



February 19, 2024

Mr. Justin Starr
Project Manager
New York State Department of Environmental Conservation
625 Broadway
Albany, New York 12233-7014

Re: Report – Seventh Post-Remediation Groundwater Sampling Event – October 2023
RG&E Pavilion Former MGP Site
6903 Ellicott Street Road
Town of Pavilion, Genesee County, New York 14525
NYSDEC Site No. 819024

Dear Mr. Starr:

The purpose of this report is to present the results of the seventh (7th) post-remediation groundwater sampling event completed at the Rochester Gas and Electric Corporation (RG&E) Pavilion Former Manufactured Gas Plant (MGP) site [New York State Department of Environmental Conservation (NYSDEC) Site No. 819024], located at 6903 Ellicott Street Road in the Town of Pavilion, Genesee County, New York (referred to herein as the “Site”). The groundwater sampling event was completed by NEU-VELLE, LLC (NEU-VELLE) personnel in accordance with the following:

- the Site Management Plan (SMP, June 2020); and
- the recommendations in the *Report – Sixth Post-Remediation Groundwater Sampling Event, November 2022*, prepared by NEU-VELLE and dated March 8, 2023, which proposed to continue annual groundwater sampling (once per year) for three (3) years, with samples to be analyzed for cyanide only. These recommendations were approved by the NYSDEC in a letter dated October 2, 2023.

SCOPE OF WORK

Synoptic Water Levels

A Site-wide round of synoptic groundwater levels was collected from the five (5) on-Site groundwater monitoring wells on October 5, 2023. The locations of these monitoring wells are depicted on the attached **Figure 1**. Each well was also 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 summarized in **Table 1**.

Groundwater Sampling

From October 11 through 13, 2023, groundwater samples were collected from the five (5) on-Site groundwater monitoring wells (MW-1, MW-2, MW-3, MW-4A, and MW-5). Groundwater samples were collected using low-flow methods.

Prior to initiating purging, field personnel donned new nitrile gloves, and care was taken to avoid introducing contaminants into the groundwater monitoring wells. Low-flow purging was conducted using a decontaminated stainless-steel bladder pump equipped with a polyethylene bladder and polyethylene tubing. A new, clean bladder and new, clean tubing were used at each groundwater monitoring well. During purging, parameters [time, water table elevation, pumping (flow) rate, temperature, dissolved oxygen (DO), oxidation/reduction potential (ORP), pH, turbidity, and specific conductance] were measured using calibrated field monitoring equipment, and the readings were recorded on field logs.

The well information, sample information, monitoring parameters, and field observations were recorded on a ground water sample log that was completed at each sampling location. The groundwater sampling logs are provided as **Attachment A**.

Collection of Laboratory Samples

New nitrile gloves were donned by field personnel prior to the collection of each groundwater sample. The laboratory samples were collected in laboratory-supplied sample containers. Samples were preserved in a plastic cooler that was pre-chilled with ice and subsequently submitted under chain of custody protocols to Paradigm Environmental Services, Inc. (Paradigm) located in Rochester, New York. The groundwater samples were analyzed for total cyanide in accordance with USEPA Method 335.4.

In accordance with the understood intent of the pending SMP, the following Quality Assurance/Quality Control (QA/QC) samples were collected and analyzed:

- one (1) “equipment blank” sample;
- one (1) “blind duplicate sample”;
- one (1) matrix spike (MS) sample; and
- one (1) matrix spike duplicate (MSD) sample.

Reporting of Results

A copy of the laboratory analytical report, including a copy of the chain of custody forms, is presented in **Attachment B**. The laboratory analytical results, including those for the “blind duplicate” QA/QC sample (collected from groundwater monitoring well MW-3 during this sampling event), have been summarized in **Table 2** of this report.

Waste Disposal

Purged groundwater and decontamination water were containerized in a polyethylene drum. This wastewater will be properly disposed of at a future date, with disposal documentation to be submitted to the NYSDEC under separate cover.

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).

As summarized in **Table 2**, concentrations of total cyanide were detected in groundwater samples collected from three (3) of the five (5) on-site groundwater monitoring wells, as follows:

- MW-1: total cyanide was reported at a concentration of 0.023 milligrams per liter (mg/L) in the groundwater sample collected from MW-1, which is below the TOGS 1.1.1, Class GA SCG for total cyanide (0.2 mg/L);
- MW-3: total cyanide was reported at a concentration of 0.41 mg/L in the groundwater sample collected from MW-3, and it was reported at a concentration of 0.29 mg/L in the “blind duplicate” QA/QC sample collected from this well. These reported concentrations are above the TOGS 1.1.1, Class GA SCG for total cyanide (0.2 mg/L); and
- MW-5: total cyanide was reported at a concentration of 0.030 mg/L in the groundwater sample collected from MW-5, which is below the TOGS 1.1.1, Class GA SCG for total cyanide (0.2 mg/L).

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

- the reported concentration of total cyanide in the “blind duplicate” QA/QC sample collected from MW-3 (0.29 mg/L) was slightly below, but within the same order of magnitude as, the reported concentration of total cyanide (0.41 mg/L) in its “parent sample” (i.e., also collected from groundwater monitoring well MW-3); and
- total cyanide was not reported in the “equipment blank” QA/QC sample (“PAV-EB-101223”) collected during this sampling event.

Groundwater Mapping

A groundwater elevation contour map was prepared based upon the static water levels measured at the Site on October 5, 2023. The groundwater contour map is provided as **Figure 2**, which shows that overburden groundwater beneath the Site is interpreted to flow to the northwest, toward Oatka Creek. The findings depicted on this groundwater elevation contour map are consistent with previous groundwater mapping efforts associated with the Site.

CONCLUSIONS

This report presents the results of the seventh post-remediation groundwater sampling event completed at the RG&E Pavilion Former MGP site (NYSDEC Site No. 819024). This post-remediation groundwater sampling event was the first annual sampling event and the first to exclude the previously required analysis of benzene, toluene, ethylbenzene, and xylene (BTEX) and polycyclic aromatic hydrocarbons (PAHs) from the groundwater monitoring protocol. As such, groundwater samples were collected from each of the five (5) on-site groundwater monitoring wells and submitted for laboratory analysis of total cyanide.

During this seventh post-remediation groundwater sampling event, concentrations of total cyanide were detected in groundwater samples collected from three (3) of the on-site groundwater monitoring wells, as follows:

- MW-1: total cyanide was reported at a concentration of 0.023 mg/L in the groundwater sample collected from MW-1, which is below the TOGS 1.1.1, Class GA SCG for total cyanide (0.2 mg/L);
- MW-3: total cyanide was reported at a concentration of 0.41 mg/L in the groundwater sample collected from MW-3, and it was reported at a concentration of 0.29 mg/L in the “blind duplicate” QA/QC sample collected from this well. These reported concentrations are above the TOGS 1.1.1, Class GA SCG for total cyanide (0.2 mg/L); and
- MW-5: total cyanide was reported at a concentration of 0.030 mg/L in the groundwater sample collected from MW-5, which is below the TOGS 1.1.1, Class GA SCG for total cyanide (0.2 mg/L).

The next post-remediation groundwater sampling event is currently scheduled for the fall of 2024.

Please feel free to contact me at any time at (585) 478-1666 or kmiller@neu-velle.com with any questions you may have regarding this report, or contact Mr. Jeremy Wolf, RG&E's Project Manager for the project at (585) 500-8392.

