

January 13, 2026

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

**RE: National Grid Former Manufactured Gas Plant Site
Anthony Street, Watertown, New York
Annual Groundwater Monitoring Report**

Dear Mr. Garland:

Enclosed for your review is the 2025 Annual Groundwater Monitoring Report for the National Grid Watertown Former MGP Site.

Groundwater and Environmental Services, Inc., (GES) OM&M contractor for National Grid, conducts all long-term OM&M activities at the site. Quarterly site inspections were conducted in 2025 (March, June, September and December). The site is generally in good shape and in compliance. There were detections in two (2) of the six (6) monitoring wells sampled that exceeded the regulatory criteria; however, the concentrations detected are consistent with or well below historical results.

If you have any questions, then please feel free to contact me at (315) 540-0829.

Very truly yours,



for NAS

Nicholas A. Smith, PG
Senior Program Manager

Cc: Devin T. Shay – Groundwater and Environmental Services, Inc.

National Grid

Annual Groundwater Monitoring Report



National Grid Watertown (Anthony Street) Former MGP Site
Anthony Street, Watertown NY13601

January 2026

Version 1





Annual Groundwater Monitoring Report

National Grid Watertown (Anthony St.) Former
MGP Site
Anthony Street
Watertown, NY 13601

Prepared for:
National Grid
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Syracuse, NY 13202

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TEL: 800-220-3069
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GES Project:
0625050.136010.221

Date:
January 13, 2026

A handwritten signature in black ink, appearing to read 'D. Shay', is positioned above a horizontal line.

Devin T. Shay, PG
Program Manager / Principal Hydrogeologist

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1 Introduction

This Annual Groundwater Monitoring Report presents results from the activities conducted at the Watertown (Anthony Street) former non-owned manufactured gas plant (MGP) site located in Watertown, New York (the Site). A site location map is presented on **Figure 1**, and a site map is presented as **Figure 2**. The work summarized in this report was conducted in accordance with the Site Management Plan (SMP) for the Site, which was approved by the New York State Department of Environmental Conservation (NYSDEC) on March 17, 2017.

A detailed discussion of the annual monitoring activities and results is presented below.

2 Annual Groundwater Monitoring

2.1 Objectives

The objectives of the June 2025 groundwater monitoring activities were to:

- Obtain groundwater elevation data from monitoring wells in the vicinity of the Site to evaluate groundwater flow direction, and compare the results with historical groundwater flow conditions.
- Obtain analytical data to assess potential changes in groundwater quality at the Site and compare the results to the Class GA groundwater standards and guidance values presented in the NYSDEC document entitled, "Division of Water Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations" (TOGS 1.1.1), reissued June 1998 and amended April 2000 and June 2004.

2.2 Groundwater Well Gauging

The June 12, 2025 groundwater monitoring field activities were conducted by GES. Prior to collecting groundwater samples, static fluid level measurements were collected from MW-1, MW-2, MW-3, MW-3R, MW-4R, MW-5R, MW-6R and MW-7R. Water levels were measured to the nearest 0.01 foot using an electronic oil-water interface probe to determine the depth from a surveyed mark on the top of the inner polyvinyl chloride (PVC) well casing to the groundwater within the well.

The fluid level measurements obtained from each monitoring well were converted to groundwater elevations using the surveyed well elevations. The calculated groundwater elevations for each monitoring well are listed in **Table 1** and are depicted on **Figure 3**. **Table 1** also includes groundwater elevation measurements obtained during previous groundwater monitoring events.

Groundwater generally flows to the north-northwest from the Site toward the Black River. Groundwater elevations ranged from 422.16 feet above sea level (asl; well MW-7R) to 438.70 feet asl (well MW-2). Field data from the gauging event is presented in **Appendix B**.

2.3 Groundwater Well Sampling and Analytical Results

Groundwater samples were collected by GES from six (6) monitoring wells on June 12, 2025 (including MW-2, MW-3R, MW-4R, MW-5R, MW-6R and MW-7R). Low-flow sampling techniques were used to purge groundwater from each monitoring well prior to collecting groundwater samples. Field parameters (consisting of turbidity, temperature, pH, conductivity, oxidation reduction potential [ORP], and dissolved oxygen) were measured approximately every 5 to 10 minutes during well purging, and the depth to water was monitored throughout the pumping process to minimize drawdown within the wells. Well purging activities continued at each well until the field parameters stabilized and the turbidity of the water in the wells was reduced to less than 50 nephelometric turbidity units (NTUs). Groundwater field data is presented in **Appendix B**.

Following purging, groundwater samples were collected. The groundwater samples were bottled and shipped to Eurofins Environment Testing (Eurofins) for laboratory analysis for Benzene, Toluene, Ethylbenzene, and total Xylenes (BTEX; EPA Method 8260C), Semi-Volatile Polycyclic Aromatic Hydrocarbons (PAHs; EPA Method 8270D), and total cyanide (EPA Method 9012B). Quality assurance/quality control (QA/QC) samples, including a field duplicate, matrix spike, and duplicate matrix spike were also submitted for laboratory analysis. The laboratory analytical results for the groundwater samples were reported using NYSDEC Analytical Services Protocol (ASP) Category B data deliverable packages to facilitate data validation.

Purge water generated during the sampling activities was collected in 5-gallon buckets and transferred into 55-gallon steel drums for characterization prior to offsite treatment/disposal in accordance with applicable regulations.

Analytical results from the laboratory analysis report are summarized in **Table 2** and compared to the Class GA groundwater standards and guidance values presented in TOGS 1.1.1. Exceedances of applicable groundwater standards and guidance values are bolded on **Table 2** and further shown on **Figure 4**. The Data Usability Summary Report (DUSR) is included in **Appendix C**.

There were BTEX and/or PAH detections in monitoring wells MW-4R, and MW-5R. Benzene was detected above the regulatory criteria in MW-4R. BTEX, acenaphthene, and naphthalene were detected above the regulatory criteria in MW-5R. Cyanide was detected at levels below the regulatory criteria in monitoring wells MW-2, MW-3R, MW-4R, MW-5R, MW-6R, and MW-7R. As shown on **Table 2**, in general, BTEX, PAHs, and total cyanide concentrations in groundwater during the June 2025 sampling event are lower or consistent compared to previous sampling results.

3 Quarterly Site-Wide Inspections

The quarterly site-wide inspections were completed on March 20, June 12, September 11, and December 15, 2025. The Site Inspection Forms are presented in **Appendix A**. In general, the Site is in compliance.

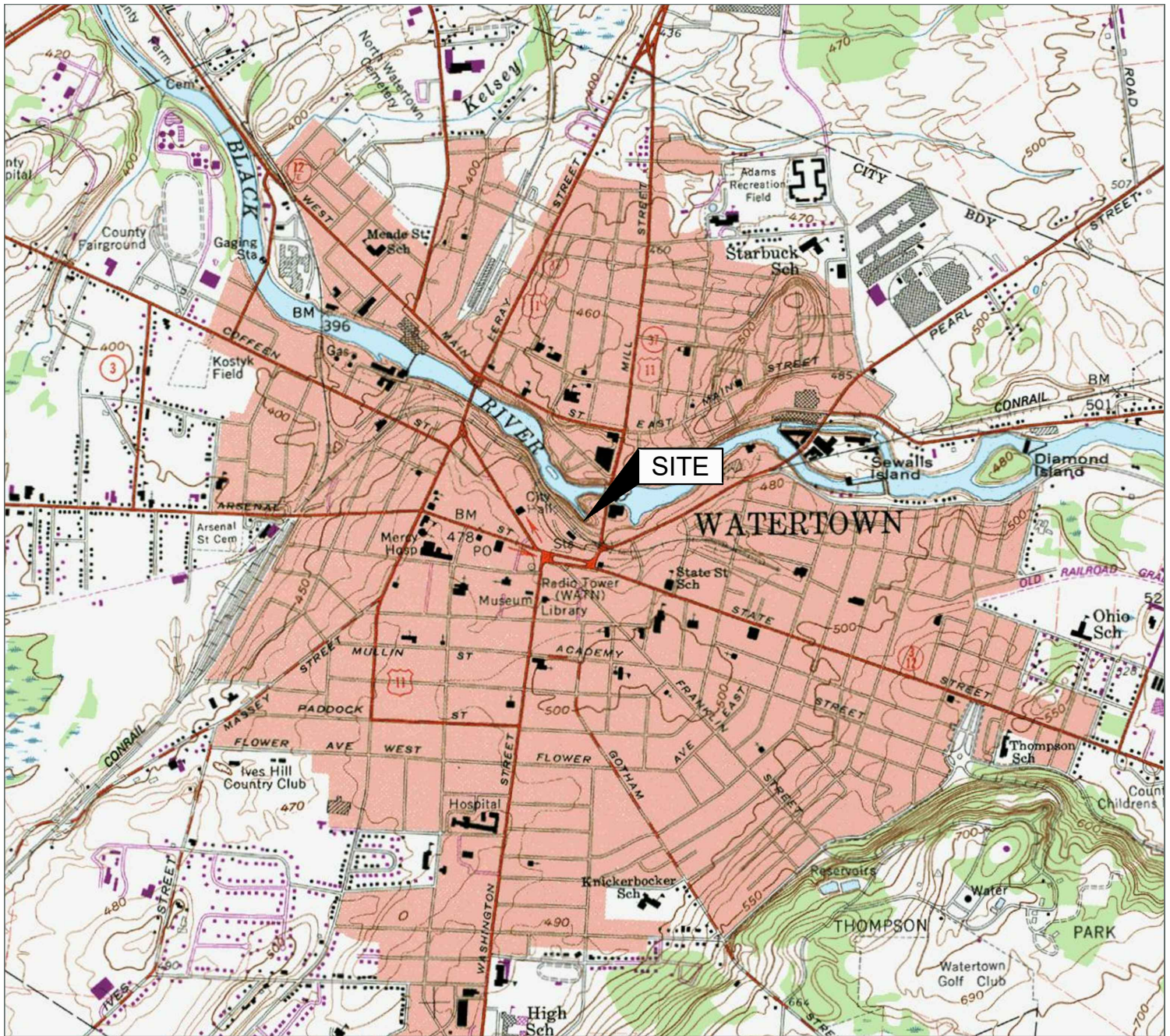


4 Recommendations

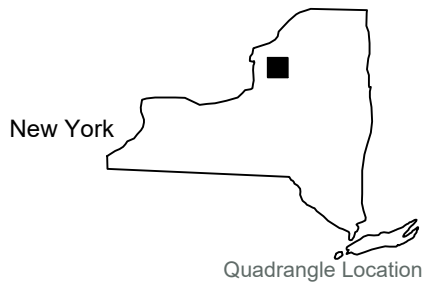
At this time, National Grid recommends continuing the annual monitoring activities. The next annual groundwater sampling event would be in the Summer 2026. Annual site-wide inspections are required; however, for internal security purposes, National Grid will continue to conduct quarterly site-wide inspections.



