NEU-VELLE LLC

August 8, 2025

Mr. Tracey Garland, G.I.T.
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway
Albany, New York 12233-7014

Re: Report – Eleventh Post-Remediation Groundwater Sampling Event – Spring 2025
NYSEG Seneca Falls Former MGP Site
187 Fall Street
Seneca Falls, Seneca County, New York
NYSDEC Site No. 850010

Dear Mr. Garland:

The purpose of this report is to present the results of the eleventh (11th) post-remediation groundwater sampling event completed at the New York State Electric & Gas Corporation (NYSEG) Seneca Falls Former Manufactured Gas Plant (MGP) site [New York State Department of Environmental Conservation (NYSDEC) Site No. 850010], located at 187 Fall Street in Seneca Falls, Seneca County, New York (referred to herein as the "Site"). This groundwater sampling was completed by NEU-VELLE, LLC (NEU-VELLE) personnel in accordance with the Draft Site Management Plan (SMP) for the Site, which was submitted for approval to the NYSDEC on September 14, 2021.

SCOPE OF WORK

Synoptic Water Levels

As summarized in **Table 1**, a Site-wide round of synoptic groundwater levels was collected from the four (4) monitoring wells at the Site (MW-1, MW-2, MW-3, and MW-4) on May 7, 2025. The monitoring well locations are depicted on **Figure 1**. Each well was gauged for the presence of Non-aqueous Phase Liquid (NAPL) using an oil/water interface probe. NAPL was not detected in any of the wells. The well gauging observations and field measurements are provided in **Table 1,** and a groundwater elevation contour map is provided as **Figure 1.**

Groundwater Sampling

On May 7th and 8th, 2025, the semi-annual, post-remediation groundwater samples were collected from the four (4) groundwater monitoring wells at the Site (MW-1, MW-2, MW-3, and MW-4). A stainless-steel bladder pump equipped with a new polyethylene bladder and new polyethylene tubing was used at each sampling location.

Groundwater samples were collected using the low-stress (low-flow) purging techniques outlined in the United States Environmental Protection Agency (USEPA) Ground-Water Sampling Guidelines for Superfund and Resource Conservation and Recovery Act (RCRA) Project Managers dated May 2002.

Prior to initiating purging, field personnel donned new nitrile gloves, and care was taken to avoid introducing contaminants into the groundwater monitoring wells. During purging, time, water-level measurements, temperature, dissolved oxygen (DO), oxidation reduction potential (ORP), pH, turbidity, and specific conductance (purge parameters) were measured and recorded using calibrated field monitoring equipment.

The well information, sample information, monitoring parameters, and field observations were recorded on a groundwater sample log completed at each well. The groundwater sample logs are provided as **Attachment 1**.

New nitrile gloves were donned by field personnel prior to the collection of each groundwater sample. The laboratory samples were collected in appropriate laboratory-supplied sample containers. Samples were placed in a plastic cooler pre-chilled with ice and submitted under chain of custody protocols. The samples were delivered to Paradigm Environmental Services, Inc. (Paradigm) located in Rochester, New York. The groundwater samples were analyzed as follows:

- volatile organic compounds (VOCs), BTEX (benzene, toluene, ethylbenzene, and xylene) only, were analyzed in accordance with USEPA Method 8260;
- semi-volatile organic compounds (SVOCs), polycyclic aromatic hydrocarbons (PAHs) only, were analyzed in accordance with USEPA Method 8270; and
- total cyanide was analyzed in accordance with USEPA Method 335.4.

Quality Assurance/Quality Control (QA/QC) samples including an equipment blank, a blind duplicate (collected at MW-1), a trip blank, and matrix spike/matrix spike duplicate samples (MS/MSD, collected at MW-1) were collected.

Reporting of Results

The laboratory analytical report is presented in **Exhibit A,** and the analytical results are summarized in **Table 2** of this report.

Waste Disposal

Purged groundwater and decontamination water were containerized in 5-gallon buckets and transported to the NYSEG Wadsworth Former MGP site for temporary staging in a 55-gallon polyethylene drum prior to appropriate transportation and off-Site disposal.

RESULTS

Analytical Results

The groundwater sample analytical results were compared to the NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1, Class GA, standards, criteria, and guidance values (SCGs). The analytical results for groundwater samples are summarized in **Table 2** and **Figure 2,** as follows:

- no detections of BTEX or PAHs at or above the respective laboratory quantitation limits were reported in any of the groundwater samples collected during this sampling event; and
- concentrations of total cyanide were reported in the groundwater samples collected from monitoring wells MW-1, MW-2, MW-3, and MW-4. The reported concentrations of total cyanide ranged from 0.025 milligrams per liter (mg/L) to 0.13 mg/L and are all below the TOGS 1.1.1, Class GA SCG for total cyanide (0.2 mg/L).

The analytical results for the QA/QC samples are summarized as follows:

- no detections of BTEX, PAHs, or total cyanide at or above the respective laboratory quantitation limits were reported in the Equipment Blank sample ("SF_EB_050725");
- no BTEX compounds were detected in the Trip Blank sample; and
- total cyanide was reported in the blind duplicate ("SF_DUP_050725") at a concentration (0.029 mg/L) very near the concentration of cyanide (0.025 mg/L) reported in its parent sample ("SF_MW-1_050725").

Groundwater Mapping

A groundwater contour map (see **Figure 1**) was prepared based on the water level data collected at the Site on May 7th, 2025. This groundwater contour map depicts the groundwater beneath the Site flowing to the south-southeast, toward the Seneca River/Canal. A slightly more southeast flow is observed in the lowland area on the southeastern portion of the Site. The groundwater flow direction generally follows the topography of the Site, which is consistent with prior findings of groundwater flow direction at the Site.

CONCLUSIONS

This report presents the results of the eleventh (11th) post-remediation groundwater sampling event completed at the NYSEG Seneca Falls Former MGP site (NYSDEC Site No. 850010).

Concentrations of total cyanide were detected (0.025 mg/L, 0.13 mg/L, 0.094 mg/L, and 0.13 mg/L) in the groundwater samples collected from the four (4) on-Site monitoring wells (MW-1, MW-2, MW-3, and MW-4, respectively). These reported concentrations are all below the TOGS 1.1.1, Class GA SCG for total cyanide (0.2 mg/L).

No detections of BTEX or PAHs at or above the respective laboratory quantitation limits were reported in any of the groundwater samples collected during this sampling event.

The groundwater contour map for Spring 2025 depicts the groundwater beneath the Site flowing generally to the south and southeast, toward the Seneca River/Canal, following the Site's topography.

As approved by the NYSDEC in an email dated March 31, 2023, the groundwater monitoring program will continue for an additional three (3) years, on a semi-annual basis (spring and fall sampling events) at the same four (4) on-Site monitoring wells for the same analyses (BTEX, PAHs, and cyanide). The next groundwater sampling event will be in November 2025.

Please feel free to contact me at (585) 478-3167 or LReid@neu-velle.com with any questions you may have regarding this letter report, or contact Mr. Jeremy Wolf, NYSEG's Project Manager for the Site, at (585) 500-8392.

Sincerely,



NEU-VELLE LLC

cc: Jeremy Wolf – NYSEG
Scott Tucker - Ramboll

Attachments:

Table 1 – Monitoring Well Reference Data and Groundwater Measurements – Spring 2025
Table 2 – Groundwater Sample Analytical Results
Figure 1 – Groundwater Elevation Contours – May 2025
Figure 2 – Groundwater Analytical Detections – May 2025
Attachment 1 – Groundwater Sample Logs
Exhibit A – Laboratory Report

10 Jones Avenue, Rochester, New York 14608
WWW.NEU-VELLE.COM

Tables

NEU-VELLE LLC

Table 1
Monitoring Well Reference Data and Groundwater Measurements - Spring 2025
NYSEG Seneca Falls Former MGP
NYSDEC Site No. 850010

Location	Installation Date	Ground Surface Elevation (Feet NAVD88)	Well Diameter (Inches)	Top of PVC Riser Elevation (Feet NAVD88)	Screened Interval (Feet bgs)	Depth to Water 5/7/2025 (Feet bmp)	Groundwater Elevation 5/7/2025 (Feet NAVD88)
MW1	2/12/2020	456.5	2	456.20	13.5 - 23.5	10.65	445.55
MW2	2/12/2020	436.7	2	439.29	10.0 - 20.0	3.12	436.17
MW3	2/13/2020	434.6	2	437.11	5.0 - 15.0	1.00	436.11
MW4	2/13/2020	434.6	2	436.96	5.0 - 15.0	4.40	432.56

NOTES:

bmp = below measuring point (as marked on PVC)

Vertical datum is North American Vertical Datum 1988 (NAVD88)

Table 2 (page 1 of 4)
NYSEG Seneca Falls MGP, 187 Fall Street, Seneca Falls, NY
NYSDEC Site No. 850010
Groundwater Sample Analytical Results

