 7 soil vapor samples collected from across the site. Based on the types of analytes detected, no evidence of MGP impacts exist in the soil vapor.

2.2.3 Site Management Plan

The SMP, approved by NYSDEC letter dated July 3, 2018, provides the following:

- Institutional Controls:
    - Imposition of a Declaration of Covenants and Restrictions (Deed Restriction) that will:
        - Restrict use of the property to Restricted Residential, Commercial and Industrial Uses, and voluntarily restricts the use of the property to non-residential use
        - Restrict the use of groundwater as a source of potable or process water without appropriate treatment as determined by the New York State Department of Health (NYSDOH) or Livingston County DOH
        - Require inspection of Engineering Controls at the frequency and as described in the SMP
        - Require periodic certification of institutional and engineering controls
        - Require compliance with the SMP
- Engineering Controls:
    - Maintain the existing site covers
- Site Inspections:
    - Annually, and after severe weather conditions
- Monitoring and Sampling:
    - MW-5: Monitored quarterly and NAPL removal, as required, for initial period until less frequent monitoring is approved by the NYSDEC
    - MW-1, MW-2, MW-3, MW-4, MW-6, MW-7, MW-8: monitored and sampled semi-annually for initial 5-year period
- Maintenance:
    - As required based on Site inspections
- Reporting:
    - Periodic Review Report – submitted annually to NYSDEC

In accordance with RG&E's recommendation in the 10th Post-Remediation Sampling Event Autumn 2022 and subsequent email correspondence with the NYSDEC in May 2023, the frequency of sampling was reduced from semi-annually to annually and the number of wells sampled was reduced from seven to four (MW-4, MW-6, MW-7, and MW-8) for a three-year period starting in autumn of 2023.

In a letter from the NYSDEC dated September 13, 2023, the quarterly NAPL gauging at MW-5 was reduced to an annual basis to be performed in conjunction with the annual groundwater sampling event.

The SMP will be modified to reflect these changes to the post-remediation groundwater monitoring program and submitted to the NYSDEC for approval.

3. Remedy Performance Evaluation

The remedial performance is evaluated based on the periodic visual inspection of the Site stone, gravel, vegetative, concrete and/or asphalt covers and condition of monitoring wells.

The annual inspection of the Site surface covers was performed by NEU-VELLE, on November 31, 2025, to monitor its effectiveness at maintaining physical separation of the remaining subsurface contamination at the Site. The evaluation included a visual inspection of the vegetative, concrete, and/or asphalt cover for evidence of disturbance, erosion or removal of cover materials, settlement, or other pathways that could potentially result in exposure to subsurface MGP residuals. Visual observations and photographs were collected during the November 31, 2025, inspection. The existing cover materials and monitoring wells at the Site were observed to be in good condition. There were no noticeable signs of significant deterioration of the surface cover.

The SMP Site Inspection Form and photographs are included as Appendix A – 2025 Site Inspection Form and Photographic Log.

The SMP also requires a Monitoring and Sampling Plan for evaluating the effectives of the remedy at reducing dissolved MGP-related COPCs at, and downgradient, from the Site. As discussed in Section 2.2.3, groundwater sampling for chemical and physical analysis is being performed annually to determine if the remedial action objectives are being achieved. One (1) groundwater sampling event (the 12th Post-Remediation Sampling Event, Autumn 2024) was performed during the reporting period (November 1, 2024 to November 1, 2025) and the report for this groundwater sampling event has been submitted to the NYSDEC under separate cover. An additional groundwater sampling event (the 13th Post-Remediation Sampling Event, October 2025) was also performed during the reporting period, but these results are pending and will be presented in a forthcoming report under separate cover. Only results from the 12th Post-Remediation Sampling Event are discussed in this PRR. The laboratory report with results of analyses from the 12th Post-Remediation Sampling Event is provided as Exhibit A. A summary of the monitoring data follows, and a summary table of the analytical results compared to standards is provided as Table 1.

<u>12th Post-Remediation Sampling Event – Autumn 2024</u>

BTEX compounds were reported at concentrations at or above their corresponding TOGS 1.1.1 Class GA SCGs in samples from each of the four (4) wells that were sampled (MW-4, MW-6, MW-7, and MW-8), as follows:

- benzene was reported at a concentration [1.0 microgram per liter (µg/L) or parts per billion] equal to the TOGS 1.1.1 Class GA SCG for benzene in the groundwater sample collected from MW-7;
- in the groundwater sample collected from MW-4, xylenes (total) were reported at a concentration (8.2 µg/L) that is slightly above the TOGS 1.1.1 Class GA SCG for total xylenes (5 µg/L); and

- various BTEX compounds above their respective TOGS 1.1.1 Class GA SCGs were reported in the groundwater samples collected from MW-6 and MW-8, with greater BTEX concentrations reported in MW-6. For example, benzene was reported at a concentration of 160 μg/L in the groundwater sample collected from MW-6, and benzene was reported at a concentration of 5.7 μg/L in MW-8.

Although the full suite of PAHs was analyzed for this sampling event, none of the PAH COPCs for groundwater were detected above laboratory reporting limits.

The groundwater sample collected from MW-6, as well as the associated field duplicate sample collected from this well, was reported to contain concentrations of naphthalene (73 μg/L and 68 μg/L, respectively) above the TOGS 1.1.1 Class GA SCG for naphthalene (10 μg/L).

Additional PAHs (i.e., naphthalene, anthracene, acenaphthene, acenaphthylene, fluorene, fluoranthene, pyrene, phenanthrene, and 2-methylnaphthalene) were reported in the groundwater samples collected and analyzed during this sampling event. The reported concentrations were all below their respective TOGS 1.1.1 Class GA SCGs.

A time series plot of the COPC concentrations depicting trends over time is provided as Appendix B.

Consistent with previous sampling events, DNAPL was encountered in MW-5.

In addition to the annual groundwater sampling event, NAPL gauging in MW-5 was performed on October 21, 2024, to determine if NAPL is accumulating in the well during the reporting period. Dense non-aqueous phase liquid (DNAPL) was found to be present in the well. The DNAPL thickness was measured and then DNAPL was removed and collected using a stainless-steel bailer. A letter report was provided to NYSDEC under separate cover (i.e., the *23rd Post Remediation NAPL Gauging and Collection Event, October 2024* letter report, prepared by NEU-VELLE and dated March 17, 2025), and a summary table with the gauging observations and field measurements is provided in Table 2.

As described above, the frequency of sampling was reduced from semi-annually to annually and the number of wells sampled was reduced from seven to four (MW-4, MW-6, MW-7, and MW-8) for a three-year period starting in autumn of 2023. The quarterly NAPL gauging at MW-5 was reduced to an annual basis to be performed in conjunction with the annual groundwater sampling event. The frequency of groundwater monitoring and recovery of NAPL will only be modified with approval of the NYSDEC.

4. IC/EC Plan Compliance

4.1 IC/EC Requirements

ICs include the following:

- The property may be used for non-residential, *i.e.*, Commercial Uses as described in Part 375-1.8(g)(2)(iii) and Industrial Uses as described in Part 375-1.8(g)(2)(iv);
- The current cover materials at the Site (*i.e.*, parking area, access road, sidewalks, maintained vegetated areas, *etc.*) will be periodically inspected and maintained.
- The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or Livingston County DOH to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department.
- Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;
- Data and information pertinent to Site management must be reported at the frequency and in a manner as defined in the SMP;
- All future activities that will disturb remaining MGP contaminated material must be conducted in accordance with the SMP;
- Monitoring to assess the effectiveness of the remedy must be performed as defined in the SMP;
- Operation, maintenance, monitoring, inspection, and reporting of the physical components of the remedy shall be performed as defined in the SMP;
- Access to the Site must be provided to agents, employees, or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the Deed Restriction.
- The potential for vapor intrusion by residual MGP contamination must be evaluated for any buildings developed on the Site within the IC boundaries noted on Figure 2, and any potential impacts that are identified must be monitored or mitigated; and
- Vegetable gardens and farming on the Site are prohibited.

The Site ECs are the surface covers as described in Section 3 above and in the SMP. The surface covers will be maintained to eliminate potential exposure to remaining MGP contamination at the Site.

4.2 IC/EC Compliance

The NYSDEC-approved SMP is in place. All required inspections were performed in accordance with the SMP. All Site restrictions have been complied with during this reporting period.

4.3 IC/EC Certification

The IC/EC Certification is included in Appendix C.

5. Inspection Plan Compliance

5.1 Inspection Requirements

The inspection requirements as specified in the SMP are presented in Section 3.

5.2 Inspection Compliance

The inspections were conducted in accordance with the SMP.