Figures



Source:
USGS 7.5 Minute Series
Topographic Quadrangle, 1982
Watertown, New York
Contour Interval = 10'



Site Location Map

National Grid
Anthony Street
Watertown, New York

Drawn
W.G.S.
Designed
Approved

Date
8/19/20
Figure
1



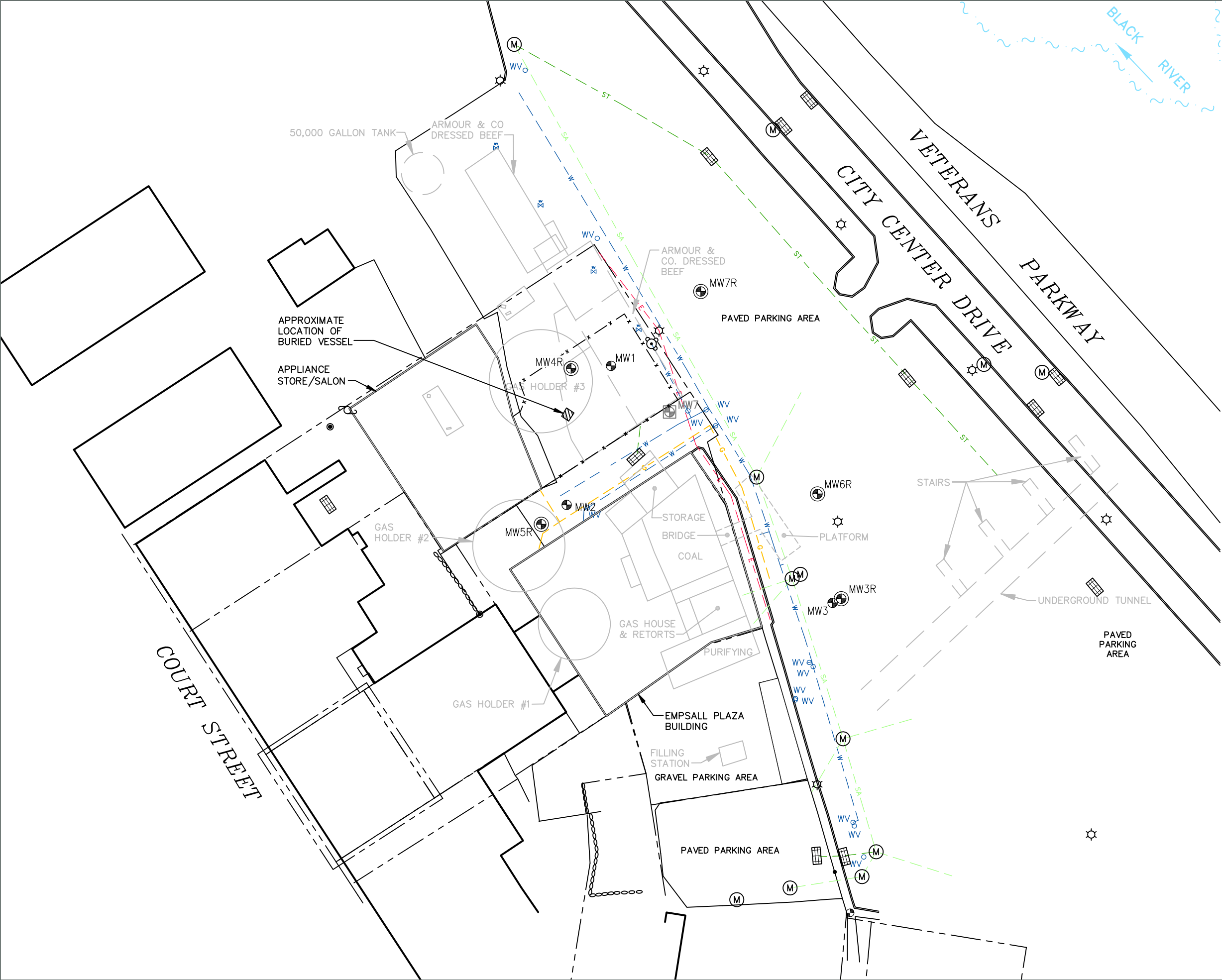
Scale In Feet

0 2000



Groundwater & Environmental Services, Inc.

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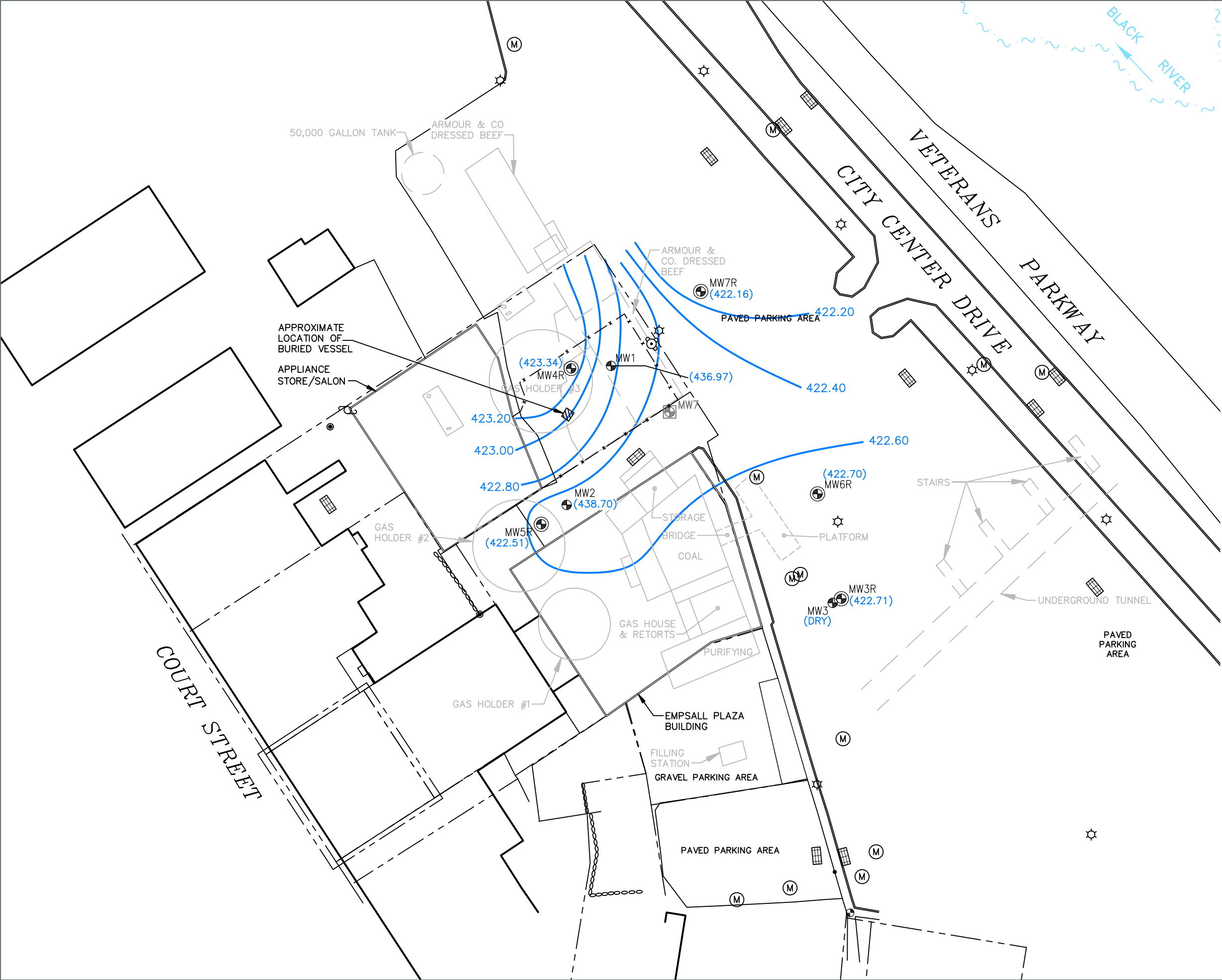


LEGEND

---	PROPERTY BOUNDARY
x	FENCE LINE
[Grid]	CATCH BASIN
(M)	UTILITY MANHOLE
[Fire Hydrant]	FIRE HYDRANT
[Light Pole]	LIGHT POLE
[Utility Pole]	UTILITY POLE
[Overburden Well]	OVERBURDEN MONITORING WELL
[Bedrock Well]	BEDROCK MONITORING WELL
[Destroyed Well]	DESTROYED MONITORING WELL
---	ELECTRIC LINE
---	GAS LINE
---	WATER LINE
---	STORM SEWER LINE
---	SANITARY SEWER LINE

Site Map	
National Grid Anthony Street Watertown, New York	
Drawn M.H. Designed R.K. Approved	Date 08/05/25 Figure 2

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LEGEND

- PROPERTY BOUNDARY
- x - FENCE LINE
- [Grid] CATCH BASIN
- (M) UTILITY MANHOLE
- [Hydrant] FIRE HYDRANT
- [Light Pole] LIGHT POLE
- [Utility Pole] UTILITY POLE
- [Overburden Well] OVERBURDEN MONITORING WELL
- [Bedrock Well] BEDROCK MONITORING WELL
- [Destroyed Well] DESTROYED MONITORING WELL
- (436.97) GROUNDWATER ELEVATION (feet)
- [Blue Line] GROUNDWATER CONTOUR (feet)

NOTE:
MW1 AND MW2 WERE NOT USED TO
GENERATE GROUNDWATER CONTOURS.

NOTE:
MW1, MW2 AND MW3 WERE NOT USED
TO GENERATE GROUNDWATER CONTOURS.

