NEU-VELLE LLC

February 5, 2025

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

Re: Report – Eighth Post-Remediation Groundwater Sampling Event – October 2024
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 eighth (8th) 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 9, 2024. 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 10 through 11, 2024, 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.

10 Jones Avenue, Rochester, New York 14608
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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-5 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 four (4) of the five (5) on-site groundwater monitoring wells, as follows:

- MW-1: total cyanide was reported at a concentration of 0.017 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-2: total cyanide was reported at a concentration of 0.016 milligrams per liter (mg/L) in the groundwater sample collected from MW-2, 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 0.120 mg/L in the groundwater sample collected from MW-3, which is below 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 0.015 mg/L in the groundwater sample collected from MW-5, and it was reported at a concentration of 0.014 mg/L in the "blind duplicate" QA/QC sample collected from this well., 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-5 (0.014 mg/L) was very similar to the reported concentration of total cyanide (0.015 mg/L) in its "parent sample" (i.e., also collected from groundwater monitoring well MW-5); and
- total cyanide was not reported in the "equipment blank" QA/QC sample ("PAV-EB-101024") 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 9, 2024. 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 eighth post-remediation groundwater sampling event completed at the RG&E Pavilion Former MGP site (NYSDEC Site No. 819024). Concentrations of total cyanide were detected in groundwater samples collected from four (4) of the on-site groundwater monitoring wells, each below the corresponding 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 2025 and will include the sample scope of sampling and analyses as this past sampling event.

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

NEU-VELLE LLC

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)	Depth to Water (ft bgs)	Groundwater Elevation (ft)
		3/25/2020		9/22/2020		3/22/2021		9/17/2021	
MW-1	938.12	5.22	932.90	6.89	931.23	5.88	932.24	6.68	931.44
MW-2	937.47	5.95	931.52	7.52	929.95	6.31	931.16	6.90	930.57
MW-3	936.01	4.41	931.60	6.68	929.33	5.18	930.83	4.81	931.20
MW-4A	937.64	5.09	932.55	7.31	930.33	5.83	931.81	5.78	931.86
MW-5	936.77	5.11	931.66	7.35	929.42	6.08	930.69	5.96	930.81

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)
		4/7/2022		11/3/2022		10/5/2023		10/9/2024	
MW-1	938.12	5.50	932.62	7.39	930.73	9.17	928.95	7.01	931.11
MW-2	937.47	6.06	931.41	7.81	929.66	9.59	927.88	7.62	929.85
MW-3	936.01	4.78	931.23	7.20	928.81	8.88	927.13	6.92	929.09
MW-4A	937.64	5.30	932.34	7.61	930.03	9.23	928.41	7.30	930.34
MW-5	936.77	5.30	931.47	7.79	928.98	9.52	927.25	6.66	930.11

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

NEU-VELLE LLC

Table 2
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		MW-1	
Sample Date			3/25/2020		9/22/2020		3/22/2021		9/16/2021		9/16/2021		4/7/2022		11/2/2022		10/13/2023		10/10/2024	
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		PAV-MW1-101024	
Analyte	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
Cyanide																				
Cyanide, Total	0.2	mg/L	NT		**0.0137**		**0.00920** JM		ND	0.0100	ND	0.0100	ND	0.0100	ND	0.010	**0.023** S		**0.0170**	0.010

Sample Location			MW-2		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		10/11/2024	
Sample Identification			PAV-MW2-03272020		PAV-MW2-09242020		PAV-MW2-032321		PAV-MW2-091721		PAV-MW1-040822		PAV-MW2-113222		PAV-MW2-101223		PAV-MW2-101124	
Analyte	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
Cyanide																		
Cyanide, Total	0.2	mg/L	NT		**0.0234**		**0.0298**		**0.0254**		**0.019**		ND	0.010	ND S	0.010	**0.0160**	0.010

Sample Location			MW-3		MW-3		Duplicate		MW-3		MW-3		MW-3		Duplicate		MW-3		Duplicate		MW-3		Duplicate		MW-3	
Sample Date			3/26/2020		9/23/2020		9/23/2020		3/23/2021		9/17/2021		4/8/2022		4/8/2022		11/3/2022		11/3/2022		10/11/2023		10/11/2023		10/11/2024	
Sample Identification			PAV-MW3-03262020		PAV-MW3-09232020		PAV-DUP-09232020		PAV-MW3-032321		PAV-MW3-091721		PAV-MW3-040822		PAV-DUP-040822		PAV-MW3-110322		PAV-DUP-110322		PAV-MW3-101123		PAV-DUP-101123		PAV-MW3-101124	
Analyte	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
Cyanide																										
Cyanide, Total	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		**0.120**	0.010