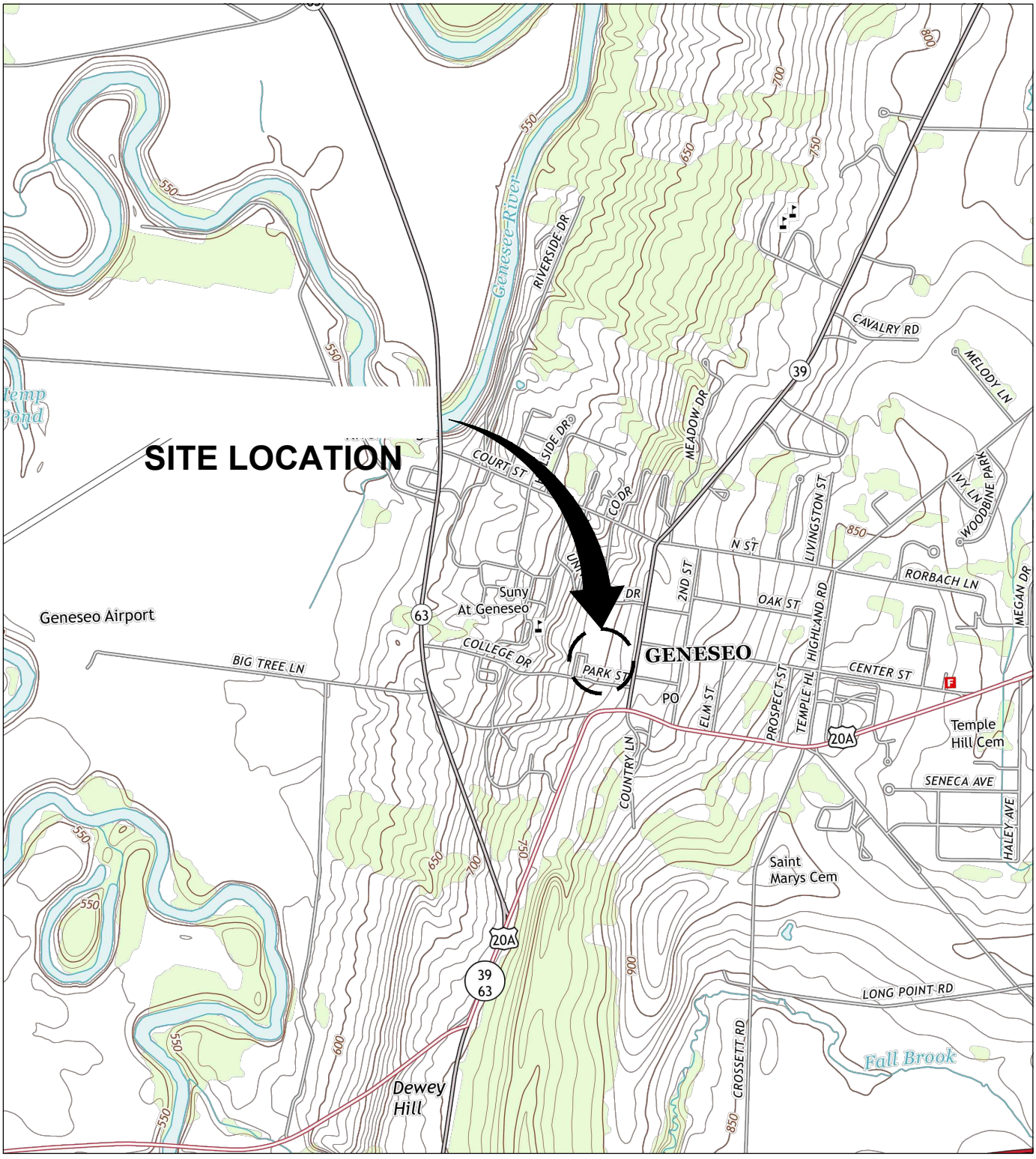
6. Conclusions and Recommendations

Each component of the SMP was complied with:

- ICs/ECs have been in place and effective, and
- Inspections were performed as required.

Based upon the inspections and compliance with the SMP, the Site remedy continues to meet the remedial objectives set forth. RG&E will continue to conduct inspections, groundwater monitoring, and NAPL removal from the specified monitoring well (MW-5) on an annual frequency.

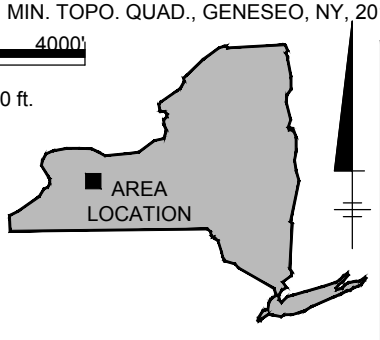
Figures



REFERENCE: BASE MAP USGS 7.5. MIN. TOPO. QUAD., GENESEO, NY, 2013

0 2000' 4000'

Approximate Scale: 1 in. = 2000 ft.

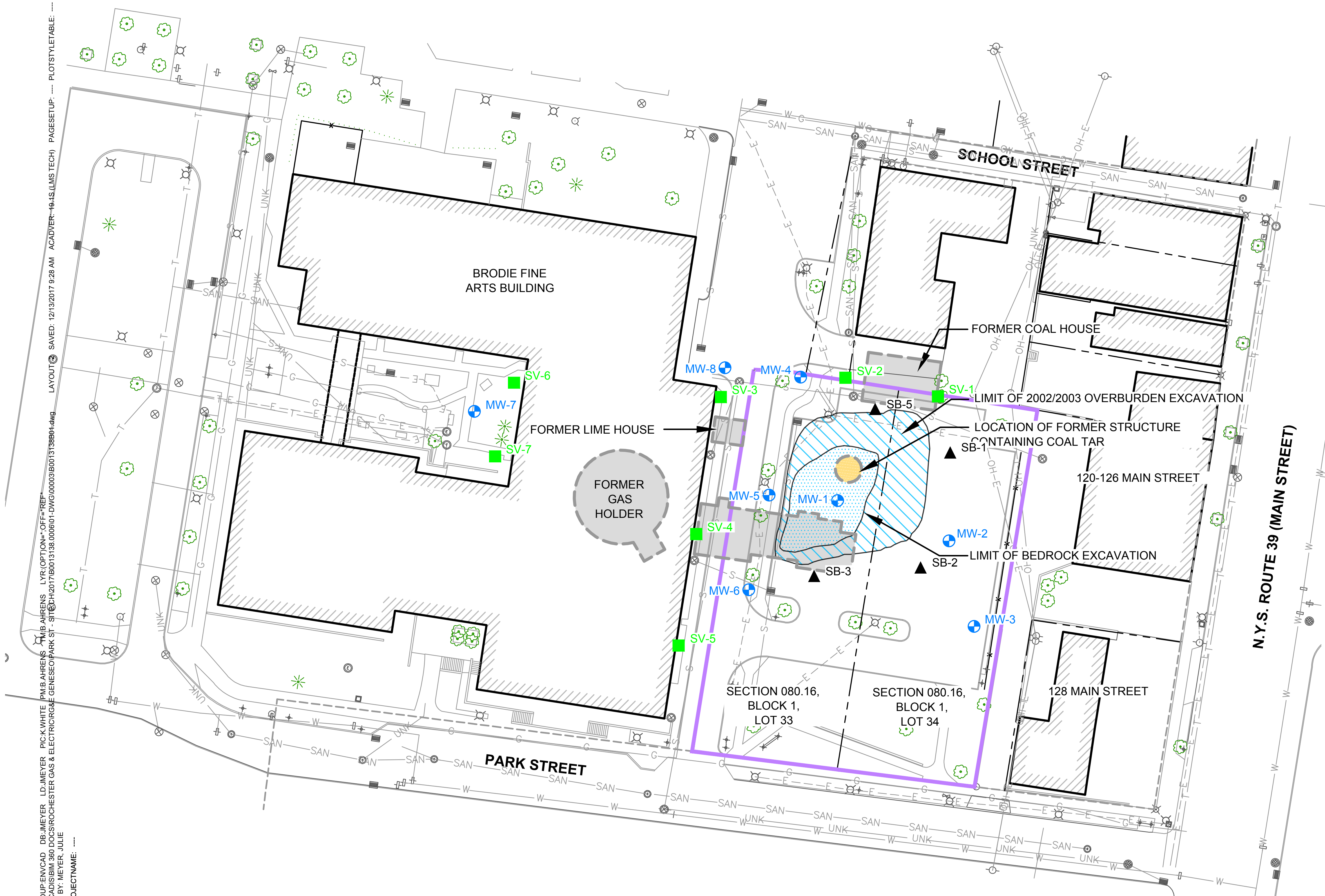


ROCHESTER GAS & ELECTRIC
PARK STREET FORMER MGP SITE
SITE MANAGEMENT PLAN

SITE LOCATION MAP

ARCADIS Design & Consultancy for natural and built assets

FIGURE 1



LEGEND:

- PROPERTY LINE
- RIGHT–OF–WAY LINE
- BUILDING LINE
- FENCE LINE
- VEGETATION
- SANITARY SEWER LINE
- STORM SEWER LINE
- WATER LINE
- OVERHEAD ELECTRIC LINE
- UNDERGROUND ELECTRIC LINE
- NATURAL GAS LINE
- OVERHEAD TELEPHONE & CABLE LINE
- TELEPHONE & CABLE LINE
- UNKNOWN UTILITY
- FORMER MGP STRUCTURE
- LIMITS OF BEDROCK EXCAVATION
- LIMITS OF OVERBURDEN EXCAVATION
- FORMER STONE/BRICK STRUCTURE CONTAINING COAL TAR
- SOIL BORING LOCATION
- MONITORING WELL LOCATION
- SOIL VAPOR SAMPLE LOCATION
- SITE BOUNDARY AND INSTITUTIONAL CONTROL BOUNDARY

NOTES:

1. FORMER LOCATIONS OF GAS WORKS STRUCTURES FROM SANBORN LIBRARY, LLC 1906 MAP. LOCATIONS ARE APPROXIMATE.
2. LIMITS OF THE 2002/2003 OVERBURDEN EXCAVATION, BEDROCK EXCAVATION, AND LOCATIONS OF THE FORMER STRUCTURE CONTAINING COAL TAR FROM REPORT OF ACTIVITIES AT LL–LOT, SUNY GENESEO (2003). LOCATIONS ARE APPROXIMATE.

SOURCE:

1. BASEMAP INFORMATION PROVIDED BY FISHER ASSOCIATES, LLC. DATED JUNE, 2015. FILENAME: GENESEO TOPO.DWG. GEOREFERENCED TO NEW YORK STATE PLANE NAD83 COORDINATE SYSTEM.