		Sample Location		MW1		MW1		MW1		MW1		MW1		MW1		MW1		Duplicate (MW1)		MW1		Duplicate (MW1)		MW1		MW1		Duplicate (MW1)		MW1		Duplicate (MW1)	
		Sample Date		3/16/2020		9/16/2020		3/24/2021		9/25/2021		4/6/2022		11/1/2022		4/4/2023		4/4/2023		10/8/2023		10/8/2023		4/22/2024		10/4/2024		10/4/2024		5/7/2025		5/7/2025	
		Sample Identification		SF-MW-1		SF-MW-1		SF-MW1		SF-MW1		SF-MW1		SF-MW-1		SF-MW-1		DUPE-04042023		MW-1_100823		DUPE_100823		SF-MW-1_042224		SF-MW-1_100424		SF-DUP_100424		SF_MW-1_050725		SF_DUP_050725	
Analyte	Cas No.	TOGS 1.1.1 Groundwater SCG	Units	Result	Reporting Limit	Result	Reporting Limit	Result	Reporting Limit	Result	Reporting Limit	Result	Reporting Limit	Result	Reporting Limit	Result	Reporting Limit	Result	Reporting Limit	Result	Reporting Limit	Result	Reporting Limit	Result	Reporting Limits	Result	Reporting Limits	Result	Reporting Limits	Result	Reporting Limits	Result	Reporting Limits
BTEX																																
Benzene	71-43-2	1	µg/L	**0.648** J	1.00	**11.8**	1.00	**21.7**	1.00	ND	1.00	**36.4**	1.00	ND	1.00	ND	5.00	ND	5.00	ND	1.00	ND	1.00	**16.8**	1.00	ND	1.00	ND	1.00	ND	1.00	ND	1.00
Toluene	108-88-3	5	µg/L	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	5.00	ND	5.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00
Ethylbenzene	100-41-4	5	µg/L	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	5.00	ND	5.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00
m,p-Xylene	1330-20-7	5	µg/L	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	5.00	ND	5.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00
o-Xylene			µg/L	**1.27** J	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	5.00	ND	5.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00
PAHs																																
Acenaphthene	83-32-9	20	µg/L	ND	10.0	ND M	10.0	ND	10.0	ND	11.7	ND	10.0	ND	10.0	ND	0.19	ND	0.18	ND	5.0	ND	5.0	ND	11.3	ND	11,1	ND	12.6	ND	10.0	ND	10.0
Acenaphthylene	208-96-8	NS	µg/L	ND	10.0	ND	10.0	ND	10.0	ND	11.7	ND	10.0	ND	10.0	ND	0.19	ND	0.18	ND	5.0	ND	5.0	ND	11.3	ND	11,1	ND	12.6	ND	10.0	ND	10.0
Anthracene	120-12-7	50	µg/L	ND	10.0	ND	10.0	ND	10.0	ND	11.7	ND	10.0	ND	10.0	ND	0.19	ND	0.18	ND	5.0	ND	5.0	ND	11.3	ND	11,1	ND	12.6	ND	10.0	ND	10.0
Benzo(a)anthracene	56-55-3	0.002	µg/L	ND	10.0	ND	10.0	ND	10.0	ND	11.7	ND	10.0	ND	10.0	ND	0.19	ND	0.18	ND	5.0	ND	5.0	ND	11.3	ND	11,1	ND	12.6	ND	10.0	ND	10.0
Benzo(a)pyrene	50-32-8	ND	µg/L	ND	10.0	ND	10.0	ND	10.0	ND	11.7	ND	10.0	ND	10.0	ND	0.19	ND	0.18	ND	10.0	ND	10.0	ND	11.3	ND	11,1	ND	12.6	ND	10.0	ND	10.0
Benzo(b)fluoranthene	205-99-2	0.002	µg/L	ND	10.0	ND	10.0	ND	10.0	ND	11.7	ND	10.0	ND	10.0	ND	0.19	ND	0.18	ND	10.0	ND	10.0	ND	11.3	ND	11,1	ND	12.6	ND	10.0	ND	10.0
Benzo(g,h,i)perylene	191-24-2	NS	µg/L	ND	10.0	ND	10.0	ND	10.0	ND	11.7	ND	10.0	ND	10.0	ND	0.19	ND	0.18	ND	10.0	ND	10.0	ND	11.3	ND	11,1	ND	12.6	ND	10.0	ND	10.0
Benzo(k)fluoranthene	207-08-9	0.002	µg/L	ND	10.0	ND	10.0	ND	10.0	ND	11.7	ND	10.0	ND	10.0	ND	0.19	ND	0.18	ND	10.0	ND	10.0	ND	11.3	ND	11,1	ND	12.6	ND	10.0	ND	10.0
Dibenzo(a,h)anthracene	53-70-3	NS	µg/L	ND	10.0	ND	10.0	ND	10.0	ND	11.7	ND	10.0	ND	10.0	ND	0.19	ND	0.18	ND	5.0	ND	5.0	ND	11.3	ND	11,1	ND	12.6	ND	10.0	ND	10.0
Chrysene	218-01-9	0.002	µg/L	ND	10.0	ND	10.0	ND	10.0	ND	11.7	ND	10.0	ND	10.0	ND	0.19	ND	0.18	ND	5.0	ND	5.0	ND	11.3	ND	11,1	ND	12.6	ND	10.0	ND	10.0
Fluoranthene	206-44-0	50	µg/L	ND	10.0	ND	10.0	ND	10.0	ND	11.7	ND	10.0	ND	10.0	ND	0.19	ND	0.18	ND	5.0	ND	5.0	ND	11.3	ND	11,1	ND	12.6	ND	10.0	ND	10.0
Fluorene	86-73-7	50	µg/L	ND	10.0	ND	10.0	ND	10.0	ND	11.7	ND	10.0	ND	10.0	ND	0.19	ND	0.18	ND	5.0	ND	5.0	ND	11.3	ND	11,1	ND	12.6	ND	10.0	ND	10.0
Indeno(1,2,3-cd) pyrene	193-39-5	0.002	µg/L	ND	10.0	ND	10.0	ND	10.0	ND	11.7	ND	10.0	ND	10.0	ND	0.19	ND	0.18	ND	5.0	ND	5.0	ND	11.3	ND	11,1	ND	12.6	ND	10.0	ND	10.0
2-methylnaphthalene	91-57-6	NS	µg/L	ND	10.0	ND	10.0	ND	10.0	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Naphthalene	91-20-3	10	µg/L	ND	10.0	ND	10.0	ND	10.0	ND	11.7	ND	10.0	ND	10.0	ND	0.19	ND	0.18	ND	5.0	ND	5.0	ND	11.3	ND	11,1	ND	12.6	ND	10.0	ND	10.0
Phenanthrene	85-01-8	50	µg/L	ND	10.0	ND	10.0	ND	10.0	ND	11.7	ND	10.0	ND	10.0	ND	0.19	ND	0.18	ND	5.0	ND	5.0	ND	11.3	ND	11,1	ND	12.6	ND	10.0	ND	10.0
Pyrene	129-00-0	50	µg/L	ND M	10.0	ND	10.0	ND	10.0	ND	11.7	ND	10.0	ND	10.0	ND	0.19	ND	0.18	ND	5.0	ND	5.0	ND	11.3	ND	11,1	ND	12.6	ND	10.0	ND	10.0
Cyanide																																
Cyanide, Total	NA	0.2	mg/L	**0.185** M	0.0100	**0.0829**	0.0100	**0.0513**	0.0100	**0.0456**	0.0100	**0.072**	0.0100	**0.066**	0.010	**0.0311**	0.102	**0.0289**	0.005	ND	0.010	ND	0.010	**0.03** S	0.0100	**0.031**	0.0100	**0.027**	0.0100	**0.025**	0.0100	**0.029**	0.0100

Notes:
1. µg/L = micrograms per liter
2. mg/L = milligrams per liter
3. NT = not tested, NS = No standard, and ND = non-detect
4. Division of Water Technical and Operational Guidance Series (TOGS) (1.1.1) Ambient Water Quality Standards and Groundwater Effluent Limitations, June 1998.
5. **Bold Sample result** = compound was detected.
6. **Gray shading indicates the sample result is above the TOGS 1.1.1 Standards, Criteria and Guidance Value.**
7. J is a laboratory data qualifier indicating "Result estimated between the quantitation limit and half the quantitation limit."
8. M is a laboratory data qualifier indicating "Matrix spike recoveries outside QC limits. Matrix bias indicated."
9. S is a laboratory data qualifier indicating "LCS spike recovery is below acceptable limits."

NEU-VELLE

Table 2 (page 2 of 4)
NYSEG Seneca Falls MGP, 187 Fall Street, Seneca Falls, NY
NYSDEC Site No. 850010
Groundwater Sample Analytical Results

Sample Location				MW2		Duplicate (MW2)		MW2		MW2		Duplicate (MW2)		MW2		MW2		MW2		MW2		MW2		MW2		MW2		MW2	
Sample Date				3/16/2020				9/18/2020		3/25/2021				9/25/2021		4/6/2022		11/1/2022		4/3/2023		10/10/2023		4/22/2024		10/4/2024		5/7/2025	
Sample Identification				SF-MW-2		SF-Dupe		SF-MW-2		SF-MW2		SF-DUP		SF-MW-2		SF-MW2		SF-MW-2		SF-MW-2		MW-2_101023		SF-MW2_042224		SF_MW-2_100424		SF_MW-2_050725	
Analyte	Cas No.	TOGS 1.1.1 Groundwater SCG	Units	Result	Reporting Limit	Result	Reporting Limit	Result	Reporting Limit	Result	Reporting Limit	Result	Reporting Limit	Result	Reporting Limit	Result	Reporting Limit	Result	Reporting Limit	Result	Reporting Limit	Result	Reporting Limit	Result	Reporting Limit	Result	Reporting Limit	Result	Reporting Limit
BTEX																													
Benzene	71-43-2	1	µg/L	ND	1.00	ND	1.00	ND	1.00	ND	1.00	ND	1.00	ND	1.00	ND	1.00	ND	1.00	ND	5.00	ND	1.00	ND	1.00	ND	1.00	ND	1.00
Toluene	108-88-3	5	µg/L	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	5.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00
Ethylbenzene	100-41-4	5	µg/L	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	5.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00
m,p-Xylene	1330-20-7	5	µg/L	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	5.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00
o-Xylene			µg/L	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	5.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00
PAHs																													
Acenaphthene	83-32-9	20	µg/L	ND	9.82	ND	9.83	ND	10.0	ND	10.0	ND	10.0	ND	11.7	ND	10.0	ND	10.0	**0.81**	0.19	ND	5.0	ND	10.8	ND	10.6	ND	10.0
Acenaphthylene	208-96-8	NS	µg/L	ND	9.82	ND	9.83	ND	10.0	ND	10.0	ND	10.0	ND	11.7	ND	10.0	ND	10.0	**0.83**	0.19	ND	5.0	ND	10.8	ND	10.6	ND	10.0
Anthracene	120-12-7	50	µg/L	ND	9.82	ND	9.83	ND	10.0	ND	10.0	ND	10.0	ND	11.7	ND	10.0	ND	10.0	ND	0.19	ND	5.0	ND	10.8	ND	10.6	ND	10.0
Benzo(a)anthracene	56-55-3	0.002	µg/L	ND	9.82	ND	9.83	ND	10.0	ND	10.0	ND	10.0	ND	11.7	ND	10.0	ND	10.0	ND	0.19	ND	5.0	ND	10.8	ND	10.6	ND	10.0
Benzo(a)pyrene	50-32-8	ND	µg/L	ND	9.82	ND	9.83	ND	10.0	ND	10.0	ND	10.0	ND	11.7	ND	10.0	ND	10.0	ND	0.19	ND	10.0	ND	10.8	ND	10.6	ND	10.0
Benzo(b)fluoranthene	205-99-2	0.002	µg/L	ND	9.82	ND	9.83	ND	10.0	ND	10.0	ND	10.0	ND	11.7	ND	10.0	ND	10.0	ND	0.19	ND	10.0	ND	10.8	ND	10.6	ND	10.0
Benzo(g,h,i)perylene	191-24-2	NS	µg/L	ND	9.82	ND	9.83	ND	10.0	ND	10.0	ND	10.0	ND	11.7	ND	10.0	ND	10.0	ND	0.19	ND	10.0	ND	10.8	ND	10.6	ND	10.0
Benzo(k)fluoranthene	207-08-9	0.002	µg/L	ND	9.82	ND	9.83	ND	10.0	ND	10.0	ND	10.0	ND	11.7	ND	10.0	ND	10.0	ND	0.19	ND	10.0	ND	10.8	ND	10.6	ND	10.0
Dibenzo(a,h)anthracene	53-70-3	NS	µg/L	ND	9.82	ND	9.83	ND	10.0	ND	10.0	ND	10.0	ND	11.7	ND	10.0	ND	10.0	ND	0.19	ND	5.0	ND	10.8	ND	10.6	ND	10.0
Chrysene	218-01-9	0.002	µg/L	ND	9.82	ND	9.83	ND	10.0	ND	10.0	ND	10.0	ND	11.7	ND	10.0	ND	10.0	ND	0.19	ND	5.0	ND	10.8	ND	10.6	ND	10.0
Fluoranthene	206-44-0	50	µg/L	ND	9.82	ND	9.83	ND	10.0	ND	10.0	ND	10.0	ND	11.7	ND	10.0	ND	10.0	**0.63**	0.19	ND	5.0	ND	10.8	ND	10.6	ND	10.0
Fluorene	86-73-7	50	µg/L	ND	9.82	ND	9.83	ND	10.0	ND	10.0	ND	10.0	ND	11.7	ND	10.0	ND	10.0	**0.82**	0.19	ND	5.0	ND	10.8	ND	10.6	ND	10.0
Indeno(1,2,3-cd) pyrene	193-39-5	0.002	µg/L	ND	9.82	ND	9.83	ND	10.0	ND	10.0	ND	10.0	ND	11.7	ND	10.0	ND	10.0	ND	0.19	ND	5.0	ND	10.8	ND	10.6	ND	10.0
2-methylnaphthalene	91-57-6	NS	µg/L	ND	9.82	ND	9.83	ND	10.0	ND	10.0	ND	10.0	NT		NT		NT		NT		ND	5.0	NT		NT		NT	
Naphthalene	91-20-3	10	µg/L	ND	9.82	ND	9.83	ND	10.0	ND	10.0	ND	10.0	ND	11.7	ND	10.0	ND	10.0	ND	0.19	ND	5.0	ND	10.8	ND	10.6	ND	10.0
Phenanthrene	85-01-8	50	µg/L	ND	9.82	ND	9.83	ND	10.0	ND	10.0	ND	10.0	ND	11.7	ND	10.0	ND	10.0	ND	0.19	ND	5.0	ND	10.8	ND	10.6	ND	10.0
Pyrene	129-00-0	50	µg/L	ND	9.82	ND	9.83	ND	10.0	ND	10.0	ND	10.0	ND	11.7	ND	10.0	ND	10.0	**0.35**	0.19	ND	5.0	ND	10.8	ND	10.6	ND	10.0
Cyanide																													
Cyanide, Total	NA	0.2	mg/L	**0.177**	0.0100	**0.168**	0.0100	**0.133**	0.0100	**0.140**	0.0100	**0.118**	0.0100	**0.144**	0.0100	**0.13**	0.010	**0.11**	0.010	**0.16**	0.005	**0.11**	0.010	**0.11** S	0.010	**0.15**	0.010	**0.13**	0.010

Notes:
1. µg/L = micrograms per liter
2. mg/L = milligrams per liter
3. NT = not tested, NS = No standard, and ND = non-detect
4. Division of Water Technical and Operational Guidance Series (TOGS) (1.1.1) Ambient Water Quality Standards and Groundwater Effluent Limitations, June 1998.
5. **Bold Sample result** = compound was detected.
6. **Gray shading indicates the sample result is above the TOGS 1.1.1 Standards, Criteria and Guidance Value.**
7. J is a laboratory data qualifier indicating "Result estimated between the quantitation limit and half the quantitation limit."
8. M is a laboratory data qualifier indicating "Matrix spike recoveries outside QC limits. Matrix bias indicated."
9. S is a laboratory data qualifier indicating "LCS spike recovery is below acceptable limits."