Sample Location			MW-4A		MW-4A		MW-4A		MW-4A		MW-4A		MW-4A		MW-4A		MW-4A	
Sample Date			3/27/2020		9/24/2020		3/23/2021		9/20/2021		4/9/2022		11/4/2022		10/12/2023		10/10/2024	
Sample Identification			PAV-MW4A-03272020		PAV-MW4-09242020		PAV-MW4A-032321		PAV-MW4A-092021		PAV-MW4A-040922		PAV-MW4A-110422		PAV-MW4A-101223		PAV-MW4A-101024	
Analyte	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
Cyanide																		
Cyanide, Total	0.2	mg/L	NT		ND	0.0100	**0.00860** J		ND	0.0100	ND	0.0100	ND	0.010	ND S	0.010	ND	0.010

Sample Location			MW-5		Duplicate		MW-5		MW-5		Duplicate		MW-5		MW-5		MW-5		MW-5		MW-5		Duplicate	
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		10/11/2024		10/11/2024	
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		PAV-MW5-101124		PAV-DUP-101124	
Analyte	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
Cyanide																								
Cyanide, Total	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+		**0.0150**		**0.0140**	

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. S is a laboratory data qualifier indicating "LCS Spike recovery is below acceptable limits"
7. N+ is a laboratory data qualifier indicating "Matrix Spike is above acceptable limits"
8. J is a laboratory data qualifier indicating "Result estimated between the quantitation limit and half the quantitation limit."
9. **Bold Sample result** = compound was detected.
10. **Gray shading indicates the sample result is above the TOGS 1.1.1 Standards, Criteria and Guidance Value.**

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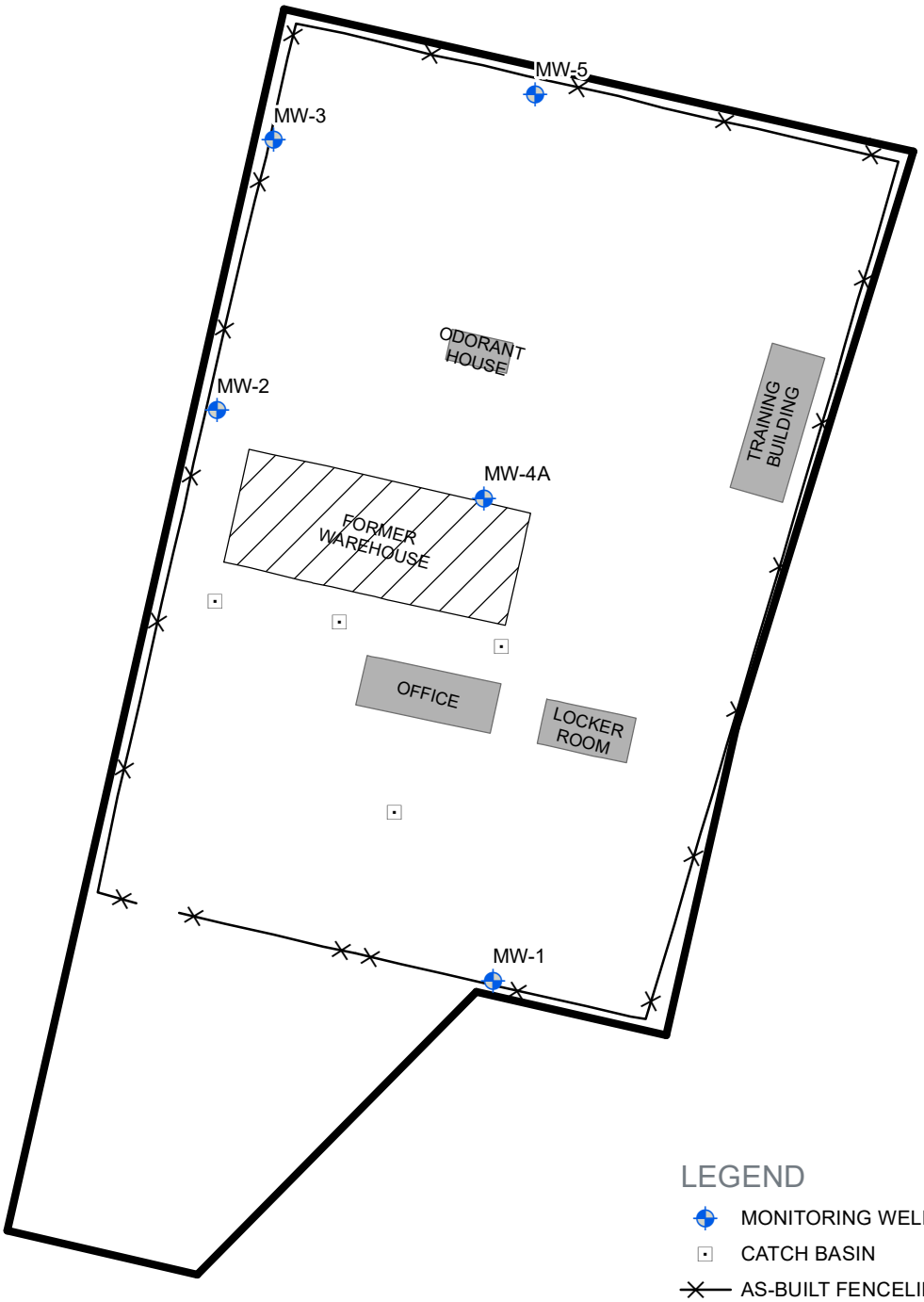
Figure 1