0 60' 120'
GRAPHIC SCALE

ROCHESTER GAS & ELECTRIC
PARK STREET FORMER MGP SITE
SITE MANAGEMENT PLAN

SITE PLAN

ARCADIS Design & Consultancy for natural and built assets

FIGURE
2

Tables

Table 1 - Groundwater Sample Analytical Results

Well ID		NYSDEC TOGS 1.1.1	MW-4	MW-4	MW-4		MW-4	MW-4	MW-4		MW-4		MW-4	MW-4	MW-4	MW-4		MW-4
Sample ID			GEN-MW4	GEN-MW4-092818	GEN-MW4-051519	Duplicate-051519	GEN-MW4 102919	GEN-MW4-04222020	GEN-MW4-10282020	GEN-DUP-10282020	GEN-MW4-042821	GEN-DUP-042821	GEN-MW4-102921	GEN-MW4-052422	GEN-MW4-120422	MW-4-112923	GEN_DUP_102224	GEN_MW-4_102224
Lab Sample ID		Class GA[1]	181657-05	184501-06	192209-03	192209-05	195363-05	201703-07	205221-03	205221-04	211799-05	211799-04	214958-01	222457-06	R2211583-005	L2371088-03	L2371088-02	L2462178-02
Date Sampled	Units		4/23/2018	9/28/2018	5/15/2019		10/29/2019	4/22/2020	10/28/2020		4/28/2021		10/29/2021	5/24/2022	12/4/2022	11/29/2023	11/29/2023	10/22/2024
Volatiles																		
Benzene	µg/L	1	**0.857 J**	1 U	**0.547 J**	**1.04**	**0.841 J**	**0.828 J**	**0.852 J**	**0.949 J**	**2.56**	**2.51**	1.00 U M	**0.503 J**	5.0 U	0.5 U	0.5 U	**0.80**
Ethylbenzene	µg/L	5*	2 U	2 U	2 U	2 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U M	2.00 UJ	5.0 U	2.5 U	2.5 U	2.5 UJ
Toluene	µg/L	5*	2 U	2 U	2 U	2 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U M	2.00 UJ	5.0 U	2.5 U	2.5 U	2.5 U
Xylene (total)	µg/L	5*	**2.97**	**1.97 J**	**2.02**	**2.60**	**5.86 J**	**3.18**	**5.72 J**	**6.46 J**	**19.09**	**19.57**	**2.44**	**2.98 J**	5.0 U	2.5 U	2.5 U	**8.2 J**
Semi-Volatiles																		
Acenaphthene	µg/L	20	10 U	10 U	10 U	10 U	5.00 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.18 U	0.13 U	0.1 U	0.10 U
Acenaphthylene	µg/L	NS	10 U	10 U	10 U	10 U	5.00 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.18 U	0.13 U	0.1 U	0.10 U
Anthracene	µg/L	50	10 U	10 U	10 U	10 U	5.00 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.18 U	0.13 U	0.1 U	0.10 U
Benzo(a)anthracene	µg/L	0.002**	10 U	10 U	10 U	10 U	5.37 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.18 U	**0.03 J**	**0.02 J**	0.10 U
Benzo(a)pyrene	µg/L	ND	10 U	10 U	10 U	10 U	5.00 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 UJ	0.18 U	0.13 U	0.1 U	0.10 U
Benzo(b)fluoranthene	µg/L	0.002	10 U	10 U	10 U	10 U	5.00 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.18 U	0.13 UJ	0.1 U	0.10 U
Benzo(g,h,i)perylene	µg/L	NS	10 U	10 U	10 U	10 U	5.00 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.18 U	0.13 U	0.1 U	0.10 U
Benzo(k)fluoranthene	µg/L	0.002	10 U	10 U	10 U	10 U	5.70 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.18 U	0.13 U	0.1 U	0.10 U
Dibenzo(a,h)anthracene	µg/L	NS	10 U	10 U	10 U	10 U	5.00 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.18 U	0.13 UJ	0.1 U	0.10 U
Chrysene	µg/L	0.002	10 U	10 U	10 U	10 U	5.00 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.18 U	0.13 U	0.1 U	0.10 U
Fluoranthene	µg/L	50	10 U	10 U	10 U	10 U	5.00 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.18 U	0.13 U	0.1 U	0.10 U
Fluorene	µg/L	50	10 U	10 U	10 U	10 U	5.00 U	0.10 U	0.10 U	0.10 U	**0.04 J**	**0.04 J**	0.10 U	0.10 U	0.18 U	0.13 U	0.1 U	**0.05 J**
Indeno(1,2,3-cd) pyrene	µg/L	0.002**	10 U	10 U	10 U	10 U	5.10 U	0.10 U	0.10 UJ	0.10 UJ	0.10 U	0.10 U	0.10 U	0.10 U	0.18 U	0.13 UJ	0.1 U	0.10 U
Naphthalene	µg/L	10	10 U	10 U	10 U	10 U	6.03 U	**0.05 J**	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.18 U	0.13 UJ	0.10 UJ	0.10 UJ
Phenanthrene	µg/L	50	10 U	10 U	10 U	10 U	5.00 U	**0.02 J**	**0.02 J**	**0.02 J**	**0.04 J**	**0.04 J**	0.10 U	**0.03 J**	0.18 U	0.13 U	0.1 U	**0.04 J**
Pyrene	µg/L	50	10 U	10 U	10 U	10 U	5.00 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.18 U	0.13 U	0.10 U	0.10 U
2-Chloronapthalene	µg/L	10	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.26 U	0.20 U	0.20 U
2-Methylnaphthalene	µg/L	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.13 U	0.10 U	0.10 U

Notes:
µg/L = micrograms per liter
NT = Not Tested
NS = No Standard
NL = Not Listed
MDL = Method Detection Limit
D - Indicates that the concentration is a result of a dilution...
J - Indicates an estimated value. Result is below the Reporting Limit (Quantitation Limit), and/or the analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample. (The magnitude of any ± value associated with the result is not determined by data validation).
U - Indicates that the constituent was not detected at the reported detection limit.
M - Indicates "Matrix spike recoveries outside QC limits. Matrix bias indicated."
UJ - Indicates that "The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise."
Bolded value indicates that the compound was detected above laboratory minimum detection limit (includes estimated values below the reporting limit).
Bolded and highlighted value indicates that the compound was detected above its respective regulatory standard or guidance value.

[1]Class GA Drinking Water Standard or Guidance Value
ND = Non-detectable concentration by the approved analytical methods referenced in 6 NYCRR 700.3
*Principal Organic Contaminant Standard
**Class GA Guidance Value

Table 1 - Groundwater Sample Analytical Results

Well ID		NYSDEC TOGS 1.1.1 Class GA[1]	MW-6		MW-6	MW-6	MW-6	MW-6	MW-6	MW-6	MW-6	MW-6	MW-6		MW-6	MW-6	
Sample ID			GEN-MW6	GEN- FIELD DUPE	GEN-MW6-092918	GEN-MW6-051619	GEN-MW6-103019	GEN-MW6-04222020	GEN-MW6-10312020	GEN-MW6-050321	GEN-MW6-103121	GEN-MW6-052522	GEN-MW6-120622	GEN-SVDUP-120622	MW-6-112923	GEN_MW-6_102224	GEN_DUP_102224
Lab Sample ID			181657-08	181657-09	184501-09	192209-06	195363-08	201703-08	205240-04	211855-02	214958-06	222457-07	R2211583-008	R2211583-009	L2371088-01	L2462178-01	L2462178-04
Date Sampled	Units		4/24/2018		9/29/2018	5/16/2019	10/30/2019	4/22/2020	10/31/2020	5/3/2021	10/31/2021	5/25/2022	12/6/2022		11/29/2023	10/22/2024	
Volatiles																	
Benzene	µg/L	1	**147**	**150**	**170**	**148**	**198**	**161**	**249**	**97.4**	**178**	**164 J**	**170**	NT	**150**	**160**	**150**
Ethylbenzene	µg/L	5*	**31.5**	**32.5**	**35.8**	**22.5**	**32.6**	**26.1**	**39.6**	**22.1**	**32.6**	**46.7 J**	**47**	NT	**42**	**46 J**	**43 J**
Toluene	µg/L	5*	**51.5**	**53.1**	**62.7**	**71.8**	**84.9**	**72.4**	**79.7**	**19.4**	**33.8**	**49.8 J**	**47**	NT	**33**	**24**	**23**
Xylene (total)	µg/L	5*	**107.3**	**108.9**	**116.2**	**125.6**	**114.7**	**144.0**	**126.6**	**57.6**	**86.8**	**104.2 J**	**110**	NT	**102**	**92**	**88**
Semi-Volatiles																	
Acenaphthene	µg/L	20	20 U	20 U	20 U	20 U	25.0 U	**1.7 J**	**1.8 J**	**1.2**	**1.7**	**2.9**	**2.2**	**3.4**	**3.2**	**3.2**	**2.8**
Acenaphthylene	µg/L	NS	**25.1**	**25.3**	**22.2**	**21.4**	**34.9**	**24**	**24**	**14**	**18**	**29 E**	**14**	**36 D**	**26**	**21**	**19**
Anthracene	µg/L	50	20 U	20 U	20 U	20 U	25.0 U	2.0 U	2.0 U	1.0 U	**0.46 J**	**0.42**	**0,48**	**0.58**	**0.49 J**	**0.45**	**0.40**
Benzo(a)anthracene	µg/L	0.002**	10 U	20 U	20 U	20 U	26.8 U	2.0 U	2.0 U	1.0 U	1.0 U	0.05 UJ	0.19 U	0.18 U	0.5 U	0.10 U	0.10 U
Benzo(a)pyrene	µg/L	ND	10 U	20 U	20 U	20 U	25.0 U	2.0 U	2.0 U	1.0 U	1.0 U	0.10 UJ	0.19 U	0.18 U	0.5 U	0.10 U	0.10 U
Benzo(b)fluoranthene	µg/L	0.002	20 U	20 U	20 U	20 U	25.0 U	2.0 U	2.0 U	1.0 U	1.0 U	0.10 U	0.19 U	0.18 U	0.5 U	0.10 U	0.10 U
Benzo(g,h,i)perylene	µg/L	NS	20 U	20 U	20 U	20 U	25.0 U	2.0 U	2.0 U	1.0 U	1.0 U	0.10 U	0.19 U	0.18 U	0.5 U	0.10 U	0.10 U
Benzo(k)fluoranthene	µg/L	0.002	20 U	20 U	20 U	20 U	28.5 U	2.0 U	2.0 U	1.0 U	1.0 U	0.10 U	0.19 U	0.18 U	0.5 U	0.10 U	0.10 U
Dibenzo(a,h)anthracene	µg/L	NS	20 U	20 U	20 U	20 U	25.0 U	2.0 U	2.0 U	1.0 U	1.0 U	0.10 U	0.19 U	0.18 U	0.5 U	0.10 U	0.10 U
Chrysene	µg/L	0.002	20 U	20 U	20 U	20 U	25.0 U	2.0 U	2.0 U	1.0 U	1.0 U	0.10 U	0.19 U	0.18 U	0.5 U	0.10 U	0.10 U
Fluoranthene	µg/L	50	20 U	20 U	20 U	20 U	25.0 U	2.0 U	2.0 U	1.0 U	1.0 U	**0.05 J**	0.19 U	0.18 U	0.5 U	**0.12**	**0.13**
Fluorene	µg/L	50	20 U	20 U	20 U	20 U	25.0 U	**3.9**	**3.8**	**2.6**	**4.0**	**5.5**	**4.4**	**6.5**	**6.4**	**4.6**	**4.2**
Indeno(1,2,3-cd) pyrene	µg/L	0.002**	10 U	20 U	20 U	20 U	25.5 U	2.0 U	2.0 UJ	1.0 U	1.0 U	0.10 UJ	0.19 U	0.18 U	0.5 U	0.10 U	0.10 U
Naphthalene	µg/L	10	**279**	**299**	**273**	**283**	**486**	**260**	**250**	**110**	**170**	**200 E**	**150 D**	**240 D**	**200**	**73 D**	**68 D**
Phenanthrene	µg/L	50	20 U	20 U	20 U	20 U	25.0 U	**1.7 J**	**1.5 J**	**0.90 J**	**1.6 J**	**1.9**	**2.3**	**2.9**	**2.7**	**2.4**	**2.2**
Pyrene	µg/L	50	20 U	20 U	20 U	20 U	25.0 U	2.0 U	2.0 U	1.0 U	1.0 U	0.10 U	0.19 U	0.18 U	0.5 U	**0.06 J**	**0.07 J**
2-Chloronaphthalene	µg/L	10	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1 U	0.20 U	0.20 U
2-Methylnaphthalene	µg/L	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	**0.17 J**	**0.04 J**	**0.05 J**

