Steven P. Stucker, C.P.G.
Lead Environmental Engineer

June 25, 2024

Mr. Brad Demo
Geologist
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
14 Hancock Street, Fort Plain, New York
Semi-Annual Groundwater Monitoring Report

Dear Mr. Demo:

Enclosed for your review is the Semi-Annual Groundwater Monitoring Report for the National Grid Fort Plain Former MGP Site, for the first half of 2024.

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 January and April during the first half of 2024. The site is generally in good shape and in compliance. There were no detections in the groundwater samples collected from monitoring wells MW-2 (immediately downgradient of the former gas holder), MW-3 (Northwest of the former holders), MW-8 (immediately Northeast of the Route 5S Diner), and MW-9 (immediately downgradient of State Street). There were BTEX and/or PAH detections in monitoring wells MW-7 (Diner parking lot), MW-10 (Diner parking lot), and MW-12 (immediately Northeast of the former holder).

If you have any questions, then please feel free to contact me at 315.428.5652.

Very truly yours,

for SPS

Steven P. Stucker, C.P.G.
Lead Environmental Engineer
National Grid

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

National Grid

Semi-Annual Groundwater Monitoring Report

National Grid Fort Plain, Former MGP Site
14 Hancock Street, Fort Plain, New York 13339
NYSDEC Site No. 4-29-007

June 2024

Version 1

Semi-Annual Groundwater Monitoring Report

National Grid Fort Plain, Former MGP Site
14 Hancock Street
Fort Plain, NY 13339

Prepared for:
National Grid
300 Erie Boulevard West, C-1
Syracuse, NY 13202

Prepared by:
Groundwater & Environmental Services, Inc.
6780 Northern Blvd., Suite 100
East Syracuse, NY 13057
TEL: 800-220-3069
www.gesonline.com

GES Project:
0603400.133390.221

Date:
June 25, 2024

Devin T. Shay, PG
Program Manager / Principal Hydrogeologist

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1 Introduction

This Semi-Annual Groundwater Monitoring Report presents results from the activities conducted at the Fort Plain former manufactured gas plant (MGP) site located in Fort Plain, New York (the Site). A site map is presented on **Figure 1**. All activities summarized in this report are conducted in accordance with the Site Management Plan (SMP) for the Site, completed by Arcadis and submitted to the New York State Department of Environmental Conservation (NYSDEC) on December 31, 2012.

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

2 Semi-Annual Groundwater Monitoring

2.1 Objectives

The objectives of the April 2024 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 addended April 2000 and June 2004.

2.2 Groundwater Well Gauging

The April 11, 2024 groundwater monitoring field activities were conducted by GES. Prior to collecting groundwater samples, static fluid level measurements were collected from MW-2, MW-3, MW-7, MW-8, MW-9, MW-10, MW-12, and EW-1. 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. Table 1** also includes groundwater elevation measurements obtained during previous groundwater monitoring events. A shallow groundwater potentiometric surface contour map developed based on the groundwater elevation measurements taken on April 11, 2024, is included on **Figure 2**.

Groundwater generally flows to the northeast from the Site toward the Route 5S Diner. Groundwater elevations ranged from 290.23 feet above sea level (asl; well MW-9) to 319.22 feet asl (well EW-1). Field data from the gauging event is presented in **Appendix A**.

2.3 Groundwater Well Sampling and Analytical Results

Groundwater samples were collected by GES from seven monitoring wells on April 11, 2024 (including MW-2, MW-3, MW-7, MW-8, MW-9, MW-10, and MW-12). Monitoring EW-1 which was previously sampled semi-annually, is now sampled annually (October), per the SMP. 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 well. 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 A**.

Following purging, groundwater samples were collected. The groundwater samples were bottled and shipped to Eurofins Environment Testing for laboratory analysis for Benzene, Toluene, Ethylbenzene, and total Xylenes (BTEX; EPA Method 8260C), as well as Semi-Volatile Polycyclic Aromatic Hydrocarbons (PAHs; EPA Method 8270D). 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. VOC exceedances are bolded on **Table 2** and further shown on **Figure 3**. The Data Usability Summary Report (DUSR) is included in **Appendix B**.

There were no detections in the samples collected from monitoring wells MW-2 (immediately down gradient of the former gas holder), MW-3 (Northwest of the former holders), MW-8 (immediately Northeast of the Route 5S Diner), and MW-9 (immediately down gradient of State Street). There were BTEX and/or PAH detections in monitoring wells MW-7 (Diner parking lot), MW-10 (Diner parking lot), MW-12 (immediately Northeast of the former holder). In October 2015, for the first time in seven sampling rounds, semi-volatile organic compounds (SVOCs) were detected at monitoring well MW-9; however, since then no Site-related parameters have been detected. Impacts are generally within the former holder areas and below the parking area down gradient of the former holders.

3 Semi-Annual Site-Wide Inspections

The semi-annual site-wide inspections were conducted on January 11, and April 11, 2024. The Site Inspection Forms are presented in **Appendix A**. In general, the Site is in compliance. Site features including the groundwater monitoring wells, asphalt pavement (Route 5S Diner parking lot), security fencing/gates, gas holder retaining wall, concrete block retaining wall, former gas holder cap, and storm water drainage system were inspected.

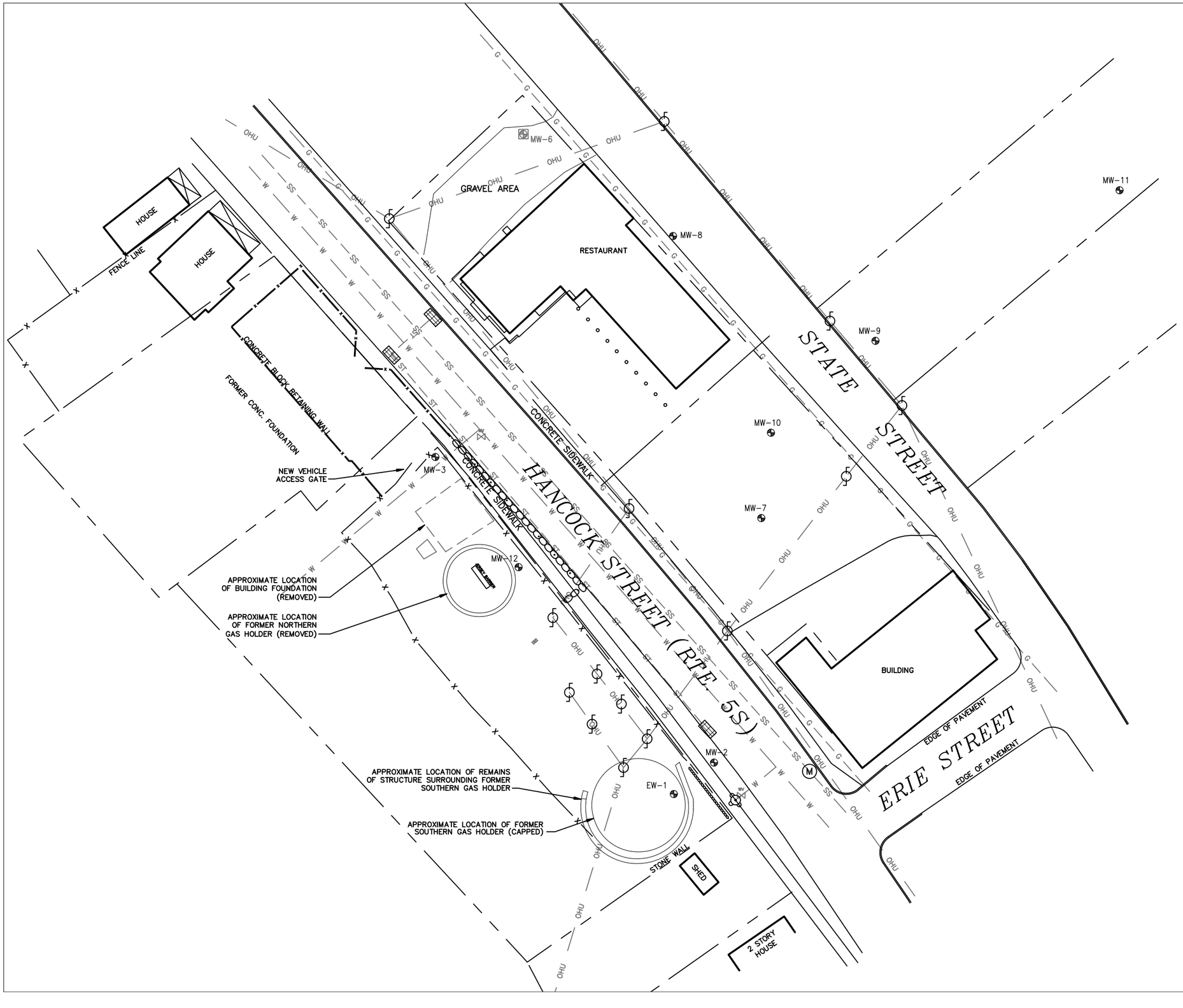
Monitoring well MW-11 was removed from the semi-annual field activities as it was decommissioned on February 8, 2024.