Table 2 (page 3 of 4)
NYSEG Seneca Falls MGP, 187 Fall Street, Seneca Falls, NY
NYSDEC Site No. 850010
Groundwater Sample Analytical Results

		Sample Location		MW3		MW3		MW3		MW3		Duplicate (MW3)		MW3		Duplicate (MW3)		MW3		Duplicate (MW3)		MW3		MW3		MW3		Duplicate (MW3)		MW3		MW3	
		Sample Date		3/16/2020		9/17/2020		3/25/2021		9/24/2021				4/5/2022				11/1/2022				4/3/2023		10/9/2023		4/18/2024				10/7/2024		5/8/2025	
		Sample Identification		SF-MW-3		SF-MW-3		SF-MW3		SF-MW3		SF-DUP		SF-MW3		SF-DUP		SF-MW-3		SF-DUP		SF-MW3		MW-3_100923		SF-MW3_041822		SF-Dup_041824		SF_MW-3_100724		SF_MW-3_050825	
Analyte	Cas No.	TOGS 1.1.1 Groundwater SCG	Units	Result	Reporting Limit	Result	Reporting Limit	Result	Reporting Limit	Result	Reporting Limit	Result	Reporting Limit	Result	Reporting Limit	Result	Reporting Limit	Result	Reporting Limit	Result	Reporting Limit	Result	Reporting Limit	Result	Reporting Limit	Result	Reporting Limit	Result	Reporting Limit	Result	Reporting Limit	Result	Reporting Limit
BTEX																																	
Benzene	71-43-2	1	µg/L	**1.54**	1.00	ND	1.00	ND	1.00	ND	1.00	**0.543** J	1.00	ND	1.00	ND	1.00	ND	1.00	ND	1.00	ND	5.00	ND	1.00	ND	1.00	ND	1.00	ND	1.00	ND	1.00
Toluene	108-88-3	5	µg/L	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	5.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00
Ethylbenzene	100-41-4	5	µg/L	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	5.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00
m,p-Xylene	1330-20-7	5	µg/L	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	5.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00
o-Xylene			µg/L	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	5.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00
PAHs																																	
Acenaphthene	83-32-9	20	µg/L	ND	9.91	ND	10.0	ND	10.0	ND	11.6	ND	11.6	ND	10.0	ND	10.0	ND	10.0	ND	10.0	0.26	0.19	ND	5.00	ND	10.1	ND	10.8	ND	10.5	ND	10.0
Acenaphthylene	208-96-8	NS	µg/L	ND	9.91	ND	10.0	ND	10.0	ND	11.6	ND	11.6	ND	10.0	ND	10.0	ND	10.0	ND	10.0	0.68	0.19	ND	5.00	ND	10.1	ND	10.8	ND	10.5	ND	10.0
Anthracene	120-12-7	50	µg/L	ND	9.91	ND	10.0	ND	10.0	ND	11.6	ND	11.6	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	0.19	ND	5.00	ND	10.1	ND	10.8	ND	10.5	ND	10.0
Benzo(a)anthracene	56-55-3	0.002	µg/L	ND	9.91	ND	10.0	ND	10.0	ND	11.6	ND	11.6	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	0.19	ND	5.00	ND	10.1	ND	10.8	ND	10.5	ND	10.0
Benzo(a)pyrene	50-32-8	ND	µg/L	ND	9.91	ND	10.0	ND	10.0	ND	11.6	ND	11.6	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	0.19	ND	10.00	ND	10.1	ND	10.8	ND	10.5	ND	10.0
Benzo(b)fluoranthene	205-99-2	0.002	µg/L	ND	9.91	ND	10.0	ND	10.0	ND	11.6	ND	11.6	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	0.19	ND	10.00	ND	10.1	ND	10.8	ND	10.5	ND	10.0
Benzo(g,h,i)perylene	191-24-2	NS	µg/L	ND	9.91	ND	10.0	ND	10.0	ND	11.6	ND	11.6	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	0.19	ND	10.00	ND	10.1	ND	10.8	ND	10.5	ND	10.0
Benzo(k)fluoranthene	207-08-9	0.002	µg/L	ND	9.91	ND	10.0	ND	10.0	ND	11.6	ND	11.6	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	0.19	ND	10.00	ND	10.1	ND	10.8	ND	10.5	ND	10.0
Dibenzo(a,h)anthracene	53-70-3	NS	µg/L	ND	9.91	ND	10.0	ND	10.0	ND	11.6	ND	11.6	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	0.19	ND	5.00	ND	10.1	ND	10.8	ND	10.5	ND	10.0
Chrysene	218-01-9	0.002	µg/L	ND	9.91	ND	10.0	ND	10.0	ND	11.6	ND	11.6	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	0.19	ND	5.00	ND	10.1	ND	10.8	ND	10.5	ND	10.0
Fluoranthene	206-44-0	50	µg/L	ND	9.91	ND	10.0	ND	10.0	ND	11.6	ND	11.6	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	0.19	ND	5.00	ND	10.1	ND	10.8	ND	10.5	ND	10.0
Fluorene	86-73-7	50	µg/L	ND	9.91	ND	10.0	ND	10.0	ND	11.6	ND	11.6	ND	10.0	ND	10.0	ND	10.0	ND	10.0	0.53	0.19	ND	5.00	ND	10.1	ND	10.8	ND	10.5	ND	10.0
Indeno(1,2,3-cd) pyrene	193-39-5	0.002	µg/L	ND	9.91	ND	10.0	ND	10.0	ND	11.6	ND	11.6	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	0.19	ND	5.00	ND	10.1	ND	10.8	ND	10.5	ND	10.0
2-methylnaphthalene	91-57-6	NS	µg/L	ND	9.91	ND	10.0	ND	10.0	NT		NT		NT		NT		NT		NT		ND	0.19	ND	5.00	NT	NT	NT	NT	NT		NT	
Naphthalene	91-20-3	10	µg/L	ND	9.91	ND	10.0	ND	10.0	ND	11.6	ND	11.6	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	0.19	ND	5.00	ND	10.1	ND	10.8	ND	10.5	ND	10.0
Phenanthrene	85-01-8	50	µg/L	ND	9.91	ND	10.0	ND	10.0	ND	11.6	ND	11.6	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	0.19	ND	5.00	ND	10.1	ND	10.8	ND	10.5	ND	10.0
Pyrene	129-00-0	50	µg/L	ND	9.91	ND	10.0	ND	10.0	ND	11.6	ND	11.6	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	0.19	ND	5.00	ND	10.1	ND	10.8	ND	10.5	ND	10.0
Cyanide																																	
Cyanide, Total	NA	0.2	mg/L	**0.0961**	0.0100	**0.0801**	0.0100	**0.0818**	0.0100	**0.0888**	0.0100	**0.1010**	0.0100	**0.088**	0.0100	**0.082**	0.0100	**0.012**	0.010	**0.013**	0.010	**0.101**	0.0100	**0.062**	0.0100	**0.10** S	0.0100	**0.09** S	0.0100	**0.12**	0.010	**0.094**	0.010

Notes:
1. µg/L = micrograms per liter
2. mg/L = milligrams per liter
3. NT = not tested, NS = No standard, and ND = non-detect
4. Division of Water Technical and Operational Guidance Series (TOGS) (1.1.1) Ambient Water Quality Standards and Groundwater Effluent Limitations, June 1998.
5. **Bold Sample result** = compound was detected.
6. **Gray shading indicates the sample result is above the TOGS 1.1.1 Standards, Criteria and Guidance Value.**
7. J is a laboratory data qualifier indicating "Result estimated between the quantitation limit and half the quantitation limit."
8. M is a laboratory data qualifier indicating "Matrix spike recoveries outside QC limits. Matrix bias indicated."
9. S is a laboratory data qualifier indicating "LCS spike recovery is below acceptable limits."

NEU-VELLE LLC

Table 2 (page 4 of 4)
NYSEG Seneca Falls MGP, 187 Fall Street, Seneca Falls, NY
NYSDEC Site No. 850010
Groundwater Sample Analytical Results

Sample Location				MW4		MW4		Duplicate (MW4)		MW4		MW4		MW4		MW4		MW4		MW4		MW4		MW4		MW4	
Sample Date				3/16/2020		9/17/2020		9/17/2020		3/25/2021		9/24/2021		4/5/2022		10/31/2022		4/3/2023		10/9/2023		4/18/2024		10/7/2024		5/8/2025	
Sample Identification				SF-MW-4		SF-MW-4		SF-Duplicate		SF-MW4		SF-MW4		SF-MW4		SF-MW-4		SF-MW-4		MW-4_100923		SF-MW-4_041824		SF_MW-4_100724		SF_MW-4_050825	
Analyte	Cas No.	TOGS 1.1.1 Groundwater SCG	Units	Result	Reporting Limit	Result	Reporting Limit	Result	Reporting Limit	Result	Reporting Limit	Result	Reporting Limit	Result	Reporting Limit	Result	Reporting Limit	Result	Reporting Limit	Result	Reporting Limit	Result	Reporting Limit	Result	Reporting Limit	Result	Reporting Limit
BTEX																											
Benzene	71-43-2	1	µg/L	**1.08**	1.00	ND	1.00	ND	1.00	ND	1.00	ND	1.00	ND	1.00	ND	1.00	ND	5.00	ND	1.00	ND	1.00	ND	1.00	ND	1.00
Toluene	108-88-3	5	µg/L	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	5.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00
Ethylbenzene	100-41-4	5	µg/L	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	5.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00
m,p-Xylene	1330-20-7	5	µg/L	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	5.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00
o-Xylene			µg/L	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	5.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00
PAHs																											
Acenaphthene	83-32-9	20	µg/L	ND	9.71	ND	10.0	ND	10.0	ND	10.0	ND	11.5	ND	10.0	ND	10.0	ND	0.19	ND	5.0	ND	9.90	ND	10.9	ND	10.0
Acenaphthylene	208-96-8	NS	µg/L	ND	9.71	ND	10.0	ND	10.0	ND	10.0	ND	11.5	ND	10.0	ND	10.0	ND	0.19	ND	5.0	ND	9.90	ND	10.9	ND	10.0
Anthracene	120-12-7	50	µg/L	ND	9.71	ND	10.0	ND	10.0	ND	10.0	ND	11.5	ND	10.0	ND	10.0	ND	0.19	ND	5.0	ND	9.90	ND	10.9	ND	10.0
Benzo(a)anthracene	56-55-3	0.002	µg/L	ND	9.71	ND	10.0	ND	10.0	ND	10.0	ND	11.5	ND	10.0	ND	10.0	ND	0.19	ND	5.0	ND	9.90	ND	10.9	ND	10.0
Benzo(a)pyrene	50-32-8	ND	µg/L	ND	9.71	ND	10.0	ND	10.0	ND	10.0	ND	11.5	ND	10.0	ND	10.0	ND	0.19	ND	10.0	ND	9.90	ND	10.9	ND	10.0
Benzo(b)fluoranthene	205-99-2	0.002	µg/L	ND	9.71	ND	10.0	ND	10.0	ND	10.0	ND	11.5	ND	10.0	ND	10.0	ND	0.19	ND	10.0	ND	9.90	ND	10.9	ND	10.0
Benzo(g,h,i)perylene	191-24-2	NS	µg/L	ND	9.71	ND	10.0	ND	10.0	ND	10.0	ND	11.5	ND	10.0	ND	10.0	ND	0.19	ND	10.0	ND	9.90	ND	10.9	ND	10.0
Benzo(k)fluoranthene	207-08-9	0.002	µg/L	ND	9.71	ND	10.0	ND	10.0	ND	10.0	ND	11.5	ND	10.0	ND	10.0	ND	0.19	ND	10.0	ND	9.90	ND	10.9	ND	10.0
Dibenzo(a,h)anthracene	53-70-3	NS	µg/L	ND	9.71	ND	10.0	ND	10.0	ND	10.0	ND	11.5	ND	10.0	ND	10.0	ND	0.19	ND	5.0	ND	9.90	ND	10.9	ND	10.0
Chrysene	218-01-9	0.002	µg/L	ND	9.71	ND	10.0	ND	10.0	ND	10.0	ND	11.5	ND	10.0	ND	10.0	ND	0.19	ND	5.0	ND	9.90	ND	10.9	ND	10.0
Fluoranthene	206-44-0	50	µg/L	ND	9.71	ND	10.0	ND	10.0	ND	10.0	ND	11.5	ND	10.0	ND	10.0	ND	0.19	ND	5.0	ND	9.90	ND	10.9	ND	10.0
Fluorene	86-73-7	50	µg/L	ND	9.71	ND	10.0	ND	10.0	ND	10.0	ND	11.5	ND	10.0	ND	10.0	ND	0.19	ND	5.0	ND	9.90	ND	10.9	ND	10.0
Indeno(1,2,3-cd) pyrene	193-39-5	0.002	µg/L	ND	9.71	ND	10.0	ND	10.0	ND	10.0	ND	11.5	ND	10.0	ND	10.0	ND	0.19	ND	5.0	ND	9.90	ND	10.9	ND	10.0
2-methylnaphthalene	91-57-6	NS	µg/L	ND	9.71	ND	10.0	ND	10.0	ND	10.0	NT		NT		NT		NT		NT		NT		NT		NT	NT
Naphthalene	91-20-3	10	µg/L	ND	9.71	ND	10.0	ND	10.0	ND	10.0	ND	11.5	ND	10.0	ND	10.0	ND	0.19	ND	5.0	ND	9.90	ND	10.9	ND	10.0
Phenanthrene	85-01-8	50	µg/L	ND	9.71	ND	10.0	ND	10.0	ND	10.0	ND	11.5	ND	10.0	ND	10.0	ND	0.19	ND	5.0	ND	9.90	ND	10.9	ND	10.0
Pyrene	129-00-0	50	µg/L	ND	9.71	ND	10.0	ND	10.0	ND	10.0	ND	11.5	ND	10.0	ND	10.0	ND	0.19	ND	5.0	ND	9.90	ND	10.9	ND	10.0
Cyanide																											
Cyanide, Total	NA	0.2	mg/L	**0.186**	0.0100	**0.0996**	0.0100	**0.0978**	0.0100	**0.140**	0.0100	**0.116** M	0.0100	**0.15**	0.0100	**0.11**	0.0100	**0.137**	0.0050	**0.130**	0.010	**0.15** S	0.010	**0.13**	0.010	**0.13**	0.010