Notes:
µg/L = micrograms per liter
NT = Not Tested
NS = No Standard
NL = Not Listed
MDL = Method Detection Limit
D - Indicates that the concentration is a result of a dilution...
E - Indicates "Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument."
J - Indicates an estimated value. Result is below the Reporting Limit (Quantitation Limit), and/or the analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample. (The magnitude of any ± value associated with the result is not determined by data validation).
U - Indicates that the constituent was not detected at the reported detection limit.
UJ - Indicates that "The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise."
Bolded value indicates that the compound was detected above laboratory minimum detection limit (includes estimated values below the reporting limit).
Bolded and highlighted value indicates that the compound was detected above its respective regulatory standard or guidance value.
[1]Class GA Drinking Water Standard or Guidance Value
ND = Non-detectable concentration by the approved analytical methods referenced in 6 NYCRR 700.3
*Principal Organic Contaminant Standard
**Class GA Guidance Value

Table 1 - Groundwater Sample Analytical Results

Well ID		NYSDEC TOGS 1.1.1	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7
Sample ID			GEN-MW7	GEN-MW7-092618	GEN-MW7-051719	GEN-MW7-103119	GEN-MW7-04222020	GEN-MW7-10302020	GEN-MW7-050321	GEN-MW7-110121	GEN-MW7-052622	GEN-MW7-120622	MW7-120123	GEN_MW-7_102224
Lab Sample ID		Class GA[1]	181657-07	184501-01	192209-09	195363-10	201703-09	205240-01	211855-03	214958-09	222457-09	R2211583-010	L2371088-04	L2462178-05
Date Sampled	Units		4/24/2018	9/26/2018	5/17/2019	10/31/2019	4/22/2020	10/30/2020	5/3/2021	11/1/2021	5/26/2022	12/6/2022	12/1/2023	10/22/2024
Volatiles														
Benzene	µg/L	1	1 U	**0.606 J**	1 U	**0.951 J**	1.00 U	**0.729 J**	1.00 U	1.00 U	1.00 U	5.0 U	**0.78**	**1.0**
Ethylbenzene	µg/L	5*	2 U	2 U	2 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5.0 U	2.5 U	2.5 UJ
Toluene	µg/L	5*	2 U	2 U	2 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5.0 U	2.5 U	**0.91 J**
Xylene (total)	µg/L	5*	2 U	**1.65 J**	2 U	**2.0**	2.00 U	**1.00 J**	2.00 U	2.00 U	2.00 U	5.0 U	**1.4 J**	**4.3 J**
Semi-Volatiles														
Acenaphthene	µg/L	20	10 U	10 U	10 U	5.00 U	0.10 U	0.10 U	0.10 U	0.10 U	0.11 U	0.18 U	0.10 UJ	0.10 U
Acenaphthylene	µg/L	NS	10 U	10 U	10 U	5.00 U	0.10 U	0.10 U	0.10 U	0.10 U	0.11 U	0.18 U	**0.02 J**	0.10 U
Anthracene	µg/L	50	10 U	10 U	10 U	5.00 U	0.10 U	0.10 U	0.10 U	0.10 U	0.11 U	0.18 U	0.10 UJ	0.10 U
Benzo(a)anthracene	µg/L	0.002**	10 U	10 U	10 U	5.37 U	0.10 U	0.10 U	0.10 U	**0.02 J**	0.11 U	0.18 U	0.1 U	0.10 U
Benzo(a)pyrene	µg/L	ND	10 U	10 U	10 U	5.00 U	0.10 U	0.10 U	0.10 U	0.10 U	0.11 UJ	0.18 U	0.1 U	0.10 U
Benzo(b)fluoranthene	µg/L	0.002	10 U	10 U	10 U	5.00 U	0.10 U	0.10 U	0.10 U	**0.02 J**	0.11 U	0.18 U	**0.02 J**	0.10 U
Benzo(g,h,i)perylene	µg/L	NS	10 U	10 U	10 U	5.00 U	0.10 U	0.10 U	0.10 U	0.10 U	0.11 U	0.18 U	**0.03 J**	0.10 U
Benzo(k)fluoranthene	µg/L	0.002	10 U	10 U	10 U	5.70 U	0.10 U	0.10 U	0.10 U	0.10 U	0.11 U	0.18 U	**0.02 J**	0.10 U
Dibenzo(a,h)anthracene	µg/L	NS	10 U	10 U	10 U	5.00 U	0.10 U	0.10 U	0.10 U	0.10 U	0.11 U	0.18 U	**0.02 J**	0.10 U
Chrysene	µg/L	0.002	10 U	10 U	10 U	5.00 U	0.10 U	0.10 U	0.10 U	0.10 U	0.11 U	0.18 U	**0.01 J**	0.10 U
Fluoranthene	µg/L	50	10 U	10 U	10 U	5.00 U	0.10 U	0.10 U	0.10 U	0.10 U	0.11 U	0.18 U	0.1 U	0.10 U
Fluorene	µg/L	50	10 U	10 U	10 U	5.00 U	0.10 U	0.10 U	0.10 U	0.10 U	0.11 U	0.18 U	0.10 UJ	0.10 U
Indeno(1,2,3-cd) pyrene	µg/L	0.002**	10 U	10 U	10 U	5.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.11 UJ	0.18 U	**0.03 J**	0.10 U
Naphthalene	µg/L	10	10 U	10 U	10 U	6.03 U	0.10 U	**0.07 J**	0.10 U	0.10 U	0.11 U	0.18 U	**0.12 J**	**0.12 J**
Phenanthrene	µg/L	50	10 U	10 U	10 U	5.00 U	**0.02 J**	**0.02 J**	**0.02 J**	**0.02 J**	**0.03 J**	0.18 U	0.10 UJ	**0.05 J**
Pyrene	µg/L	50	10 U	10 U	10 U	5.00 U	0.10 U	0.10 U	0.10 U	0.10 U	0.11 U	0.18 U	0.1 U	0.10 U
2-Chloronapthalene	µg/L	10	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.20 UJ	0.20 U
2-Methylnaphthalene	µg/L	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	**0.17 J**	**0.17**

Notes:
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J - Indicates an estimated value. Result is below the Reporting Limit (Quantitation Limit)
U - Indicates that the constituent was not detected at the reported detection limit.
UJ - Indicates that "The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise."
Bolded value indicates that the compound was detected above laboratory minimum detection limit (includes estimated values below the reporting limit).
Bolded and highlighted value indicates that the compound was detected above its respective regulatory standard or guidance value.
[1]Class GA Drinking Water Standard or Guidance Value
ND = Non-detectable concentration by the approved analytical methods referenced in 6 NYCRR 700.3
*Principal Organic Contaminant Standard
**Class GA Guidance Value

Table 1 - Groundwater Sample Analytical Results

Well ID		NYSDEC TOGS 1.1.1	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8
Sample ID			GEN-MW8	GEN-MW8-092818	GEN-MW8-051619	GEN-MW8-102919	GEN-MW8-04212020	GEN-MW8-10282020	GEN-MW8-050321	GEN-MW8-110121	GEN-MW8-052522	GEN-MW8-120522	MW8-120623	GEN_MW-8_102224
Lab Sample ID		Class GA[1]	181657-06	184501-04	192209-07	195363-07	201703-06	205221-02	211855-01	214958-08	222457-08	R2211583-006	L2372291-01	L2462178-03
Date Sampled	Units		4/23/2018	9/28/2018	5/16/2019	10/29/2019	4/21/2020	10/28/2020	5/3/2021	11/1/2021	5/25/2022	12/5/2022	12/6/2023	10/22/2024
Volatiles														
Benzene	µg/L	1	**8.93**	**8.08**	**6.00**	**5.50**	**2.28**	**3.59**	**2.54**	**3.37**	**1.88 J**	25 U	**2.2**	**5.7**
Ethylbenzene	µg/L	5*	**7.3**	**7.08**	**5.84**	**5.64**	**2.68**	**2.60**	**2.52**	**2.32**	**3.08 J**	25 U	**2.3 J**	**7 J**
Toluene	µg/L	5*	**2.76**	**5.78**	**4.99**	**5.21**	**2.24**	**3.76**	**1.49 J**	**1.44 J**	**2.00 J**	25 U	**2.2 J**	**0.96 J**
Xylene (total)	µg/L	5*	**3.85**	**11.77**	**8.26**	**9.45**	**6.28**	**8.19**	**5.88**	**6.58**	**8.98 J**	25 U	**9.2**	**16.1**
Semi-Volatiles														
Acenaphthene	µg/L	20	10 U	10 U	10 U	5.00 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.18 U	0.10 U	0.10 U
Acenaphthylene	µg/L	NS	10 U	10 U	10 U	5.00 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.18 U	0.10 U	0.10 U
Anthracene	µg/L	50	10 U	10 U	10 U	5.00 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.18 U	0.10 U	0.10 U
Benzo(a)anthracene	µg/L	0.002**	10 U	10 U	10 U	5.37 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 UJ	0.18 U	0.10 U	0.10 U
Benzo(a)pyrene	µg/L	ND	10 U	10 U	10 U	5.00 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 UJ	0.18 U	0.10 U	0.10 U
Benzo(b)fluoranthene	µg/L	0.002	10 U	10 U	10 U	5.00 U	**0.02 J**	0.10 U	0.10 U	0.10 U	0.10 U	0.18 U	0.10 U	0.10 U
Benzo(g,h,i)perylene	µg/L	NS	10 U	10 U	10 U	5.00 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.18 U	0.10 U	0.10 U
Benzo(k)fluoranthene	µg/L	0.002	10 U	10 U	10 U	5.70 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.18 U	0.10 U	0.10 U
Dibenzo(a,h)anthracene	µg/L	NS	10 U	10 U	10 U	5.00 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.18 U	0.10 U	0.10 U
Chrysene	µg/L	0.002	10 U	10 U	10 U	5.00 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.18 UJ	0.10 U	0.10 U
Fluoranthene	µg/L	50	10 U	10 U	10 U	5.00 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.18 U	0.10 U	0.10 U
Fluorene	µg/L	50	10 U	10 U	10 U	5.00 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.18 U	0.10 U	**0.05 J**
Indeno(1,2,3-cd) pyrene	µg/L	0.002**	10 U	10 U	10 U	5.10 U	0.10 U	0.10 UJ	0.10 U	0.10 U	0.10 UJ	0.18 U	0.10 U	0.10 U
Naphthalene	µg/L	10	10 U	10 U	10 U	6.03 U	0.10 U	0.10 U	**0.09 J**	**0.22**	0.10 U	**0.61**	**0.05 J**	**0.41 J**
Phenanthrene	µg/L	50	10 U	10 U	10 U	5.00 U	0.10 U	0.10 U	0.10 U	**0.04 J**	0.10 U	0.18 U	0.10 U	**0.06 J**
Pyrene	µg/L	50	10 U	10 U	10 U	5.00 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.18 U	0.10 U	0.10 U
2-Chloronapthalene	µg/L	10	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.20 U	0.20 U
2-Methylnaphthalene	µg/L	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.10 U	**0.38**