4 Recommendations

4.1 Recommendations

At this time, National Grid recommends continuing the semi-annual monitoring activities. The next semi-annual groundwater sampling event would be in Fall 2024. Semi-Annual site-wide inspections are required; however, for internal security purposes, National Grid will continue to conduct quarterly site-wide inspections.

Figures



LEGEND

- PROPERTY BOUNDARY
- FENCE
- CATCH BASIN
- UTILITY MANHOLE
- FIRE HYDRANT
- UTILITY POLE
- MONITORING WELL
- DESTROYED/ABANDONED WELL
- SS — UNDERGROUND SANITARY SEWER LINE
- ST — UNDERGROUND STORM SEWER LINE
- W — UNDERGROUND WATER LINE
- G — UNDERGROUND GAS LINE
- OHU — OVERHEAD UTILITIES

Site Map

National Grid
Former MGP Site
14 Hancock Street
Fort Plain, New York

Drawn
W.G.S.
Designed

Approved

Date
11/3/20
Figure
1

Scale In Feet
0 40

Groundwater & Environmental Services, Inc.

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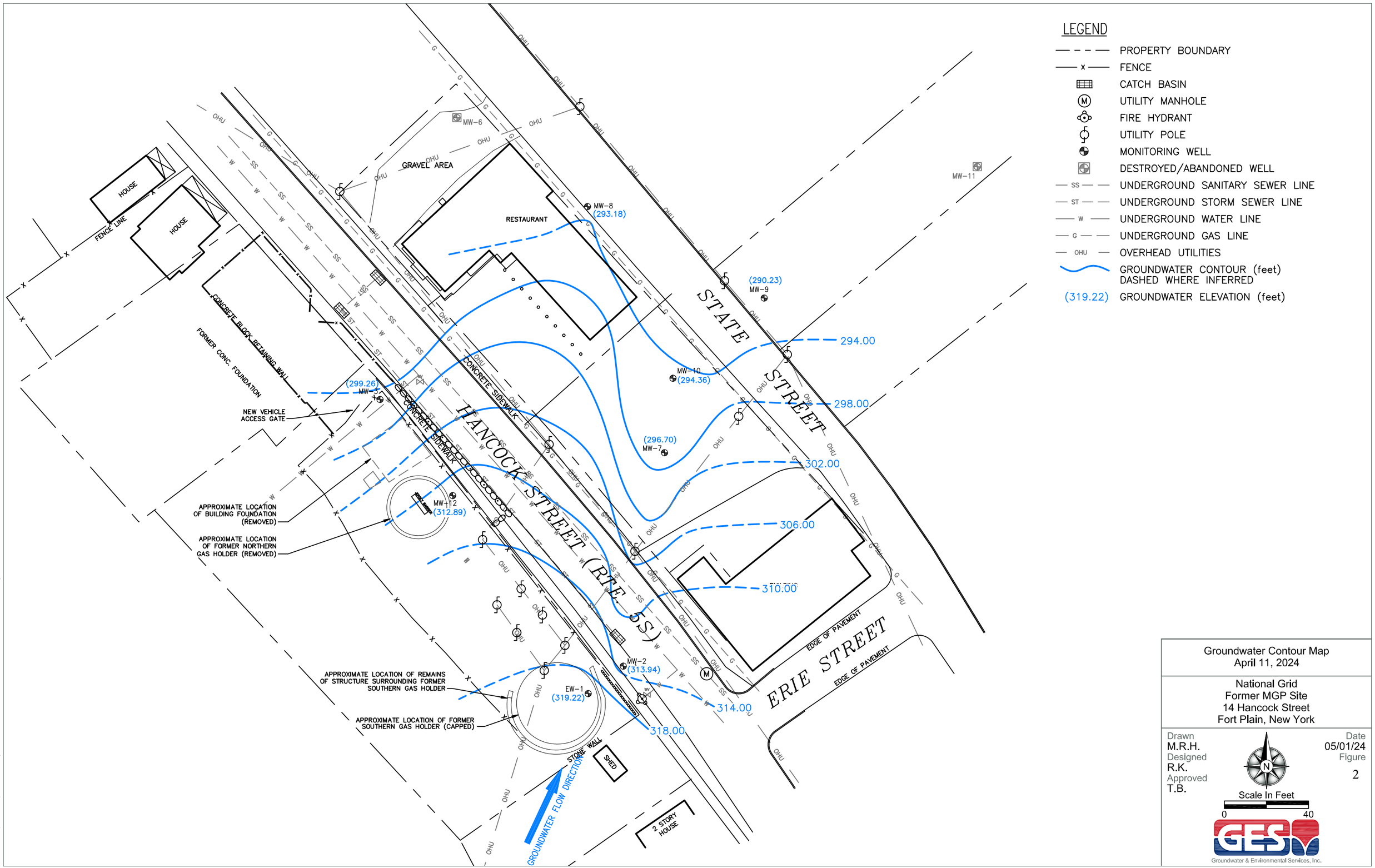

Groundwater Contour Map
April 11, 2024

National Grid
Former MGP Site
14 Hancock Street
Fort Plain, New York

Drawn
M.R.H.
Designed
R.K.
Approved
T.B.

Date
05/01/24
Figure
2

Scale In Feet
0 40

Groundwater & Environmental Services, Inc.