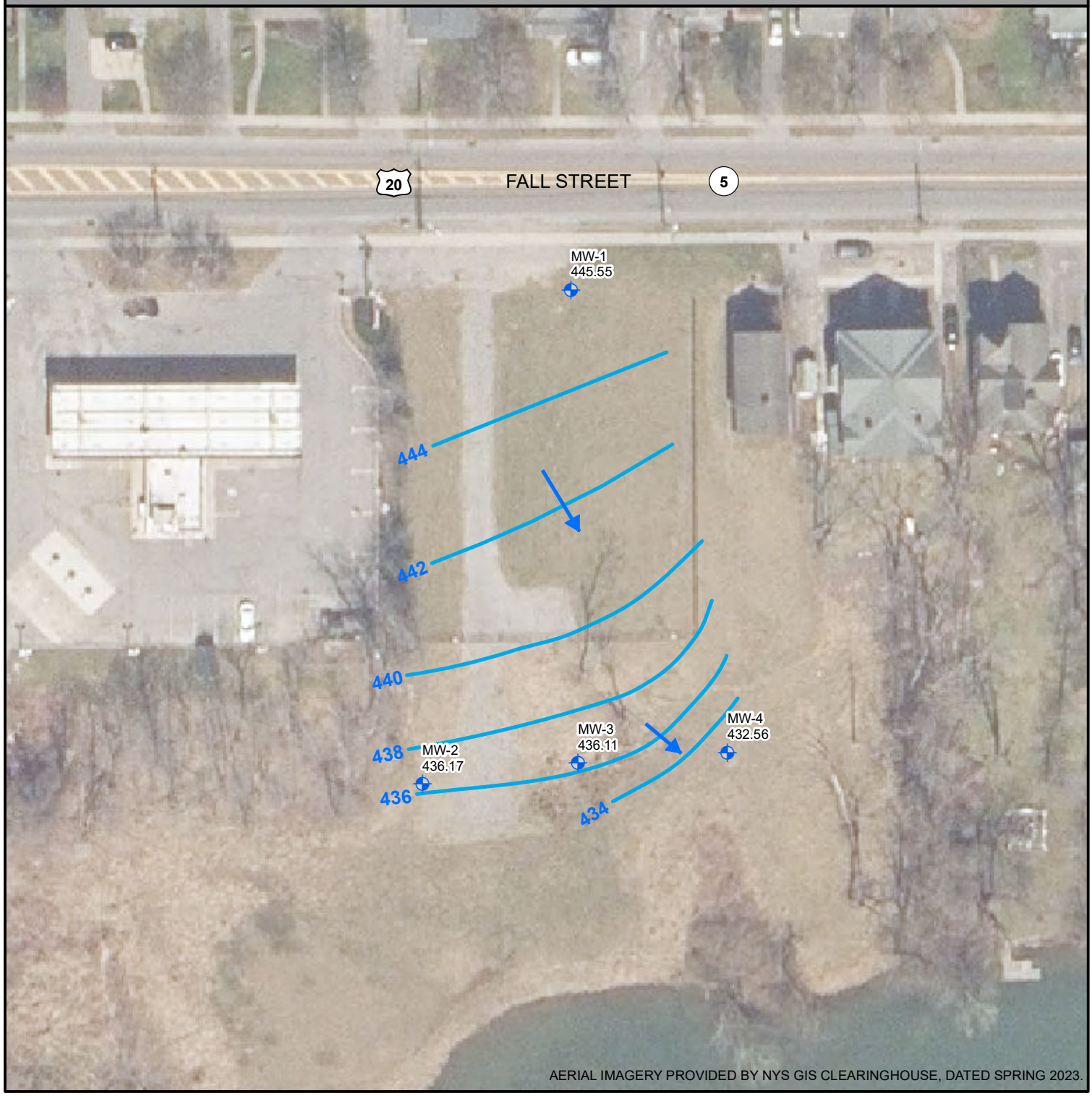
Notes:
1. µg/L = micrograms per liter
2. mg/L = milligrams per liter
3. NT = not tested, NS = No standard, and ND = non-detect
4. Division of Water Technical and Operational Guidance Series (TOGS) (1.1.1) Ambient Water Quality
5. **Bold Sample result** = compound was detected.
6. **Gray shading indicates the sample result is above the TOGS 1.1.1 Standards, Criteria and Guidance Value.**
7. J is a laboratory data qualifier indicating "Result estimated between the quantitation limit and half the quantitation limit."
8. M is a laboratory data qualifier indicating "Matrix spike recoveries outside QC limits. Matrix bias indicated."
9. S is a laboratory data qualifier indicating "LCS spike recovery is below acceptable limits."

Figures

NEU-VELLE LLC

C:\Users\LoganReid\Neu-Velle LLC\Public - Documents\Clients\RG&E\Seneca Falls\Docs\DWG\MXD\GW_RPTS\GW_CTOURS_MAY_2025.mxd

FIGURE 1



LEGEND

- MONITORING WELL
- INFERRED GROUNDWATER ELEVATION CONTOURS (FT NAVD88)
- GROUNDWATER FLOW DIRECTION

NOTES:
1. GROUNDWATER ELEVATIONS WERE MEASURED ON 5/7/2025.

NEW YORK STATE ELECTRIC & GAS CORPORATION
SENECA FALLS FORMER MGP SITE
187 FALL STREET
SENECA FALLS, NEW YORK
NYSDEC SITE NO. 850010

GROUNDWATER ELEVATION CONTOURS - MAY 2025

60 30 0 60
Feet

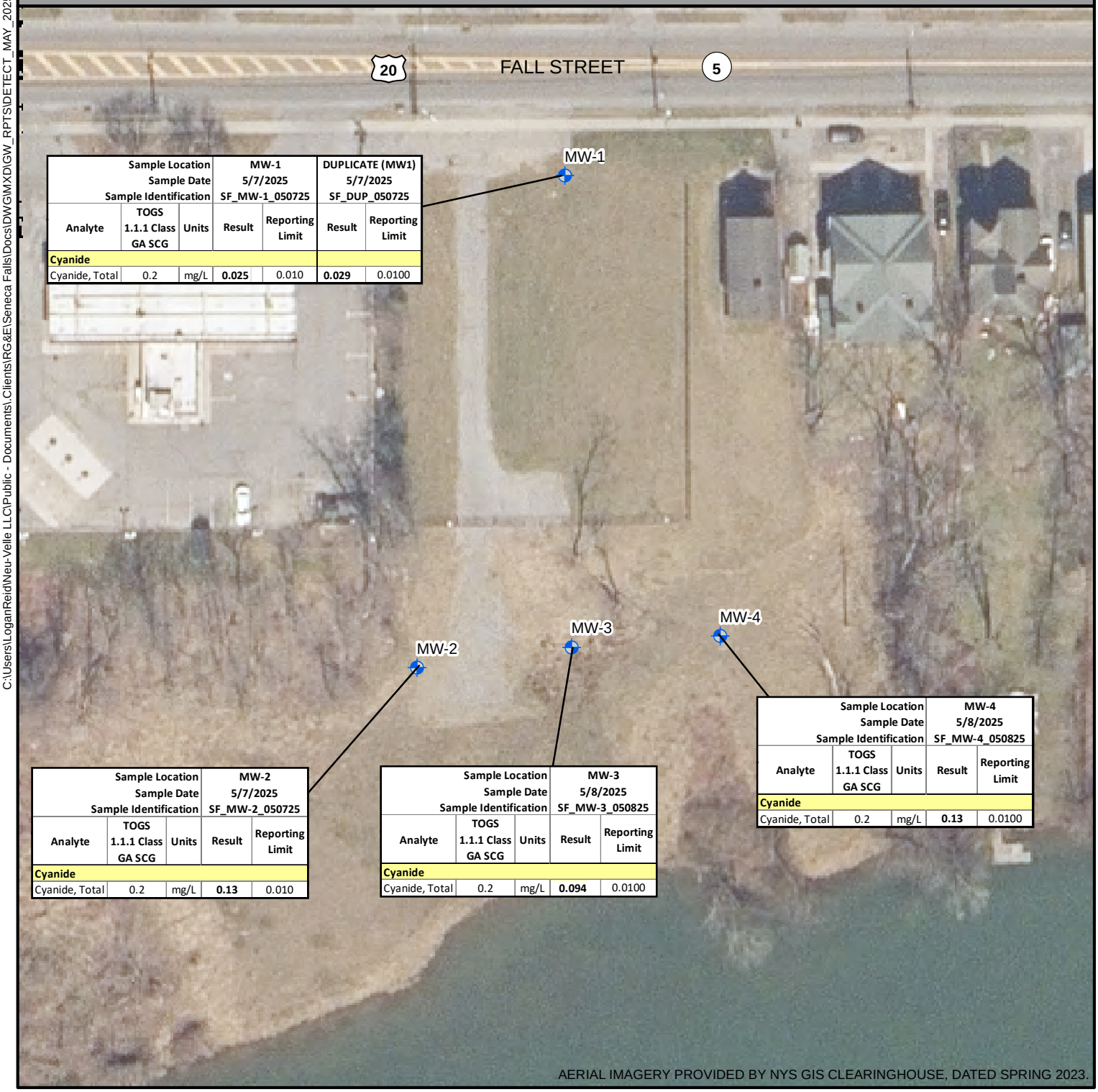
N

AUGUST 2025

NEU-VELLE LLC

C:\Users\LoganReid\Neu-Velle LLC\Public - Documents\Clients\RG&E\Seneca Falls\Docs\DWG\MXD\GW_RPTS\DETECT_MAY_2025.mxd

FIGURE 2



Sample Location			MW-1		DUPLICATE (MW1)	
Sample Date			5/7/2025		5/7/2025	
Sample Identification			SF_MW-1_050725		SF_DUP_050725	
Analyte	TOGS 1.1.1 Class GA SCG	Units	Result	Reporting Limit	Result	Reporting Limit
Cyanide						
Cyanide, Total	0.2	mg/L	**0.025**	0.010	**0.029**	0.0100

Sample Location			MW-2	
Sample Date			5/7/2025	
Sample Identification			SF_MW-2_050725	
Analyte	TOGS 1.1.1 Class GA SCG	Units	Result	Reporting Limit
Cyanide				
Cyanide, Total	0.2	mg/L	**0.13**	0.010

Sample Location			MW-3	
Sample Date			5/8/2025	
Sample Identification			SF_MW-3_050825	
Analyte	TOGS 1.1.1 Class GA SCG	Units	Result	Reporting Limit
Cyanide				
Cyanide, Total	0.2	mg/L	**0.094**	0.0100

Sample Location			MW-4	
Sample Date			5/8/2025	
Sample Identification			SF_MW-4_050825	
Analyte	TOGS 1.1.1 Class GA SCG	Units	Result	Reporting Limit
Cyanide				
Cyanide, Total	0.2	mg/L	**0.13**	0.0100

LEGEND

MONITORING WELL

NOTES:
BOLD SAMPLE RESULT = COMPOUND WAS DETECTED.