Notes:
µg/L = micrograms per liter
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MDL = Method Detection Limit
D - Indicates that the concentration is a result of a dilution...
J - Indicates an estimated value. Result is below the Reporting Limit (Quantitation Limit), and/or the analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample (The magnitude of any ± value associated with the result is not determined by data validation).
U - Indicates that the constituent was not detected at the reported detection limit.
UJ - Indicates that "The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be be inaccurate or imprecise."
Bolded value indicates that the compound was detected above laboratory minimum detection limit (includes estimated values below the reporting limit).
Bolded and highlighted value indicates that the compound was detected above its respective regulatory standard or guidance value.
[1]Class GA Drinking Water Standard or Guidance Value
ND = Non-detectable concentration by the approved analytical methods referenced in 6 NYCRR 700.3
*Principal Organic Contaminant Standard
**Class GA Guidance Value

Table 2

DNAPL MEASUREMENTS
RG&E - Park Street Site - Geneseo, New York
Quarterly DNAPL Summary

Well ID	Date of Monitoring NAPL	TOC Elevation (ft AMSL)	Depth to Water (ft bgs)	DNAPL Depth (ft bgs) Before Removal	DNAPL Thickness (ft) Before Removal	DNAPL Depth (ft bgs) After Removal	DNAPL Thickness (ft) After Removal	DNAPL Removal Volume (gal)	Total Well Depth (ft bgs)
				DNAPL					
MW5	4/23/2018	757.82	18.52	33.23	1.67	34.51	0.39	0.21	34.90
	7/30/2018	757.82	17.71	33.97	0.93	34.54	0.36	0.09	34.90
	9/24/2018	757.82	18.02	33.30	1.6	NM	NM	Negligible	34.90
	1/25/2019	757.82	17.90	33.50	1.4	NM	NM	0.2	34.90
	5/20/2019	757.82	16.82	34.65	0.25	NM	NM	±0.05	34.90
	7/25/2019	757.82	17.63	34.68	0.22	NM	NM	±0.05	34.90
	11/11/2019	757.82	17.03	34.70	0.20	NM	NM	±0.05	34.90
	1/27/2020	757.82	17.83	34.65	0.25	NM	NM	±0.05	34.90
	4/23/2020	757.82	18.06	34.70	0.20	NM	NM	±0.05	34.90
	7/23/2020	757.82	18.78	34.75	0.15	NM	NM	±0.05	34.90
	11/4/2020	757.82	18.75	34.75	0.15	NM	NM	±0.05	34.90
	1/14/2021	757.82	18.37	34.75	0.15	NM	NM	±0.05	34.90
	5/6/2021	757.82	18.02	34.75	0.15	NM	NM	±0.05	34.90
	7/26/2021	757.82	17.10	34.75 to ±34.70	0.15 to ±0.20	NM	NM	±0.05	34.90
	11/3/2021	757.82	19.28	34.75 to ±34.70	0.15 to ±0.20	NM	NM	±0.05	34.90
	1/31/2022	757.82	19.39	±34.70	±0.20	NM	NM	±0.10	34.90
	5/31/2022	757.82	17.46	±34.73	±0.17	NM	NM	±0.05	34.90
	11/30/2022	757.82	18.80	±34.76	±0.14	NM	NM	±0.05	34.90
	1/30/2023	757.82	17.64	±34.725	±0.175	NM	NM	±0.05	34.90
	5/31/2023	757.82	NM	±34.733	±0.167	NM	NM	±0.01	34.90
	7/27/2023	757.82	23.70	±34.733	±0.167	NM	NM	±0.01	34.90
	12/1/23	757.82	24.30	±34.733	N/A	NM	NM	±0.05	34.90
	10/21/24	757.82	15.81	±34.81	±0.09	NM	NM	±0.05	34.90

Notes:

1. ft AMSL = Feet above mean sea level.
2. bgs = below ground surface
3. NM = Not Measured
4. DNAPL = dense non-aqueous phase liquid

Appendix A

2025 Site Inspection Form and Photographic Log

Site Inspection Form

Park Street Former MGP Site - Geneseo, New York

Date/Time: 10/31/2025 ± 11:00

Weather: Cloudy

Personnel: Kyle R. Miller
Neu-Velle LLC

Temperature: ± 45° F

General Requirements

Photographs will be attached to document the condition of each inspection item identified below. A written description of any item(s) that is considered to be in poor condition is required.

1. General Site Conditions:

Monitoring wells	☒ Good	☐ Poor*
Cover Areas (Pavement)	☒ Good	☐ Poor*
Cover Areas (Sidwalk)	☒ Good	☐ Poor*
Cover Areas (Grass/Landscaping)	☒ 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 Asphal/Sidewalk	☒ No	☐ Yes*
Vegetative Growth (Other than grass/landscaped areas)	☒ No	☐ Yes*
Evidence of Settlement	☒ No	☐ Yes*
Sedimentation	☒ No	☐ Yes*
Damage/Failure	☒ No	☐ Yes*

3. Notes:

All impervious cover (asphalt and concrete sidewalks) and landscaped areas appear in good condition and well-maintained. Should consider raising the well head on monitoring well MW-8 to meet the surrounding asphalt pavement elevation.

Site Inspection Photographs– October 2025
RG&E Park Street Former MGP Site, Geneseo, NY

Looking East at the Entrance to and Southern Side of Parking Lot L

Looking West at the Asphalt Cover on the Southern Side of Parking Lot L

Site Inspection Photographs– October 2025
RG&E Park Street Former MGP Site, Geneseo, NY

Looking North Along the Eastern Edge of Parking Lot L

MW-8 Well Head in In the Asphalt Cover Near the Brodie Fine Arts Building

Site Inspection Photographs– October 2025
RG&E Park Street Former MGP Site, Geneseo, NY

Looking East at the Asphalt Cover on the Northern Side of Parking Lot L

Looking North at the Asphalt Cover on the Western Side of Parking Lot L

Site Inspection Photographs– October 2025
RG&E Park Street Former MGP Site, Geneseo, NY

Looking Northwest Across Parking Lot L

Looking South at the Western Sidewalk, Landscaping, and Parking Lot L

Site Inspection Photographs– October 2025
RG&E Park Street Former MGP Site, Geneseo, NY

Looking North at Sidewalk and Landscaping near MW-4

Looking South at the Landscaped Area Near the Southwestern Corner of Parking Lot L

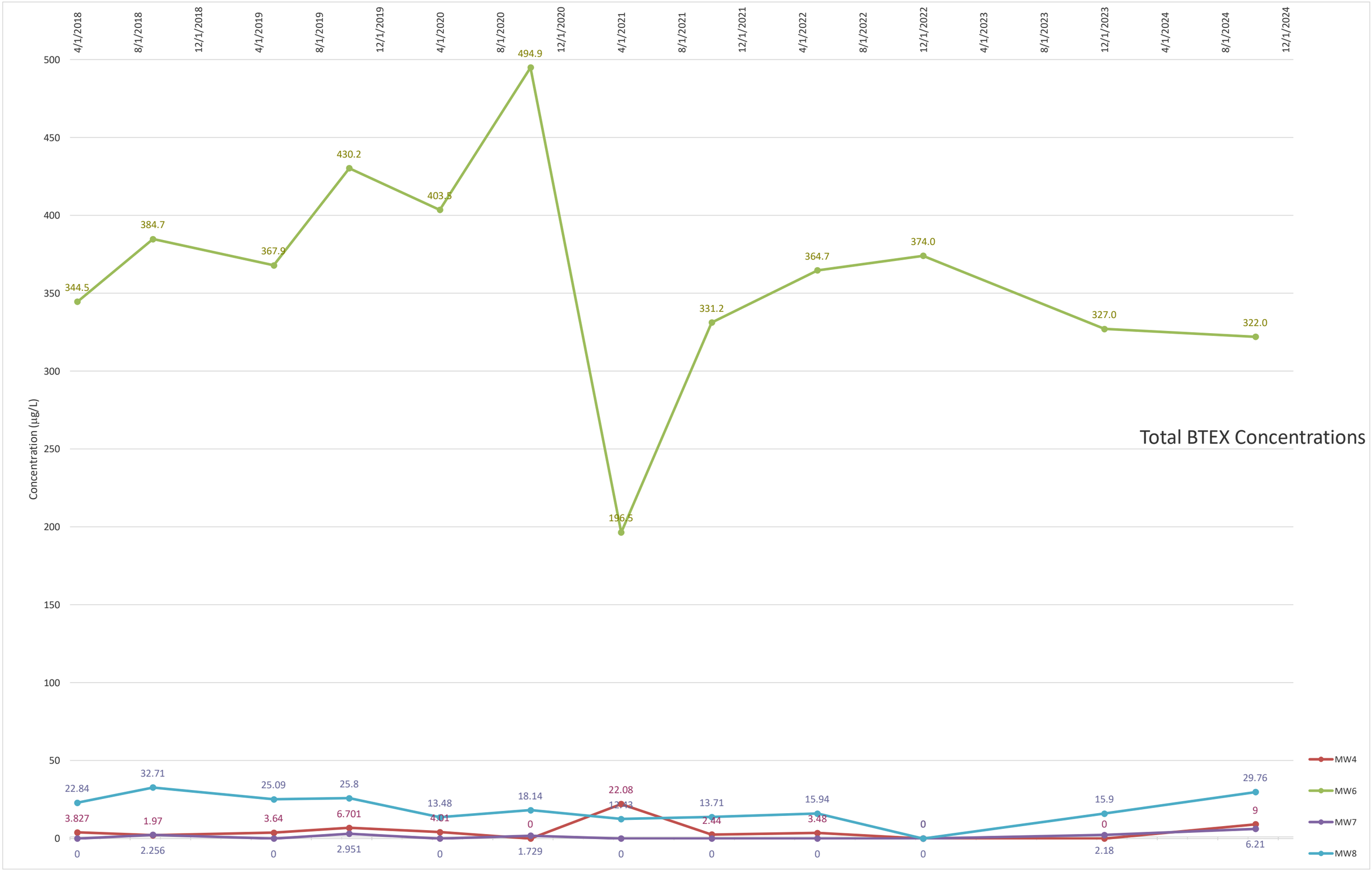
Site Inspection Photographs– October 2025
RG&E Park Street Former MGP Site, Geneseo, NY