Groundwater Contour Map
June 12, 2025

National Grid
Anthony Street
Watertown, New York

Drawn
M.H.
Designed
R.K.
Approved

N

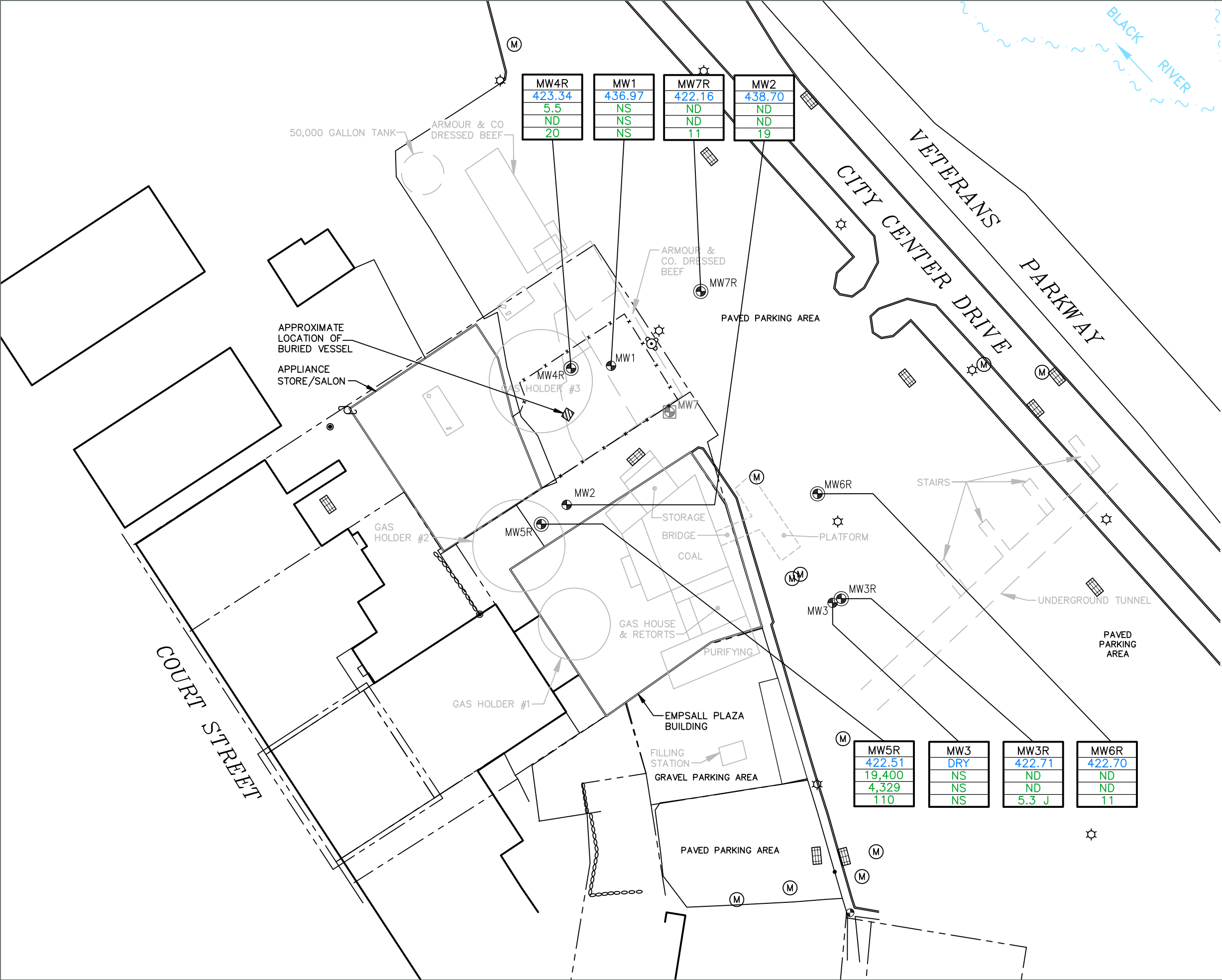
Scale In Feet

060


Groundwater & Environmental Services, Inc.

Date
08/05/25
Figure
3

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LEGEND

- PROPERTY BOUNDARY
 - x - FENCE LINE
 - [Grid] CATCH BASIN
 - (M) UTILITY MANHOLE
 - [Fire Hydrant] FIRE HYDRANT
 - [Light Pole] LIGHT POLE
 - [Utility Pole] UTILITY POLE
 - [Overburden Well] OVERBURDEN MONITORING WELL
 - [Bedrock Well] BEDROCK MONITORING WELL
 - [Destroyed Well] DESTROYED MONITORING WELL
- | Well | Elevation (ft) | BTEX (µg/L) | PAHs (µg/L) | Cyanide (µg/L) |
|------|----------------|-------------|-------------|----------------|
| MW1 | 436.97 | NS | NS | NS |
- µg/L MICROGRAMS PER LITER
BTEX BENZENE, TOLUENE, ETHYLBENZENE, XYLENES
PAHs POLYCYCLIC AROMATIC HYDROCARBONS
ND NOT DETECTED
NS NOT SAMPLED
J ESTIMATED CONCENTRATION

Groundwater Monitoring Map
June 12, 2025

National Grid
Anthony Street
Watertown, New York

Drawn
M.H.
Designed
R.K.
Approved

Date
08/05/25
Figure
4

Scale In Feet
0 60

Groundwater & Environmental Services, Inc.



Tables

Table 1
Groundwater Monitoring Well Gauging Data

Well ID	Well Type & Diameter	Top of Inner Casing Elevation	Depth To Well Bottom	Well Bottom Elevation	Screen Elevation	Depth To Water (12/14/15)	Groundwater Elevation (12/14/15)	Depth To Water (08/11/20)	Groundwater Elevation (08/11/20)	Depth To Water (06/23/21)	Groundwater Elevation (06/23/21)	Depth To Water (06/08/22)	Groundwater Elevation (06/08/22)	Depth To Water (06/28/23)	Groundwater Elevation (06/28/23)	Depth To Water (06/13/24)	Groundwater Elevation (06/13/24)	Depth To Water (06/12/25)	Groundwater Elevation (06/12/25)
MW-1	Flushmount; PVC; 2-inch	444.62	8.50	436.12	3.00 - 8.00	7.47	436.92	7.11	437.51	7.45	437.17	7.44	437.18	7.40	437.22	7.43	437.19	7.65	436.97
MW-2	Flushmount; PVC; 2-inch	444.60	8.50	436.10	3.00 - 8.00	6.00	438.35	5.68	438.92	5.52	439.08	5.30	439.30	5.82	438.78	5.87	438.73	5.90	438.70
MW-3	Flushmount; PVC; 2-inch	445.39	8.70	436.69	3.20 - 8.20	7.25	438.40	DRY	-	5.74	439.65	DRY	-	DRY	-	5.56	439.83	DRY	-
MW-3R	Flushmount; PVC; 2-inch	445.48	24.40	421.08	14.40 - 24.00	22.81	422.52	22.82	422.66	22.82	422.66	22.78	422.70	22.80	422.68	22.84	422.64	22.77	422.71
MW-4R	Flushmount; PVC; 2-inch	444.76	50.00	394.76	20.00 - 40.00	23.11	421.22	22.28	422.48	22.39	422.37	22.40	422.36	22.34	422.42	22.38	422.38	21.42	423.34
MW-5R	Flushmount; PVC; 2-inch	444.60	50.00	394.60	20.00 - 40.00	22.02	422.04	22.00	422.60	22.30	422.30	22.23	422.37	22.20	422.40	22.11	422.49	22.09	422.51
MW-6R	Flushmount; PVC; 2-inch	445.16	50.00	395.16	18.00 - 40.00	22.56	421.69	22.57	422.59	22.56	422.60	22.53	422.63	22.53	422.63	22.57	422.59	22.46	422.70
MW-7R	Flushmount; PVC; 2-inch	443.60	45.00	398.60	18.00 - 40.00	21.45	421.67	21.40	422.20	21.48	422.12	21.45	422.15	21.46	422.14	21.47	422.13	21.44	422.16



Table 2

Groundwater Analytical Data

MW-1

	NYSDEC TOGS 1.1.1 Guidance Values	Units	10/27/05	09/08/10	06/25/13	12/15/15	08/11/20
BTEX			ND	ND	ND	ND	ND
Benzene	1	µg/L	ND	ND	ND	ND	ND
Ethylbenzene	5	µg/L	ND	ND	ND	ND	ND
Toluene	5	µg/L	ND	ND	ND	ND	ND
Total Xylenes	5	µg/L	ND	ND	ND	ND	ND
SVOCs			ND	ND	6.8 J	ND	0.95
Acenaphthene	20	µg/L	ND	ND	ND	ND	ND
Acenaphthylene	--	µg/L	ND	ND	ND	ND	ND
Anthracene	50	µg/L	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.002	µg/L	ND	ND	0.86 J	ND	ND
Benzo(a)pyrene	ND	µg/L	ND	ND	0.79 J	ND	ND
Benzo(b)fluoranthene	0.002	µg/L	ND	ND	1.1 J	ND	ND
Benzo(g,h,i)perylene	--	µg/L	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	0.002	µg/L	ND	ND	ND	ND	ND
Chrysene	0.002	µg/L	ND	ND	0.78 J	ND	ND
Dibenz(a,h)anthracene	--	µg/L	ND	ND	ND	ND	ND
Fluoranthene	50	µg/L	ND	ND	ND	ND	ND
Fluorene	50	µg/L	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.002	µg/L	ND	ND	ND	ND	ND
Naphthalene	10	µg/L	ND	ND	ND	ND	0.95
Phenanthrene	50	µg/L	ND	ND	0.77 J	ND	ND
Pyrene	50	µg/L	ND	ND	1.2 J	ND	ND
Inorganics							
Cyanide, Total	200	µg/L	744	596	210	31	150

Notes:

Results are presented in units of micrograms per liter (µg/L).

E = Results exceeded calibration range

D = Compound quantitated using a secondary dilution

J = Analyte was detected at a concentration less than the laboratory reporting limit

ND (<#) = Not detected above laboratory reporting limit. # represents the laboratory reporting limit.

Bolded = values indicate exceedance of the NYSDEC AWQS



Table 2

Groundwater Analytical Data
MW-2

	NYSDEC TOGS 1.1.1 Guidance Values	Units	10/27/05	10/15/08	09/08/10	06/25/13	12/14/15	08/11/20	06/23/21	06/08/22	06/28/23	06/13/24	06/12/25
BTEX			4.0 J	5.5 J	4.2	2.8	1.4	3.2	1.1	1.6	ND	0.43	ND
Benzene	1	µg/L	4.0 J	4.3	2.4	2.8	1.4	3.2	1.1	1.6	ND	0.43 J	ND
Ethylbenzene	5	µg/L	ND	0.90 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	µg/L	ND	ND	1.8	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	5	µg/L	ND	0.30 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs			ND	4.3 J	2.4 J	ND	ND	1.3	1.1	0.50	ND	ND	ND
Acenaphthene	20	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	--	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	50	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.002	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	0.002	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	--	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	0.002	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	0.002	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene	--	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	50	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	50	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.002	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	µg/L	ND	4.3 J	2.4 J	ND	ND	1.3	1.1	0.50	ND	ND	ND
Phenanthrene	50	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	50	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Inorganics													
Cyanide, Total	200	µg/L	98	90	127 J	61	50	70	43	52	40	25	19

Notes:

Results are presented in units of micrograms per liter (µg/L).