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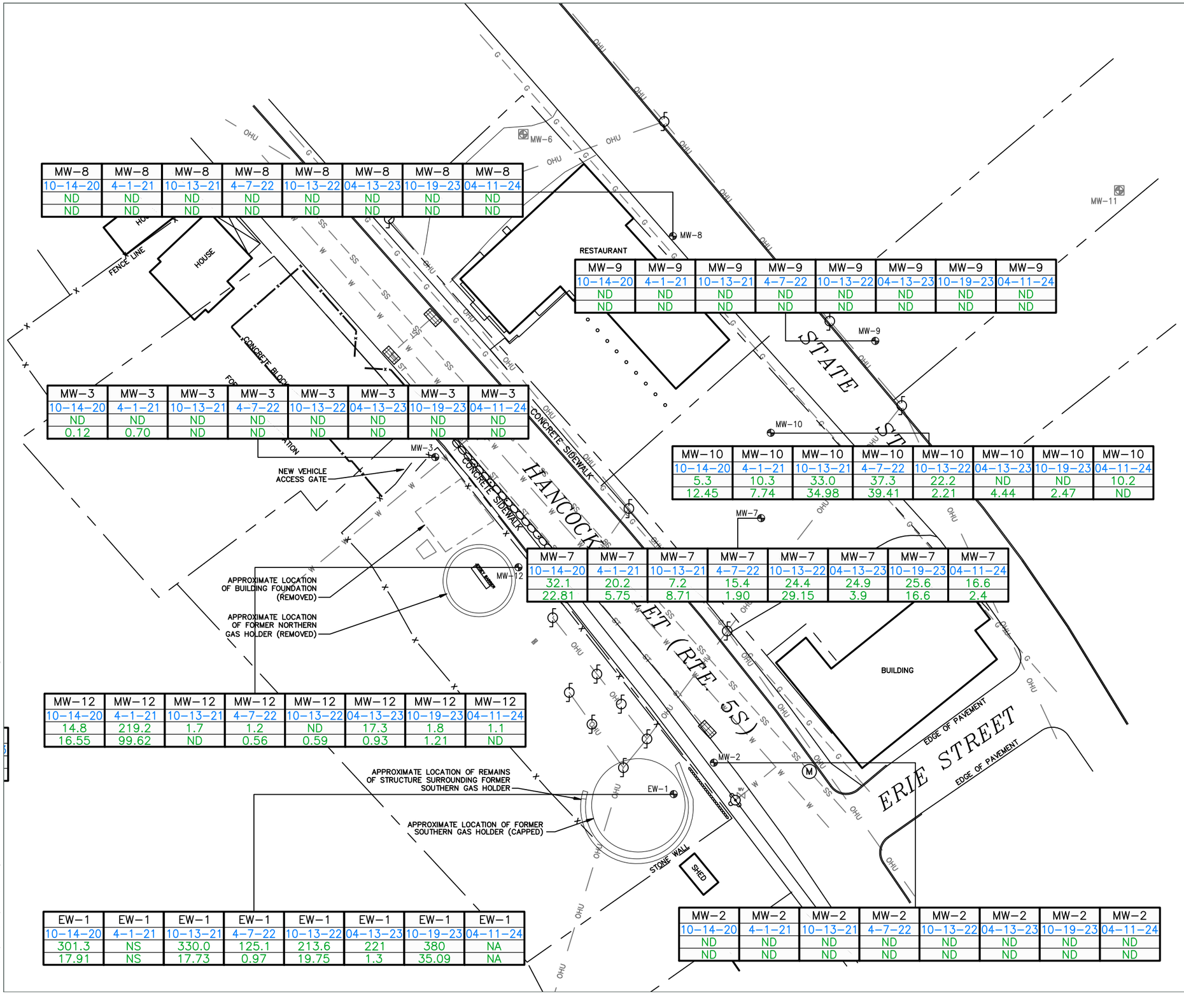

LEGEND

- PROPERTY BOUNDARY
- FENCE
- CATCH BASIN
- UTILITY MANHOLE
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- MONITORING WELL
- DESTROYED/ABANDONED WELL
- SS — UNDERGROUND SANITARY SEWER LINE
- ST — UNDERGROUND STORM SEWER LINE
- W — UNDERGROUND WATER LINE
- G — UNDERGROUND GAS LINE
- OHU — OVERHEAD UTILITIES

MW-2	WELL IDENTIFICATION
04-11-24	SAMPLE DATE
ND	TOTAL BTEX CONCENTRATION (µg/L)
ND	TOTAL SVOCs CONCENTRATION (µg/L)

µg/L — MICROGRAMS PER LITER

BTEX — BENZENE, TOLUENE, ETHYLBENZENE, XYLENES

SVOCs — SEMI-VOLATILE ORGANIC COMPOUNDS

ND — NOT DETECTED

NA — NOT ANALYZED

Groundwater Analytical Map

National Grid
Former MGP Site
14 Hancock Street
Fort Plain, New York

Drawn M.R.H.
Designed R.K.
Approved T.B.

Date 05/01/24
Figure 3

Scale In Feet
0 40

Groundwater & Environmental Services, Inc.

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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 (06/08/11)	Groundwater Elevation (06/08/11)	Depth To Water (10/24/11)	Groundwater Elevation (10/24/11)	Depth To Water (04/12/12)	Groundwater Elevation (04/12/12)	Depth To Water (10/10/12)	Groundwater Elevation (10/10/12)
MW-2	Flushmount; PVC; 2-inch	317.50	17.81	299.69	309.69-299.69	4.71	312.79	4.48	313.02	4.45	313.05	6.45	311.05
MW-3	Flushmount; PVC; 2-inch	315.10	18.72	296.38	306.38-296.38	15.72	299.38	16.15	298.95	15.87	299.23	16.35	298.75
MW-7	Flushmount; PVC; 2-inch	313.10	22.72	290.38	300.38-290.38	16.45	296.65	16.52	296.58	16.50	296.60	16.47	296.63
MW-8	Flushmount; PVC; 2-inch	311.97	24.52	287.45	297.45-287.45	18.44	293.53	18.76	293.21	18.79	293.18	18.46	293.51
MW-9	Stickup; PVC; 2-inch	311.05	25.35	285.7	295.70-285.70	NM	NM	20.25	290.80	21.74	289.31	17.57	293.48
MW-10	Flushmount; PVC; 2-inch	313.20	22.92	290.28	300.28.290.28	17.75	295.45	18.37	294.83	18.65	294.55	18.08	295.12
MW-11	Flushmount; PVC; 2-inch	NA	NA	NA	NA	NM	NM	NM	NM	NM	NM	NM	NM
MW-12	Flushmount; PVC; 2-inch	315.40	3.14	312.26	326.96-312.26	NM	NM	3.56	311.84	3.35	312.05	3.14	312.26
EW-1	Flushmount; PVC; 4-inch	321.70	6.61	315.09	318.69-315.09	NM	NM	NM	NM	3.12	318.58	2.86	318.84