MW-8 (circled) and Nearby Drainage Inlets – Viewing Northwest

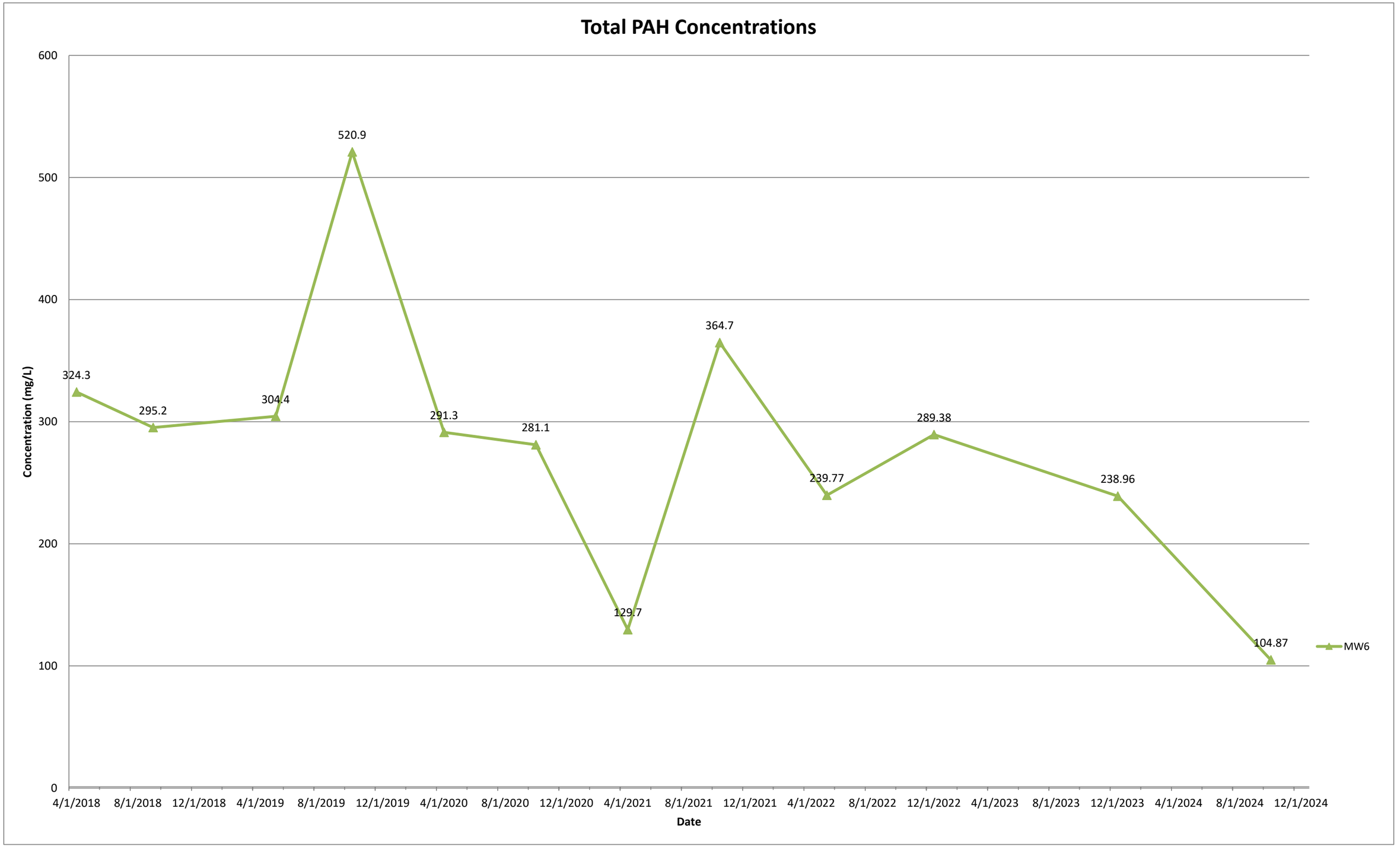
Looking South at the Landscaped Area Near the Northwestern Corner of Parking Lot L

Appendix B

Time Series Plot of COPCs


Total BTEX Concentrations
Concentration (µg/L)
500
450
400
350
300
250
200
150
100
50
0
4/1/2018
8/1/2018
12/1/2018
4/1/2019
8/1/2019
12/1/2019
4/1/2020
8/1/2020
12/1/2020
4/1/2021
8/1/2021
12/1/2021
4/1/2022
8/1/2022
12/1/2022
4/1/2023
8/1/2023
12/1/2023
4/1/2024
8/1/2024
12/1/2024
344.5
384.7
367.9
430.2
403.5
494.9
196.5
331.2
364.7
374.0
327.0
322.0
MW4
MW6
MW7
MW8

Total PAH Concentrations



Appendix C

Institutional and Engineering Controls Certification Form

Enclosure 2

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. **V00731**

Site Name RGE Geneseo-Park St MGP

Site Address: 4 and 6 Park Street Zip Code: 14454
City/Town: Geneseo
County: Livingston
Site Acreage: 0.778

Reporting Period: November 01, 2024 to November 01, 2025

	YES	NO
1. Is the information above correct?	X	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	X
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	X
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	X
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	X

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Restricted-Residential, Commercial, and Industrial	X	☐
7. Are all ICs in place and functioning as designed?	X	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative Date

SITE NO. V00731 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
	Charles Reyes, SUNY Geneseo EHS	Ground Water Use Restriction Soil Management Plan Landuse Restriction Monitoring Plan Site Management Plan IC/EC Plan

Box 4

Description of Engineering Controls

Parcel	Engineering Control
	Cover System Monitoring Wells

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
X	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

   (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
X	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. V00731

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Albert G. Lyons, Jr at Lyons Engineering DPC, 10 Jones Ave, Rochester, NY 14608,
print name print business address

am certifying as Owner Representative (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Albert G Lyons 12/1/25
Signature of Owner, Remedial Party, or Designated Representative Rendering Certification Date

EC CERTIFICATIONS

Box 7

Professional Engineer Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Albert G. Lyons, Jr (print name) at Lyons Engineering, DPC, 10 Jones Ave, Rochester, NY 14608 (print business address),

am certifying as a Professional Engineer for the Owner (Owner or Remedial Party)

Albert G Lyons — 12/1/25

Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification | Stamp (Required for PE) | Date

Exhibit A

Groundwater Sampling Event Laboratory Report

ANALYTICAL REPORT

Lab Number:	L2462178
Client:	Neu-Velle, LLC 10 Jones Avenue Rochester, NY 14608
ATTN:	Logan Reid
Phone:	(585) 478-3167
Project Name:	RGE GENESEO
Project Number:	Not Specified
Report Date:	10/31/24

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: RGE GENESEO
Project Number: Not Specified

Lab Number: L2462178
Report Date: 10/31/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2462178-01	GEN_MW-6_102224	WATER	Not Specified	10/22/24 09:40	10/24/24
L2462178-02	GEN_MW-4_102224	WATER	Not Specified	10/22/24 10:50	10/24/24
L2462178-03	GEN_MW-8_102224	WATER	Not Specified	10/22/24 12:20	10/24/24
L2462178-04	GEN_DUP_102224	WATER	Not Specified	10/22/24 00:00	10/24/24
L2462178-05	GEN_MW-7_102224	WATER	Not Specified	10/23/24 12:10	10/24/24
L2462178-06	GEN_EB_102324	WATER	Not Specified	10/23/24 12:30	10/24/24
L2462178-07	TRIP BLANK	WATER	Not Specified	10/22/24 00:00	10/24/24

Project Name:	RGE GENESEO	**Lab Number:**	L2462178
Project Number:	Not Specified	**Report Date:**	10/31/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: RGE GENESEO
Project Number: Not Specified

Lab Number: L2462178
Report Date: 10/31/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly O'Neill

Title: Technical Director/Representative

Date: 10/31/24

ORGANICS

VOLATILES

Project Name: RGE GENESEO
Project Number: Not Specified
Lab Number: L2462178
Report Date: 10/31/24

SAMPLE RESULTS

Lab ID: L2462178-01
Client ID: GEN_MW-6_102224
Sample Location: Not Specified
Date Collected: 10/22/24 09:40
Date Received: 10/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/28/24 11:49
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	160		ug/l	0.50	0.16	1
Toluene	24		ug/l	2.5	0.70	1
Ethylbenzene	46		ug/l	2.5	0.70	1
p/m-Xylene	47		ug/l	2.5	0.70	1
o-Xylene	45		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	110		70-130