E = Results exceeded calibration range

D = Compound quantitated using a secondary dilution

J = Analyte was detected at a concentration less than the laboratory reporting limit

ND (<#) = Not detected above laboratory reporting limit. # represents the laboratory reporting limit.

Bolded = values indicate exceedance of the NYSDEC AWQS

Table 2

Groundwater Analytical Data
MW-3R

	NYSDEC TOGS 1.1.1 Guidance Values	Units	10/15/08	09/08/10	06/23/13	12/14/15	08/11/20	06/28/23	06/13/24	06/12/25
BTEX			ND	ND	ND	ND	ND	ND	ND	ND
Benzene	1	µg/L	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs			ND	ND	ND	ND	1.1	1.91	2.1	ND
Acenaphthene	20	µg/L	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	--	µg/L	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	50	µg/L	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.002	µg/L	ND	ND	ND	ND	ND	0.11	ND	ND
Benzo(a)pyrene	ND	µg/L	ND	ND	ND	ND	ND	0.17	ND	ND
Benzo(b)fluoranthene	0.002	µg/L	ND	ND	ND	ND	ND	0.33	ND	ND
Benzo(g,h,i)perylene	--	µg/L	ND	ND	ND	ND	ND	0.16	ND	ND
Benzo(k)fluoranthene	0.002	µg/L	ND	ND	ND	ND	ND	0.27	ND	ND
Chrysene	0.002	µg/L	ND	ND	ND	ND	ND	0.15	ND	ND
Dibenz(a,h)anthracene	--	µg/L	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	50	µg/L	ND	ND	ND	ND	ND	0.25	ND	ND
Fluorene	50	µg/L	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.002	µg/L	ND	ND	ND	ND	ND	0.12	ND	ND
Naphthalene	10	µg/L	ND	ND	ND	ND	1.1	0.15	2.1 J	ND
Phenanthrene	50	µg/L	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	50	µg/L	ND	ND	ND	ND	ND	0.20	ND	ND
Inorganics										
Cyanide, Total	200	µg/L	2.5 J	ND	5.2 J	5.5 J	ND	140	ND	5.3 J

Notes:

Results are presented in units of micrograms per liter (µg/L).

E = Results exceeded calibration range

D = Compound quantitated using a secondary dilution

J = Analyte was detected at a concentration less than the laboratory reporting limit

ND (<#) = Not detected above laboratory reporting limit. # represents the laboratory reporting limit.

Bolded = values indicate exceedance of the NYSDEC AWQS



Table 2

Groundwater Analytical Data
MW-4R

	NYSDEC TOGS 1.1.1 Guidance Values	Units	10/16/08	09/07/10	06/26/13	12/14/15	08/11/20	06/23/21	06/08/22	06/28/23	06/13/24	06/12/25
BTEX			2,239	769	23.8	7.2 J	2.1	57.0	87.8	1.7	ND	5.5
Benzene	1	µg/L	1,200	670 D	22	7.2 J	2.1	55.5	79.8	1.7	ND	5.5
Ethylbenzene	5	µg/L	510	51	1.8	ND	ND	1.5	4.5	ND	ND	ND
Toluene	5	µg/L	49	6.6	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	5	µg/L	480	41	ND	ND	ND	ND	3.5	3.5	ND	ND
SVOCs			443 J	16.89 J	ND	ND	1.14	2.3	1.9	0.15	ND	ND
Acenaphthene	20	µg/L	4.3 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	--	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	50	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.002	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	0.002	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	--	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	0.002	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	0.002	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene	--	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	50	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	50	µg/L	1.3 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.002	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	µg/L	430	16	ND	ND	1.0	2.3	1.8	0.15	ND	ND
Phenanthrene	50	µg/L	6.9 J	0.89 J	ND	ND	0.14	ND	0.12	ND	ND	ND
Pyrene	50	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Inorganics												
Cyanide, Total	200	µg/L	ND	ND	11	13	19	12	19	130	14	20

Notes:

Results are presented in units of micrograms per liter (µg/L).

E = Results exceeded calibration range

D = Compound quantitated using a secondary dilution

J = Analyte was detected at a concentration less than the laboratory reporting limit

ND (<#) = Not detected above laboratory reporting limit. # represents the laboratory reporting limit.

Bolded = values indicate exceedance of the NYSDEC AWQS

Table 2

Groundwater Analytical Data
MW-5R

	NYSDEC TOGS 1.1.1 Guidance Values	Units	10/15/08	09/08/10	06/23/13	12/15/15	08/11/20	06/23/21	06/08/22	06/28/23	06/13/24	06/12/25
BTEX			20,300	12,800	27,100	8,340	29,290	17,900	29,040	7,300	21,200	19,400
Benzene	1	µg/L	3,800	4,200 D	6,600 D	3900	4,370	3,350	7,760	2,180	3,600	4,300
Ethylbenzene	5	µg/L	2,000	2,100 D	3,500 D	740	4,350	3,250	4,460	1,620	3,500	3,400
Toluene	5	µg/L	9,700	3,600 D	11,000 D	2600	13,200	6,720	10,400	1,480	8,500	6,700
Total Xylenes	5	µg/L	4,800	2,900 D	6,000 D	1100	7,370	4,580	6,420	2,020	5,600	5,000
SVOCs			1,927 J	2,461 J	3,598 J	2,231 J	7,647	3,158	4,637	1,490	5,441	4,329
Acenaphthene	20	µg/L	70 J	74	74 J	62 DJ	78.1	82.2	102	47.0	110 J	110 J
Acenaphthylene	--	µg/L	69 J	26	56 J	17 J	46.3	27.1	ND	4.4	47	34
Anthracene	50	µg/L	11 J	4.7	5.5 J	ND	4.4	3.8	4.2	1.6	1.3 J	6.2
Benzo(a)anthracene	0.002	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	0.002	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	--	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	0.002	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	0.002	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene	--	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	50	µg/L	ND	1.0 J	ND	0.66 J	0.92	0.85	0.71	0.26	1.0 J	1.1 J
Fluorene	50	µg/L	41 J	29	32 J	21 J	29.1	27.8	ND	14.6	48	43
Indeno(1,2,3-cd)pyrene	0.002	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	µg/L	1,700	2,300 D	3,400 D	2,200 D	7,460	2,990	4,530	1,410	5,200	4,100
Phenanthrene	50	µg/L	36 J	26	30 J	20 J	27.8	25.2	ND	11.5	33	34
Pyrene	50	µg/L	ND	0.71 J	ND	0.56 J	0.74	0.70	0.55	0.20	0.73 J	0.97 J
Inorganics												
Cyanide, Total	200	µg/L	98	ND	180	89	86	96	92	18	110	110

Notes:

Results are presented in units of micrograms per liter (µg/L).

E = Results exceeded calibration range

D = Compound quantitated using a secondary dilution

J = Analyte was detected at a concentration less than the laboratory reporting limit

ND (<#) = Not detected above laboratory reporting limit. # represents the laboratory reporting limit.

Bolded = values indicate exceedance of the NYSDEC AWQS



Table 2

Groundwater Analytical Data
MW-6R

	NYSDEC TOGS 1.1.1 Guidance Values	Units	10/16/08	09/08/10	06/25/13	12/15/15	08/11/20	06/23/21	06/08/22	06/28/23	06/13/24	06/12/25
BTEX			ND	ND	0.52 J	ND	ND	ND	ND	ND	ND	ND
Benzene	1	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	µg/L	ND	ND	0.52 J	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs			ND	ND	ND	ND	8.58	3.4	1.7	5.12	ND	ND
Acenaphthene	20	µg/L	ND	ND	ND	ND	0.20	ND	ND	ND	ND	ND
Acenaphthylene	--	µg/L	ND	ND	ND	ND	0.12	ND	ND	ND	ND	ND
Anthracene	50	µg/L	ND	ND	ND	ND	0.28	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.002	µg/L	ND	ND	ND	ND	ND	ND	ND	0.22	ND	ND
Benzo(a)pyrene	ND	µg/L	ND	ND	ND	ND	ND	ND	ND	0.43	ND	ND
Benzo(b)fluoranthene	0.002	µg/L	ND	ND	ND	ND	0.14	ND	ND	0.80	ND	ND
Benzo(g,h,i)perylene	--	µg/L	ND	ND	ND	ND	ND	ND	ND	0.53	ND	ND
Benzo(k)fluoranthene	0.002	µg/L	ND	ND	ND	ND	ND	ND	ND	0.65	ND	ND
Chrysene	0.002	µg/L	ND	ND	ND	ND	0.19	ND	ND	0.33	ND	ND
Dibenz(a,h)anthracene	--	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	50	µg/L	ND	ND	ND	ND	0.38	ND	ND	0.55	ND	ND
Fluorene	50	µg/L	ND	ND	ND	ND	0.59	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.002	µg/L	ND	ND	ND	ND	ND	ND	ND	0.35	ND	ND
Naphthalene	10	µg/L	ND	ND	ND	ND	3.7	3.4	1.7	0.62	ND	ND
Phenanthrene	50	µg/L	ND	ND	ND	ND	2.4	ND	ND	0.13	ND	ND
Pyrene	50	µg/L	ND	ND	ND	ND	0.58	ND	ND	0.51	ND	ND
Inorganics												
Cyanide, Total	200	µg/L	ND	ND	ND	ND	ND	ND	10	11	ND	11

Notes:

Results are presented in units of micrograms per liter (µg/L).

E = Results exceeded calibration range

D = Compound quantitated using a secondary dilution

J = Analyte was detected at a concentration less than the laboratory reporting limit

ND (<#) = Not detected above laboratory reporting limit. # represents the laboratory reporting limit.

Bolded = values indicate exceedance of the NYSDEC AWQS



Table 2

Groundwater Analytical Data
MW-7R

	NYSDEC TOGS 1.1.1 Guidance Values	Units	10/16/08	09/07/10	06/25/13	12/15/15	08/11/20	06/23/21	06/08/22	06/28/23	06/13/24	06/12/25
BTEX			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	1	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs			ND	ND	ND	ND	2.4	1.0	0.97	0.24	ND	ND
Acenaphthene	20	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	--	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	50	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.002	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	0.002	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	--	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	0.002	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	0.002	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene	--	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	50	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	50	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.002	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	µg/L	ND	ND	ND	ND	2.4	1.0	0.97	0.24	ND	ND
Phenanthrene	50	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	50	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Inorganics												
Cyanide, Total	200	µg/L	3.1 J	ND	ND	30	ND	ND	12	ND	6.9 J	11

Notes:

Results are presented in units of micrograms per liter (µg/L).