Table 1

Groundwater Monitoring Well Gauging Data

Well ID	Depth To Water (04/19/13)	Groundwater Elevation (04/19/13)	Depth To Water (10/09/13)	Groundwater Elevation (10/09/13)	Depth To Water (04/07/14)	Groundwater Elevation (04/07/14)	Depth To Water (10/20/14)	Groundwater Elevation (10/20/14)	Depth To Water (04/15/15)	Groundwater Elevation (04/15/15)	Depth To Water (10/30/15)	Groundwater Elevation (10/30/15)
MW-2	6.49	311.01	6.22	311.28	3.75	313.75	2.61	314.89	4.47	313.03	4.21	313.29
MW-3	15.49	299.61	16.42	298.68	15.60	299.50	16.61	298.49	15.66	299.44	15.89	299.21
MW-7	16.39	296.71	16.55	296.55	16.30	296.80	16.48	296.62	16.35	296.75	16.45	296.65
MW-8	18.55	293.42	18.82	293.15	18.49	293.48	18.27	293.7	18.58	293.4	18.55	293.42
MW-9	20.48	290.57	18.38	292.67	20.04	291.01	17.32	293.7	20.11	290.9	17.61	293.44
MW-10	18.45	294.75	18.44	294.76	18.32	294.88	17.85	295.35	18.43	294.77	18.1	295.10
MW-11	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-12	2.61	312.79	3.45	311.95	2.37	313.03	2.65	312.75	2.53	312.87	2.02	313.38
EW-1	3.11	318.59	2.81	318.89	2.21	319.49	2.61	319.09	3.15	318.55	2.5	319.20

Table 1

Groundwater Monitoring Well Gauging Data

Well ID	Depth To Water (04/21/16)	Groundwater Elevation (04/21/16)	Depth To Water (10/19/16)	Groundwater Elevation (10/19/16)	Depth To Water (04/13/17)	Groundwater Elevation (04/13/17)	Depth To Water (10/19/17)	Groundwater Elevation (10/19/17)	Depth To Water (04/05/18)	Groundwater Elevation (04/05/18)	Depth To Water (10/10/18)	Groundwater Elevation (10/10/18)
MW-2	3.88	313.62	4.12	313.38	4.32	313.18	4.28	313.22	4.30	313.20	4.10	313.40
MW-3	15.98	299.12	16.95	298.15	15.78	299.32	16.55	298.55	15.80	299.30	16.42	298.68
MW-7	16.43	296.67	16.62	296.48	16.45	296.65	16.85	296.25	16.80	296.30	16.45	296.65
MW-8	18.78	293.19	18.70	293.27	18.69	293.28	18.85	293.12	18.71	293.26	18.62	293.35
MW-9	21.35	289.70	18.07	292.98	18.94	292.11	17.9	293.15	20.56	290.49	17.66	293.39
MW-10	18.67	294.53	18.39	294.81	18.23	294.97	18.33	294.87	18.41	294.79	18.03	295.17
MW-11	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-12	3.98	311.42	3.57	311.83	2.53	312.87	3.28	312.12	2.25	313.15	2.95	312.45
EW-1	3.51	318.19	3.06	318.64	3.14	318.56	2.96	318.74	2.70	319.00	3.00	318.70

Table 1

Groundwater Monitoring Well Gauging Data

Well ID	Depth To Water (04/04/19)	Groundwater Elevation (04/04/19)	Depth To Water (10/10/19)	Groundwater Elevation (10/10/19)	Depth To Water (6/10/20)	Groundwater Elevation (6/10/20)	Depth To Water	Groundwater Elevation (10/14/20)	Depth To Water	Groundwater Elevation (4/1/21)	Depth To Water	Groundwater Elevation (10/13/21)	Depth To Water	Groundwater Elevation (4/7/22)
MW-2	4.50	313.00	3.95	313.55	4.30	313.20	3.98	313.52	4.20	313.30	3.86	313.64	4.06	313.44
MW-3	15.85	299.25	16.13	298.97	16.56	298.54	16.43	298.67	9.52	305.58	16.14	298.96	15.91	299.19
MW-7	16.48	296.62	16.46	296.64	16.78	296.32	16.48	296.62	16.48	296.62	18.03	295.07	16.50	296.60
MW-8	18.76	293.21	18.51	293.46	18.98	292.99	18.88	293.09	18.88	293.09	18.42	293.55	18.83	293.14
MW-9	21.03	290.02	17.60	293.45	21.90	289.15	17.92	293.13	21.28	289.77	17.43	293.62	21.35	289.70
MW-10	18.79	294.41	18.03	295.17	18.97	294.23	18.23	294.97	18.85	294.35	16.50	296.70	19.07	294.13
MW-11	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	10.78	NA
MW-12	2.55	312.85	2.79	312.61	3.21	312.19	2.91	312.49	2.53	312.87	2.94	312.46	2.53	312.87
EW-1	2.92	318.78	2.61	319.09	3.70	318.00	2.70	319.00	2.57	319.13	2.77	318.93	2.52	319.18

Well ID	Depth To Water	Groundwater Elevation (10/13/22)	Depth To Water	Groundwater Elevation (4/13/23)	Depth To Water	Groundwater Elevation (10/19/23)	Depth To Water	Groundwater Elevation (4/11/24)
MW-2	3.80	313.70	4.20	313.30	4.06	313.44	3.56	313.94
MW-3	16.40	298.70	16.09	299.01	16.44	298.66	15.84	299.26
MW-7	16.50	296.60	16.46	296.64	16.48	296.62	16.40	296.70
MW-8	18.95	293.02	18.88	293.09	18.77	293.20	18.79	293.18
MW-9	18.14	292.91	20.97	290.08	17.80	293.25	20.82	290.23
MW-10	18.60	294.60	18.96	294.24	18.28	294.92	18.84	294.36
MW-11	6.63	NA	9.82	NA	5.74	NA	NA	NA
MW-12	2.96	312.44	2.60	312.80	2.90	312.50	2.51	312.89
EW-1	2.68	319.02	2.82	318.88	2.65	319.05	2.48	319.22

All elevations are measured in feet
NA = Not Available
NM = Not Measured
Monitoring well MW-11 was abandoned on February 8, 2024.