Project Name: RGE GENESEO
Project Number: Not Specified
Lab Number: L2462178
Report Date: 10/31/24

SAMPLE RESULTS

Lab ID: L2462178-02
Client ID: GEN_MW-4_102224
Sample Location: Not Specified
Date Collected: 10/22/24 10:50
Date Received: 10/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/28/24 12:54
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	0.80		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
p/m-Xylene	6.4		ug/l	2.5	0.70	1
o-Xylene	1.8	J	ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	127		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	118		70-130

Project Name: RGE GENESEO
Project Number: Not Specified
Lab Number: L2462178
Report Date: 10/31/24

SAMPLE RESULTS

Lab ID: L2462178-03
Client ID: GEN_MW-8_102224
Sample Location: Not Specified
Date Collected: 10/22/24 12:20
Date Received: 10/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/28/24 13:16
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	5.7		ug/l	0.50	0.16	1
Toluene	0.96	J	ug/l	2.5	0.70	1
Ethylbenzene	7.0		ug/l	2.5	0.70	1
p/m-Xylene	19		ug/l	2.5	0.70	1
o-Xylene	7.1		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	124		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	110		70-130

Project Name: RGE GENESEO
Project Number: Not Specified
Lab Number: L2462178
Report Date: 10/31/24

SAMPLE RESULTS

Lab ID: L2462178-04 D
Client ID: GEN_DUP_102224
Sample Location: Not Specified
Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/28/24 14:22
Analyst: MKS

Date Collected: 10/22/24 00:00
Date Received: 10/24/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	150		ug/l	1.0	0.32	2
Toluene	23		ug/l	5.0	1.4	2
Ethylbenzene	43		ug/l	5.0	1.4	2
p/m-Xylene	45		ug/l	5.0	1.4	2
o-Xylene	43		ug/l	5.0	1.4	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	116		70-130

Project Name: RGE GENESEO
Project Number: Not Specified
Lab Number: L2462178
Report Date: 10/31/24

SAMPLE RESULTS

Lab ID: L2462178-05
Client ID: GEN_MW-7_102224
Sample Location: Not Specified
Date Collected: 10/23/24 12:10
Date Received: 10/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/28/24 13:38
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	1.0		ug/l	0.50	0.16	1
Toluene	0.91	J	ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
p/m-Xylene	3.0		ug/l	2.5	0.70	1
o-Xylene	1.3	J	ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	125		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	119		70-130

Project Name: RGE GENESEO
Project Number: Not Specified
Lab Number: L2462178
Report Date: 10/31/24

SAMPLE RESULTS

Lab ID: L2462178-06
Client ID: GEN_EB_102324
Sample Location: Not Specified
Date Collected: 10/23/24 12:30
Date Received: 10/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/28/24 14:00
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	123		70-130

Project Name: RGE GENESEO
Project Number: Not Specified
Lab Number: L2462178
Report Date: 10/31/24

SAMPLE RESULTS

Lab ID: L2462178-07
Client ID: TRIP BLANK
Sample Location: Not Specified
Date Collected: 10/22/24 00:00
Date Received: 10/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/28/24 11:27
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	119		70-130

Project Name: RGE GENESEO
Project Number: Not Specified
Lab Number: L2462178
Report Date: 10/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/28/24 10:09
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1989966-5					
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	121		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: RGE GENESEO

Project Number: Not Specified

Lab Number: L2462178

Report Date: 10/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1989966-3 WG1989966-4								
Benzene	110		110		70-130	0		20
Toluene	110		110		70-130	0		20
Ethylbenzene	120		120		70-130	0		20
p/m-Xylene	120		115		70-130	4		20
o-Xylene	115		115		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	119		120		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	100		102		70-130
Dibromofluoromethane	114		110		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: RGE GENESEO

Project Number: Not Specified

Lab Number: L2462178

Report Date: 10/31/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1989966-6 WG1989966-7 QC Sample: L2462178-02 Client ID: GEN_MW-4_102224												
Benzene	0.80	10	10	92		11	102		70-130	10		20
Toluene	ND	10	10	100		11	110		70-130	10		20
Ethylbenzene	ND	10	10	100		11	110		70-130	10		20
p/m-Xylene	6.4	20	27	103		29	113		70-130	7		20
o-Xylene	1.8J	20	22	110		24	120		70-130	9		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	**132**	Q	**131**	Q	70-130
4-Bromofluorobenzene	101		101		70-130
Dibromofluoromethane	114		112		70-130
Toluene-d8	100		100		70-130

SEMIVOLATILES

Project Name: RGE GENESEO
Project Number: Not Specified
Lab Number: L2462178
Report Date: 10/31/24

SAMPLE RESULTS

Lab ID: L2462178-01
Client ID: GEN_MW-6_102224
Sample Location: Not Specified
Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/27/24 13:08
Analyst: JJW

Date Collected: 10/22/24 09:40
Date Received: 10/24/24
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 10/26/24 19:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	3.2		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.12		ug/l	0.10	0.03	1
Naphthalene	79	E	ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	21		ug/l	0.10	0.02	1
Anthracene	0.45		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	4.6		ug/l	0.10	0.03	1
Phenanthrene	2.4		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	0.06	J	ug/l	0.10	0.04	1
2-Methylnaphthalene	0.04	J	ug/l	0.10	0.03	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	99		23-120
2-Fluorobiphenyl	88		15-120
4-Terphenyl-d14	109		41-149

Project Name: RGE GENESEO
Project Number: Not Specified

Lab Number: L2462178
Report Date: 10/31/24

SAMPLE RESULTS

Lab ID: L2462178-01 D
Client ID: GEN_MW-6_102224
Sample Location: Not Specified

Date Collected: 10/22/24 09:40
Date Received: 10/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/29/24 14:46
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/26/24 19:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Naphthalene	73		ug/l	0.20	0.05	2

Project Name: RGE GENESEO
Project Number: Not Specified
Lab Number: L2462178
Report Date: 10/31/24

SAMPLE RESULTS

Lab ID: L2462178-02
Client ID: GEN_MW-4_102224
Sample Location: Not Specified

Date Collected: 10/22/24 10:50
Date Received: 10/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/27/24 13:57
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/26/24 19:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Naphthalene	0.05	J	ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	0.04	J	ug/l	0.10	0.03	1
Phenanthrene	0.04	J	ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	83		15-120
4-Terphenyl-d14	107		41-149

Project Name: RGE GENESEO
Project Number: Not Specified
Lab Number: L2462178
Report Date: 10/31/24

SAMPLE RESULTS

Lab ID: L2462178-03
Client ID: GEN_MW-8_102224
Sample Location: Not Specified
Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/27/24 14:13
Analyst: JJW

Date Collected: 10/22/24 12:20
Date Received: 10/24/24
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 10/26/24 19:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Naphthalene	0.41		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	0.05	J	ug/l	0.10	0.03	1
Phenanthrene	0.06	J	ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.38		ug/l	0.10	0.03	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	50		15-120
4-Terphenyl-d14	62		41-149

Project Name: RGE GENESEO
Project Number: Not Specified
Lab Number: L2462178
Report Date: 10/31/24

SAMPLE RESULTS

Lab ID: L2462178-04
Client ID: GEN_DUP_102224
Sample Location: Not Specified

Date Collected: 10/22/24 00:00
Date Received: 10/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/27/24 14:30
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/26/24 19:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	2.6		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.13		ug/l	0.10	0.03	1
Naphthalene	71	E	ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	19		ug/l	0.10	0.02	1
Anthracene	0.40		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	4.2		ug/l	0.10	0.03	1
Phenanthrene	2.2		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	0.07	J	ug/l	0.10	0.04	1
2-Methylnaphthalene	0.05	J	ug/l	0.10	0.03	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	77		15-120
4-Terphenyl-d14	91		41-149

Project Name: RGE GENESEO
Project Number: Not Specified

Lab Number: L2462178
Report Date: 10/31/24

SAMPLE RESULTS

Lab ID: L2462178-04 D
Client ID: GEN_DUP_102224
Sample Location: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/29/24 15:03
Analyst: JJW

Date Collected: 10/22/24 00:00
Date Received: 10/24/24
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 10/26/24 19:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Naphthalene	68		ug/l	0.20	0.05	2

Project Name: RGE GENESEO
Project Number: Not Specified
Lab Number: L2462178
Report Date: 10/31/24

SAMPLE RESULTS

Lab ID: L2462178-05
Client ID: GEN_MW-7_102224
Sample Location: Not Specified

Date Collected: 10/23/24 12:10
Date Received: 10/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/28/24 17:28
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/27/24 17:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Naphthalene	0.12		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	0.05	J	ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.17		ug/l	0.10	0.03	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	78		15-120
4-Terphenyl-d14	96		41-149

Project Name: RGE GENESEO
Project Number: Not Specified
Lab Number: L2462178
Report Date: 10/31/24

SAMPLE RESULTS

Lab ID: L2462178-06
Client ID: GEN_EB_102324
Sample Location: Not Specified

Date Collected: 10/23/24 12:30
Date Received: 10/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/28/24 17:44
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/27/24 17:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	72		15-120
4-Terphenyl-d14	109		41-149

Project Name: RGE GENESEO
Project Number: Not Specified

Lab Number: L2462178
Report Date: 10/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/27/24 12:52
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/26/24 19:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-04 Batch: WG1989485-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Naphthalene	0.08	J	ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	79		15-120
4-Terphenyl-d14	88		41-149

Project Name: RGE GENESEO
Project Number: Not Specified
Lab Number: L2462178
Report Date: 10/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/28/24 17:11
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/27/24 17:56

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 05-06 Batch: WG1989660-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	101		23-120
2-Fluorobiphenyl	78		15-120
4-Terphenyl-d14	105		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: RGE GENESEO
Project Number: Not Specified

Lab Number: L2462178
Report Date: 10/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-04 Batch: WG1989485-2 WG1989485-3								
Acenaphthene	99		79		40-140	22		40
2-Chloronaphthalene	92		72		40-140	24		40
Fluoranthene	107		94		40-140	13		40
Naphthalene	85		66		40-140	25		40
Benzo(a)anthracene	114		101		40-140	12		40
Benzo(a)pyrene	122		106		40-140	14		40
Benzo(b)fluoranthene	122		106		40-140	14		40
Benzo(k)fluoranthene	114		100		40-140	13		40
Chrysene	112		98		40-140	13		40
Acenaphthylene	99		81		40-140	20		40
Anthracene	110		95		40-140	15		40
Benzo(ghi)perylene	114		99		40-140	14		40
Fluorene	103		86		40-140	18		40
Phenanthrene	105		91		40-140	14		40
Dibenzo(a,h)anthracene	122		106		40-140	14		40
Indeno(1,2,3-cd)pyrene	126		111		40-140	13		40
Pyrene	105		92		40-140	13		40
2-Methylnaphthalene	94		73		40-140	25		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: RGE GENESEO