Monitoring Well Locations

NEU-VELLE LLC

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FIGURE 1



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

N

0 40 80 160
Feet

FEBRUARY 2025

NEU-VELLE LLC

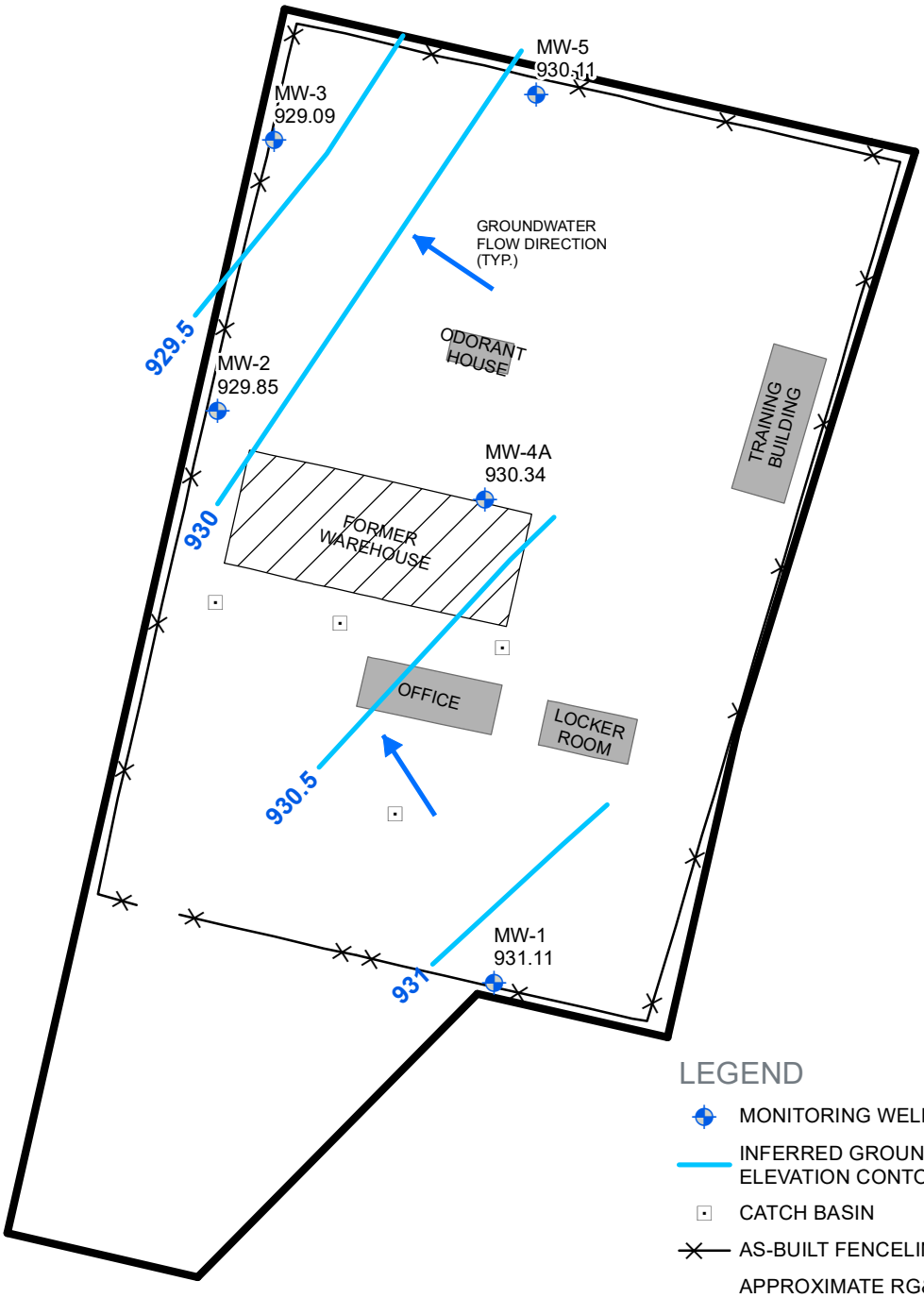
Figure 2

Groundwater Elevation Contours

NEU-VELLE LLC

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FIGURE 2



LEGEND

- MONITORING WELL
- INFERRED GROUNDWATER ELEVATION CONTOUR
- CATCH BASIN
- AS-BUILT FENCELINE
- APPROXIMATE RG&E PROPERTY BOUNDARY - ENVIRONMENTAL EASEMENT LIMITS
- EXISTING BUILDING
- DEMOLISHED BUILDING
- INFERRED GROUNDWATER FLOW DIRECTION

NOTE:
1) GROUNDWATER ELEVATIONS WERE MEASURED ON OCTOBER 9, 2024.
2) ELEVATIONS ARE REPORTED IN FEET, NAVD 88.

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

N

GROUNDWATER ELEVATION CONTOURS
OCTOBER 2024

0 40 80 160
Feet

FEBRUARY 2025

NEU-VELLE LLC

Attachment A

Groundwater Sampling Logs

NEU-VELLE LLC

NEU-VELLE, LLC

Low Flow Ground Water Sampling Log

Date	10 / 11 /2024	Personnel	Andrew Rothfuss	Weather	65°F Sunny
Site Name	RGE Pavilion	Evacuation Method	Bladder Pump 1.75-in. dia.	Well #	MW-2
Site Location	Pavilion NY	Sampling Method	Bladder Pump 1.75-in. dia.	Project #	

Well information:

Depth of Well * 16.6 ft.
Depth to Water * 7.62 ft.
Length of Water Column ft.

* Measurements taken from

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

Start Purge Time: 1240

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)
1245	7.70	18.0	7.02	0.914	-42.6	0.85	OVCV	200
1250	8.66	17.6	7.03	0.907	-61.5	1.06	OVCV	
1255	9.00	17.4	7.03	0.911	-64.6	1.39	OVCV	
1300	9.18	17.5	7.03	0.912	-70.2	1.34	OVCV	
1305	9.21	17.3	7.03	0.913	-69.2	1.59	OVCV	
1310	9.23	17.4	7.03	0.910	-70.5	1.43	OVCV	
~~1315~~								

End Purge Time: ~~1315~~ 1310

Water sample:

Time collected: ~~1320~~ 1315

Total volume of purged water removed: 1.5-2 gal

Physical appearance at start
Color Brown
Odor None
Sheen/Free Product None

Physical appearance at sampling
Color lt brown/orange
Odor None
Sheen/Free Product None

PAV_MW-2_101124

Analytical Parameters:

TCN

NEU-VELLE, LLC

Low Flow Ground Water Sampling Log

Date	10 / 11 /2024	Personnel	Andrew Rothfuss	Weather	65°F sunny
Site Name	RGE Pavilion	Evacuation Method	Bladder Pump 1.75-in. dia.	Well #	MW-3
Site Location	Pavilion NY	Sampling Method	Bladder Pump 1.75-in. dia.	Project #	

Well Information:

Depth of Well * 14.6+ ft.

Depth to Water * 6.92 ft. 10/9/24

Length of Water Column ft.