Table 2

Groundwater Analytical Data
MW-2

	NYSDEC TOGS 1.1.1 Guidance Values	Units	06/08/11	10/25/11	04/12/12	10/11/12	04/19/13	10/09/13	04/07/14	10/20/14	05/15/15	10/28/15	04/21/16	10/19/16	04/13/17	10/19/17	04/05/18	10/10/18	04/04/19	10/10/19	06/10/20	10/14/20	04/01/21	10/13/21	04/08/22	10/13/22	04/13/23	10/19/23	04/11/24
BTEX														ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	1	µg/L	ND (<1.0)	ND (<1.0)	ND (<0.41)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Ethylbenzene	5	µg/L	ND (<1.0)	ND (<1.0)	ND (<0.74)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Toluene	5	µg/L	ND (<1.0)	0.2 J	ND (<0.51)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Total Xylenes	5	µg/L	ND (<2.0)	ND (<3.0)	ND (<0.66)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<1.0)	ND (<2.0)
SVOCs														ND	ND	ND	ND	ND	0.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	20	µg/L	ND (<0.48)	ND (<10)	ND (<0.095)	ND (<0.49)	ND (<0.49)	ND (<0.49)	ND (<0.49)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<0.27)	ND (<5.0)
Acenaphthylene	- -	µg/L	ND (<0.48)	ND (<10)	ND (<0.059)	ND (<0.30)	ND (<0.30)	ND (<0.30)	ND (<0.30)	ND (<0.29)	ND (<0.29)	ND (<0.29)	ND (<0.29)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<0.18)	ND (<5.0)
Anthracene	50	µg/L	ND (<0.48)	ND (<10)	ND (<0.041)	ND (<0.49)	ND (<0.49)	ND (<0.49)	ND (<0.49)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<0.18)	ND (<5.0)
Benzo(a)anthracene	0.002	µg/L	ND (<0.48)	ND (<1.0)	ND (<0.048)	ND (<0.30)	ND (<0.30)	ND (<0.30)	ND (<0.30)	ND (<0.29)	ND (<0.29)	ND (<0.29)	ND (<0.29)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<0.045)	ND (<5.0)
Benzo(a)pyrene	ND	µg/L	-	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<0.090)	ND (<5.0)
Benzo(b)fluoranthene	0.002	µg/L	-	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<0.045)	ND (<5.0)
Benzo(g,h,i)perylene	- -	µg/L	-	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<0.45)	ND (<5.0)
Benzo(k)fluoranthene	0.002	µg/L	-	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<0.18)	ND (<5.0)
Chrysene	0.002	µg/L	ND (<0.48)	ND (<10)	ND (<0.045)	ND (<0.49)	ND (<0.49)	ND (<0.49)	ND (<0.49)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<0.18)	ND (<5.0)
Dibenz(a,h)anthracene	- -	µg/L	-	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<0.090)	ND (<5.0)
Fluoranthene	50	µg/L	ND (<0.48)	ND (<10)	ND (<0.063)	ND (<0.49)	ND (<0.49)	ND (<0.49)	ND (<0.49)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<0.45)	ND (<5.0)
Fluorene	50	µg/L	ND (<0.48)	ND (<10)	ND (<0.16)	ND (<0.49)	ND (<0.49)	ND (<0.49)	ND (<0.49)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<0.90)	ND (<5.0)
Indeno(1,2,3-cd)pyrene	0.002	µg/L	-	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<0.090)	ND (<5.0)
2-Methylnapthalene	- -	µg/L	-	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<0.90)	-
Naphthalene	10	µg/L	ND (<0.48)	ND (<10)	ND (<0.056)	ND (<0.99)	ND (<0.99)	ND (<0.99)	ND (<0.99)	ND (<0.96)	ND (<0.96)	ND (<0.96)	ND (<0.96)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	0.10	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<0.90)	ND (<5.0)
Phenanthrene	50	µg/L	ND (<0.48)	ND (<10)	ND (<0.065)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.20)	ND (<0.19)	ND (<0.19)	ND (<0.19)	ND (<0.19)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<0.045)	ND (<5.0)
Pyrene	50	µg/L	ND (<0.48)	ND (<10)	ND (<0.06)	ND (<0.49)	ND (<0.49)	ND (<0.49)	ND (<0.49)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<0.90)	ND (<5.0)

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-3

	NYSDEC TOGS 1.1.1 Guidance Values	Units	10/25/11	04/13/12	10/11/12	04/19/13	10/09/13	04/07/14	10/20/14	04/15/15	10/28/15	04/21/16	10/19/16	04/13/17	10/19/17	04/05/18	10/10/18	04/04/19	10/10/19	06/10/20	10/14/20	04/01/21	10/13/21	04/07/22	10/13/22	04/13/23	10/19/23	04/11/24
BTEX													ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	1	µg/L	ND (<1.0)	ND (<0.41)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Ethylbenzene	5	µg/L	ND (<1.0)	ND (<0.74)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Toluene	5	µg/L	0.35 J	ND (<0.51)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Total Xylenes	5	µg/L	ND (<3.0)	ND (<0.66)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<2.0)
SVOCs													ND	ND	ND	ND	ND	0.12	2.65	ND	0.12	0.70	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	20	µg/L	ND (<10)	ND (<0.086)	ND (<0.59)	ND (<0.59)	ND (<0.59)	ND (<0.59)	ND (<0.48)	ND (<0.48)	ND (<0.50)	ND (<0.50)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.11)	ND (<0.098)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.098)	ND (<0.097)	ND (<5.0)
Acenaphthylene	- -	µg/L	ND (<10)	ND (<0.053)	ND (<0.35)	ND (<0.35)	ND (<0.35)	ND (<0.35)	ND (<0.29)	ND (<0.29)	ND (<0.30)	ND (<0.30)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.11)	ND (<0.098)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.098)	ND (<0.097)	ND (<5.0)
Anthracene	50	µg/L	ND (<10)	ND (<0.037)	ND (<0.59)	ND (<0.59)	ND (<0.59)	ND (<0.59)	ND (<0.48)	ND (<0.48)	ND (<0.50)	ND (<0.50)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.11)	ND (<0.098)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.098)	ND (<0.097)	ND (<5.0)
Benzo(a)anthracene	0.002	µg/L	ND (<1.0)	ND (<0.044)	**0.59**	ND (<0.044)	ND (<0.044)	ND (<0.044)	ND (<0.29)	ND (<0.29)	ND (<0.30)	ND (<0.30)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.11)	**0.21**	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.098)	ND (<0.097)	ND (<5.0)
Benzo(a)pyrene	ND	µg/L	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.11)	0.24	ND (<0.10)	ND (<0.098)	0.11	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.098)	ND (<0.097)	ND (<5.0)
Benzo(b)fluoranthene	0.002	µg/L	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.11)	**0.36**	ND (<0.10)	ND (<0.098)	**0.14**	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.098)	ND (<0.097)	ND (<5.0)
Benzo(g,h,i)perylene	- -	µg/L	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.11)	0.20	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.098)	ND (<0.097)	ND (<5.0)
Benzo(k)fluoranthene	0.002	µg/L	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.11)	**0.14**	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.098)	ND (<0.097)	ND (<5.0)
Chrysene	0.002	µg/L	ND (<10)	ND (<0.04)	**0.68**	ND (<0.04)	ND (<0.04)	ND (<0.04)	ND (<0.48)	ND (<0.48)	ND (<0.50)	ND (<0.50)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.11)	**0.26**	ND (<0.10)	ND (<0.098)	**0.11**	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.098)	ND (<0.097)	ND (<5.0)
Dibenz(a,h)anthracene	- -	µg/L	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.11)	ND (<0.098)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.098)	ND (<0.097)	ND (<5.0)
Fluoranthene	50	µg/L	ND (<10)	ND (<0.057)	1.2	ND (<0.057)	ND (<0.057)	ND (<0.057)	ND (<0.48)	ND (<0.48)	ND (<0.50)	ND (<0.50)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.11)	0.47	ND (<0.10)	ND (<0.098)	0.17	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.098)	ND (<0.097)	ND (<5.0)
Fluorene	50	µg/L	ND (<10)	ND (<0.15)	ND (<0.59)	ND (<0.59)	ND (<0.59)	ND (<0.59)	ND (<0.48)	ND (<0.48)	ND (<0.50)	ND (<0.50)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.11)	ND (<0.098)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.098)	ND (<0.097)	ND (<5.0)
Indeno(1,2,3-cd)pyrene	0.002	µg/L	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.11)	**0.16**	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.098)	ND (<0.097)	ND (<5.0)
2-Methylnapthalene	- -	µg/L	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.11)	ND (<0.098)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.098)	ND (<0.097)	-
Naphthalene	10	µg/L	ND (<10)	ND (<0.05)	1.2	ND (<0.05)	ND (<0.05)	ND (<0.05)	ND (<0.95)	ND (<0.95)	ND (<0.99)	ND (<0.99)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	0.12	ND (<0.098)	ND (<0.10)	0.12	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.098)	ND (<0.097)	ND (<5.0)
Phenanthrene	50	µg/L	ND (<10)	ND (<0.059)	0.65	ND (<0.059)	ND (<0.059)	ND (<0.059)	ND (<0.19)	ND (<0.19)	ND (<0.20)	ND (<0.20)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.10)	0.15	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.098)	ND (<0.097)	ND (<5.0)
Pyrene	50	µg/L	ND (<10)	ND (<0.054)	1.0	ND (<0.054)	ND (<0.054)	ND (<0.054)	ND (<0.48)	ND (<0.48)	ND (<0.50)	ND (<0.50)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.10)	ND (<0.10)	0.46	ND (<0.10)	ND (<0.098)	0.17	ND (<0.098)	ND (<0.11)	ND (<0.11)	ND (<0.098)	ND (<0.097)	ND (<5.0)