Project Number: Not Specified

Lab Number: L2462178

Report Date: 10/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-04 Batch: WG1989485-2 WG1989485-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Nitrobenzene-d5	105		86		23-120
2-Fluorobiphenyl	89		71		15-120
4-Terphenyl-d14	107		95		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: RGE GENESEO
Project Number: Not Specified

Lab Number: L2462178
Report Date: 10/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 05-06 Batch: WG1989660-2 WG1989660-3								
Acenaphthene	85		79		40-140	7		40
2-Chloronaphthalene	74		70		40-140	6		40
Fluoranthene	108		97		40-140	11		40
Naphthalene	77		71		40-140	8		40
Benzo(a)anthracene	108		99		40-140	9		40
Benzo(a)pyrene	120		109		40-140	10		40
Benzo(b)fluoranthene	115		101		40-140	13		40
Benzo(k)fluoranthene	108		105		40-140	3		40
Chrysene	106		96		40-140	10		40
Acenaphthylene	90		83		40-140	8		40
Anthracene	100		92		40-140	8		40
Benzo(ghi)perylene	112		101		40-140	10		40
Fluorene	93		85		40-140	9		40
Phenanthrene	93		85		40-140	9		40
Dibenzo(a,h)anthracene	119		108		40-140	10		40
Indeno(1,2,3-cd)pyrene	121		107		40-140	12		40
Pyrene	109		97		40-140	12		40
2-Methylnaphthalene	77		73		40-140	5		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: RGE GENESEO

Project Number: Not Specified

Lab Number: L2462178

Report Date: 10/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 05-06 Batch: WG1989660-2 WG1989660-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Nitrobenzene-d5	102		92		23-120
2-Fluorobiphenyl	78		71		15-120
4-Terphenyl-d14	107		94		41-149

Matrix Spike Analysis
Batch Quality Control

Project Name: RGE GENESEO
Project Number: Not Specified
Lab Number: L2462178
Report Date: 10/31/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1989485-4 WG1989485-5 QC Sample: L2462178-02 Client ID: GEN_MW-4_102224												
Acenaphthene	ND	20	14	70		18	90		40-140	25		40
2-Chloronaphthalene	ND	20	13	65		16	80		40-140	21		40
Fluoranthene	ND	20	16	80		21	110		40-140	27		40
Naphthalene	0.05J	20	12	60		15	75		40-140	22		40
Benzo(a)anthracene	ND	20	17	85		21	110		40-140	21		40
Benzo(a)pyrene	ND	20	17	85		21	110		40-140	21		40
Benzo(b)fluoranthene	ND	20	17	85		21	110		40-140	21		40
Benzo(k)fluoranthene	ND	20	16	80		20	100		40-140	22		40
Chrysene	ND	20	17	85		21	110		40-140	21		40
Acenaphthylene	ND	20	14	70		18	90		40-140	25		40
Anthracene	ND	20	16	80		21	110		40-140	27		40
Benzo(ghi)perylene	ND	20	15	75		17	85		40-140	13		40
Fluorene	0.04J	20	15	75		19	95		40-140	24		40
Phenanthrene	0.04J	20	16	80		20	100		40-140	22		40
Dibenzo(a,h)anthracene	ND	20	15	75		19	95		40-140	24		40
Indeno(1,2,3-cd)pyrene	ND	20	16	80		20	100		40-140	22		40
Pyrene	ND	20	16	80		20	100		40-140	22		40
2-Methylnaphthalene	ND	20	13	65		17	85		40-140	27		40

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2-Fluorobiphenyl	62		79		15-120
4-Terphenyl-d14	73		92		41-149

Matrix Spike Analysis

Batch Quality Control

Project Name: RGE GENESEO

Project Number: Not Specified

Lab Number: L2462178

Report Date: 10/31/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1989485-4 WG1989485-5 QC Sample: L2462178-02 Client ID: GEN_MW-4_102224												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
Nitrobenzene-d5	73		93		23-120

Project Name: RGE GENESEO
Project Number: Not Specified

Lab Number: L2462178
Report Date: 10/31/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2462178-01A	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260-BTEX(14)
L2462178-01B	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260-BTEX(14)
L2462178-01C	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260-BTEX(14)
L2462178-01D	Amber 100ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-PAHSIM-RVT(7)
L2462178-01E	Amber 100ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-PAHSIM-RVT(7)
L2462178-02A	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260-BTEX(14)
L2462178-02A1	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260-BTEX(14)
L2462178-02A2	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260-BTEX(14)
L2462178-02B	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260-BTEX(14)
L2462178-02B1	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260-BTEX(14)
L2462178-02B2	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260-BTEX(14)
L2462178-02C	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260-BTEX(14)
L2462178-02C1	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260-BTEX(14)
L2462178-02C2	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260-BTEX(14)
L2462178-02D	Amber 100ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-PAHSIM-RVT(7)
L2462178-02D1	Amber 100ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-PAHSIM-RVT(7)
L2462178-02D2	Amber 100ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-PAHSIM-RVT(7)
L2462178-02E	Amber 100ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-PAHSIM-RVT(7)
L2462178-02E1	Amber 100ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-PAHSIM-RVT(7)
L2462178-02E2	Amber 100ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-PAHSIM-RVT(7)
L2462178-03A	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260-BTEX(14)
L2462178-03B	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260-BTEX(14)
L2462178-03C	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260-BTEX(14)

*Values in parentheses indicate holding time in days

Project Name: RGE GENESEO
Project Number: Not Specified

Lab Number: L2462178
Report Date: 10/31/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2462178-03D	Amber 100ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-PAHSIM-RVT(7)
L2462178-03E	Amber 100ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-PAHSIM-RVT(7)
L2462178-04A	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260-BTEX(14)
L2462178-04B	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260-BTEX(14)
L2462178-04C	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260-BTEX(14)
L2462178-04D	Amber 100ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-PAHSIM-RVT(7)
L2462178-04E	Amber 100ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-PAHSIM-RVT(7)
L2462178-05A	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260-BTEX(14)
L2462178-05B	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260-BTEX(14)
L2462178-05C	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260-BTEX(14)
L2462178-05D	Amber 100ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-PAHSIM-RVT(7)
L2462178-05E	Amber 100ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-PAHSIM-RVT(7)
L2462178-06A	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260-BTEX(14)
L2462178-06B	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260-BTEX(14)
L2462178-06C	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260-BTEX(14)
L2462178-06D	Amber 100ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-PAHSIM-RVT(7)
L2462178-06E	Amber 100ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-PAHSIM-RVT(7)
L2462178-07A	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260-BTEX(14)
L2462178-07B	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260-BTEX(14)

*Values in parentheses indicate holding time in days

Project Name:	RGE GENESEO	**Lab Number:**	L2462178
Project Number:	Not Specified	**Report Date:**	10/31/24

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	RGE GENESEO	**Lab Number:**	L2462178
Project Number:	Not Specified	**Report Date:**	10/31/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	RGE GENESEO	**Lab Number:**	L2462178
Project Number:	Not Specified	**Report Date:**	10/31/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: RGE GENESEO
Project Number: Not Specified

Lab Number: L2462178
Report Date: 10/31/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine, 2,6-Dichlorophenol.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

CHAIN OF CUSTODY

PAGE 1 OF 1

ALPHA ANALYTICAL
World Class Chemistry

Westborough, MA
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA
TEL: 508-822-9300
FAX: 508-822-3288

Date Rec'd in Lab: 10/25/24

ALPHA Job #: L2462178

Project Information

Project Name: RGE Geneseo

Project Location:

Project #:

Project Manager: LOGAN REID

ALPHA Quote #:

Client Information

Client: NEUVELLE

Address: 10 JONES AVE ROCHESTER
NY 14618

Phone: 5854783167

Fax:

Email: LREID@NEU-VELLE.COM Aroteluss@Neu-velle.com

☐ These samples have been Previously analyzed by Alpha

Turn-Around Time

☒ Standard ☐ Rush (ONLY IF PRE-APPROVED)

Due Date: Time:

Report Information — Data Deliverables

☐ FAX ☒ EMAIL

☒ ADEx ☐ Add'l Deliverables

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program	Criteria
EDD	CAT B

MCP PRESUMPTIVE CERTAINTY-CT REASONABLE CONFIDENCE PROTOCOLS

☐ Yes ☐ No Are MCP Analytical Methods Required?

☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

PLEASE USE MORTAR AND PESTLE IF NEEDED.

ANALYSIS

PAH 8270 | BTEX 8260

SAMPLE HANDLING
Filtration
☐ Done
☐ Not Needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

Sample Specific Comments

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	PAH 8270	BTEX 8260												
L2462178-01	GEN_MW-6_102224	10/22/24	0940	WG	ACR	☒	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
-02	GEN_MW-4_102224	10/22/24	1050	WG	ACR	☒	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	MS/MSD	
-03	GEN_MW-8_102224	10/22/24	1220	WG	ACR	☒	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
-04	GEN_DUP_102224	10/22/24	--	WG	ACR	☒	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
-05	GEN_MW-7_102324	10/23/24	1210	WG	ACR	☒	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
-06	GEN_EB_102324	10/23/24	1230	WG	ACR	☒	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
-07	TRIP BLANK	--	--	--	--	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
						☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
						☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		
						☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		

Container Type	A	4	-	-	-	-	-	-	-	-	-	-	-
Preservative	-	HCL	-	-	-	-	-	-	-	-	-	-	-

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

FORM NO: 01-01(I) (rev. 9-JAN-12)

Relinquished By:	Date/Time	Received By:	Date/Time
Andrew Rotuss	10/24/24	SECURE STORAGE PACK	10/24/24 16:03
SECURE STORAGE PACK	10/24/24 16:03	W MOT PACK	10/24/24 16:03
W MOT PACK	10/24/24 16:03	ROCHT S/C PACK	10/24/24 16:03
Russell B Bixby	10-24-24 18:25		

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms.

10/25/24-0100