E = Results exceeded calibration range

D = Compound quantitated using a secondary dilution

J = Analyte was detected at a concentration less than the laboratory reporting limit

ND (<#) = Not detected above laboratory reporting limit. # represents the laboratory reporting limit.

Bolded = values indicate exceedance of the NYSDEC AWQS



Appendix A – Field Inspection Reports

Site Management Plan Inspection Form**Anthony Street****Former MGP Site****Watertown, New York**

Date: 12/15/2025

Technician: KL

Time: 10:00

Weather: Cloudy 10

General Site Wide Conditions

Any signs of ground-intrusive activities?	YES	NO	COMMENTS:	
Any soil disturbance regardless of quantity/extent?	YES	NO	COMMENTS:	
Any surface erosion?	YES	NO	COMMENTS:	
Any settlement?	YES	NO	COMMENTS:	
Bare or sparsely-vegetated areas?	YES	NO	COMMENTS:	
Excessive cracking or missing pavement?	YES	NO	COMMENTS:	
Any other conditions affecting the thickness or the integrity of the soil cover system?	YES	NO	COMMENTS:	
Any repairs, maintenace or corrective actions since the last inspection?	YES	NO	COMMENTS:	
Have the front lawns been mowed?	YES	NO	COMMENTS: Winter	
Conditon of the asphalt pavement	GOOD	FAIR	POOR	COMMENTS:
Conditon of the front sidewalks?	GOOD	FAIR	POOR	COMMENTS:
Conditon of the building foundations?	GOOD	FAIR	POOR	COMMENTS:
Are the requirements of the SMP being met?	YES	NO	COMMENTS:	
Are there any needed changes?	YES	NO	COMMENTS:	
Are the site records complete and up to date?	YES	NO	COMMENTS:	

Site Monitoring Wells

Well ID.	Location Secure	
MW-1	YES	NO
MW-2	YES	NO
MW-3	YES	NO
MW-3R	YES	NO
MW-4R	YES	NO
MW-5R	YES	NO
MW-6R	YES	NO
MW-7R	YES	NO

General Comments:

Building Owner: Dan Queri 315-430-5407

Building Contact: Allison Arquitt 315-804-0545

Site Management Plan Inspection Form**Anthony Street****Former MGP Site****Watertown, New York**Date: 9/11/2025Technician: KLTime: 6:30Weather: Sunny 53**General Site Wide Conditions**

Any signs of ground-intrusive activities?	YES	NO	COMMENTS:	
Any soil disturbance regardless of quantity/extent?	YES	NO	COMMENTS:	
Any surface erosion?	YES	NO	COMMENTS:	
Any settlement?	YES	NO	COMMENTS:	
Bare or sparsely-vegetated areas?	YES	NO	COMMENTS:	
Excessive cracking or missing pavement?	YES	NO	COMMENTS:	
Any other conditions affecting the thickness or the integrity of the soil cover system?	YES	NO	COMMENTS:	
Any repairs, maintenace or corrective actions since the last inspection?	YES	NO	COMMENTS:	
Have the front lawns been mowed?	YES	NO	COMMENTS:	
Conditon of the asphalt pavement	GOOD	FAIR	POOR	COMMENTS:
Conditon of the front sidewalks?	GOOD	FAIR	POOR	COMMENTS:
Conditon of the building foundations?	GOOD	FAIR	POOR	COMMENTS:
Are the requirements of the SMP being met?	YES	NO	COMMENTS:	
Are there any needed changes?	YES	NO	COMMENTS:	
Are the site records complete and up to date?	YES	NO	COMMENTS:	

Site Monitoring Wells

Well ID.	Location Secure	
MW-1	YES	NO
MW-2	YES	NO
MW-3	YES	NO
MW-3R	YES	NO
MW-4R	YES	NO
MW-5R	YES	NO
MW-6R	YES	NO
MW-7R	YES	NO

General Comments:

Building Owner: Dan Queri 315-430-5407

Building Contact: Allison Arquitt 315-804-0545

Site Management Plan Inspection Form**Anthony Street****Former MGP Site****Watertown, New York**Date: 6/12/2025Technician: KLTime: 8:30Weather: Sunny 60**General Site Wide Conditions**

Any signs of ground-intrusive activities?	YES	NO	COMMENTS:	
Any soil disturbance regardless of quantity/extent?	YES	NO	COMMENTS:	
Any surface erosion?	YES	NO	COMMENTS:	
Any settlement?	YES	NO	COMMENTS:	
Bare or sparsely-vegetated areas?	YES	NO	COMMENTS:	
Excessive cracking or missing pavement?	YES	NO	COMMENTS:	
Any other conditions affecting the thickness or the integrity of the soil cover system?	YES	NO	COMMENTS:	
Any repairs, maintenace or corrective actions since the last inspection?	YES	NO	COMMENTS:	
Have the front lawns been mowed?	YES	NO	COMMENTS:	
Conditon of the asphalt pavement	GOOD	FAIR	POOR	COMMENTS:
Conditon of the front sidewalks?	GOOD	FAIR	POOR	COMMENTS:
Conditon of the building foundations?	GOOD	FAIR	POOR	COMMENTS:
Are the requirements of the SMP being met?	YES	NO	COMMENTS:	
Are there any needed changes?	YES	NO	COMMENTS:	
Are the site records complete and up to date?	YES	NO	COMMENTS:	

Site Monitoring Wells

Well ID.	Location Secure	
MW-1	YES	NO
MW-2	YES	NO
MW-3	YES	NO
MW-3R	YES	NO
MW-4R	YES	NO
MW-5R	YES	NO
MW-6R	YES	NO
MW-7R	YES	NO

General Comments:

Building Owner: Dan Queri 315-430-5407

Building Contact: Allison Arquitt 315-804-0545

Site Management Plan Inspection Form**Anthony Street****Former MGP Site****Watertown, New York**Date: 3/20/2025Technician: KLTime: 7:30Weather: Partly Cloudy 58**General Site Wide Conditions**

Any signs of ground-intrusive activities?	YES	NO	COMMENTS:	
Any soil disturbance regardless of quantity/extent?	YES	NO	COMMENTS:	
Any surface erosion?	YES	NO	COMMENTS:	
Any settlement?	YES	NO	COMMENTS:	
Bare or sparsely-vegetated areas?	YES	NO	COMMENTS:	
Excessive cracking or missing pavement?	YES	NO	COMMENTS:	
Any other conditions affecting the thickness or the integrity of the soil cover system?	YES	NO	COMMENTS:	
Any repairs, maintenace or corrective actions since the last inspection?	YES	NO	COMMENTS:	
Have the front lawns been mowed?	YES	NO	COMMENTS: too early to mow	
Conditon of the asphalt pavement	GOOD	FAIR	POOR	COMMENTS:
Conditon of the front sidewalks?	GOOD	FAIR	POOR	COMMENTS:
Conditon of the building foundations?	GOOD	FAIR	POOR	COMMENTS:
Are the requirements of the SMP being met?	YES	NO	COMMENTS:	
Are there any needed changes?	YES	NO	COMMENTS:	
Are the site records complete and up to date?	YES	NO	COMMENTS:	

Site Monitoring Wells

Well ID.	Location Secure	
MW-1	YES	NO
MW-2	YES	NO
MW-3	YES	NO
MW-3R	YES	NO
MW-4R	YES	NO
MW-5R	YES	NO
MW-6R	YES	NO
MW-7R	YES	NO

General Comments:

Building Owner Dan Queri 315-430-5407



Site Conditions on March 20, 2025



Site Conditions on June 12, 2025



Site Conditions on September 11, 2025



Site Conditions on December 15, 2025



Appendix B – Well Sampling Field Data

Well ID	Sample?	Well Size	DTW	DTP	DTB	Comments
MW-1	Yes	2"	7.65	-	7.85	No Sample (not enough water)
MW-2	Yes	2"	5.90	-	7.30	
MW-3	Yes	2"	Dry	-	5.76	historically dry
MW-3R	Yes	2"	22.77	-	23.30	
MW-4R	Yes	2"	21.42	-	44.80	MS/MSD
MW-5R	Yes	2"	22.09	-	44.45	Field Duplicate
MW-6R	Yes	2"	22.46	-	45.00	
MW-7R	Yes	2"	21.44	-	45.05	

DTW -depth to water

DTP -depth to product

DTB -depth to bottom

Sampling Personnel: Peter Lyon

Job Number: 0603500-136010-221

Well Id. **MW-2**

Date: 6/12/25

Weather: 65° Sunny

Time In: 1040

Time Out: 1115

Well Information

		TOC	Other
Depth to Water:	(feet)	<u>5.90</u>	
Depth to Bottom:	(feet)	<u>7.30</u>	
Depth to Product:	(feet)	<u>-</u>	
Length of Water Column:	(feet)	<u>1.40</u>	
Volume of Water in Well:	(gal)	<u>0.22</u>	
Three Well Volumes:	(gal)	<u>0.67</u>	

Well Type: Flushmount ☒ Stick-Up ☐
Well Locked: Yes ☒ No ☐
Measuring Point Marked: Yes ☒ No ☐
Well Material: PVC ☒ SS ☐ Other: ☐
Well Diameter: 1" ☐ 2" ☒ Other: ☐
Comments:

Purging Information

Purging Method: ☐ Bailer ☒ Peristaltic ☐ Grundfos Pump ☐
Tubing/Bailer Material: ☐ Teflon ☒ Stainless St. ☐ Polyethylene ☒
Sampling Method: ☐ Bailer ☒ Peristaltic ☐ Grundfos Pump ☐
Average Pumping Rate: (ml/min) 200
Duration of Pumping: (min) 30
Total Volume Removed: (gal) 2 Did well go dry? Yes ☐ No ☒

Horiba U-52 Water Quality Meter Used? Yes ☒ No ☐

Conversion Factors

gal/ft. of water	1" ID	2" ID	4" ID	6" ID
	0.04	0.16	0.66	1.4

1 gallon=3.785L=3785mL=133.7cu. feet

Time	DTW (feet)	Temp (°C)	pH	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
<u>1040</u>	<u>6.48</u>	<u>15.18</u>	<u>7.85</u>	<u>108</u>	<u>0.696</u>	<u>92.7</u>	<u>1.88</u>	<u>0.443</u>
<u>1045</u>	<u>6.62</u>	<u>15.01</u>	<u>7.64</u>	<u>121</u>	<u>0.656</u>	<u>89.4</u>	<u>1.50</u>	<u>0.417</u>
<u>1050</u>	<u>6.63</u>	<u>15.01</u>	<u>7.34</u>	<u>148</u>	<u>0.538</u>	<u>20.0</u>	<u>1.90</u>	<u>0.357</u>
<u>1055</u>	<u>6.62</u>	<u>14.92</u>	<u>7.29</u>	<u>150</u>	<u>0.551</u>	<u>64.6</u>	<u>1.98</u>	<u>0.353</u>
<u>1100</u>	<u>6.62</u>	<u>14.99</u>	<u>7.26</u>	<u>148</u>	<u>0.550</u>	<u>25.2</u>	<u>2.03</u>	<u>0.352</u>
<u>1105</u>	<u>6.62</u>	<u>15.13</u>	<u>7.26</u>	<u>153</u>	<u>0.556</u>	<u>4.6</u>	<u>2.12</u>	<u>0.356</u>
<u>1110</u>	<u>6.62</u>	<u>15.12</u>	<u>7.26</u>	<u>154</u>	<u>0.557</u>	<u>37.5</u>	<u>2.04</u>	<u>0.356</u>