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-7

	NYSDEC TOGS 1.1.1 Guidance Values	Units	06/08/11	10/24/11	04/12/12	10/11/12	04/19/13	10/09/13	04/07/14	10/20/14	04/15/15	10/28/15	04/21/16	10/19/16	04/13/17	10/19/17	04/05/18	10/10/18	04/04/19	10/10/19	06/10/20	10/14/20	04/01/21	10/13/21	04/07/22	10/13/22	04/13/23	10/19/23	04/11/24
BTEX														56.6	26.0	52.1	ND	57.7	43.1	29.9	27.5	32.1	20.2	7.2	15.4	24.4	24.9	25.6	16.6
Benzene	1	µg/L	**160**	**97**	**93**	**59**	**46**	**31**	**29**	**13**	ND (<1.0)	**17 F1**	**29**	**25.0**	**16.6**	**25.3**	ND (<1.0)	**27.1**	**21.7**	**15.6**	**13.5**	**16.4**	**11.8**	**3.9**	**9.4**	**13.2**	**15.2**	**14.7**	**11**
Ethylbenzene	5	µg/L	**210**	**130**	**130**	**61**	**36**	**24**	**7**	4.6	ND (<1.0)	**3.6**	**16**	**7.4**	1.2	**5.2**	ND (<1.0)	2.8	2.7	ND(<1.0)	1.5	ND (<1.0)	ND (<1.0)	3.3	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Toluene	5	µg/L	**5.1**	3.1	3 UB	2.2	2	1.1	1	ND	ND (<1.0)	ND (<1.0)	1.1	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	1.1	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Total Xylenes	5	µg/L	**84**	**40**	**52**	**34**	**30**	**19**	**15**	**6.1**	ND (<2.0)	**13**	**25**	**24.2**	**8.2**	**21.6**	ND (<3.0)	26.7	**18.7**	**14.3**	**12.5**	**15.7**	**8.4**	ND (<3.0)	**6.0**	**11.2**	**9.7**	**10.9**	**5.6**
SVOCs														260.4	15.14	46.2	ND	39.6	19.9	17.8	6.2	22.8	5.8	8.7	1.9	29.2	3.9	16.6	2.4
Acenaphthene	20	µg/L	7.1	**23**	**58 D**	**26 E**	**26**	**45**	18	ND (<0.29)	ND (<0.48)	**30 E**	**40**	**87.5**	0.40	**25.7**	ND (<0.10)	15.4	9.1	11.7	3.6	17.9	2.1	3.2	1.6	**24.1**	3.2	13.9	2.4 J
Acenaphthylene	- -	µg/L	ND (<2.4)	ND (<10)	0.78	1.2	ND (<10)	ND (<10)	ND (<10)	ND (<0.29)	ND (<0.29)	0.39	0.39	0.51	ND (<0.098)	0.45	ND (<0.10)	0.38	0.19	0.23	0.12	0.28	ND (<0.10)	0.41	ND (<0.098)	0.32	0.13	0.25	ND (<5.0)
Anthracene	50	µg/L	ND (<2.4)	ND (<10)	0.1 J	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.49)	ND (<0.48)	0.50 U F2	ND (<0.48)	0.54	ND (<0.098)	0.13	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<0.096)	0.14	ND (<0.098)	ND (<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.098)	ND (<5.0)
Benzo(a)anthracene	0.002	µg/L	2.4 UJ	ND (<1.0)	ND (<0.05)	ND (<0.29)	ND (<0.29)	ND (<0.29)	ND (<0.29)	ND (<0.29)	ND (<0.29)	0.30 U F2	ND (<0.29)	ND (<0.10)	**0.11**	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.098)	ND (<0.11)	ND (<0.096)	**0.21**	**0.30**	ND (<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.098)	ND (<5.0)
Benzo(a)pyrene	ND	µg/L	-	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	0.18	ND (<0.099)	ND (<0.10)	ND (<0.099)	0.13	ND (<0.098)	0.11	ND (<0.096)	0.21	0.26	ND (<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.098)	ND (<5.0)
Benzo(b)fluoranthene	0.002	µg/L	-	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	**0.55**	ND (<0.099)	ND (<0.10)	ND (<0.099)	**0.4**	**0.18**	**0.22**	ND (<0.096)	**0.32**	**0.49**	ND (<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.098)	ND (<5.0)
Benzo(g,h,i)perylene	- -	µg/L	-	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	0.16	ND (<0.099)	ND (<0.10)	ND (<0.099)	0.14	ND (<0.098)	0.11	ND (<0.096)	0.15	0.14	ND (<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.098)	ND (<5.0)
Benzo(k)fluoranthene	0.002	µg/L	-	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	**0.50**	ND (<0.099)	ND (<0.10)	ND (<0.099)	**0.36**	ND (<0.098)	ND (<0.11)	ND (<0.096)	**0.11**	**0.42**	ND (<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.098)	ND (<5.0)
Chrysene	0.002	µg/L	2.4 UJ	ND (<10)	ND (<0.046)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.49)	ND (<0.48)	0.50 U F2	ND (<0.48)	ND (<0.10)	**0.40**	ND (<0.099)	ND (<0.10)	ND (<0.099)	**0.23**	**0.13**	**0.14**	ND (<0.096)	**0.24**	**0.31**	ND (<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.098)	ND (<5.0)
Dibenz(a,h)anthracene	- -	µg/L	-	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.098)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.098)	ND (<0.098)	ND (<0.096)	ND (<0.10)	ND (<0.098)	ND (<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.098)	ND (<5.0)
Fluoranthene	50	µg/L	ND (<2.4)	ND (<10)	ND (<0.065)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.49)	ND (<0.48)	0.50 U F2	ND (<0.48)	0.32	0.83	ND (<0.099)	ND (<0.10)	ND (<0.099)	0.37	0.23	0.20	ND (<0.096)	0.62	0.86	ND (<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.098)	ND (<5.0)
Fluorene	50	µg/L	ND (<2.4)	ND (<10)	8	10 E	ND (<10)	6.4	ND (<10)	1.6	ND (<0.48)	5.3 F2	7.7	10.7	ND (<0.098)	4.0	ND (<0.10)	2.8	1.5	1.9	0.3	2.8	0.18	0.48	0.11	3.5	0.21	1.6	ND (<5.0)
Indeno(1,2,3-cd)pyrene	0.002	µg/L	-	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	**0.13**	ND (<0.099)	ND (<0.10)	ND (<0.099)	**0.12**	ND (<0.098)	ND (<0.11)	ND (<0.096)	**0.13**	**0.13**	ND (<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.098)	ND (<5.0)
2-Methylnapthalene	- -	µg/L	-	-	-	-	-	-	-	-	-	-	-	5.5	ND (<0.098)	1.5	ND (<0.10)	2.7	0.65	0.62	ND (<0.11)	0.22	ND (<0.10)	ND (<0.098)	ND (<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.098)	-
Naphthalene	10	µg/L	**160**	**83**	**91 D**	**19 E**	**71**	**18**	**77**	1.6	ND (<0.95)	**12 F2 F1**	**73**	**152**	10.90	**13.5**	ND (<0.10)	**17.9**	**6.0**	**2.2**	**1.3**	0.99	0.39	0.85	0.19	0.64	0.38	0.62	ND (<5.0)
Phenanthrene	50	µg/L	ND (<2.4)	ND (<10)	0.48 J	1.4	ND (<10)	ND (<10)	ND (<10)	0.27J	ND (<0.19)	1.1 F2 F1	1.9	3.0	0.41	0.75	ND (<0.10)	0.45	0.42	0.37	ND (<0.11)	0.62	0.50	ND (<0.098)	ND (<0.098)	0.59	ND (<0.097)	0.18	ND (<5.0)
Pyrene	50	µg/L	ND (<2.4)	ND (<10)	ND (<0.062)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.49)	ND (<0.48)	0.50 U F2 F1	ND (<0.48)	0.35	0.57	0.12	ND (<0.10)	ND (<0.099)	0.29	0.20	0.16	ND (<0.096)	0.45	0.86	ND (<0.098)	ND (<0.10)	ND (<0.097)	ND (<0.098)	ND (<5.0)