Sincerely,



Kyle R. Miller, PG

NEU-VELLE, LLC

cc: Jeremy Wolf – RG&E

Attachments:

Table 1 – Monitoring Well Reference Data and Groundwater Measurements

Table 2 – Groundwater Sample Analytical Results

Figure 1 – Monitoring Well Locations

Figure 2 – Groundwater Elevation Contours

Attachment A – Groundwater Sample Logs

Attachment B – Groundwater Laboratory Report and Chain of Custody Forms

Table 1
Monitoring Well Reference Data and Groundwater Measurements

Table 1
Rochester Gas & Electric - Former MGP Site, Pavilion, NY
NYSDEC Site No. 819024
Monitoring Well Reference Data and Groundwater Measurements

Well ID	TOC Elevation (ft)	Depth to Water (ft bgs)	Groundwater Elevation (ft)	Depth to Water (ft bgs)	Groundwater Elevation (ft)	Depth to Water (ft bgs)	Groundwater Elevation (ft)
		3/25/2020		9/22/2020		3/22/2021	
MW-1	938.12	5.22	932.90	6.89	931.23	5.88	932.24
MW-2	937.47	5.95	931.52	7.52	929.95	6.31	931.16
MW-3	936.01	4.41	931.60	6.68	929.33	5.18	930.83
MW-4A	937.64	5.09	932.55	7.31	930.33	5.83	931.81
MW-5	936.77	5.11	931.66	7.35	929.42	6.08	930.69

Well ID	TOC Elevation (ft)	Depth to Water (ft bgs)	Groundwater Elevation (ft)	Depth to Water (ft bgs)	Groundwater Elevation (ft)	Depth to Water (ft bgs)	Groundwater Elevation (ft)	Depth to Water (ft bgs)	Groundwater Elevation (ft)
		9/17/2021		4/7/2022		11/3/2022		10/5/2023	
MW-1	938.12	6.68	931.44	5.50	932.62	7.39	930.73	9.17	928.95
MW-2	937.47	6.90	930.57	6.06	931.41	7.81	929.66	9.59	927.88
MW-3	936.01	4.81	931.20	4.78	931.23	7.20	928.81	8.88	927.13
MW-4A	937.64	5.78	931.86	5.30	932.34	7.61	930.03	9.23	928.41
MW-5	936.77	5.96	930.81	5.30	931.47	7.79	928.98	9.52	927.25

Notes:

1. Top of Casing (TOC) elevations surveyed by CT Male on December 19, 2019, FT NAVD 88.
2. Depths to water measured by NEU-VELLE on dates indicated.
3. bgs = below ground surface
4. NAPL = non-aqueous phase liquid
5. ND = not detected

Table 2
Groundwater Sample Analytical Results

Table 2 (Page 1 of 5)
Rochester Gas & Electric - Former MGP Site, Pavilion, NY
NYSDEC Site No. 819024
Groundwater Sample Analytical Results

Sample Location				MW-1		MW-1		MW-1		MW-1		Duplicate		MW-1		MW-1		MW-1	
Sample Date				3/25/2020		9/22/2020		3/22/2021		9/16/2021		4/7/2022		11/2/2022		10/13/2023			
Sample Identification				PAV-MW1-03252020		PAV-MW1-09222020		PAV-MW1-032221		PAV-MW1-091621		PAV-DUP-091621		PAV-MW1-040722		PAV-MW1-110222		PAV-MW1-101323	
Analyte	Cas No.	TOGS 1.1.1 Class GA 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
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
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
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
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
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
PAHs																			
Acenaphthene	83-32-9	20	µg/L	ND	10.0	ND	10.0	ND M	10.2	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.0
Acenaphthylene	208-96-8	NS	µg/L	ND	10.0	ND	10.0	ND	10.2	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.0
Anthracene	120-12-7	50	µg/L	ND	10.0	ND	10.0	ND	10.2	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.0
Benzo(a)anthracene	56-55-3	0.002	µg/L	ND	10.0	ND	10.0	ND	10.2	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.0
Benzo(a)pyrene	50-32-8	ND	µg/L	ND	10.0	ND	10.0	ND	10.2	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10
Benzo(b)fluoranthene	205-99-2	0.002	µg/L	ND	10.0	ND	10.0	ND	10.2	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10
Benzo(g,h,i)perylene	191-24-2	NS	µg/L	ND	10.0	ND	10.0	ND	10.2	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10
Benzo(k)fluoranthene	207-08-9	0.002	µg/L	ND	10.0	ND	10.0	ND	10.2	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10
Dibenzo(a,h)anthracene	53-70-3	NS	µg/L	ND	10.0	ND	10.0	ND	10.2	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.0
Chrysene	218-01-9	0.002	µg/L	ND	10.0	ND	10.0	ND	10.2	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.0
Fluoranthene	206-44-0	50	µg/L	ND	10.0	ND	10.0	ND	10.2	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.0
Fluorene	86-73-7	50	µg/L	ND	10.0	ND	10.0	ND	10.2	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.0
Indeno(1,2,3-cd) pyrene	193-39-5	0.002	µg/L	ND	10.0	ND	10.0	ND	10.2	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.0
Naphthalene	91-20-3	10	µg/L	ND	10.0	ND	10.0	ND	10.2	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.0
Phenanthrene	85-01-8	50	µg/L	ND	10.0	ND	10.0	ND	10.2	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.0
Pyrene	129-00-0	50	µg/L	ND M, D	10.0	ND M	10.0	ND M	10.2	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.0
Cyanide																			
Cyanide, Total	NA	0.2	mg/L	NT	0.0137		0.00920 JM		ND	0.0100	ND	0.0100	ND	0.0100	ND	0.010	0.010	0.023 S	

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. M is a laboratory data qualifier indicating "Matrix spike recoveries outside QC limits. Matrix bias indicated."
6. D is a laboratory data qualifier indicating "Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit."
7. S is a laboratory data qualifier indicating "LCS Spike recovery is below acceptable limits"
8. **Bold Sample result** = compound was detected.
9. **Gray shading indicates the sample result is above the TOGS 1.1.1 Standards, Criteria and Guidance Value.**
10. J is a laboratory data qualifier indicating "Result estimated between the quantitation limit and half the quantitation limit."

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Rochester Gas & Electric - Former MGP Site, Pavilion, NY
NYSDEC Site No. 819024
Groundwater Sample Analytical Results

Sample Location				MW-2		MW-2		MW-2		MW-2		MW-2		MW-2		MW-2		
Sample Date				3/27/2020		9/24/2020		3/23/2021		9/17/2021		4/8/2022		11/3/2022		10/12/2023		
Sample Identification				PAV-MW2-03272020		PAV-MW2-09242020		PAV-MW2-032321		PAV-MW2-091721		PAV-MW1-040822		PAV-MW2-113222		PAV-MW2-101223		
Analyte	Cas No.	TOGS 1.1.1 Class GA SCG	Units	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	NT
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	
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	
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	
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	
PAHs																		
Acenaphthene	83-32-9	20	µg/L	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.2	NT
Acenaphthylene	208-96-8	NS	µg/L	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.2	
Anthracene	120-12-7	50	µg/L	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.2	
Benzo(a)anthracene	56-55-3	0.002	µg/L	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.2	
Benzo(a)pyrene	50-32-8	ND	µg/L	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10	
Benzo(b)fluoranthene	205-99-2	0.002	µg/L	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10	
Benzo(g,h,i)perylene	191-24-2	NS	µg/L	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10	
Benzo(k)fluoranthene	207-08-9	0.002	µg/L	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10	
Dibenzo(a,h)anthracene	53-70-3	NS	µg/L	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.2	
Chrysene	218-01-9	0.002	µg/L	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.2	
Fluoranthene	206-44-0	50	µg/L	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.2	
Fluorene	86-73-7	50	µg/L	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.2	
Indeno(1,2,3-cd) pyrene	193-39-5	0.002	µg/L	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.2	
Naphthalene	91-20-3	10	µg/L	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.2	
Phenanthrene	85-01-8	50	µg/L	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.2	
Pyrene	129-00-0	50	µg/L	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.2	
Cyanide																		
Cyanide, Total	NA	0.2	mg/L	NT		0.0234		0.0298		0.0254		0.019		ND	0.010	ND	S	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. M is a laboratory data qualifier indicating "Matrix spike recoveries outside QC limits. Matrix bias indicated."
6. D is a laboratory data qualifier indicating "Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit."
7. S is a laboratory data qualifier indicating "LCS Spike recovery is below acceptable limits"
8. **Bold Sample result** = compound was detected.
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10. J is a laboratory data qualifier indicating "Result estimated between the quantitation limit and half the quantitation limit."