Sampling Information:

EPA SW-846 Method 8270 SVOC PAH's
EPA SW-846 Method 8260 VOC's BTEX
EPA SW-846 Method 9012 Total Cyanide

2 - 100ml ambers Yes ☒ No ☐
3 - 40 ml vials Yes ☒ No ☐
1 - 250 ml plastic Yes ☒ No ☐

Sample ID: **MW-2-0624**

Duplicate? Yes ☒ No ☐

Sample Time: 1110

MS/MSD? Yes ☐ No ☒

Shipped: Pace Courier Pickup ☒
Drop-off Albany Service Center ☐

Comments/Notes:

Laboratory: Pace Analytical
Greensburg, PA

Sampling Personnel: Peter Lyon
Job Number: 0603500-136010-221
Well Id. **MW-3R**

Date: 6/12/28
Weather: Sunny 65°
Time In: 0930 Time Out: 0945

Well Information

		TOC	Other
Depth to Water:	(feet)	<u>22.77</u>	
Depth to Bottom:	(feet)	23.30	
Depth to Product:	(feet)	<u>—</u>	
Length of Water Column:	(feet)	<u>0.53</u>	
Volume of Water in Well:	(gal)	<u>0.08</u>	
Three Well Volumes:	(gal)	<u>0.24</u>	

Well Type: Flushmount ☒ Stick-Up ☐
Well Locked: Yes ☒ No ☐
Measuring Point Marked: Yes ☒ No ☐
Well Material: PVC ☒ SS ☐ Other: ☐
Well Diameter: 1" ☐ 2" ☒ Other: ☐
Comments:

Purging Information

Purging Method: ☐ Bailer ☒ Peristaltic ☐ Grundfos Pump
Tubing/Bailer Material: ☐ Teflon ☒ Stainless St. ☐ Polyethylene
Sampling Method: ☐ Bailer ☒ Peristaltic ☐ Grundfos Pump
Average Pumping Rate: (ml/min) 200
Duration of Pumping: (min) 30
Total Volume Removed: (gal) 2 Did well go dry? Yes ☐ No ☐
Horiba U-52 Water Quality Meter Used? Yes ☒ No ☐

Conversion Factors				
gal/ft. of water	1" ID	2" ID	4" ID	6" ID
	0.04	0.16	0.66	1.4
1 gallon=3.785L=3785mL=1337cu. feet				

Time	DTW (feet)	Temp (°C)	pH	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
<u>0910</u>	<u>22.77</u>	<u>16.93</u>	<u>7.54</u>	<u>94</u>	<u>1.93</u>	<u>303</u>	<u>9.55</u>	<u>1.24</u>
<u>0915</u>	<u>21.77</u>	<u>16.48</u>	<u>7.65</u>	<u>102</u>	<u>1.80</u>	<u>90.5</u>	<u>4.95</u>	<u>1.15</u>
<u>0920</u>	<u>22.77</u>	<u>16.24</u>	<u>7.68</u>	<u>109</u>	<u>1.65</u>	<u>33.0</u>	<u>4.48</u>	<u>1.05</u>
<u>0925</u>	<u>22.77</u>	<u>16.06</u>	<u>7.69</u>	<u>114</u>	<u>1.59</u>	<u>4.4</u>	<u>4.78</u>	<u>1.02</u>
<u>0930</u>	<u>22.77</u>	<u>15.93</u>	<u>7.69</u>	<u>117</u>	<u>1.57</u>	<u>0.7</u>	<u>4.92</u>	<u>1.01</u>
<u>0935</u>	<u>22.77</u>	<u>16.00</u>	<u>7.70</u>	<u>120</u>	<u>1.57</u>	<u>0.0</u>	<u>4.97</u>	<u>1.01</u>
<u>0940</u>	<u>22.77</u>	<u>16.04</u>	<u>7.70</u>	<u>122</u>	<u>1.57</u>	<u>0.0</u>	<u>4.90</u>	<u>1.00</u>

Sampling Information:

EPA SW-846 Method 8270 SVOC PAH's
EPA SW-846 Method 8260 VOC's BTEX
EPA SW-846 Method 9012 Total Cyanide

2 - 100ml ambers Yes ☒ No ☐
3 - 40 ml vials Yes ☒ No ☐
1 - 250 ml plastic Yes ☒ No ☐

Sample ID: **MW-3R-0624** Duplicate? Yes ☐ No ☒
Sample Time: 0940 MS/MSD? Yes ☐ No ☒

Shipped: Pace Courier Pickup ☒
Drop-off Albany Service Center ☐

Comments/Notes:

Laboratory: Pace Analytical
Greensburg, PA

Sampling Personnel: Peter Lyon

Job Number: 0603500-136010-221

Well Id. **MW-4R**

Date: 6/12/25

Weather: 65° Sunny

Time In: 1230

Time Out: 1315

Well Information

		TOC	Other
Depth to Water:	(feet)	<u>21.42</u>	
Depth to Bottom:	(feet)	44.80	
Depth to Product:	(feet)	<u>-</u>	
Length of Water Column:	(feet)	<u>23.38</u>	
Volume of Water in Well:	(gal)	<u>3.74</u>	
Three Well Volumes:	(gal)	<u>11.22</u>	

Well Type: Flushmount ☒ Stick-Up ☐
Well Locked: Yes ☒ No ☐
Measuring Point Marked: Yes ☒ No ☐
Well Material: PVC ☒ SS ☐ Other: ☐
Well Diameter: 1" ☐ 2" ☒ Other: ☐
Comments:

Purging Information

Purging Method: ☐ Bailer ☒ Peristaltic ☐ Grundfos Pump
Tubing/Bailer Material: ☐ Teflon ☒ Stainless St. ☐ Polyethylene
Sampling Method: ☐ Bailer ☒ Peristaltic ☐ Grundfos Pump
Average Pumping Rate: (ml/min) 200
Duration of Pumping: (min) 30
Total Volume Removed: (gal) 2 Did well go dry? Yes ☐ No ☒
Horiba U-52 Water Quality Meter Used? Yes ☒ No ☐

Conversion Factors

gal/ft. of water	1" ID	2" ID	4" ID	6" ID
	0.04	0.16	0.66	1.4

1 gallon=3.785L=3785mL=1337cu. feet

Time	DTW (feet)	Temp (°C)	pH	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
<u>1240</u>	<u>22.95</u>	<u>17.46</u>	<u>7.07</u>	<u>-71</u>	<u>2.73</u>	<u>9.2</u>	<u>1.59</u>	<u>1.75</u>
<u>1245</u>	<u>23.44</u>	<u>16.53</u>	<u>7.30</u>	<u>-111</u>	<u>2.77</u>	<u>7.3</u>	<u>0.88</u>	<u>1.77</u>
<u>1250</u>	<u>23.94</u>	<u>16.35</u>	<u>7.41</u>	<u>-126</u>	<u>2.78</u>	<u>2.1</u>	<u>0.54</u>	<u>1.78</u>
<u>1255</u>	<u>24.64</u>	<u>16.27</u>	<u>7.82</u>	<u>-131</u>	<u>2.79</u>	<u>0.2</u>	<u>0.59</u>	<u>1.79</u>
<u>1300</u>	<u>25.19</u>	<u>16.20</u>	<u>7.32</u>	<u>-127</u>	<u>2.68</u>	<u>1.5</u>	<u>0.54</u>	<u>1.71</u>
<u>1305</u>	<u>25.97</u>	<u>15.96</u>	<u>7.20</u>	<u>-114</u>	<u>2.14</u>	<u>21.0</u>	<u>0.33</u>	<u>1.36</u>
<u>1310</u>	<u>26.76</u>	<u>16.07</u>	<u>7.14</u>	<u>-107</u>	<u>1.98</u>	<u>23.1</u>	<u>0.33</u>	<u>1.26</u>

Sampling Information:

EPA SW-846 Method 8270 SVOC PAH's
EPA SW-846 Method 8260 VOC's BTEX
EPA SW-846 Method 9012 Total Cyanide

MW-4R-MS-0624 MW-4R-MSD-0624

Sample ID: MW-4R-0624 Duplicate? Yes ☐ No ☒
Sample Time: 1310 MS/MSD? Yes ☒ No ☐

6 - 100ml ambers Yes ☒ No ☐
9 - 40 ml vials Yes ☒ No ☐
3 - 250 ml plastic Yes ☒ No ☐

Shipped: Pace Courier Pickup ☒
Drop-off Albany Service Center ☐

Comments/Notes:

Laboratory: Pace Analytical
Greensburg, PA

Sampling Personnel: Peter Lyon

Job Number: 0603500-136010-221

Well Id. **MW-5R**

Date: 6/12/25

Weather: Sunny 65°

Time In: 1048

Time Out: 1135

Well Information

		TOC	Other
Depth to Water:	(feet)	<u>22.67</u>	
Depth to Bottom:	(feet)	<u>44.45</u>	
Depth to Product:	(feet)	<u>-</u>	
Length of Water Column:	(feet)	<u>22.36</u>	
Volume of Water in Well:	(gal)	<u>3.57</u>	
Three Well Volumes:	(gal)	<u>10.73</u>	

Well Type: Flushmount ☒ Stick-Up ☐
Well Locked: Yes ☒ No ☐
Measuring Point Marked: Yes ☒ No ☐
Well Material: PVC ☒ SS ☐ Other: ☐
Well Diameter: 1" ☐ 2" ☒ Other: ☐
Comments:

Purging Information

Purging Method: ☐ Bailer ☐ Peristaltic ☒ Grundfos Pump ☐
Tubing/Bailer Material: Teflon ☐ Stainless St. ☐ Polyethylene ☒
Sampling Method: Bailer ☐ Peristaltic ☒ Grundfos Pump ☐
Average Pumping Rate: (ml/min) 200
Duration of Pumping: (min) 30
Total Volume Removed: (gal) 2 Did well go dry? Yes ☐ No ☐
Horiba U-52 Water Quality Meter Used? Yes ☒ No ☐