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-8

	NYSDEC TOGS 1.1.1 Guidance Values	Units	10/25/11	04/12/12	10/11/12	04/19/13	10/09/13	04/07/14	10/20/14	04/15/15	10/28/15	04/21/16	10/19/16	04/13/17	10/19/17	04/05/18	10/10/18	04/04/19	10/10/19	06/10/20	10/14/20	04/01/21	10/13/21	04/07/22	10/13/22	04/13/23	10/19/23	04/11/24
BTEX												ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	1	µg/L	ND (<1.0)	ND (<0.41)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Ethylbenzene	5	µg/L	ND (<1.0)	ND (<0.74)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Toluene	5	µg/L	ND (<1.0)	ND (<0.51)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Total Xylenes	5	µg/L	ND (<3.0)	ND (<0.66)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<2.0)
SVOCs												ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	20	µg/L	ND (<10)	ND (<0.086)	ND (<0.47)	ND (<10)	ND (<10)	ND (<10)	ND (<0.52)	ND (<0.52)	ND (<0.51)	ND (<0.51)	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<0.098)	ND (<0.10)	ND (<5.0)
Acenaphthylene	- -	µg/L	ND (<10)	ND (<0.053)	ND (<0.28)	ND (<10)	ND (<10)	ND (<10)	ND (<0.31)	ND (<0.31)	ND (<0.31)	ND (<0.31)	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<0.098)	ND (<0.10)	ND (<5.0)
Anthracene	50	µg/L	ND (<10)	ND (<0.037)	ND (<0.47)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.52)	ND (<0.52)	ND (<0.51)	ND (<0.51)	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<0.098)	ND (<0.10)	ND (<5.0)
Benzo(a)anthracene	0.002	µg/L	ND (<1.0)	ND (<0.043)	ND (<0.28)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.31)	ND (<0.31)	ND (<0.31)	ND (<0.31)	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<0.098)	ND (<0.10)	ND (<5.0)
Benzo(a)pyrene	ND	µg/L	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<0.098)	ND (<0.10)	ND (<5.0)
Benzo(b)fluoranthene	0.002	µg/L	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<0.098)	ND (<0.10)	ND (<5.0)
Benzo(g,h,i)perylene	- -	µg/L	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<0.098)	ND (<0.10)	ND (<5.0)
Benzo(k)fluoranthene	0.002	µg/L	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<0.098)	ND (<0.10)	ND (<5.0)
Chrysene	0.002	µg/L	ND (<10)	ND (<0.04)	ND (<0.47)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.52)	ND (<0.52)	ND (<0.51)	ND (<0.51)	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<0.098)	ND (<0.10)	ND (<5.0)
Dibenz(a,h)anthracene	- -	µg/L	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<0.098)	ND (<0.10)	ND (<5.0)
Fluoranthene	50	µg/L	ND (<10)	ND (<0.056)	ND (<0.47)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.52)	ND (<0.52)	ND (<0.51)	ND (<0.51)	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<0.098)	ND (<0.10)	ND (<5.0)
Fluorene	50	µg/L	ND (<10)	ND (<0.15)	ND (<0.47)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.52)	ND (<0.52)	ND (<0.51)	ND (<0.51)	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<0.098)	ND (<0.10)	ND (<5.0)
Naphthalene	10	µg/L	ND (<10)	ND (<0.05)	ND (<0.95)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<0.098)	ND (<0.10)	ND (<5.0)
Phenanthrene	50	µg/L	ND (<10)	ND (<0.059)	ND (<0.19)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.21)	ND (<0.21)	ND (<0.20)	ND (<0.20)	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<0.098)	ND (<0.10)	ND (<5.0)
Pyrene	50	µg/L	ND (<10)	ND (<0.054)	ND (<0.47)	ND (<0.48)	ND (<0.48)	ND (<0.48)	ND (<0.52)	ND (<0.52)	ND (<0.51)	ND (<0.51)	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.098)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.096)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<0.098)	ND (<0.10)	ND (<5.0)