Table 2 (Page 3 of 5)
Rochester Gas & Electric - Former MGP Site, Pavilion, NY
NYSDEC Site No. 819024
Groundwater Sample Analytical Results

Analyte	Cas No.	Sample Location		MW-3 3/26/2020		MW-3 9/23/2020		Duplicate		MW-3 3/23/2021		MW-3 9/17/2021		MW-3 4/8/2022		Duplicate		MW-3 11/3/2022		Duplicate		MW-3 10/11/2023		Duplicate			
		TOGS 1.1.1 Class GA 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	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	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	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	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	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	2.00	ND	2.00	ND	2.00
PAHs																											
Acenaphthene	83-32-9	20	µg/L	ND	10.1	ND	10.1	ND	10.0	ND	10.4	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.1	ND	5.3	NT	NT	NT	NT
Acenaphthylene	208-96-8	NS	µg/L	ND	10.1	ND	10.1	ND	10.0	ND	10.4	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.1	ND	5.3	NT	NT	NT	NT
Anthracene	120-12-7	50	µg/L	ND	10.1	ND	10.1	ND	10.0	ND	10.4	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.1	ND	5.3	NT	NT	NT	NT
Benzo(a)anthracene	56-55-3	0.002	µg/L	ND	10.1	ND	10.1	ND	10.0	ND	10.4	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.1	ND	5.3	NT	NT	NT	NT
Benzo(a)pyrene	50-32-8	ND	µg/L	ND	10.1	ND	10.1	ND	10.0	ND	10.4	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10	ND	11	NT	NT	NT	NT
Benzo(b)fluoranthene	205-99-2	0.002	µg/L	ND	10.1	ND	10.1	ND	10.0	ND	10.4	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10	ND	11	NT	NT	NT	NT
Benzo(g,h,i)perylene	191-24-2	NS	µg/L	ND	10.1	ND	10.1	ND	10.0	ND	10.4	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10	ND	11	NT	NT	NT	NT
Benzo(k)fluoranthene	207-08-9	0.002	µg/L	ND	10.1	ND	10.1	ND	10.0	ND	10.4	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10	ND	11	NT	NT	NT	NT
Dibenzo(a,h)anthracene	53-70-3	NS	µg/L	ND	10.1	ND	10.1	ND	10.0	ND	10.4	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.1	ND	5.3	NT	NT	NT	NT
Chrysene	218-01-9	0.002	µg/L	ND	10.1	ND	10.1	ND	10.0	ND	10.4	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.1	ND	5.3	NT	NT	NT	NT
Fluoranthene	206-44-0	50	µg/L	ND	10.1	ND	10.1	ND	10.0	ND	10.4	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.1	ND	5.3	NT	NT	NT	NT
Fluorene	86-73-7	50	µg/L	ND	10.1	ND	10.1	ND	10.0	ND	10.4	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.1	ND	5.3	NT	NT	NT	NT
Indeno(1,2,3-cd) pyrene	193-39-5	0.002	µg/L	ND	10.1	ND	10.1	ND	10.0	ND	10.4	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.1	ND	5.3	NT	NT	NT	NT
Naphthalene	91-20-3	10	µg/L	ND	10.1	ND	10.1	ND	10.0	ND	10.4	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.1	ND	5.3	NT	NT	NT	NT
Phenanthrene	85-01-8	50	µg/L	ND	10.1	ND	10.1	ND	10.0	ND	10.4	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.1	ND	5.3	NT	NT	NT	NT
Pyrene	129-00-0	50	µg/L	ND	10.1	ND	10.1	ND	10.0	ND	10.4	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.1	ND	5.3	NT	NT	NT	NT
Cyanide																											
Cyanide, Total	NA	0.2	mg/L	NT		0.238		0.230		0.120		0.128		0.12		0.52		0.097		0.14		0.41	S		0.29	S	

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
5. M is a laboratory data qualifier indicating "Matrix spike recoveries outside QC limits. Matrix bias indicated."
6. D is a laboratory data qualifier indicating "Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference"
7. S is a laboratory data qualifier indicating "LCS Spike recovery is below acceptable limits"
8. **Bold Sample result** = compound was detected.
9. **Gray shading indicates the sample result is above the**
10. J is a laboratory data qualifier indicating "Result estimated between the quantitation limit and half the quantitation limit."

Table 2 (Page 4 of 5)
Rochester Gas & Electric - Former MGP Site, Pavilion, NY
NYSDEC Site No. 819024
Groundwater Sample Analytical Results

Sample Location Sample Date Sample Identification				MW-4A 3/27/2020 PAV-MW4A-03272020		MW-4A 9/24/2020 PAV-MW4-0924A2020		MW-4A 3/23/2021 PAV-MW4A-032321		MW-4A 9/20/2021 PAV-MW4A-092021		MW-4A 4/9/2022 PAV-MW4A-040922		MW-4A 11/4/2022 PAV-MW4A-110422		MW-4A 10/12/2023 PAV-MW4A-101223		
Analyte	Cas No.	TOGS 1.1.1 Class GA SCG	Units	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	NT
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	
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	
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	
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	
PAHs																		
Acenaphthene	83-32-9	20	µg/L	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.2	NT
Acenaphthylene	208-96-8	NS	µg/L	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.2	
Anthracene	120-12-7	50	µg/L	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.2	
Benzo(a)anthracene	56-55-3	0.002	µg/L	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.2	
Benzo(a)pyrene	50-32-8	ND	µg/L	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10	
Benzo(b)fluoranthene	205-99-2	0.002	µg/L	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10	
Benzo(g,h,i)perylene	191-24-2	NS	µg/L	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10	
Benzo(k)fluoranthene	207-08-9	0.002	µg/L	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10	
Dibenzo(a,h)anthracene	53-70-3	NS	µg/L	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.2	
Chrysene	218-01-9	0.002	µg/L	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.2	
Fluoranthene	206-44-0	50	µg/L	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.2	
Fluorene	86-73-7	50	µg/L	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.2	
Indeno(1,2,3-cd) pyrene	193-39-5	0.002	µg/L	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.2	
Naphthalene	91-20-3	10	µg/L	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.2	
Phenanthrene	85-01-8	50	µg/L	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.2	
Pyrene	129-00-0	50	µg/L	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	10.0	ND	5.2	
Cyanide																		
Cyanide, Total	NA	0.2	mg/L	NT		ND	0.0100	0.00860	J	ND	0.0100	ND	0.0100	ND	0.010	ND	S	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. M is a laboratory data qualifier indicating "Matrix spike recoveries outside QC limits. Matrix bias indicated."
6. D is a laboratory data qualifier indicating "Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit."
7. S is a laboratory data qualifier indicating "LCS Spike recovery is below acceptable limits"
8. **Bold Sample result** = compound was detected.
9. **Gray shading indicates the sample result is above the TOGS 1.1.1 Standards, Criteria and Guidance Value.**
10. J is a laboratory data qualifier indicating "Result estimated between the quantitation limit and half the quantitation limit."