NEW YORK STATE ELECTRIC & GAS CORPORATION
SENECA FALLS FORMER MGP SITE
187 FALL STREET
SENECA FALLS, NEW YORK
NYSDEC SITE NO. 850010

GROUNDWATER ANALYTICAL DETECTIONS - MAY 2025

N

60 30 0 60
Feet

AUGUST 2025

NEU-VELLE LLC

Attachment 1
Groundwater Sample Logs

NEU-VELLE LLC

NEU-VELLE, LLC — **Low Flow Ground Water Sampling Log**

Date	5/7/2025	Personnel	Andrew Rothfuss	Weather	56°F Cloudy/Light Rain
Site Name	RGE Seneca Falls	Evacuation Method	Bladder Pump 1.75-in. dia.	Well #	MW-1
Site Location	Seneca Falls NY	Sampling Method	Bladder Pump 1.75-in. dia.	Project #	

Well information:

Depth of Well * 22.1 ft.
Depth to Water * 10.65 ft.
Length of Water Column ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

NSNAPL

Start Purge Time: 1130

Time	Depth To Water (Ft. BTOC)	Temperature (°C)	pH	Conductivity (µs/cm)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
1135								
1140	-	12.4	7.82	0.93	-26.4	12.97	over	200
1145	10.94	11.5	7.61	0.98	-42.5	8.77	over	
1150	11.85	11.4	7.48	0.91	-54.3	4.38	over	
1155	11.85	11.4	7.39	0.88	-60.9	4.35	over	
1200	11.85	11.3	7.31	0.88	-30.7	3.82	over	
1205	11.86	11.5	7.28	1.08	-69.4	2.86	over	
1210	11.85	11.3	7.26	1.06	-72	2.79	over	
1215	11.85	11.3	7.24	1.17	-78.6	2.03	1089.1	
1220	11.85	11.3	7.25	1.17	-80.9	2.03	over	
1225	11.85							
1230								

End Purge Time: 1225

~~MW-1~~ MS/MSD Duplicate

Water sample:
Time collected: 1230

Total volume of purged water removed: 2.5 gal+.

Physical appearance at start
Color brown/milky
Odor none
Sheen/Free Product none

Physical appearance at sampling
Color cloudy/brown
Odor none
Sheen/Free Product none

11 SF_MW-1_050725 11 ~~SF~~ SF_DUP_050725 11

Analytical Parameters:

NEU-VELLE, LLC — **Low Flow Ground Water Sampling Log**

Date	5/7/2025	Personnel	Andrew Rothfuss	Weather	60°F Cloudy
Site Name	RGE Seneca Falls	Evacuation Method	Bladder Pump 1.75-in. dia.	Well #	MW-2
Site Location	Seneca Falls NY	Sampling Method	Bladder Pump 1.75-in. dia.	Project #	

Well information:

Depth of Well *	20+ ft.	* Measurements taken from	
Depth to Water *	3.12 ft.	X	Top of Well Casing
Length of Water Column	ft.		Top of Protective Casing
			(Other, Specify)

No NAPL

Start Purge Time: 1345

Time	Depth To Water (Ft. BTOC)	Temperature (°C)	pH	Conductivity (µs/cm)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
1350	—	12.5	7.03	2.04	-97.5	0.02	over	200
1355	4.94	12.5	7.05	2.14	-121.3	—	over	
1400	5.30	12.3	7.02	2.14	-129.5	—	over	
1405	5.81	12.2	7.07	2.14	-132.6	1.85	over	
1410	6.05	12.4	6.98	2.14	-130.3	3.21	over	
1415	6.12	12.1	6.94	2.14	-125.0	6.78	over	
1420	6.15	12.1	6.98	2.14	-122.1	6.14	over	

End Purge Time: ~~1345~~ 1420

EB@ 1330 SF_EB_050725

Water sample:

Time collected: 1425

Total volume of purged water removed:

Physical appearance at start		Physical appearance at sampling	
Color	reddish brown	Color	reddish/clear
Odor	None	Odor	none
Sheen/Free Product	~~None~~ slight sheen "organic sheen"	Sheen/Free Product	none

"SF_MW-2_050725" @ 12/25

Analytical Parameters:

Btex (1) Amber
PAH (2) Glass
Cyanide (1) Plastic

NEU-VELLE, LLC — **Low Flow Ground Water Sampling Log**

Date	5/8/2025	Personnel	Andrew Rothfuss	Weather	56°F Cloudy
Site Name	RGE Seneca Falls	Evacuation Method	Bladder Pump 1.75-in. dia.	Well #	MW-3
Site Location	Seneca Falls NY	Sampling Method	Bladder Pump 1.75-in. dia.	Project #	

Well information:

Depth of Well * 19.1± ft.
Depth to Water * 1 ft. ft.
Length of Water Column ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

No NAPL

Start Purge Time: 1215

Time	Depth To Water (Ft. BTOC)	Temperature (°C)	pH	Conductivity (µs/cm)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
1220	–	10.8	7.21	1.50	-7.4	6.60	over	300
1225	2.96	11.0	7.59	1.67	-2.9	7.53	over	
1230	3.55	11.0	7.09	1.68	-10.3	6.95	over	
1235	3.72	10.8	7.73	1.69	-29.1	5.66	over	
1240	3.91	10.8	7.19	1.70	-38.4	5.08	over	
1245	4.12	10.7	7.18	1.71	-48.0	4.00	over	
1250	4.13	10.7	7.15	1.75	-62.4	3.73	over	
1255	4.13	10.7	7.16	1.76	-66.7	3.72	over	

End Purge Time: 1255

Water at ground level – Canal is full

Water sample:

Time collected: 1300

Total volume of purged water removed:

Physical appearance at start
Color brown / mud
Odor None
Sheen/Free Product None

Physical appearance at sampling
Color Yellowish / Clear
Odor None
Sheen/Free Product None

"SF_MW-3_050825"

Analytical Parameters:

BTEX
PAH
Cyanide.

NEU-VELLE, LLC — **Low Flow Ground Water Sampling Log**

Date	5/8/2025	Personnel	Andrew Rothfuss	Weather	@ 56°F Cloudy
Site Name	RGE Seneca Falls	Evacuation Method	Bladder Pump 1.75-in. dia.	Well #	MW-4
Site Location	Seneca Falls NY	Sampling Method	Bladder Pump 1.75-in. dia.	Project #	

Well information:

Depth of Well * 19± ft.
Depth to Water * 4.40 ft.
Length of Water Column ft.

* Measurements taken from

X	Top of Well Casing
	Top of Protective Casing
	(Other, Specify)

NO NAPL

Start Purge Time: 1310

Time	Depth To Water (Ft. BTOC)	Temperature (°C)	pH	Conductivity (µs/cm)	Oxidation Reduction Potential	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
1315	4.40	9.8	7.11	1.22	-81.4	0.17	80.1	300
1320	6.03	9.8	7.13	1.21	-87.8	—	62.4	
1325	7.28	9.8	7.28	1.20	-96.1	—	47.3	
1330	8.00	9.7	7.16	1.19	-106.9	—	36.6	
1335	8.05	9.7	7.16	1.19	-111.1	—	53.1	
1340	8.07	9.7	7.16	1.19	-113.3	—	37.6	
1345	8.10	9.7	7.16	1.19	-103.4	—	4.7	

End Purge Time: 1345

Water sample:

Time collected: 1350

Total volume of purged water removed: 3.5± gal

Physical appearance at start
Color Yellowish/Clear
Odor None
Sheen/Free Product None

Physical appearance at sampling
Color Clear
Odor None
Sheen/Free Product None

"SF-MW-4-050825"

Analytical Parameters:

BTEX
PAH
Cyanide

No Oxygen detected
DO % at around -1.3%

Exhibit A
Laboratory Report

NEU-VELLE LLC

PARADIGM
ENVIRONMENTAL SERVICES, INC

Analytical Report For

Neu-Velle

For Lab Project ID

251998

Referencing

RGE Seneca Falls

Prepared

Monday, May 19, 2025

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below:

Portions of the enclosed report reflects analysis that has been subcontracted and are presented in their original form.

Emily Farmer

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 251998

Client: **Neu-Velle**

Project Reference: RGE Seneca Falls

Sample Identifier:	SF_MW-1_050725		
Lab Sample ID:	251998-01	**Date Sampled:** 5/7/2025	12:30
Matrix:	Groundwater	**Date Received** 5/9/2025	

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 10.0	ug/L	D	5/14/2025 15:35
Acenaphthylene	< 10.0	ug/L		5/14/2025 15:35
Anthracene	< 10.0	ug/L		5/14/2025 15:35
Benzo (a) anthracene	< 10.0	ug/L		5/14/2025 15:35
Benzo (a) pyrene	< 10.0	ug/L		5/14/2025 15:35
Benzo (b) fluoranthene	< 10.0	ug/L		5/14/2025 15:35
Benzo (g,h,i) perylene	< 10.0	ug/L		5/14/2025 15:35
Benzo (k) fluoranthene	< 10.0	ug/L		5/14/2025 15:35
Chrysene	< 10.0	ug/L		5/14/2025 15:35
Dibenz (a,h) anthracene	< 10.0	ug/L		5/14/2025 15:35
Fluoranthene	< 10.0	ug/L		5/14/2025 15:35
Fluorene	< 10.0	ug/L		5/14/2025 15:35
Indeno (1,2,3-cd) pyrene	< 10.0	ug/L		5/14/2025 15:35
Naphthalene	< 10.0	ug/L		5/14/2025 15:35
Phenanthrene	< 10.0	ug/L		5/14/2025 15:35
Pyrene	< 10.0	ug/L	M	5/14/2025 15:35

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
2-Fluorobiphenyl	**53.2**	13.1 - 107		5/14/2025 15:35
Nitrobenzene-d5	**71.1**	41.8 - 106		5/14/2025 15:35
Terphenyl-d14	**94.0**	52.5 - 120		5/14/2025 15:35

Method Reference(s): EPA 8270D
EPA 3510C
Preparation Date: 5/13/2025
Data File: B77739.D

Volatile Organics (BTEX)

Analyte	Result	Units	Qualifier	Date Analyzed
Benzene	< 1.00	ug/L		5/14/2025 18:07
Ethylbenzene	< 2.00	ug/L		5/14/2025 18:07

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 251998

Client: **Neu-Velle**

Project Reference: RGE Seneca Falls

Sample Identifier:	SF_MW-1_050725		
Lab Sample ID:	251998-01	**Date Sampled:** 5/7/2025	12:30
Matrix:	Groundwater	**Date Received** 5/9/2025	

m,p-Xylene	< 2.00	ug/L			5/14/2025	18:07
o-Xylene	< 2.00	ug/L			5/14/2025	18:07
Toluene	< 2.00	ug/L			5/14/2025	18:07

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**	
1,2-Dichloroethane-d4	**92.0**	85.5 - 117		5/14/2025	18:07
4-Bromofluorobenzene	**83.0**	80.8 - 113		5/14/2025	18:07
Pentafluorobenzene	**95.1**	90 - 110		5/14/2025	18:07
Toluene-D8	**95.4**	90 - 110		5/14/2025	18:07

Method Reference(s): EPA 8260C
EPA 5030C

Data File: z31100.D

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 251998

Client: **Neu-Velle**

Project Reference: RGE Seneca Falls

Sample Identifier:	SF_DUP_050725		
Lab Sample ID:	251998-02	**Date Sampled:**	5/7/2025
Matrix:	Groundwater	**Date Received**	5/9/2025

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 10.0	ug/L		5/14/2025 16:58
Acenaphthylene	< 10.0	ug/L		5/14/2025 16:58
Anthracene	< 10.0	ug/L		5/14/2025 16:58
Benzo (a) anthracene	< 10.0	ug/L		5/14/2025 16:58
Benzo (a) pyrene	< 10.0	ug/L		5/14/2025 16:58
Benzo (b) fluoranthene	< 10.0	ug/L		5/14/2025 16:58
Benzo (g,h,i) perylene	< 10.0	ug/L		5/14/2025 16:58
Benzo (k) fluoranthene	< 10.0	ug/L		5/14/2025 16:58
Chrysene	< 10.0	ug/L		5/14/2025 16:58
Dibenz (a,h) anthracene	< 10.0	ug/L		5/14/2025 16:58
Fluoranthene	< 10.0	ug/L		5/14/2025 16:58
Fluorene	< 10.0	ug/L		5/14/2025 16:58
Indeno (1,2,3-cd) pyrene	< 10.0	ug/L		5/14/2025 16:58
Naphthalene	< 10.0	ug/L		5/14/2025 16:58
Phenanthrene	< 10.0	ug/L		5/14/2025 16:58
Pyrene	< 10.0	ug/L		5/14/2025 16:58