* Measurements taken from

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

Start Purge Time: 11:00

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)
1105	7.09	17.7	6.59	1.270	235.2	1.21	8.95	
10	7.24	17.6	6.63	1.370	232.9	1.13	4.59	
15	7.24	17.5	6.66	1.519	228.0	1.32	2.90	
20	7.25	17.5	6.72	1.555	224.6	1.31	3.52	
25	7.25	17.7	6.75	1.655	217.5	1.47	3.25	
30	7.26	17.7	6.77	1.717	214.3	1.46	3.64	

End Purge Time: 1130

Water sample:

Time collected: 1135

Total volume of purged water removed:

Physical appearance at start

Color Clear

Odor None

Sheen/Free Product None

Physical appearance at sampling

Color Cloudy

Odor None

Sheen/Free Product None

PAV-MW-3-101124

Analytical Parameters:

NEU-VELLE, LLC

Low Flow Ground Water Sampling Log

Date	10/11/2024	Personnel	Andrew Rothfuss	Weather	65° F Sunny
Site Name	RGE Pavilion	Evacuation Method	Bladder Pump 1.75-in. dia.	Well #	MW-5
Site Location	Pavilion NY	Sampling Method	Bladder Pump 1.75-in. dia.	Project #	

Well information:

Depth of Well * 18.8± ft.

Depth to Water * 6.66 ft. 10/9/24

Length of Water Column ft.

* Measurements taken from

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

NO NAPL

Start Purge Time: 1005

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)
1010	NM	16.7	7.13	1.458	200.1	1.26	17.1	200
1015	7.34	16.8	7.14	1.470	185.2	1.19	11.1	
1020	7.92	17.1	7.18	1.464	149.3	1.34	11.47	
1025	8.16	17.3	7.20	1.436	139.4	1.56	9.20	
1030	8.19	17.3	7.24	1.399	129.0	1.66	6.09	
1035	8.20	17.5	7.27	1.364	121.8	1.66	6.04	

End Purge Time: 1035

Duplicate PAV_DUP_101124

~~MS/MSD~~

Water sample:

Time collected: 1040

Total volume of purged water removed: 1.5-2 gal

Physical appearance at start

Color Clear

Odor None

Sheen/Free Product None

Physical appearance at sampling

Color Clear

Odor None

Sheen/Free Product None

"PAV_MW-5_101124" → MS/MSD

Analytical Parameters:

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

Date	10/10/2024	Personnel	Andrew Rothfuss	Weather	53°F
Site Name	RGE Pavilion	Evacuation Method	Bladder Pump 1.75-in. dia.	Well #	MW-4A
Site Location	Pavilion NY	Sampling Method	Bladder Pump 1.75-in. dia.	Project #	

Well information:

Depth of Well * 16.5± ft.
Depth to Water * 7.30 ft. 10/9/24
Length of Water Column ft.

* Measurements taken from

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

NO NAPL

Start Purge Time: 1435

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)
1440	NM	18.2	7.41	1.282	227.0	2.76	23.8	200
1445	8.43	18.1	7.28	1.571	220.4	1.58	22.9	
1450	9.13	18.2	7.32	1.566	214.4	1.50	18.9	
1455	10.01	18.3	7.32	1.561	209.2	1.72	14.0	
1500	10.21	18.3	7.35	1.561	196.2	1.61	10.3	
1505	10.34	18.3	7.38	1.563	172.0	1.60	8.9	
1510								

End Purge Time: 1505

Water sample:
Time collected: 1510

Total volume of purged water removed: 2.5 gal ±

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

Physical appearance at sampling
Color: Clear
Odor: none
Sheen/Free Product: none

"PAV-EB-101024" @1425 "PAV-MW-4A-101024" @1510

Analytical Parameters:

NEU-VELLE, LLC

Low Flow Ground Water Sampling Log

Date	10/10/2024	Personnel	Andrew Rothfuss	Weather	60 °F
Site Name	RGE Pavilion	Evacuation Method	Bladder Pump 1.75-in. dia.	Well #	MW-1
Site Location	Pavilion NY	Sampling Method	Bladder Pump 1.75-in. dia.	Project #	

Well Information:

Depth of Well * 19.3 ft.
Depth to Water * 7.01 ft. 10/9/24
Length of Water Column ft.