Table 2 (Page 5 of 5)
 Rochester Gas & Electric - Former MGP Site, Pavilion, NY
 NYSDEC Site No. 819024
 Groundwater Sample Analytical Results

Sample Location				MW-5		Duplicate		MW-5		MW-5		Duplicate		MW-5		MW-5		MW-5		MW-5	
Sample Date				3/26/2020		3/26/2020		9/23/2020		3/22/2021		3/22/2021		9/16/2021		4/8/2022		11/3/2022		10/11/2023	
Sample Identification				PAV-MW5-03262020		PAV-DUP-03262020		PAV-MW5-09232020		PAV-MW5-032221		PAV-DUP-032221		PAV-MW5-091621		PAV-MW5-040822		PAV-MW5-110322		PAV-MW5-101123	
Analyte	Cas No.	TOGS 1.1.1 Class GA	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
BTEX																					
Benzene	71-43-2	1	µg/L	ND	1.00	ND	1.00	ND	1.00	ND	1.00	ND	1.00	ND M	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 M	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
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
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
PAHs																					
Acenaphthene	83-32-9	20	µg/L	ND	10.1	ND	10.1	ND	10.0	ND	10.4	ND	10.4	ND	10.0	ND	10.0	ND	10.0	ND	5.3
Acenaphthylene	208-96-8	NS	µg/L	ND	10.1	ND	10.1	ND	10.0	ND	10.4	ND	10.4	ND	10.0	ND	10.0	ND	10.0	ND	5.3
Anthracene	120-12-7	50	µg/L	ND	10.1	ND	10.1	ND	10.0	ND	10.4	ND	10.4	ND	10.0	ND	10.0	ND	10.0	ND	5.3
Benzo(a)anthracene	56-55-3	0.002	µg/L	ND	10.1	ND	10.1	ND	10.0	ND	10.4	ND	10.4	ND	10.0	ND	10.0	ND	10.0	ND	5.3
Benzo(a)pyrene	50-32-8	ND	µg/L	ND	10.1	ND	10.1	ND	10.0	ND	10.4	ND	10.4	ND	10.0	ND	10.0	ND	10.0	ND	11
Benzo(b)fluoranthene	205-99-2	0.002	µg/L	ND	10.1	ND	10.1	ND	10.0	ND	10.4	ND	10.4	ND	10.0	ND	10.0	ND	10.0	ND	11
Benzo(g,h,i)perylene	191-24-2	NS	µg/L	ND	10.1	ND	10.1	ND	10.0	ND	10.4	ND	10.4	ND	10.0	ND	10.0	ND	10.0	ND	11
Benzo(k)fluoranthene	207-08-9	0.002	µg/L	ND	10.1	ND	10.1	ND	10.0	ND	10.4	ND	10.4	ND	10.0	ND	10.0	ND	10.0	ND	11
Dibenzo(a,h)anthracene	53-70-3	NS	µg/L	ND	10.1	ND	10.1	ND	10.0	ND	10.4	ND	10.4	ND	10.0	ND	10.0	ND	10.0	ND	5.3
Chrysene	218-01-9	0.002	µg/L	ND	10.1	ND	10.1	ND	10.0	ND	10.4	ND	10.4	ND	10.0	ND	10.0	ND	10.0	ND	5.3
Fluoranthene	206-44-0	50	µg/L	ND	10.1	ND	10.1	ND	10.0	ND	10.4	ND	10.4	ND	10.0	ND	10.0	ND	10.0	ND	5.3
Fluorene	86-73-7	50	µg/L	ND	10.1	ND	10.1	ND	10.0	ND	10.4	ND	10.4	ND	10.0	ND	10.0	ND	10.0	ND	5.3
Indeno(1,2,3-cd) pyrene	193-39-5	0.002	µg/L	ND	10.1	ND	10.1	ND	10.0	ND	10.4	ND	10.4	ND	10.0	ND	10.0	ND	10.0	ND	5.3
Naphthalene	91-20-3	10	µg/L	ND	10.1	ND	10.1	ND	10.0	ND	10.4	ND	10.4	ND	10.0	ND	10.0	ND	10.0	ND	5.3
Phenanthrene	85-01-8	50	µg/L	ND	10.1	ND	10.1	ND	10.0	ND	10.4	ND	10.4	ND	10.0	ND	10.0	ND	10.0	ND	5.3
Pyrene	129-00-0	50	µg/L	ND	10.1	ND	10.1	ND	10.0	ND	10.4	ND	10.4	ND	10.0	ND	10.0	ND	10.0	ND	5.3
Cyanide																					
Cyanide, Total	NA	0.2	mg/L	NT		NT		0.0103		0.00620 J		0.00580 J		0.00856 J		ND	0.0000	0.027		0.030 SN+	

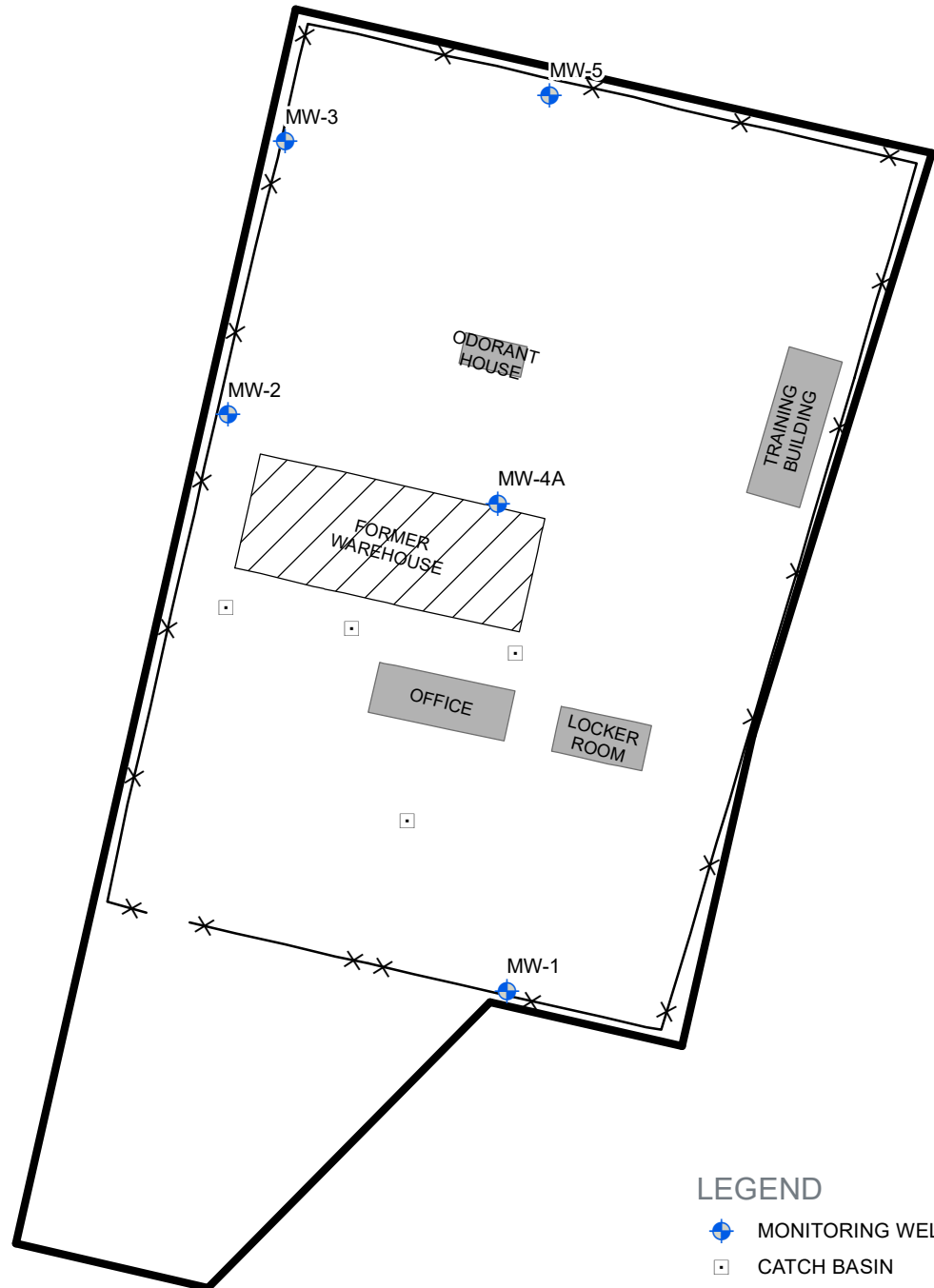
Notes:

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
5. M is a laboratory data qualifier indicating "Matrix spike recoveries outside QC limits. Matrix bias indicated."
6. D is a laboratory data qualifier indicating "Sample, Laboratory"
7. S is a laboratory data qualifier indicating "LCS Spike recovery is below acceptable limits"
8. N+ is a laboratory data qualifier indicating "Matrix Spike is above acceptable limits"
9. **Bold Sample result** = compound was detected.
10. **Gray shading indicates the sample result is above**
9. J is a laboratory data qualifier indicating "Result estimated between the quantitation limit and half the quantitation limit."
10. M is a laboratory data qualifier indicating "Matrix spike recoveries outside QC limits. Matrix bias indicated."

Figure 1

Monitoring Well Locations

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LEGEND

- MONITORING WELL
- CATCH BASIN
- AS-BUILT FENCELINE
- APPROXIMATE RG&E PROPERTY BOUNDARY - ENVIRONMENTAL EASEMENT LIMITS
- EXISTING BUILDING
- DEMOLISHED BUILDING

NOTE:
1) MONITORING WELL LOCATIONS WERE SURVEYED BY CT MALE ON DECEMBER 19, 2019.

ROCHESTER GAS AND ELECTRIC CORPORATION
PAVILION FORMER MGP SITE
6903 ELICOTT STREET ROAD
PAVILION, NEW YORK

MONITORING WELL LOCATIONS

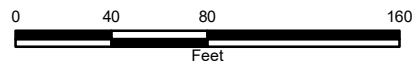
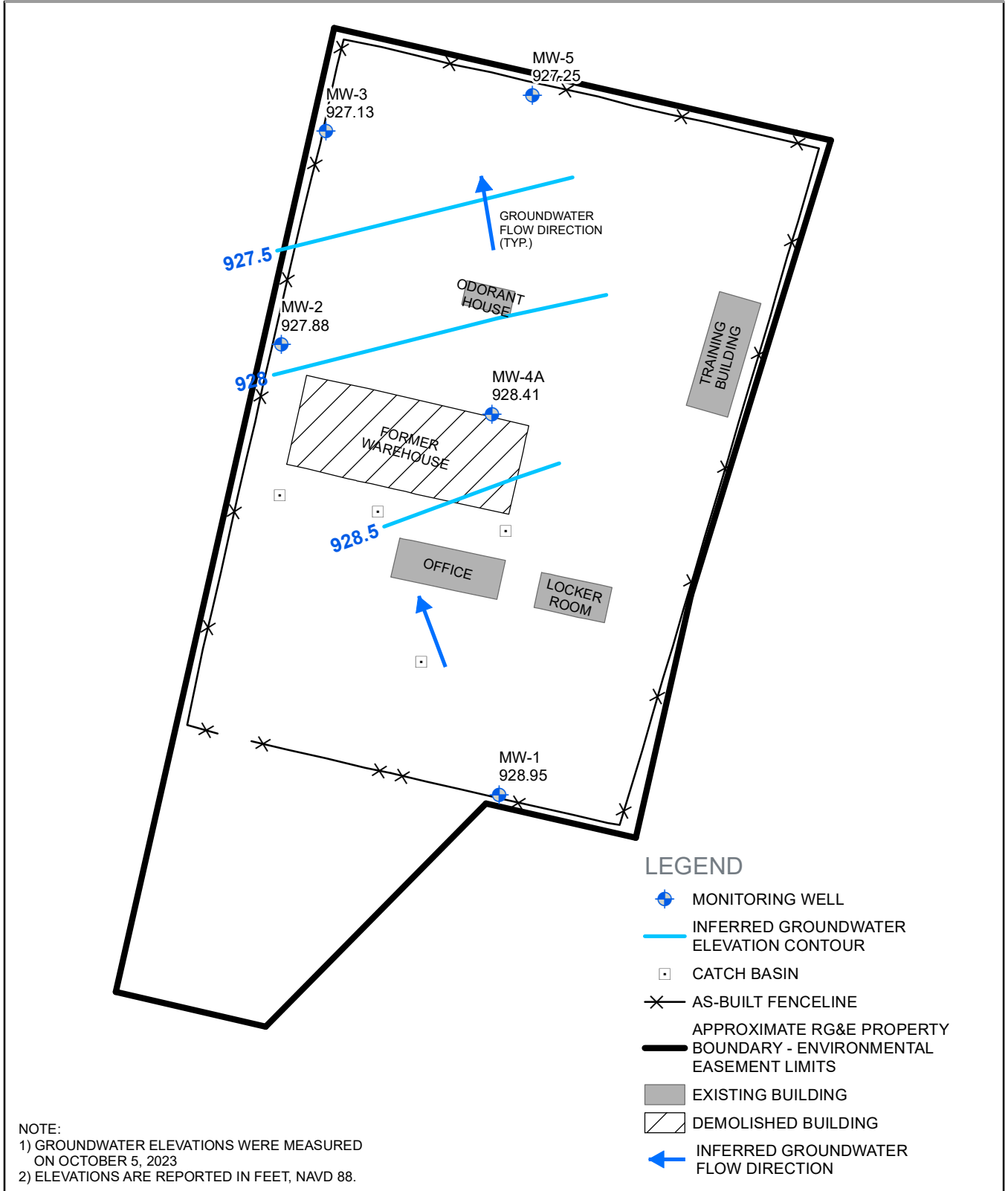


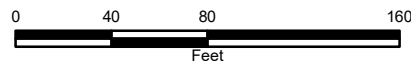
Figure 2

Groundwater Elevation Contours



ROCHESTER GAS AND ELECTRIC CORPORATION
 PAVILION FORMER MGP SITE
 6903 ELICOTT STREET ROAD
 PAVILION, NEW YORK

GROUNDWATER ELEVATION CONTOURS OCTOBER 2023



Attachment A
Groundwater Sampling Logs

NEU-VELLE, LLC

Low Flow Ground Water Sampling Log

Date 10/11/2023 Personnel K R Miller Weather cloudy 4-55° F
 Site Name RG&E - Pavillon Fmr. MGP Evacuation Method Bladder Pump 1.75-in. dia. Well # MW 5 F
 Site Location Pavillon, NY Sampling Method Bladder Pump 1.75-in. dia. Project # 2023188

Well Information:
 Depth of Well * ±18.8 ft.
 Depth to Water * 9.52 ft. 10/5/23 * Measurements taken from
 Length of Water Column _____ ft.
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)
NO NAPL 10/11/23

Start Purge Time: 11:25

Time	Depth To Water (ft. BTOC)	Temperature (C°)	pH	Conductivity (µs/cm)	Oxidation Reduction Potential (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
11:30	9.78	15.2	6.85	1.98	14.0	2.54	12.7	± 200
11:35	10.11	15.4	6.97	1.98	-12.9	2.29	13.0	↓
11:40	10.32	15.6	7.02	1.98	-22.7	2.08	11.6	
11:45	10.39	15.8	7.06	2.04	-25.2	2.04	7.46	
11:50	10.43	15.8	7.07	2.09	-26.9	2.09	4.74	
11:55	10.46	15.9	7.07	2.11	-28.1	2.06	3.71	