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
2-Fluorobiphenyl	**44.4**	13.1 - 107		5/14/2025 16:58
Nitrobenzene-d5	**52.7**	41.8 - 106		5/14/2025 16:58
Terphenyl-d14	**82.2**	52.5 - 120		5/14/2025 16:58

Method Reference(s): EPA 8270D
EPA 3510C
Preparation Date: 5/13/2025
Data File: B77742.D

Volatile Organics (BTEX)

Analyte	Result	Units	Qualifier	Date Analyzed
Benzene	< 1.00	ug/L		5/14/2025 17:47
Ethylbenzene	< 2.00	ug/L		5/14/2025 17:47

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 251998

Client: **Neu-Velle**

Project Reference: RGE Seneca Falls

Sample Identifier:	SF_DUP_050725		
Lab Sample ID:	251998-02	**Date Sampled:**	5/7/2025
Matrix:	Groundwater	**Date Received**	5/9/2025

m,p-Xylene	< 2.00	ug/L			5/14/2025 17:47
o-Xylene	< 2.00	ug/L			5/14/2025 17:47
Toluene	< 2.00	ug/L			5/14/2025 17:47

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**103**	85.5 - 117		5/14/2025 17:47
4-Bromofluorobenzene	**92.1**	80.8 - 113		5/14/2025 17:47
Pentafluorobenzene	**104**	90 - 110		5/14/2025 17:47
Toluene-D8	**103**	90 - 110		5/14/2025 17:47

Method Reference(s): EPA 8260C
EPA 5030C

Data File: z31099.D

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 251998

Client: **Neu-Velle**

Project Reference: RGE Seneca Falls

Sample Identifier:	SF_EB_050725		
Lab Sample ID:	251998-03	**Date Sampled:** 5/7/2025	13:30
Matrix:	Groundwater	**Date Received** 5/9/2025	

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 10.0	ug/L		5/14/2025 17:25
Acenaphthylene	< 10.0	ug/L		5/14/2025 17:25
Anthracene	< 10.0	ug/L		5/14/2025 17:25
Benzo (a) anthracene	< 10.0	ug/L		5/14/2025 17:25
Benzo (a) pyrene	< 10.0	ug/L		5/14/2025 17:25
Benzo (b) fluoranthene	< 10.0	ug/L		5/14/2025 17:25
Benzo (g,h,i) perylene	< 10.0	ug/L		5/14/2025 17:25
Benzo (k) fluoranthene	< 10.0	ug/L		5/14/2025 17:25
Chrysene	< 10.0	ug/L		5/14/2025 17:25
Dibenz (a,h) anthracene	< 10.0	ug/L		5/14/2025 17:25
Fluoranthene	< 10.0	ug/L		5/14/2025 17:25
Fluorene	< 10.0	ug/L		5/14/2025 17:25
Indeno (1,2,3-cd) pyrene	< 10.0	ug/L		5/14/2025 17:25
Naphthalene	< 10.0	ug/L		5/14/2025 17:25
Phenanthrene	< 10.0	ug/L		5/14/2025 17:25
Pyrene	< 10.0	ug/L		5/14/2025 17:25

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
2-Fluorobiphenyl	**43.7**	13.1 - 107		5/14/2025 17:25
Nitrobenzene-d5	**50.5**	41.8 - 106		5/14/2025 17:25
Terphenyl-d14	**69.8**	52.5 - 120		5/14/2025 17:25

Method Reference(s): EPA 8270D
EPA 3510C
Preparation Date: 5/13/2025
Data File: B77743.D

Volatile Organics (BTEX)

Analyte	Result	Units	Qualifier	Date Analyzed
Benzene	< 1.00	ug/L		5/14/2025 17:27
Ethylbenzene	< 2.00	ug/L		5/14/2025 17:27

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 251998

Client: **Neu-Velle**

Project Reference: RGE Seneca Falls

Sample Identifier:	SF_EB_050725		
Lab Sample ID:	251998-03	**Date Sampled:** 5/7/2025	13:30
Matrix:	Groundwater	**Date Received** 5/9/2025	

m,p-Xylene	< 2.00	ug/L		5/14/2025 17:27
o-Xylene	< 2.00	ug/L		5/14/2025 17:27
Toluene	< 2.00	ug/L		5/14/2025 17:27

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**101**	85.5 - 117		5/14/2025 17:27
4-Bromofluorobenzene	**91.4**	80.8 - 113		5/14/2025 17:27
Pentafluorobenzene	**107**	90 - 110		5/14/2025 17:27
Toluene-D8	**104**	90 - 110		5/14/2025 17:27

Method Reference(s): EPA 8260C
EPA 5030C

Data File: z31098.D

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 251998

Client: **Neu-Velle**

Project Reference: RGE Seneca Falls

Sample Identifier:	SF_MW-2_050725		
Lab Sample ID:	251998-04	**Date Sampled:** 5/7/2025	14:25
Matrix:	Groundwater	**Date Received** 5/9/2025	

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 10.0	ug/L		5/14/2025 17:53
Acenaphthylene	< 10.0	ug/L		5/14/2025 17:53
Anthracene	< 10.0	ug/L		5/14/2025 17:53
Benzo (a) anthracene	< 10.0	ug/L		5/14/2025 17:53
Benzo (a) pyrene	< 10.0	ug/L		5/14/2025 17:53
Benzo (b) fluoranthene	< 10.0	ug/L		5/14/2025 17:53
Benzo (g,h,i) perylene	< 10.0	ug/L		5/14/2025 17:53
Benzo (k) fluoranthene	< 10.0	ug/L		5/14/2025 17:53
Chrysene	< 10.0	ug/L		5/14/2025 17:53
Dibenz (a,h) anthracene	< 10.0	ug/L		5/14/2025 17:53
Fluoranthene	< 10.0	ug/L		5/14/2025 17:53
Fluorene	< 10.0	ug/L		5/14/2025 17:53
Indeno (1,2,3-cd) pyrene	< 10.0	ug/L		5/14/2025 17:53
Naphthalene	< 10.0	ug/L		5/14/2025 17:53
Phenanthrene	< 10.0	ug/L		5/14/2025 17:53
Pyrene	< 10.0	ug/L		5/14/2025 17:53

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
2-Fluorobiphenyl	**35.6**	13.1 - 107		5/14/2025 17:53
Nitrobenzene-d5	**40.4**	41.8 - 106	*	5/14/2025 17:53
Terphenyl-d14	**56.3**	52.5 - 120		5/14/2025 17:53

Method Reference(s): EPA 8270D
EPA 3510C
Preparation Date: 5/13/2025
Data File: B77744.D

Volatile Organics (BTEX)

Analyte	Result	Units	Qualifier	Date Analyzed
Benzene	< 1.00	ug/L		5/14/2025 17:06
Ethylbenzene	< 2.00	ug/L		5/14/2025 17:06

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 251998

Client: **Neu-Velle**

Project Reference: RGE Seneca Falls

Sample Identifier:	SF_MW-2_050725		
Lab Sample ID:	251998-04	**Date Sampled:** 5/7/2025	14:25
Matrix:	Groundwater	**Date Received** 5/9/2025	

m,p-Xylene	< 2.00	ug/L		5/14/2025 17:06
o-Xylene	< 2.00	ug/L		5/14/2025 17:06
Toluene	< 2.00	ug/L		5/14/2025 17:06

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**103**	85.5 - 117		5/14/2025 17:06
4-Bromofluorobenzene	**91.9**	80.8 - 113		5/14/2025 17:06
Pentafluorobenzene	**106**	90 - 110		5/14/2025 17:06
Toluene-D8	**106**	90 - 110		5/14/2025 17:06

Method Reference(s): EPA 8260C
EPA 5030C

Data File: z31097.D

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 251998

Client: **Neu-Velle**

Project Reference: RGE Seneca Falls

Sample Identifier:	SF_MW-3_050825		
Lab Sample ID:	251998-05	**Date Sampled:** 5/8/2025	13:00
Matrix:	Groundwater	**Date Received** 5/9/2025	

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 10.0	ug/L		5/14/2025 18:20
Acenaphthylene	< 10.0	ug/L		5/14/2025 18:20
Anthracene	< 10.0	ug/L		5/14/2025 18:20
Benzo (a) anthracene	< 10.0	ug/L		5/14/2025 18:20
Benzo (a) pyrene	< 10.0	ug/L		5/14/2025 18:20
Benzo (b) fluoranthene	< 10.0	ug/L		5/14/2025 18:20
Benzo (g,h,i) perylene	< 10.0	ug/L		5/14/2025 18:20
Benzo (k) fluoranthene	< 10.0	ug/L		5/14/2025 18:20
Chrysene	< 10.0	ug/L		5/14/2025 18:20
Dibenz (a,h) anthracene	< 10.0	ug/L		5/14/2025 18:20
Fluoranthene	< 10.0	ug/L		5/14/2025 18:20
Fluorene	< 10.0	ug/L		5/14/2025 18:20
Indeno (1,2,3-cd) pyrene	< 10.0	ug/L		5/14/2025 18:20
Naphthalene	< 10.0	ug/L		5/14/2025 18:20
Phenanthrene	< 10.0	ug/L		5/14/2025 18:20
Pyrene	< 10.0	ug/L		5/14/2025 18:20

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
2-Fluorobiphenyl	**40.4**	13.1 - 107		5/14/2025 18:20
Nitrobenzene-d5	**48.7**	41.8 - 106		5/14/2025 18:20
Terphenyl-d14	**60.7**	52.5 - 120		5/14/2025 18:20

Method Reference(s): EPA 8270D
EPA 3510C
Preparation Date: 5/13/2025
Data File: B77745.D

Volatile Organics (BTEX)

Analyte	Result	Units	Qualifier	Date Analyzed
Benzene	< 1.00	ug/L		5/14/2025 16:47
Ethylbenzene	< 2.00	ug/L		5/14/2025 16:47

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 251998

Client: **Neu-Velle**

Project Reference: RGE Seneca Falls

Sample Identifier:	SF_MW-3_050825		
Lab Sample ID:	251998-05	**Date Sampled:** 5/8/2025	13:00
Matrix:	Groundwater	**Date Received** 5/9/2025	

m,p-Xylene	< 2.00	ug/L		5/14/2025 16:47
o-Xylene	< 2.00	ug/L		5/14/2025 16:47
Toluene	< 2.00	ug/L		5/14/2025 16:47

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**96.4**	85.5 - 117		5/14/2025 16:47
4-Bromofluorobenzene	**86.1**	80.8 - 113		5/14/2025 16:47
Pentafluorobenzene	**96.7**	90 - 110		5/14/2025 16:47
Toluene-D8	**96.7**	90 - 110		5/14/2025 16:47

Method Reference(s): EPA 8260C
EPA 5030C

Data File: z31096.D

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 251998

Client: **Neu-Velle**

Project Reference: RGE Seneca Falls

Sample Identifier:	SF_MW-4_050825		
Lab Sample ID:	251998-06	**Date Sampled:** 5/8/2025	13:50
Matrix:	Groundwater	**Date Received** 5/9/2025	

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 10.0	ug/L		5/14/2025 18:48
Acenaphthylene	< 10.0	ug/L		5/14/2025 18:48
Anthracene	< 10.0	ug/L		5/14/2025 18:48
Benzo (a) anthracene	< 10.0	ug/L		5/14/2025 18:48
Benzo (a) pyrene	< 10.0	ug/L		5/14/2025 18:48
Benzo (b) fluoranthene	< 10.0	ug/L		5/14/2025 18:48
Benzo (g,h,i) perylene	< 10.0	ug/L		5/14/2025 18:48
Benzo (k) fluoranthene	< 10.0	ug/L		5/14/2025 18:48
Chrysene	< 10.0	ug/L		5/14/2025 18:48
Dibenz (a,h) anthracene	< 10.0	ug/L		5/14/2025 18:48
Fluoranthene	< 10.0	ug/L		5/14/2025 18:48
Fluorene	< 10.0	ug/L		5/14/2025 18:48
Indeno (1,2,3-cd) pyrene	< 10.0	ug/L		5/14/2025 18:48
Naphthalene	< 10.0	ug/L		5/14/2025 18:48
Phenanthrene	< 10.0	ug/L		5/14/2025 18:48
Pyrene	< 10.0	ug/L		5/14/2025 18:48