* Measurements taken from

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

NO NAPL 10/10/24

Start Purge Time: 1255

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)
1300	8.14	16.9	7.16	1.698	113.1	2.69	10.12	700
1305	9.24	16.9	7.15	1.741	187.3	2.44	8.18	
1310	9.87	16.7	7.10	1.755	221.7	2.16	13.4	
1315	10.69	16.5	7.08	1.771	237.9	2.51	17.6	
1320	11.11	16.2	7.06	1.773	248.0	2.38	84.2	
1325	11.37	16.1	7.01	1.776	251.7	1.85	over	
1330	11.59	15.9	7.00	1.780	254.5	1.96	over	
1335		15.6	7.04	1.733	142.8	2.05	over	
1340		15.5	7.00	1.729	165.9	2.27	over	
1345								

End Purge Time: 1340

Water sample:

Time collected: 1345

Total volume of purged water removed: 2.5-3 gal

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

Physical appearance at sampling
Color: Cloudy/milky
Odor: None
Sheen/Free Product: None

4 PAV_MW-1_101024"

Analytical Parameters:

TCN

Attachment B

Groundwater Laboratory Report and Chain of Custody Forms

NEU-VELLE LLC

PARADIGM

PARADIGM
ENVIRONMENTAL SERVICES, INC

Analytical Report For

Neu-Velle

For Lab Project ID

244783

Referencing

RGE Pavilion

Prepared

Friday, October 18, 2024

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

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: 244783

Client: **Neu-Velle**

Project Reference: RGE Pavilion

Sample Identifier:	PAV-MW-1-101024		
Lab Sample ID:	244783-01	**Date Sampled:**	10/10/2024 13:45
Matrix:	Groundwater	**Date Received**	10/11/2024

Total Cyanide

Analyte	Result	Units	Qualifier	Date Analyzed
Cyanide, Total	**0.0170**	mg/L		10/17/2024

Method Reference(s): EPA 335.4 Rev 1.0
Subcontractor ELAP ID: 10709

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 244783

Client: **Neu-Velle**

Project Reference: RGE Pavilion

Sample Identifier:	PAV-MW-4A-101024		
Lab Sample ID:	244783-02	**Date Sampled:**	10/10/2024 15:10
Matrix:	Groundwater	**Date Received**	10/11/2024

Total Cyanide

Analyte	Result	Units	Qualifier	Date Analyzed
Cyanide, Total	<0.010	mg/L		10/17/2024

Method Reference(s): EPA 335.4 Rev 1.0
Subcontractor ELAP ID: 10709

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 244783

Client: **Neu-Velle**

Project Reference: RGE Pavilion

Sample Identifier:	PAV-MW-5-101124		
Lab Sample ID:	244783-03	**Date Sampled:**	10/11/2024 10:40
Matrix:	Groundwater	**Date Received**	10/11/2024

Total Cyanide

Analyte	Result	Units	Qualifier	Date Analyzed
Cyanide, Total	**0.0150**	mg/L		10/17/2024

Method Reference(s): EPA 335.4 Rev 1.0
Subcontractor ELAP ID: 10709

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 244783

Client: **Neu-Velle**

Project Reference: RGE Pavilion

Sample Identifier:	PAV-MW-3-101124		
Lab Sample ID:	244783-04	**Date Sampled:**	10/11/2024 11:35
Matrix:	Groundwater	**Date Received**	10/11/2024

Total Cyanide

Analyte	Result	Units	Qualifier	Date Analyzed
Cyanide, Total	**0.120**	mg/L		10/17/2024

Method Reference(s): EPA 335.4 Rev 1.0
Subcontractor ELAP ID: 10709

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 244783

Client: **Neu-Velle**

Project Reference: RGE Pavilion

Sample Identifier:	PAV-MW-2-101124		
Lab Sample ID:	244783-05	**Date Sampled:**	10/11/2024 13:15
Matrix:	Groundwater	**Date Received**	10/11/2024

Total Cyanide

Analyte	Result	Units	Qualifier	Date Analyzed
Cyanide, Total	**0.0160**	mg/L		10/17/2024

Method Reference(s): EPA 335.4 Rev 1.0
Subcontractor ELAP ID: 10709

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 244783

Client: **Neu-Velle**

Project Reference: RGE Pavilion

Sample Identifier:	PAV-EB-101024		
Lab Sample ID:	244783-06	**Date Sampled:**	10/10/2024 14:25
Matrix:	Groundwater	**Date Received**	10/11/2024