Conversion Factors

gal/ft. of water	1" ID	2" ID	4" ID	6" ID
	0.04	0.16	0.66	1.4

1 gallon=3.785L=3785mL=1337cu. feet

Time	DTW (feet)	Temp (°C)	pH	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
<u>1100</u>	<u>22.76</u>	<u>14.15</u>	<u>7.54</u>	<u>-126</u>	<u>0.747</u>	<u>1.5</u>	<u>0.55</u>	<u>0.478</u>
<u>1105</u>	<u>22.87</u>	<u>13.70</u>	<u>7.47</u>	<u>-130</u>	<u>0.712</u>	<u>1.4</u>	<u>0.29</u>	<u>0.457</u>
<u>1110</u>	<u>22.92</u>	<u>13.65</u>	<u>7.47</u>	<u>-144</u>	<u>0.776</u>	<u>2.2</u>	<u>0.09</u>	<u>0.497</u>
<u>1115</u>	<u>22.96</u>	<u>13.61</u>	<u>7.47</u>	<u>-156</u>	<u>0.781</u>	<u>2.0</u>	<u>0.00</u>	<u>0.505</u>
<u>1120</u>	<u>22.98</u>	<u>13.60</u>	<u>7.50</u>	<u>-168</u>	<u>0.845</u>	<u>1.4</u>	<u>0.00</u>	<u>0.542</u>
<u>1125</u>	<u>23.00</u>	<u>13.61</u>	<u>7.50</u>	<u>-176</u>	<u>0.882</u>	<u>0.6</u>	<u>0.00</u>	<u>0.564</u>
<u>1130</u>	<u>23.03</u>	<u>13.77</u>	<u>7.51</u>	<u>-184</u>	<u>0.878</u>	<u>0.5</u>	<u>0.00</u>	<u>0.563</u>

Sampling Information:

EPA SW-846 Method 8270 SVOC PAH's
EPA SW-846 Method 8260 VOC's BTEX
EPA SW-846 Method 9012 Total Cyanide

4 - 100 ml ambers Yes ☒ No ☐
6 - 40 ml vials Yes ☒ No ☐
2 - 250 ml plastic Yes ☒ No ☐

Field Duplicate 0624

Sample ID: **MW-5R-0624** Duplicate? Yes ☒ No ☐
Sample Time: 1130 MS/MSD? Yes ☐ No ☒

Shipped: Pace Courier Pickup ☒
Drop-off Albany Service Center ☐

Comments/Notes:

Laboratory: Pace Analytical
Greensburg, PA

Sampling Personnel: Peter Lyon

Job Number: 0603500-136010-221

Well Id. **MW-6R**

Date: 8/25

Weather: Sunny 65°

Time In: 0950

Time Out: 1030

Well Information

		TOC	Other
Depth to Water:	(feet)	<u>22.46</u>	
Depth to Bottom:	(feet)	<u>45.00</u>	
Depth to Product:	(feet)	<u>—</u>	
Length of Water Column:	(feet)	<u>22.54</u>	
Volume of Water in Well:	(gal)	<u>3.60</u>	
Three Well Volumes:	(gal)	<u>10.81</u>	

Well Type: Flushmount ☒ Stick-Up ☐
Well Locked: Yes ☒ No ☐
Measuring Point Marked: Yes ☒ No ☐
Well Material: PVC ☒ SS ☐ Other: ☐
Well Diameter: 1" ☐ 2" ☒ Other: ☐
Comments: ☐

Purging Information

Purging Method: ☐ Bailer ☐ Peristaltic ☒ Grundfos Pump ☐
Tubing/Bailer Material: Teflon ☐ Stainless St. ☐ Polyethylene ☒
Sampling Method: Bailer ☐ Peristaltic ☒ Grundfos Pump ☐
Average Pumping Rate: (ml/min) 200
Duration of Pumping: (min) 30
Total Volume Removed: (gal) 2 Did well go dry? Yes ☐ No ☒
Horiba U-52 Water Quality Meter Used? Yes ☒ No ☐

Conversion Factors

gal/ft. of water	1" ID	2" ID	4" ID	6" ID
	0.04	0.16	0.66	1.4
1 gallon=3.785L=3785mL=1337cu. feet				

Time	DTW (feet)	Temp (°C)	pH	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
<u>0955</u>	<u>22.47</u>	<u>15.91</u>	<u>7.56</u>	<u>120</u>	<u>3.78</u>	<u>53.4</u>	<u>4.46</u>	<u>2.48</u>
<u>1000</u>	<u>22.47</u>	<u>15.22</u>	<u>7.49</u>	<u>129</u>	<u>5.45</u>	<u>1.3</u>	<u>1.31</u>	<u>3.44</u>
<u>1005</u>	<u>22.47</u>	<u>15.12</u>	<u>7.49</u>	<u>130</u>	<u>5.53</u>	<u>3.1</u>	<u>1.14</u>	<u>3.48</u>
<u>1010</u>	<u>22.47</u>	<u>15.16</u>	<u>7.48</u>	<u>128</u>	<u>5.55</u>	<u>0.8</u>	<u>1.02</u>	<u>3.50</u>
<u>1015</u>	<u>22.47</u>	<u>15.04</u>	<u>7.48</u>	<u>125</u>	<u>5.58</u>	<u>0.4</u>	<u>0.98</u>	<u>3.51</u>
<u>1020</u>	<u>22.47</u>	<u>15.02</u>	<u>7.48</u>	<u>120</u>	<u>5.60</u>	<u>0.0</u>	<u>0.99</u>	<u>3.53</u>
<u>1025</u>	<u>22.47</u>	<u>14.88</u>	<u>7.48</u>	<u>113</u>	<u>5.62</u>	<u>0.0</u>	<u>0.89</u>	<u>3.54</u>

Sampling Information:

EPA SW-846 Method 8270 SVOC PAH's
EPA SW-846 Method 8260 VOC's BTEX
EPA SW-846 Method 9012 Total Cyanide

2 - 100ml ambers Yes ☒ No ☐
3 - 40 ml vials Yes ☒ No ☐
1 - 250 ml plastic Yes ☒ No ☐

Sample ID: **MW-6R-0624** Duplicate? Yes ☐ No ☒
Sample Time: 1025 MS/MSD? Yes ☐ No ☒

Shipped: Pace Courier Pickup ☒
Drop-off Albany Service Center ☐

Comments/Notes:

Laboratory: Pace Analytical
Greensburg, PA

Sampling Personnel: Peter Lyon

Job Number: 0603500-136010-221

Well Id. **MW-7R**

Date: 6/12/25

Weather: 65° Sunny

Time In: 1148

Time Out: 1230

Well Information

		TOC	Other
Depth to Water:	(feet)	<u>21.44</u>	
Depth to Bottom:	(feet)	45.05	
Depth to Product:	(feet)	<u>—</u>	
Length of Water Column:	(feet)	<u>23.61</u>	
Volume of Water in Well:	(gal)	<u>3.77</u>	
Three Well Volumes:	(gal)	<u>11.33</u>	

Well Type: Flushmount ☒ Stick-Up ☐
Well Locked: Yes ☒ No ☐
Measuring Point Marked: Yes ☒ No ☐
Well Material: PVC ☒ SS ☐ Other: ☐
Well Diameter: 1" ☐ 2" ☒ Other: ☐
Comments: ☐

Purging Information

Purging Method: ☐ Bailer ☐ Peristaltic ☒ Grundfos Pump ☐
Tubing/Bailer Material: Teflon ☐ Stainless St. ☐ Polyethylene ☒
Sampling Method: Bailer ☐ Peristaltic ☒ Grundfos Pump ☐
Average Pumping Rate: (ml/min) 20
Duration of Pumping: (min) 30
Total Volume Removed: (gal) 2 Did well go dry? Yes ☐ No ☒
Horiba U-52 Water Quality Meter Used? Yes ☒ No ☐

Conversion Factors

gal/ft. of water	1" ID	2" ID	4" ID	6" ID
	0.04	0.16	0.66	1.4

1 gallon=3.785L=3785mL=1337cu. feet

Time	DTW (feet)	Temp (°C)	pH	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
<u>1155</u>	<u>21.47</u>	<u>16.16</u>	<u>7.36</u>	<u>141</u>	<u>3.50</u>	<u>14.9</u>	<u>3.24</u>	<u>2.22</u>
<u>1200</u>	<u>21.47</u>	<u>15.57</u>	<u>7.43</u>	<u>145</u>	<u>4.33</u>	<u>0.0</u>	<u>1.55</u>	<u>2.77</u>
<u>1205</u>	<u>21.47</u>	<u>15.48</u>	<u>7.44</u>	<u>146</u>	<u>4.39</u>	<u>0.0</u>	<u>1.51</u>	<u>2.81</u>
<u>1210</u>	<u>21.47</u>	<u>15.48</u>	<u>7.44</u>	<u>147</u>	<u>4.42</u>	<u>0.0</u>	<u>1.52</u>	<u>2.83</u>
<u>1215</u>	<u>21.47</u>	<u>15.45</u>	<u>7.44</u>	<u>147</u>	<u>4.43</u>	<u>0.0</u>	<u>1.52</u>	<u>2.83</u>
<u>1220</u>	<u>21.47</u>	<u>15.43</u>	<u>7.44</u>	<u>147</u>	<u>4.44</u>	<u>0.0</u>	<u>1.46</u>	<u>2.84</u>
<u>1225</u>	<u>21.47</u>	<u>15.47</u>	<u>7.44</u>	<u>147</u>	<u>4.44</u>	<u>0.0</u>	<u>1.54</u>	<u>2.84</u>

Sampling Information:

EPA SW-846 Method 8270 SVOC PAH's
EPA SW-846 Method 8260 VOC's BTEX
EPA SW-846 Method 9012 Total Cyanide

2 - 100ml ambers Yes ☒ No ☐
3 - 40 ml vials Yes ☒ No ☐
1 - 250 ml plastic Yes ☒ No ☐

Sample ID: **MW-7R-0624** Duplicate? Yes ☐ No ☒
Sample Time: 1225 MS/MSD? Yes ☐ No ☒

Shipped: Pace Courier Pickup ☒
Drop-off Albany Service Center ☐

Comments/Notes:

Laboratory: Pace Analytical
Greensburg, PA

Chain of Custody Record

Client Information Client Contact: Tim Beaumont Company: Groundwater & Environmental Services Inc Address: 6780 Northern Boulevard Suite 100 City: East Syracuse State, Zip: NY, 13057 Phone: Email: tbeaumont@gesonline.com Project Name: Watertown Annual GWS Event Desc: Watertown Annual GWS Site: Watertown Annual GWS		Sampler: <i>Peter 2700 / Karp 12</i> Phone: <i>(518) 245-6106 / 3.982</i>		Lab PM: Beninati, John E-Mail: jbeninati@et.eurofinsus.com		Carrier Tracking No(s): State of Origin:		COC No: 480-195167-40601.1 Page: Page 1 of 1	
		PWSID:		Analysis Requested		Job #:			
Due Date Requested: TAT Requested (days): Compliance Project: ☐ Yes ☐ No PO #: 0603500-136010-221-1106 WO #: Project #: 48027231 SSOV#:		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 8280C - BTEX - 8260 9012B_NP - Cyanide, Total 8270D - PAH Semivolatiles		Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Y - Trizma Z - other (specify) Other:					
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Preservation Code:	Total Number of containers	Special Instructions/Note:	
MW-1		6/12/25	115	G	Water	3 1 2	6		
MW-2		6/12/25	1110	G	Water	3 1 2	6		
MW-3		6/12/25	115	G	Water	3 1 2	6		
MW-3R		6/12/25	0740	G	Water	3 1 2	6		
MW-4R		6/12/25	1310	G	Water	3 1 2	6		
MW-4R-MS		6/12/25	1310	G	Water	3 1 2	6		
MW-4R-MSD		6/12/25	1310	G	Water	3 1 2	6		
MW-5R		6/12/25	1130	G	Water	3 1 2	6		
MW-6R		6/12/25	1025	G	Water	3 1 2	6		
MW-7R		6/12/25	1225	G	Water	3 1 2	6		
Field Duplicate		6/12/25	-	G	Water	3 1 2	6		
Trip Blank				G	Water	3	3		
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☒ Radiological						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months			
Deliverable Requested: I, II, III, IV, Other (specify)						Special Instructions/QC Requirements:			
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:			
Relinquished by: <i>[Signature]</i>		Date/Time: <i>6/12/25 15:40</i>		Company: <i>[Signature]</i>		Received by: <i>[Signature]</i>		Date/Time: <i>6/12/25 15:00</i>	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:					



Appendix C – Data Usability Summary Report



August 21, 2025

Devin Shay
Groundwater & Environmental Services, Syracuse
6780 Northern Blvd., Suite 100
East Syracuse, NY 13057

RE: Data Usability Summary Report for National Grid: Watertown, NY Site Data Package
Eurofins Environment Testing Job No. 480-230289-1

Groundwater & Environmental Services, Inc. (GES) reviewed one data package (Laboratory Project Number 480-220854-1) from Eurofins Buffalo in Amherst, NY., for the analysis of groundwater samples collected on June 12, 2025 from monitoring wells located at the National Grid: Watertown, NY Site. Six (6) aqueous samples and a field duplicate were analyzed for volatile organic compounds (VOCs), polyaromatic hydrocarbons (PAHs), and cyanide. A trip blank was analyzed for Vos. Methodologies utilized were those of the USEPA SW846 methods 8260C/8270D/9012B, with additional QC requirements of the NYSDEC ASP.

The data were reported as part of a complete full deliverable type B data validation. This usability report is generated from review of the following:

- Laboratory Narrative Discussion
- Custody Documentation
- Holding Times
- Surrogate and Internal Standard Recoveries
- Matrix Spike Recoveries/Duplicate: (MS/MSD) Correlations
- Field Duplicate Correlations
- Laboratory Control Sample (LCS)
- Preparation/Calibration Blanks
- Calibration/Low Level Standard Responses
- Instrumental Tunes

The items listed above which show deficiencies were discussed within the text of this narrative.

All of the other items were determined to be acceptable for the DUSR level review.



In addition, method and QC criteria specified in the NYSDEC ASP were implemented. All data are considered valid and acceptable.

Table 1. Validation Qualifiers

Sample ID	Qualifier	Analyte	Reason for qualification
MW-3R	U at RL	Cyanide	Blank detection
FD-DL MW-5R-DL	J+	Naphthalene	High surrogate recovery

In summary, sample results were usable as reported, with qualifications and exceptions listed in Table 1.

The laboratory case narratives and sample identification summary forms are attached to this text, and should be reviewed in conjunction with this report.

BTEX Volatiles by EPA 8260C/NYSDEC ASP

Sample holding times were met and instrumental tune fragmentations were within acceptance ranges.

There were no positive detections in the blanks. Some samples were diluted to allow high concentration targets to fall within the calibration curve.

Calibration standards show acceptable responses within analytical protocol and validation action limits.

MS/MSD recoveries and associated RPDs were within criteria.

The blind field duplicate correlations for MW-5R were within project criteria of <30%.

PAHs by EPA8270D/NYSDEC ASP

Sample holding times were met and instrumental tune fragmentations were within acceptance ranges.

The surrogate nitrobenzene-d5 for the field duplicate recovered high. Naphthalene is qualified as estimated with a possible high bias.

There were no positive detections in the blanks. Some continuing calibration standards recovered above criteria. No detected analytes were associated with the elevated recoveries; no qualifications were required.

Instrumental tune fragmentations were within acceptance ranges. Surrogate recoveries were within analytical and validation criteria.

Blanks show no contamination.

LCS recoveries and RPDs were reported within acceptable ranges.

MS/MSD recoveries and RPDs were reported within acceptable ranges with the following exception:

- In the MS/MSD associated with MW-4R both anthracene and fluorene reported RPDs above the laboratory maximum but below the EPA 30% guidance for precise data. No qualification is required.

The blind field duplicate correlations for MW-5R were within project criteria of <30%.

Total Cyanide by 9012B/ NYSDEC ASP

Review was conducted for method compliance, holding times, transcription, calculations, standard and blank acceptability, accuracy and precision, etc., as applicable to each procedure. All were found acceptable for the validated samples.

Calibration standard responses were compliant. The method blank reported cyanide at a level below reporting limit but above method detection limit. All detected cyanide reported above the detection limit are not affected. Data reported below the reporting limit is qualified as non-detect at the reporting limit. See **Table 1**.

The laboratory spikes and duplicates of total cyanide show acceptable recoveries and/or correlations.

The blind field duplicate correlations for MW-5R were within project criteria of <30%.

Precision Calculations

Analyte	MW-5R	Field Duplicate	RPD
Benzene	4300	4200	2.4
Toluene	6700	6600	1.5
Ethylbenzene	3400	3500	2.9
m-Xylene & p-Xylene	3600	3600	0.0
o-Xylene	1400	1500	6.9
Xylenes, Total	5000	5100	2.0
Total BTEX	19000	19000	0.0
Acenaphthene	140	120	15.4
Acenaphthylene	34	29	15.9
Anthracene	6.2	5.9	5.0
Fluoranthene	1.1	0.96	13.6
Fluorene	43	39	9.8
Naphthalene	950	920	3.2
Phenanthrene	34	32	6.1
Pyrene	0.97	0.77	23.0
Acenaphthene - DL	110	90	20.0
Naphthalene - DL	4100	3600	13.0

Cyanide, Total	0.11	0.11	0.0
A duplicate Analyte	MW-5R	Field Duplicate	RPD
Benzene	4300	4200	2.4
Toluene	6700	6600	1.5
Ethylbenzene	3400	3500	2.9
m-Xylene & p-Xylene	3600	3600	0.0
o-Xylene	1400	1500	6.9
Xylenes, Total	5000	5100	2.0
Total BTEX	19000	19000	0.0
Acenaphthene	140	120	15.4
Acenaphthylene	34	29	15.9
Anthracene	6.2	5.9	5.0
Fluoranthene	1.1	0.96	13.6
Fluorene	43	39	9.8
Naphthalene	950	920	3.2
Phenanthrene	34	32	6.1
Pyrene	0.97	0.77	23.0
Acenaphthene - DL	110	90	20.0
Naphthalene - DL	4100	3600	13.0
Cyanide, Total	0.11	0.11	0.0

Data Package Completeness

Complete NYSDEC Category B deliverables were included in the laboratory data package, all information required for validation of the data is present.

Please do not hesitate to contact me if you have comments or questions regarding this report.



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VALIDATION DATA QUALIFIER DEFINITIONS

- U** The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit.
- J** The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
- J-** The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased low.
- J+** The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased high.
- UJ** The analyte was analyzed for, but was not detected. The associated reported quantitation limit is approximate and may be inaccurate or imprecise.
- NJ** The detection is tentative in identification and estimated in value. Although there is presumptive evidence of the analyte, the result should be used with caution as a potential false positive and/or elevated quantitative value.
- R** The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control limits. The analyte may or may not be present.

Sample Summaries and Laboratory Case Narratives

Sample Summary

Client: Groundwater & Environmental Services Inc
Project/Site:

Job ID: 480-230289-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-230289-1	Trip Blank	Water	06/12/25 00:00	06/13/25 09:00
480-230289-2	MW-2	Water	06/12/25 11:10	06/13/25 09:00
480-230289-3	MW-3R	Water	06/12/25 09:40	06/13/25 09:00
480-230289-4	MW-4R	Water	06/12/25 13:10	06/13/25 09:00
480-230289-5	MW-5R	Water	06/12/25 11:30	06/13/25 09:00
480-230289-6	MW-6R	Water	06/12/25 10:25	06/13/25 09:00
480-230289-7	MW-7R	Water	06/12/25 12:25	06/13/25 09:00
480-230289-8	Field Duplicate	Water	06/12/25 00:00	06/13/25 09:00

Case Narrative

Client: Groundwater & Environmental Services Inc
Project:

Job ID: 480-230289-1

Job ID: 480-230289-1

Eurofins Buffalo

Job Narrative 480-230289-1

Receipt

The samples were received on 6/13/2025 9:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.0° C.

GC/MS VOA

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-5R (480-230289-5) and Field Duplicate (480-230289-8). Elevated reporting limits (RLs) are provided.

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

GC/MS Semi VOA

Method 8270D: The continuing calibration verification (CCV) associated with batch 480-749351 recovered above the upper control limit for Benzo[k]fluoranthene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are: MW-2 (480-230289-2), MW-3R (480-230289-3), MW-4R (480-230289-4), MW-5R (480-230289-5), MW-6R (480-230289-6), MW-7R (480-230289-7) and Field Duplicate (480-230289-8).

Method 8270D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-5R (480-230289-5) and Field Duplicate (480-230289-8). Elevated reporting limits (RLs) are provided.

Method 8270D: The following samples required a dilution due to the abundance of target analytes: MW-5R (480-230289-5) and Field Duplicate (480-230289-8). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

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

General Chemistry

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

Organic Prep

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

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