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
2-Fluorobiphenyl	**45.9**	13.1 - 107		5/14/2025 18:48
Nitrobenzene-d5	**60.6**	41.8 - 106		5/14/2025 18:48
Terphenyl-d14	**82.6**	52.5 - 120		5/14/2025 18:48

Method Reference(s): EPA 8270D
EPA 3510C
Preparation Date: 5/13/2025
Data File: B77746.D

Volatile Organics (BTEX)

Analyte	Result	Units	Qualifier	Date Analyzed
Benzene	< 1.00	ug/L		5/14/2025 16:28
Ethylbenzene	< 2.00	ug/L		5/14/2025 16:28

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 251998

Client: **Neu-Velle**

Project Reference: RGE Seneca Falls

Sample Identifier:	SF_MW-4_050825		
Lab Sample ID:	251998-06	**Date Sampled:** 5/8/2025	13:50
Matrix:	Groundwater	**Date Received** 5/9/2025	

m,p-Xylene	< 2.00	ug/L		5/14/2025 16:28
o-Xylene	< 2.00	ug/L		5/14/2025 16:28
Toluene	< 2.00	ug/L		5/14/2025 16:28

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**91.8**	85.5 - 117		5/14/2025 16:28
4-Bromofluorobenzene	**85.5**	80.8 - 113		5/14/2025 16:28
Pentafluorobenzene	**96.6**	90 - 110		5/14/2025 16:28
Toluene-D8	**96.7**	90 - 110		5/14/2025 16:28

Method Reference(s): EPA 8260C
EPA 5030C

Data File: z31095.D

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 251998

Client: **Neu-Velle**

Project Reference: RGE Seneca Falls

Sample Identifier:	Trip Blank T1247		
Lab Sample ID:	251998-07	**Date Sampled:**	5/2/2025
Matrix:	Water	**Date Received**	5/9/2025

Volatile Organics (BTEX)

Analyte	Result	Units	Qualifier	Date Analyzed
Benzene	< 1.00	ug/L		5/14/2025 16:08
Ethylbenzene	< 2.00	ug/L		5/14/2025 16:08
m,p-Xylene	< 2.00	ug/L		5/14/2025 16:08
o-Xylene	< 2.00	ug/L		5/14/2025 16:08
Toluene	< 2.00	ug/L		5/14/2025 16:08

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**97.1**	85.5 - 117		5/14/2025 16:08
4-Bromofluorobenzene	**89.2**	80.8 - 113		5/14/2025 16:08
Pentafluorobenzene	**95.9**	90 - 110		5/14/2025 16:08
Toluene-D8	**98.1**	90 - 110		5/14/2025 16:08

Method Reference(s): EPA 8260C
EPA 5030C

Data File: z31094.D

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Method Blank Report

Client: **Neu-Velle**
Project Reference: RGE Seneca Falls
Lab Project ID: 251998
Matrix: Groundwater

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed	
Acenaphthene	<10.0	ug/L		5/14/2025	14:40
Acenaphthylene	<10.0	ug/L		5/14/2025	14:40
Anthracene	<10.0	ug/L		5/14/2025	14:40
Benzo (a) anthracene	<10.0	ug/L		5/14/2025	14:40
Benzo (a) pyrene	<10.0	ug/L		5/14/2025	14:40
Benzo (b) fluoranthene	<10.0	ug/L		5/14/2025	14:40
Benzo (g,h,i) perylene	<10.0	ug/L		5/14/2025	14:40
Benzo (k) fluoranthene	<10.0	ug/L		5/14/2025	14:40
Chrysene	<10.0	ug/L		5/14/2025	14:40
Dibenz (a,h) anthracene	<10.0	ug/L		5/14/2025	14:40
Fluoranthene	<10.0	ug/L		5/14/2025	14:40
Fluorene	<10.0	ug/L		5/14/2025	14:40
Indeno (1,2,3-cd) pyrene	<10.0	ug/L		5/14/2025	14:40
Naphthalene	<10.0	ug/L		5/14/2025	14:40
Phenanthrene	<10.0	ug/L		5/14/2025	14:40
Pyrene	<10.0	ug/L		5/14/2025	14:40

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
2-Fluorobiphenyl	**38.2**	13.1 - 107		5/14/2025	14:40
Nitrobenzene-d5	**67.3**	41.8 - 106		5/14/2025	14:40
Terphenyl-d14	**82.5**	52.5 - 120		5/14/2025	14:40

Method Reference(s): EPA 8270D
EPA 3510C
Preparation Date: 5/13/2025
Data File: B77737.D
QC Batch ID: QC250513BNW
QC Number: Blk 1

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: **Neu-Velle**

Project Reference: RGE Seneca Falls

Lab Project ID: 251998

Matrix: Groundwater

Semi-Volatile Organics (PAHs)

Analyte	Spike Added	Spike Units	LCS Result	LCS % Recovery	% Rec Limits	LCS Outliers	Date Analyzed
Acenaphthene	50.0	ug/L	34.3	68.6	42.9 - 95.5		5/14/2025
Pyrene	50.0	ug/L	37.9	75.8	50.9 - 111		5/14/2025

Method Reference(s): EPA 8270D
EPA 3510C
Preparation Date: 5/13/2025
Data File: B77738.D
QC Number: LCS 1
QC Batch ID: QC250513BNW

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared *Thursday, May 15, 2025*

PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Matrix Spike and Matrix Spike Duplicate

Client: **Neu-Velle** **Lab Project ID:** 251998

Project Reference: RGE Seneca Falls

Lab Sample ID: 251998-01
Sample Identifier: SF_MW-1_050725
Matrix: Groundwater

Date Sampled: 5/7/2025
Date Received: 5/9/2025
Date Analyzed: 5/14/2025

Semi-Volatile Organics (PAHs)

Analyte	Sample Result	Result Units	MS Added	MS Result	MS % Recovery	MSD Added	MSD Result	MSD % Recovery	% Rec. Limits	MS Outlier	MSD Outlier	Relative % Diff.	RPD Limit	RPD Outlier
Acenaphthene	< 10.0	ug/L	50.0	31.5	63.1	50.0	22.4	44.8	42.9 - 95.5			34.0	29.7	*
Pyrene	< 10.0	ug/L	50.0	34.8	69.7	50.0	25.4	50.8	50.9 - 111		*	31.3	42.3	

Method Reference(s): EPA 8270D
EPA 3510C
Preparation Date: 5/13/2025
Data File(s): B77740.D
B77741.D
B77739.D
1
QC Batch ID: QC250513BNW

Any estimated values are displayed, and derived values calculated, based on numeric result only. See primary analytical report for data flags.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Thursday, May 15, 2025

PARADIGM ENVIRONMENTAL SERVICES, INC.

Method Blank Report

Client: **Neu-Velle**

Project Reference: RGE Seneca Falls

Lab Project ID: 251998

Matrix: Groundwater

Volatile Organics (BTEX)

Analyte	Result	Units	Qualifier	Date Analyzed	
Benzene	<1.00	ug/L		5/14/2025	11:30
Ethylbenzene	<2.00	ug/L		5/14/2025	11:30
m,p-Xylene	<2.00	ug/L		5/14/2025	11:30
o-Xylene	<2.00	ug/L		5/14/2025	11:30
Toluene	<2.00	ug/L		5/14/2025	11:30

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**95.7**	85.5 - 117		5/14/2025	11:30
4-Bromofluorobenzene	**84.0**	80.8 - 113		5/14/2025	11:30
Pentafluorobenzene	**98.0**	90 - 110		5/14/2025	11:30
Toluene-D8	**96.2**	90 - 110		5/14/2025	11:30

Method Reference(s): EPA 8260C
EPA 5030C

Data File: z31080.D

QC Batch ID: voaq250514

QC Number: Blk 1

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: **Neu-Velle**

Project Reference: RGE Seneca Falls

Lab Project ID: 251998

Matrix: Groundwater

Volatile Organics (BTEX)

Analyte	Spike Added	Spike Units	LCS Result	LCS % Recovery	% Rec Limits	LCS Outliers	Date Analyzed
Benzene	20.0	ug/L	18.8	94.0	87.7 - 110		5/14/2025
Ethylbenzene	20.0	ug/L	18.2	91.2	86.8 - 110		5/14/2025
Toluene	20.0	ug/L	18.2	91.1	82.1 - 110		5/14/2025

Method Reference(s): EPA 8260C
EPA 5030C

Data File: z31079.D

QC Number: LCS 1

QC Batch ID: voaq250514

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared *Thursday, May 15, 2025*

PARADIGM ENVIRONMENTAL SERVICES, INC.

QC Report for Matrix Spike and Matrix Spike Duplicate

Client: **Neu-Velle** **Lab Project ID:** 251998

Project Reference: RGE Seneca Falls

Lab Sample ID: 251998-01
Sample Identifier: SF_MW-1_050725
Matrix: Groundwater

Date Sampled: 5/7/2025
Date Received: 5/9/2025
Date Analyzed: 5/14/2025

Volatile Organics (BTEX)

Analyte	Sample Result	Result Units	MS Added	MS Result	MS % Recovery	MSD Added	MSD Result	MSD % Recovery	% Rec. Limits	MS Outlier	MSD Outlier	Relative % Diff.	RPD Limit	RPD Outlier
Benzene	< 1.00	ug/L	50.0	48.7	97.3	50.0	49.0	97.9	87.7 - 110			0.630	12.9	
Ethylbenzene	< 2.00	ug/L	50.0	48.0	96.0	50.0	49.7	99.3	86.8 - 110			3.37	11.2	
Toluene	< 2.00	ug/L	50.0	45.5	90.9	50.0	45.7	91.5	82.1 - 110			0.630	15.3	

Method Reference(s): EPA 8260C
EPA 5030C
Data File(s): z31101.D
z31102.D
z31100.D
1
QC Batch ID: voaq250514

Any estimated values are displayed, and derived values calculated, based on numeric result only. See primary analytical report for data flags.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Thursday, May 15, 2025

Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.
"E" = Result has been estimated, calibration limit exceeded.
"H" = Denotes a parameter analyzed outside of holding time.
"Z" = See case narrative.
"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.
"J" = Result estimated between the quantitation limit and half the quantitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.
"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.
"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.
"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*
"(1)" = Indicates data from primary column used for QC calculation.
"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.
"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

GENERAL TERMS AND CONDITIONS
LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty. Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation. LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order.
Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices. Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability. In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.
LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure. Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling. Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.
Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on th final report.
Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.
LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility. LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment. LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure. LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law. This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

1 of 2

CHAIN OF CUSTODY

PARADIGM ENVIRONMENTAL SERVICES

REPORT TO:		INVOICE TO:		LAB PROJECT ID
COMPANY:		COMPANY: SAME		251998
address: New-Velle		ADDRESS:		Quotation #:
CITY: STATE: ZIP:		CITY: STATE: ZIP:		Email: avotruss Lreid@New-Velle.com
PHONE: FAX:		PHONE: FAX:		
ATTN:		ATTN:		

PROJECT REFERENCE

Rte Seneca Falls

Matrix Codes:
AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SO - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	Btex	Cyanide	BNA								REMARKS	PARADIGM LAB SAMPLE NUMBER
5/7/25	1230		X	SF_MW-1_050725	WG	12	X	X	X								MS/MSD	01
5/7/25	—		X	SF_DUP-050725		4	X	X	X									02
5/7/25	1330		X	SF_EB-050725		4	X	X	X									03
5/7/25	1425		X	SF_MW-2_050725		4	X	X	X									04
5/8/25	1300		X	SF_MW-3_050825		4	X	X	X									05
5/8/25	1350		X	SF_MW-4_050825		4	X	X	X									06
5/2/25	—			Trip Blank T1247	WA	1	X											07
				per sample labels / Trip Blank GP 5/9/25	Log	Book													

per samplelabels GP 5/9/25

Turnaround Time		Report Supplements		
Availability contingent upon lab approval; additional fees may apply.				
Standard 5 day	X	None Required	X	None Required X
10 day		Batch QC		Basic EDD
Rush 3 day		Category A		NYSDEC EDD
Rush 2 day		Category B		
Rush 1 day				
Other please indicate date needed:		Other please indicate package needed:		Other EDD please indicate EDD needed:

Sampled By: Andrew Rotruss 4/17-5/8/25 Date/Time

Relinquished By: [signature] 5/9/25 11:25 Date/Time

Received By: [signature] 5/9/25 1125 Date/Time

Received @ Lab By: [signature] 5/9/25 11:35 Date/Time

Total Cost:

P.I.F.