End Purge Time: 11:55

Water sample: 12:00 Total volume of purged water removed: ± 1.5 gal

Physical appearance at start: Color clear, Odor None, Sheen/Free Product No
 Physical appearance at sampling: Color clear, Odor None, Sheen/Free Product No
"PAV - MW 5 - 10/11/23" + MS/MSD

Analytical Parameters: Cyanide 9012

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH
250 ml	Poly	3	No	HNO ₃	NM

NEU-VELLE, LLC

Low Flow Ground Water Sampling Log

Date 10/11/2023 Personnel K R Miller Weather cloudy ± 55°F
 Site Name RG&E - Pavillon Fmr. MGP Evacuation Method Bladder Pump 1.75-in. dia. Well # MW3
 Site Location Pavillon, NY Sampling Method Bladder Pump 1.75-in. dia. Project # 2023188

Well Information:

Depth of Well * ± 14.6 ft.
 Depth to Water * 8.88 ft. 10/5/23 * Measurements taken from
 Length of Water Column _____ ft.
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)
NO NAPL 10/11/23

Start Purge Time: 13:20

Time	Depth To Water (ft. BTOC)	Temperature (C°)	pH	Conductivity (µs/cm)	Oxidation Reduction Potential (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
13:25	9.16	14.0	6.65	1.47	142.3	3.63	6.93	± 175
13:30	9.14	14.9	6.69	1.44	147.7	2.36	4.45	↓
13:35	9.15	15.2	6.68	1.39	161.0	2.31	2.94	
13:40	9.14	15.2	6.74	1.34	153.3	2.01	2.06	
13:45	9.14	15.2	6.77	1.30	156.4	2.22	1.59	

End Purge Time: 13:45

Water sample: 14:00 Total volume of purged water removed: ± 1.5 gal

Physical appearance at start: Color clear, Odor NONE, Sheen/Free Product NO
 Physical appearance at sampling: Color clear, Odor NONE, Sheen/Free Product NO

"PAV-MW3-10/11/23" + "PAV-DUP-10/11/23"

Analytical Parameters: ↑ cyanide (duplicate)

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH
250 ml	Poly	2	No	HNO ₃	NM

NEU-VELLE, LLC

Low Flow Ground Water Sampling Log

Date 10/12/2023 Personnel K R Miller Weather cloudy ± 60°F
 Site Name RG&E - Pavilion Fmr. MGP Evacuation Method Bladder Pump 1.75-in. dia. Well # MW 2
 Site Location Pavilion, NY Sampling Method Bladder Pump 1.75-in. dia. Project # 2023188

Well information:
 Depth of Well * ± 16.6 ft.
 Depth to Water * 9.59 ft. 10/5/23
 Length of Water Column _____ ft.
 * Measurements taken from
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)
NO NAPL
10/12/23

Start Purge Time: 11:20

Time	Depth To Water (ft. BTOC)	Temperature (C°)	pH	Conductivity (µs/cm)	Oxidation Reduction Potential (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
11:25	NM	15.1	6.93	0.88	-62.4	2.46	NM	± 225
11:30	10.65	15.0	6.94	0.88	-69.3	1.90	over range	↓
11:35	11.01	14.8	6.99	0.88	-71.2	1.85	over range	
11:40	11.14	15.0	7.01	0.87	-70.2	2.21	64.9	
11:45	11.20	14.9	7.02	0.88	-68.9	1.51	55.7	
11:50	11.28	14.9	7.03	0.88	-70.3	1.28	42.7	
11:55	11.21	15.0	7.01	0.88	-69.1	1.26	32.1	
12:00	11.25	15.1	7.04	0.88	-69.7	1.27	23.8	

End Purge Time: 12:00

Water sample: _____
 Time collected: 12:00 Total volume of purged water removed: ± 2 gal

Physical appearance at start
 Color Brown/Blk-red
 Odor swampy
 Sheen/Free Product NO

Physical appearance at sampling
 Color clear
 Odor swampy
 Sheen/Free Product NO

"PAV-EB-101223" (equip. blank) collected @ 11:15

Analytical Parameters: Sample = "PAV-MW2-101223"

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH
250 ml	Poly	2	No	HNO ₃	NM

NEU-VELLE, LLC

Low Flow Ground Water Sampling Log

Date 10/12/2023 Personnel K R Miller Weather cloudy ± 60°
 Site Name RG&E - Pavillon Fmr. MGP Evacuation Method Bladder Pump 1.75-in. dia. Well # MW 4A F
 Site Location Pavillon, NY Sampling Method Bladder Pump 1.75-in. dia. Project # 2023188

Well Information:

Depth of Well * ± 16.5 ft.
 Depth to Water * 9.23 ft. 10/5/23
 Length of Water Column _____ ft.
 * Measurements taken from
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)
NO NAPL
10/12/23

Start Purge Time: 12:45

Time	Depth To Water (ft. BTOC)	Temperature (C°)	pH	Conductivity (µs/cm)	Oxidation Reduction Potential (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
12:50	9.23	16.1	7.48	1.76	-13.5	2.60	over range	± 2.00
12:55	9.68	16.7	7.51	1.75	-34.3	1.77	over	
13:00	9.95	16.5	7.44	1.71	-35.2	1.68	60.6	
13:05	10.18	16.7	7.39	1.68	-27.3	1.64	44.9	
13:10	10.34	16.7	7.48	1.66	-32.4	1.63	26.8	
13:15	10.55	16.7	7.51	1.67	-37.2	1.73	16.9	
13:20	10.76	16.6	7.50	1.67	-44.0	1.65	17.0	
13:25	10.91	16.6	7.56	1.71	-48.3	1.55	15.7	

End Purge Time: 13:25

Water sample: 13:30
 Time collected: _____ Total volume of purged water removed: ± 2 gal

Physical appearance at start
 Color reddish-brown
 Odor NONE
 Sheen/Free Product NO

Physical appearance at sampling
 Color clear
 Odor NONE
 Sheen/Free Product No

" PAV - MW 4A - 101223 "

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH
250 ml	Poly	<u>1</u>	No	HNO ₃	NM

NEU-VELLE, LLC

Low Flow Ground Water Sampling Log

Date 10/13/2023 Personnel KR Miller Weather cloudy ± 55°F
 Site Name RG&E - Pavilion Fmr. MGP Evacuation Method Bladder Pump 1.75-in. dia. Well # MW 1
 Site Location Pavillon, NY Sampling Method Bladder Pump 1.75-in. dia. Project # 2023188

Well Information:
 Depth of Well * ± 19.3 ft.
 Depth to Water * 9.17 ft. 10/5/23
 Length of Water Column _____ ft.
 * Measurements taken from
 Top of Well Casing
 Top of Protective Casing
 (Other, Specify)
NO NAPL
10/13/23

Start Purge Time: 12:20

Time	Depth To Water (ft. BTOC)	Temperature (C°)	pH	Conductivity (µs/cm)	Oxidation Reduction Potential (mV)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Flow Rate (ml/min)
12:25	NM	15.1	6.68	1.02	161.1	4.09	OVER	± 200
12:30	11.04	15.2	6.76	1.00	157.1	5.24	OVER	
12:35	12.40	15.1	6.86	0.97	157.1	5.23	OVER	
12:40	13.25	14.9	6.89	1.01	156.6	5.59	OVER	
12:45	13.76	14.8	6.93	1.09	156.1	5.71	OVER	
12:50	13.89	14.7	6.97	1.18	154.8	5.55	OVER	
12:55	13.97	14.6	6.99	1.24	153.4	5.32	OVER	
13:00	14.19	14.7	7.02	1.28	152.3	5.21	OVER	↓
13:05	14.35	14.6	7.06	1.34	150.5	5.75	OVER	
13:10	14.45	14.6	7.07	1.36	149.8	5.45	OVER	

End Purge Time: 13:10

Water sample: _____
 Time collected: 13:15 Total volume of purged water removed: ± 2.5 gal

Physical appearance at start
 Color lt. brown
 Odor NONE
 Sheen/Free Product NO

Physical appearance at sampling
 Color lighter brown
 Odor NONE
 Sheen/Free Product NO

"PAV - MW 1 - 10/13/23"

Analytical Parameters:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH
250 ml	Poly	1	No	HNO ₃	NM

Attachment B
Groundwater Laboratory Report and Chain of Custody Forms



Analytical Report For

Neu-Velle

For Lab Project ID

234845

Referencing

RG&E Pavilion MGP Site

Prepared

Thursday, October 26, 2023

The enclosed reports reflect an analysis that has been subcontracted and are presented in their original form.