Total Cyanide

Analyte	Result	Units	Qualifier	Date Analyzed
Cyanide, Total	<0.010	mg/L		10/17/2024

Method Reference(s): EPA 335.4 Rev 1.0
Subcontractor ELAP ID: 10709

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 244783

Client: **Neu-Velle**

Project Reference: RGE Pavilion

Sample Identifier:	PAV-DUP-101124		
Lab Sample ID:	244783-07	**Date Sampled:**	10/11/2024
Matrix:	Groundwater	**Date Received**	10/11/2024

Total Cyanide

Analyte	Result	Units	Qualifier	Date Analyzed
Cyanide, Total	**0.0140**	mg/L		10/17/2024

Method Reference(s): EPA 335.4 Rev 1.0
Subcontractor ELAP ID: 10709

Analytical Report Appendix

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

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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

CHAIN OF CUSTODY

PARADIGM
ENVIRONMENTAL SERVICES

REPORT TO:	INVOICE TO:	
COMPANY: Nouvelle	COMPANY: SAME	LAB PROJECT ID: 244783
address:	ADDRESS:	Quotation #:
CITY: STATE: ZIP:	CITY: STATE: ZIP:	
PHONE: FAX:	PHONE: FAX:	Email:
ATTN:	ATTN:	

PROJECT REFERENCE
RGE Pavilion

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	TCN	REMARKS	FARADIGM LAB SAMPLE NUMBER
10/10/24	1345	X	/	PAV-MW-1-101024	WG	1	X		-01
10/10/24	1510	X		PAV-MW-4A-101024		1	X		-02
10/11/24	1040	X		PAV-MW-5-101124		3	X	MS/MSD	-03
10/11/24	1135	X		PAV-MW-3-101124		1	X		-04
10/11/24	1315	X		PAV-MW-2-101124		1	X		-05
10/10/24	1425	X		PAV-EB-101024		1	X		-06
10/11/24	—	X		PAV-DUP-101124		1	X		-07

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	X	None Required	X	None Required	
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 :	

Andrew Rothfuss — Sampled By — Date/Time: 10/10 - 10/11/24

Relinquished By — Date/Time: 10/11/24 1456

Received By — Date/Time: 10/11/24 1456

Received @ Lab By — Date/Time: 10/11/2024 1502

7.8°C iced 10/11/24 14:57

Total Cost:

P.I.F.

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

See additional page for sample conditions.

PARADIGM
ENVIRONMENTAL SERVICES

Chain of Custody Supplement

Client: Neu-Velle **Completed by:** Cedric M

Lab Project ID: 244783 **Date:** 10/11/24

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	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)			X
Comments			
Preservation	X		
Comments			pH strip lot # 234223
Chlorine Absent (<0.10 ppm per test strip)			X
Comments			
Holding Time	X		
Comments			
Temperature	X (-03, -04, -05, -07) in Field	X (-01, -02, -06)	
Comments	7.8° C iced		
Compliant Sample Quantity/Type	X		
Comments			

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

2410140 17

CHAIN OF CUSTODY

ELAP ID: 1

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:			STD
PROJECT NAME/SITE NAME:		ATTN:	Reporting	ATTN: Accounts Payable	☐1 ☐2 ☐3 ☒5
		COMMENTS:	Please email results to reporting@paradigmenv.com	Date Due: 10/21/24	

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	TCN	REMARKS	PARADIGM SAMPLE NUMBER
1	10/10/24	1345	X		PAV-MW1-101024	WT	1	X	24783-01	
2	↓	1510	X		PAV-MW-4A-101024		1	X	-02	
3	10/11/24	1040	X		PAV-MW-5-101124		3	X	-03	
4		1135	X		PAV-MW-3-101124		1	X	-04	
5	↓	1315	X		PAV-MW-2-101124		1	X	-05	
6	10/10/24	1425	X		PAV-EB ~~10/10/24~~ 101024		1	X	-06	
7	10/11/24		X		PAV-DUP-101124	↓	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 ☐	N ☐
Comments:		
Preservation:	Y ☐	N ☐
Comments:		
Holding Time:	Y ☐	N ☐
Comments:		
Temperature:	Y ☐	N ☐
Comments:		

Client Sampled By		Date/Time 10/14/2024 0830
Relinquished By		Date/Time
Received By		Date/Time 10/14/24 1445
Received @ Lab By	CK	Date/Time 10/14 1445

Total Cost:

P.I.F.

Demo