By signing this form, client agrees to Paradigm Terms and Conditions (reverse).

4 °C iced 5/9/25 11:32

See additional page for sample conditions.

PARADIGM

Chain of Custody Supplement

Client: NewVelle

Lab Project ID: 251998

Completed by: [signature] 5/19/2025 CMFE

Date:

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt — Yes	No	N/A
Container Type	☑	☐	☐
Comments			
Transferred to method-compliant container	☐	☐	☑
Headspace (<1 mL)	☑ VOA	☐	☑
Comments			
Preservation	☑ TCN VOA (Labs)	☐	☒
Comments			
Chlorine Absent (<0.10 ppm per test strip)	☑ NAH	☐	☑
Comments	VOA: Cl⁻ Neg.		
Holding Time	☑	☐	☐
Comments			
Temperature	☑	☐	☐
Comments	4°C Iced		
Compliant Sample Quantity/Type	☑	☐	☐
Comments			

Adirondack Environmental Services, Inc.

Experience is the solution

314 North Pearl Street ♦ Albany, New York 12207
(800) 848-4983 ♦ (518) 434-4546 ♦ Fax (518) 434-0891

May 16, 2025

Emily Farmen
Paradigm Environmental
179 Lake Avenue
Rochester, NY 14608

TEL: (800) 724-1997

Work Order No: 250512014

RE: Analysis of Samples
Project # 251998

Adirondack Environmental Services, Inc received 6 samples on 5/12/2025 for the analyses presented in the following report.

Please see case narrative for specifics on analysis.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

ELAP#: 10709

Matthew Daigneault
Laboratory Manager

Adirondack Environmental Services, Inc — CASE NARRATIVE

Paradigm Environmental

Analysis of Samples

Project # 251998

Date: *16-May-25*

Lab WorkOrder: **250512014**

Sample containers were not supplied by Adirondack Environmental Services.

Definitions - RL: Reporting Limit DF: Dilution factor

Qualifiers:

- ND : Not Detected at reporting limit
- J: Analyte detected below quantitation limit
- B: Analyte detected in Blank
- X : Exceeds maximum contamination limit
- H: Hold time exceeded
- N: Matrix Spike below acceptable limits
- N+: Matrix Spike is above acceptable limits
- C: CCV below acceptable Limits
- C+: CCV above acceptable Limits
- S: LCS Spike recovery is below acceptable limits
- S+: LCS Spike recovery is above acceptable limits
- Z: Duplication outside acceptable limits
- T : Tentatively Identified Compound-Estimated
- E :Above quantitation range-Estimated

Note : All Results are reported as wet weight unless noted

The results relate only to the items tested. Information supplied by the client is assumed to be correct.

Lab SampleID: 250512014-001 **Collection Date:** 5/7/2025 12:30:00 PM
Client Sample ID: 251998-01 (SF_MW-1_050725) **Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
CYANIDE, TOTAL - EPA 335.4 REV 1.0						Analyst: **GK**
(Prep: 335.4 - 5/15/2025)						
Cyanide	**0.025**	0.010	N	mg/L	1	5/16/2025 2:57:43 PM

Lab SampleID: 250512014-002 **Collection Date:** 5/7/2025
Client Sample ID: 251998-02 (SF_DUP_050725) **Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
CYANIDE, TOTAL - EPA 335.4 REV 1.0						Analyst: **GK**
(Prep: 335.4 - 5/14/2025)						
Cyanide	**0.029**	0.010		mg/L	1	5/15/2025 12:23:17 PM

Lab SampleID: 250512014-003 **Collection Date:** 5/7/2025 1:30:00 PM
Client Sample ID: 251998-03 (SF_EB_050725) **Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
CYANIDE, TOTAL - EPA 335.4 REV 1.0						Analyst: **GK**
(Prep: 335.4 - 5/14/2025)						
Cyanide	**ND**	0.010		mg/L	1	5/15/2025 12:25:00 PM

Lab SampleID: 250512014-004 **Collection Date:** 5/7/2025 2:25:00 PM
Client Sample ID: 251998-04 (SF_MW-2_050725) **Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
CYANIDE, TOTAL - EPA 335.4 REV 1.0						Analyst: **GK**
(Prep: 335.4 - 5/14/2025)						
Cyanide	**0.13**	0.010		mg/L	1	5/15/2025 12:26:44 PM

Lab SampleID: 250512014-005 **Collection Date:** 5/8/2025 1:00:00 PM
Client Sample ID: 251998-05 (SF_MW-3_050825) **Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
CYANIDE, TOTAL - EPA 335.4 REV 1.0						Analyst: **GK**
(Prep: 335.4 - 5/14/2025)						
Cyanide	**0.094**	0.010		mg/L	1	5/15/2025 12:31:56 PM

Adirondack Environmental Services, Inc

Date: *16-May-25*

CLIENT: Paradigm Environmental
Project: Analysis of Samples
Project # 251998

LabWork Order: **250512014**
PO#:

Lab SampleID: 250512014-006 **Collection Date:** 5/8/2025 1:50:00 PM
Client Sample ID: 251998-06 (SF_MW-4_050825) **Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
CYANIDE, TOTAL - EPA 335.4 REV 1.0						Analyst: **GK**
(Prep: 335.4 - 5/15/2025)						
Cyanide	**0.13**	0.010		mg/L	1	5/16/2025 3:02:58 PM

CLIENT: Paradigm Environmental
Work Order: 250512014
Project: Analysis of Samples

ANALYTICAL QC SUMMARY REPORT

BatchID: 116508

MBLK

SeqNo: **4039529** **PrepDate:5/14/2025** TestNo: **E335.4** RunNo: **245924**
Samp ID: **MB-116508** **PrepRef:(335.4)** Units: **mg/L** Analysis Date: **5/15/2025**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref	%RPD(SD-%D)	RPDLimit	Qual
Cyanide	ND	0.010									

LCS

SeqNo: **4039530** **PrepDate:5/14/2025** TestNo: **E335.4** RunNo: **245924**
Samp ID: **LCS-116508** **PrepRef:(335.4)** Units: **mg/L** Analysis Date: **5/15/2025**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref	%RPD(SD-%D)	RPDLimit	Qual
Cyanide	0.09284	0.010	0.1	0	92.8	90	110	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Paradigm Environmental
Work Order: 250512014
Project: Analysis of Samples

ANALYTICAL QC SUMMARY REPORT

BatchID: 116549

MBLK

SeqNo: **4040684** PrepDate:5/16/2025 TestNo: **E335.4** RunNo: **245984**
Samp ID: **MB-116549** PrepRef:(335.4) Units: **mg/L** Analysis Date: **5/16/2025**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref	%RPD(SD-%D)	RPDLimit	Qual
Cyanide	ND	0.010									

LCS

SeqNo: **4040685** PrepDate:5/16/2025 TestNo: **E335.4** RunNo: **245984**
Samp ID: **LCS-116549** PrepRef:(335.4) Units: **mg/L** Analysis Date: **5/16/2025**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref	%RPD(SD-%D)	RPDLimit	Qual
Cyanide	0.09356	0.010	0.1	0	93.6	90	110	0	0		

MS

SeqNo: **4040688** PrepDate:5/15/2025 TestNo: **E335.4** RunNo: **245984**
Samp ID: **250512014-001A (251998-01 (SF_M** PrepRef:(335.4) Units: **mg/L** Analysis Date: **5/16/2025**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref	%RPD(SD-%D)	RPDLimit	Qual
Cyanide	0.08652	0.010	0.1	0.02488	61.6	90	110	0	0		S

MS

SeqNo: **4040710** PrepDate:5/16/2025 TestNo: **E335.4** RunNo: **245984**
Samp ID: **250507033-015** PrepRef:(335.4) Units: **mg/L** Analysis Date: **5/16/2025**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref	%RPD(SD-%D)	RPDLimit	Qual
Cyanide	0.09974	0.010	0.1	0	99.7	90	110	0	0		

MSD

SeqNo: **4040689** PrepDate:5/15/2025 TestNo: **E335.4** RunNo: **245984**
Samp ID: **250512014-001A (251998-01 (SF_M** PrepRef:(335.4) Units: **mg/L** Analysis Date: **5/16/2025**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref	%RPD(SD-%D)	RPDLimit	Qual
Cyanide	0.1114	0.010	0.1	0.02488	86.6	90	110	0.08652	25.2	20	SZ

MSD

SeqNo: **4040711** PrepDate:5/16/2025 TestNo: **E335.4** RunNo: **245984**
Samp ID: **250507033-015** PrepRef:(335.4) Units: **mg/L** Analysis Date: **5/16/2025**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref	%RPD(SD-%D)	RPDLimit	Qual
Cyanide	0.09767	0.010	0.1	0	97.7	90	110	0.09974	2.09	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

CHAIN OF CUSTODY

ELAP ID: 10

PARADIGM
ENVIRONMENTAL SERVICES

REPORT TO:		INVOICE TO:			
COMPANY:	Paradigm Environmental	COMPANY:	Same	LAB PROJECT #:	CLIENT PROJECT #:
ADDRESS:		ADDRESS:			
CITY: STATE: ZIP:		CITY: STATE: ZIP:		TURNAROUND TIME: (WORKING DAYS)	
PHONE: FAX:		PHONE: FAX:			
PROJECT NAME/SITE NAME:		ATTN:	Reporting	ATTN:	Accounts Payable
		COMMENTS:	Please email results to reporting@paradigmenv.com		

STD: 1 ☐ 2 ☐ 3 ☐ 5 ☒ O ☐

Date Due: 5/19/25

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER OF CONTAINERS	Total Cyanide	MS/MSD	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	5/7/25	12:30		X	SF_MW-1_050725	Groundwater	3	X	X	251998-01	
2		—			SF_Dup_050725		1	X		-02	
3		13:30			SF_EB_050725		1	X		-03	
4		14:25			SF_MW-2_050725		1	X		-04	
5	5/8/25	13:00			SF_MW-3_050825		1	X		-05	
6		13:50			SF_MW-4_050825		1	X		-06	
7											
8											
9											
10											

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y ☐	N ☐
Comments:		
Preservation:	Y ☐	N ☐
Comments:		
Holding Time:	Y ☐	N ☐
Comments:		
Temperature:	Y ☐	N ☐
Comments:		

Client

Sampled By	Date/Time	
[signature]	5/12/25	08:30
Relinquished By	Date/Time	
[signature]	5/12/25	12:13
Received By	Date/Time	
[signature]	5/12/25	4:00pm
Received @ Lab By	Date/Time	

Total Cost:

P.I.F.

Demo

Adirondack Environmental Services Inc.
Experience is the solution
314 North Pearl Street • Albany, New York 12207 • (518) 434-4546 • Fax (518) 434-0891

TERMS, CONDITIONS & LIMITATIONS

All service rendered by the **Adirondack Environmental Services, Inc.** are undertaken and all rates are based upon the following terms:

(a) Neither **Adirondack Environmental Services, Inc.,** nor any of its employees, agents or sub-contractors shall be liable for any loss or damage arising out of **Adirondack Environmental Services, Inc.'s** performance or nonperformance, whether by way of negligence or breach of contract, or otherwise, in any amount greater than twice the amount billed to the customer for the work leading to the claim of the customer. Said remedy shall be the sole and exclusive remedy against **Adirondack Environmental Services, Inc.** arising out of its work.

(b) All claims made must be in writing within forty-five (45) days after delivery of the **Adirondack Environmental Services, Inc.** report regarding said work or such claim shall be deemed or irrevocably waived.

(c) **Adirondack Environmental Services, Inc.** reports are submitted in writing and are for our customers only. Our customers are considered to be only those entities being billed for our services. Acquisition of an **Adirondack Environmental Services, Inc.** report by other than our customer does not constitute a representation of **Adirondack Environmental Services, Inc.** as to the accuracy of the contents thereof.

(d) In no event shall **Adirondack Environmental Services, Inc.,** its employees, agents or sub-contractors be responsible for consequential or special damages of any kind or in any amount.

(e) No deviation from the terms set forth herein shall bind **Adirondack Environmental Services, Inc.** unless in writing and signed by a Director of **Adirondack Environmental Services, Inc.**

(f) Results pertain only to items analyzed. Information supplied by client is assumed to be correct. This information may be used on reports and in calculations and **Adirondack Environmental Services, Inc.** is not responsible for the accuracy of this information.

(g) Payments by Credit Card/Purchase Cards are subject to a 3% additional charge.