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.



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(800) 848-4983 ♦ (518) 434-4546 ♦ Fax (518) 434-0891

October 25, 2023

Emily Farmen
Paradigm Environmental
179 Lake Avenue
Rochester, NY 14608

Work Order No: 231017013

TEL: (800) 724-1997

RE: Analysis of Samples
Project #234845

Adirondack Environmental Services, Inc received 7 samples on 10/17/2023 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

A handwritten signature in black ink, appearing to read "Chris Hess", is written over a horizontal line.

Christopher Hess
QA Manager

Paradigm Environmental

Date: 25-Oct-23

Analysis of Samples

Lab WorkOrder: 231017013

Project #234845

Sample containers were not supplied by Adirondack Environmental Services.

Definitions - RL: Reporting Limit DF: Dilution factor

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

Adirondack Environmental Services, Inc

Date: 25-Oct-23

CLIENT: Paradigm Environmental
Project: Analysis of Samples
 Project #234845

LabWork Order: 231017013
PO#:

Lab SampleID: 231017013-001 **Collection Date:** 10/11/2023 12:00:00 PM
Client Sample ID: 234845-01 (PAV-MW5-101123) **Matrix:** WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

CYANIDE, TOTAL - EPA 335.4 REV 1.0 Analyst: GK
 (Prep: 335.4 - 10/23/2023)
 Cyanide 0.030 0.010 SN+ mg/L 1 10/24/2023 2:40:11 PM

Lab SampleID: 231017013-002 **Collection Date:** 10/11/2023 12:00:00 PM
Client Sample ID: 234845-02 (PAV-DUP-101123) **Matrix:** WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

CYANIDE, TOTAL - EPA 335.4 REV 1.0 Analyst: GK
 (Prep: 335.4 - 10/23/2023)
 Cyanide 0.29 0.050 S mg/L 5 10/24/2023 3:12:51 PM

Lab SampleID: 231017013-003 **Collection Date:** 10/11/2023 2:00:00 PM
Client Sample ID: 234845-03 (PAV-MW3-101123) **Matrix:** WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

CYANIDE, TOTAL - EPA 335.4 REV 1.0 Analyst: GK
 (Prep: 335.4 - 10/24/2023)
 Cyanide 0.41 0.050 S mg/L 5 10/24/2023 3:14:28 PM

Lab SampleID: 231017013-004 **Collection Date:** 10/12/2023 11:15:00 AM
Client Sample ID: 234845-04 (PAV-EB-101223) **Matrix:** WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

CYANIDE, TOTAL - EPA 335.4 REV 1.0 Analyst: GK
 (Prep: 335.4 - 10/24/2023)
 Cyanide ND 0.010 S mg/L 1 10/25/2023 3:33:50 PM

Lab SampleID: 231017013-005 **Collection Date:** 10/12/2023 12:00:00 PM
Client Sample ID: 234845-05 (PAV-MW2-101223) **Matrix:** WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

CYANIDE, TOTAL - EPA 335.4 REV 1.0 Analyst: GK
 (Prep: 335.4 - 10/24/2023)
 Cyanide ND 0.010 S mg/L 1 10/25/2023 3:52:52 PM

Adirondack Environmental Services, Inc

Date: 25-Oct-23

CLIENT: Paradigm Environmental
Project: Analysis of Samples
Project #234845

LabWork Order: 231017013
PO#:

Lab SampleID: 231017013-006 **Collection Date:** 10/12/2023 1:30:00 PM
Client Sample ID: 234845-06 (PAV-MW4A-10122) **Matrix:** WATER

Analyses **Result** **RL** **Qual** **Units** **DF** **Date Analyzed**

CYANIDE, TOTAL - EPA 335.4 REV 1.0 **Analyst: GK**
(**Prep: 335.4 - 10/24/2023**)
Cyanide **ND** 0.010 S mg/L 1 10/25/2023 3:54:39 PM

Lab SampleID: 231017013-007 **Collection Date:** 10/13/2023 1:15:00 PM
Client Sample ID: 234845-07 (PAV-MW1-101323) **Matrix:** WATER

Analyses **Result** **RL** **Qual** **Units** **DF** **Date Analyzed**

CYANIDE, TOTAL - EPA 335.4 REV 1.0 **Analyst: GK**
(**Prep: 335.4 - 10/24/2023**)
Cyanide **0.023** 0.010 S mg/L 1 10/25/2023 3:56:24 PM

CLIENT: Paradigm Environmental
Work Order: 231017013
Project: Analysis of Samples

ANALYTICAL QC SUMMARY REPORT

BatchID: 104499

MBLK	SeqNo: 3657654	PrepDate:10/23/2023	TestNo: E335.4	RunNo: 226158
	Samp ID: MB-104499	PrepRef:(335.4)	Units: mg/L	Analysis Date: 10/24/2023

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	ND	0.010									

LCS	SeqNo: 3657655	PrepDate:10/23/2023	TestNo: E335.4	RunNo: 226158
	Samp ID: LCS-104499	PrepRef:(335.4)	Units: mg/L	Analysis Date: 10/24/2023

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	0.07146	0.010	0.086	0	83.1	90	110	0	0		S

MS	SeqNo: 3657675	PrepDate:10/23/2023	TestNo: E335.4	RunNo: 226158
	Samp ID: 231017013-001 (234845-01 (PAV-	PrepRef:(335.4)	Units: mg/L	Analysis Date: 10/24/2023

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	0.09408	0.010	0.043	0.02973	150	90	110	0	0		S

MSD	SeqNo: 3657676	PrepDate:10/23/2023	TestNo: E335.4	RunNo: 226158
	Samp ID: 231017013-001 (234845-01 (PAV-	PrepRef:(335.4)	Units: mg/L	Analysis Date: 10/24/2023

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	0.1077	0.010	0.043	0.02973	181	90	110	0.09408	13.5	20	S

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: 231017013
Project: Analysis of Samples

ANALYTICAL QC SUMMARY REPORT

BatchID: 104530

MBLK	SeqNo: 3658298	PrepDate: 10/24/2023	TestNo: E335.4	RunNo: 226202
	Samp ID: MB-104530	PrepRef: (335.4)	Units: mg/L	Analysis Date: 10/25/2023

<u>Analyte</u>	<u>Result</u>	<u>PQL</u>	<u>SPK value</u>	<u>SPK Ref Val</u>	<u>%REC</u>	<u>LowLimit</u>	<u>HighLimit</u>	<u>RPD Ref Val</u>	<u>%RPD</u>	<u>RPDLimit</u>	<u>Qual</u>
Cyanide	ND	0.010									

LCS	SeqNo: 3658299	PrepDate: 10/24/2023	TestNo: E335.4	RunNo: 226202
	Samp ID: LCS-104530	PrepRef: (335.4)	Units: mg/L	Analysis Date: 10/25/2023

<u>Analyte</u>	<u>Result</u>	<u>PQL</u>	<u>SPK value</u>	<u>SPK Ref Val</u>	<u>%REC</u>	<u>LowLimit</u>	<u>HighLimit</u>	<u>RPD Ref Val</u>	<u>%RPD</u>	<u>RPDLimit</u>	<u>Qual</u>
Cyanide	0.04671	0.010	0.086	0	54.3	90	110	0	0		S

MS	SeqNo: 3658310	PrepDate: 10/24/2023	TestNo: E335.4	RunNo: 226202
	Samp ID: 231013030-001	PrepRef: (335.4)	Units: mg/L	Analysis Date: 10/25/2023

<u>Analyte</u>	<u>Result</u>	<u>PQL</u>	<u>SPK value</u>	<u>SPK Ref Val</u>	<u>%REC</u>	<u>LowLimit</u>	<u>HighLimit</u>	<u>RPD Ref Val</u>	<u>%RPD</u>	<u>RPDLimit</u>	<u>Qual</u>
Cyanide	0.06862	0.010	0.043	0.007435	142	90	110	0	0		S

DUP	SeqNo: 3658306	PrepDate: 10/24/2023	TestNo: E335.4	RunNo: 226202
	Samp ID: 231013040-001	PrepRef: (335.4)	Units: mg/L	Analysis Date: 10/25/2023

<u>Analyte</u>	<u>Result</u>	<u>PQL</u>	<u>SPK value</u>	<u>SPK Ref Val</u>	<u>%REC</u>	<u>LowLimit</u>	<u>HighLimit</u>	<u>RPD Ref Val</u>	<u>%RPD</u>	<u>RPDLimit</u>	<u>Qual</u>
Cyanide	ND	0.010	0	0	0	0	0	0	0	14.2	

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

231017013

ELAP ID: 1



CHAIN OF CUSTODY

REPORT TO:

INVOICE TO:

COMPANY: Paradigm Environmental	COMPANY: Same	LAB PROJECT #:	CLIENT PROJECT:
ADDRESS:	ADDRESS:	TURNAROUND TIME: (WORKING DAYS)	
CITY: STATE: ZIP:	CITY: STATE: ZIP:	STD <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5	
PHONE: FAX:	PHONE: FAX:	Date Due: 10/24/20	
ATTN: Reporting	ATTN: Accounts Payable	COMMENTS: Please email results to reporting@paradigmenv.com	

REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAINER NUMBER	TCN	MS/MSD	REMARKS	PARADIGM LAB SAMPLE NUMBER
1 10/11/23	12:00		X	PAV-MW5-101123	WG	3	X	X	*QC Supplement*	234845 -01
2 ↓			X	PAV-DUP-101123	WG	1	X			-02
3 ↓	14:00		X	PAV-MW3-101123	WG	1	X			-03
4 10/12/23	11:15		X	PAV-EB-101223	WA	1	X			-04
5 ↓	12:00		X	PAV-MW2-101223	WG	1	X			-05
6 ↓	13:30		X	PAV-MWA-101223	WG	1	X			-06
7 10/13/23	13:15		X	PAV-MW1-101323	WG	1	X			-07
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 <input type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Preservation:	Y <input type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Holding Time:	Y <input type="checkbox"/>	N <input type="checkbox"/>
Comments:		
Temperature: <i>40</i>	Y <input type="checkbox"/>	N <input type="checkbox"/>
Comments:		

Client		Total Cost:	
Sampled By: <i>[Signature]</i>	Date/Time: 10/17/2023 0830		
Requisitioned By: <i>[Signature]</i>	Date/Time: 10/17/23 1100		
Received By: <i>[Signature]</i>	Date/Time: 10/17/23 16:50	P.I.F.	
Received @ Lab By:	Date/Time:		



231017013



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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.



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.

"Z" = See case narrative.

"H" = Sample analyzed outside of holding time.

"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.

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.

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 will 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 the 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.

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.

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CHAIN OF CUSTODY

REPORT TO:			INVOICE TO:		
CLIENT:	Neu-Velle, LLC		CLIENT:	Same	
ADDRESS:	10 Jones Avenue		ADDRESS:		
CITY:	Rochester	STATE: NY ZIP 14608	CITY:	STATE:	ZIP:
PHONE:	(585) 478-1666		PHONE:		
ATTN:	Kyle Miller		ATTN:		
LAB PROJECT ID			234845		
Quotation #:					
Email: Ireid & kmiller			@neu-velle.com		
Matrix Codes: AQ - Aqueous Liquid WA - Water LW - Drinking Water SU - Soil SD - Solid NQ - Non-Aqueous Liquid WG - Groundwater WW - Wastewater SL - Sludge PI - Paint WP - Wipe CK - Caulk UL - Oil AR - Air					

PROJECT REFERENCE

RG&E Pavillon MGP Site

REQUESTED ANALYSIS															
DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX	COUNTAINERS	Total CN 9012							REMARKS	PARADIGM LAB SAMPLE NUMBER
10/11/2023	12:00		X	PAV-MW5-101123	WG	3	X							+MS/MSD	01
10/11/2023	-----		X	PAV-DUP-101123	WG	1	X							duplicate	02
10/11/2023	14:00		X	PAV-MW3-101123	WG	1	X								03
10/12/2023	11:15		X	PAV-EB-101223	WA	1	X							equipment blank	04
10/12/2023	12:00		X	PAV-MW2-101223	WG	1	X								05
10/12/2023	13:30		X	PAV-MW4A-101223	WG	1	X								06
10/13/2023	13:15		X	PAV-MW1-101323	WG	1	X								07

Turnaround Time	Report Supplements		
Availability contingent upon lab approval; additional fees may apply.			
Standard 5 day <input checked="" type="checkbox"/>	None Required <input type="checkbox"/>	None Required <input type="checkbox"/>	None Required <input type="checkbox"/>
10 day <input type="checkbox"/>	Batch QC <input type="checkbox"/>	Basic EDD <input type="checkbox"/>	Basic EDD <input type="checkbox"/>
Rush 3 day <input type="checkbox"/>	Category A <input checked="" type="checkbox"/>	NYSDEC EDD <input checked="" type="checkbox"/>	NYSDEC EDD <input checked="" type="checkbox"/>
Rush 2 day <input type="checkbox"/>	Category B <input type="checkbox"/>		
Rush 1 day <input type="checkbox"/>			
Other <input type="checkbox"/>	Other <input type="checkbox"/>	Other EDD <input type="checkbox"/>	Other EDD <input type="checkbox"/>
<small>please indicate date needed:</small>	<small>please indicate package needed:</small>	<small>please indicate EDD needed:</small>	<small>please indicate EDD needed:</small>

Sampled By K Miller Total Cost:

Relinquished By [Signature] Date/Time 10/16/23 14:50

Received By [Signature] Date/Time 10/16/23 1450 P.I.F.

Received @ Lab By [Signature] Date/Time 10/16/23 1450

5°C iced 10/16/23 1450

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

custody seals N/A, delivered by client on 10/16/23

See additional page for sample conditions.



Chain of Custody Supplement

Client: NEV-VELU

Completed by: [Signature]

Lab Project ID: 234845

Date: 10/16/2023

Sample Condition Requirements

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

NELAC compliance with the sample condition requirements upon receipt

Condition	Yes	No	N/A
Container Type	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	_____		
Transferred to method-compliant container	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Headspace (<1 mL)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments	_____		
Preservation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	_____		
Chlorine Absent (<0.10 ppm per test strip)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments	_____		
Holding Time	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	_____		
Temperature	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	<u>5°C held</u>		
Compliant Sample Quantity/Type	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	_____		