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-9

	NYSDEC TOGS 1.1.1 Guidance Values	Units	10/24/11	04/12/12	10/11/12	04/19/13	10/09/13	04/07/14	10/20/14	04/15/15	10/28/15	04/21/16	10/19/16	04/13/17	10/19/17	04/05/18	10/10/18	04/04/19	10/10/19	06/10/20	10/14/20	04/01/21	10/13/21	04/07/22	10/13/22	04/13/23	10/19/23	04/11/24
BTEX														ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	1	µg/L	ND (<1.0)	ND (<0.41)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Ethylbenzene	5	µg/L	ND (<1.0)	ND (<0.74)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Toluene	5	µg/L	0.52 J	ND (<0.51)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Total Xylenes	5	µg/L	ND (<3.0)	ND (<0.66)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<2.0)
SVOCs													ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	20	µg/L	ND (<10)	ND (<0.085)	ND (<0.05)	ND (<0.05)	ND (<0.05)	ND (<0.05)	ND (<0.48)	ND (<0.48)	**26**	ND (<0.48)	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.11)	ND (<0.097)	ND (<0.095)	ND (<0.11)	ND (<0.10)	ND (<0.095)	ND (<0.10)	ND (<5.0)
Acenaphthylene	- -	µg/L	ND (<10)	ND (<0.053)	ND (<0.03)	ND (<0.03)	ND (<0.03)	ND (<0.03)	ND (<0.29)	ND (<0.29)	2	ND (<0.29)	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.11)	ND (<0.097)	ND (<0.095)	ND (<0.11)	ND (<0.10)	ND (<0.095)	ND (<0.10)	ND (<5.0)
Anthracene	50	µg/L	ND (<10)	ND (<0.037)	ND (<0.05)	ND (<0.05)	ND (<0.05)	ND (<0.05)	ND (<0.48)	ND (<0.48)	ND (<2.5)	ND (<0.48)	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.11)	ND (<0.097)	ND (<0.095)	ND (<0.11)	ND (<0.10)	ND (<0.095)	ND (<0.10)	ND (<5.0)
Benzo(a)anthracene	0.002	µg/L	ND (<1.0)	ND (<0.043)	ND (<0.03)	ND (<0.03)	ND (<0.03)	ND (<0.03)	ND (<0.29)	ND (<0.29)	ND (<1.5)	ND (<0.29)	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.11)	ND (<0.097)	ND (<0.095)	ND (<0.11)	ND (<0.10)	ND (<0.095)	ND (<0.10)	ND (<5.0)
Benzo(a)pyrene	ND	µg/L	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.11)	ND (<0.097)	ND (<0.095)	ND (<0.11)	ND (<0.10)	ND (<0.095)	ND (<0.10)	ND (<5.0)
Benzo(b)fluoranthene	0.002	µg/L	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.11)	ND (<0.097)	ND (<0.095)	ND (<0.11)	ND (<0.10)	ND (<0.095)	ND (<0.10)	ND (<5.0)
Benzo(g,h,i)perylene	- -	µg/L	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.11)	ND (<0.097)	ND (<0.095)	ND (<0.11)	ND (<0.10)	ND (<0.095)	ND (<0.10)	ND (<5.0)
Benzo(k)fluoranthene	0.002	µg/L	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.11)	ND (<0.097)	ND (<0.095)	ND (<0.11)	ND (<0.10)	ND (<0.095)	ND (<0.10)	ND (<5.0)
Chrysene	0.002	µg/L	ND (<10)	ND (<0.04)	ND (<0.05)	ND (<0.05)	ND (<0.05)	ND (<0.05)	ND (<0.48)	ND (<0.48)	ND (<2.5)	ND (<0.48)	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.11)	ND (<0.097)	ND (<0.095)	ND (<0.11)	ND (<0.10)	ND (<0.095)	ND (<0.10)	ND (<5.0)
Dibenz(a,h)anthracene	- -	µg/L	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.11)	ND (<0.097)	ND (<0.095)	ND (<0.11)	ND (<0.10)	ND (<0.095)	ND (<0.10)	ND (<5.0)
Fluoranthene	50	µg/L	ND (<10)	ND (<0.056)	ND (<0.05)	ND (<0.05)	ND (<0.05)	ND (<0.05)	ND (<0.48)	ND (<0.48)	ND (<2.5)	ND (<0.48)	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.11)	ND (<0.097)	ND (<0.095)	ND (<0.11)	ND (<0.10)	ND (<0.095)	ND (<0.10)	ND (<5.0)
Fluorene	50	µg/L	ND (<10)	ND (<0.15)	ND (<0.05)	ND (<0.05)	ND (<0.05)	ND (<0.05)	ND (<0.48)	ND (<0.48)	7	ND (<0.48)	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.11)	ND (<0.097)	ND (<0.095)	ND (<0.11)	ND (<0.10)	ND (<0.095)	ND (<0.10)	ND (<5.0)
Indeno(1,2,3-cd)pyrene	0.002	µg/L	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.11)	ND (<0.097)	ND (<0.095)	ND (<0.11)	ND (<0.10)	ND (<0.095)	ND (<0.10)	ND (<5.0)
2-Methylnapthalene	- -	µg/L	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.11)	ND (<0.097)	ND (<0.095)	ND (<0.11)	ND (<0.10)	ND (<0.095)	ND (<0.10)	-
Naphthalene	10	µg/L	ND (<10)	ND (<0.94)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.95)	ND (<0.95)	ND (<5.0)	ND (<0.95)	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.11)	ND (<0.097)	ND (<0.095)	ND (<0.11)	ND (<0.10)	ND (<0.095)	ND (<0.10)	ND (<5.0)
Phenanthrene	50	µg/L	ND (<10)	ND (<0.058)	ND (<0.02)	ND (<0.02)	ND (<0.02)	ND (<0.02)	ND (<0.19)	ND (<0.19)	1.2	ND (<0.19)	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.11)	ND (<0.097)	ND (<0.095)	ND (<0.11)	ND (<0.10)	ND (<0.095)	ND (<0.10)	ND (<5.0)
Pyrene	50	µg/L	ND (<10)	ND (<0.054)	ND (<0.05)	ND (<0.05)	ND (<0.05)	ND (<0.05)	ND (<0.48)	ND (<0.48)	ND (<2.5)	ND (<0.48)	ND (<0.10)	ND (<0.096)	ND (<0.098)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.099)	ND (<0.10)	ND (<0.11)	ND (<0.097)	ND (<0.095)	ND (<0.11)	ND (<0.10)	ND (<0.095)	ND (<0.10)	ND (<5.0)

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-10

	NYSDEC TOGS 1.1.1 Guidance Values	Units	06/08/11	10/24/11	04/13/12	10/11/12	04/19/13	10/09/13	04/07/14	10/20/14	04/15/15	10/28/15	04/21/16	10/19/16	04/13/17	10/19/17	04/05/18	10/10/18	04/04/19	10/10/19	06/10/20	10/14/20	04/01/21	10/13/21	04/07/22	10/13/22	04/13/23	10/19/23	04/11/24
BTEX															6.9	23.5	5.2	8.6	8.2	3.0	13.8	5.3	10.3	33.0	37.3	22.2	ND	ND	10.2
Benzene	1	µg/L	**6.8**	**14**	**12**	**21**	**9.5**	**12**	**5.7**	**2.6**	**4.2**	**6.5**	**6.4**	**7.9**	**3.3**	**8.2**	**1.9**	**3.2**	**3.1**	**1.7**	**5.4**	**2.5**	**3.6**	**16.8**	**9.3**	**9.6**	ND (<1.0)	ND (<1.0)	**6.3**
Ethylbenzene	5	µg/L	**5.3**	**13**	**12**	**31**	**18**	**20**	**10**	ND (<1.0)	4.2	**5.3**	**10**	**13.2**	3.6	**9.6**	3.3	3.3	2.0	1.3	**8.4**	2.8	4.6	ND (<1.0)	**17.4**	**7.0**	ND (<1.0)	ND (<1.0)	2.1
Toluene	5	µg/L	ND (<1.0)	1	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)	ND (<1.0)
Total Xylenes	5	µg/L	**5.8**	**5.6**	**13**	**12**	**6.8**	**6.6**	**4**	ND (<2.0)	2.4	2.5	3.4	**6.6**	ND (<3.0)	**5.7**	ND (<3.0)	2.1	3.1	ND (<3.0)	3.6	ND (<3.0)	2.1	**16.2**	**10.6**	**5.6**	ND (<3.0)	ND (<3.0)	1.8 J
SVOCs														97.6	15.0	37.5	16.5	18.3	13.1	22.8	2.7	12.5	7.7	35.0	39.4	2.21	4.44	2.47	ND
Acenaphthene	20	µg/L	11	**21**	**24 D**	**18 E**	**33**	2.5	**23**	0.30 J	14	ND (<0.48)	**29**	**70.9**	9.5	19.3	9.9	10.8	9.0	14.1	0.4	8.20	4.6	**27.3**	15.6	0.35	0.12	ND (<0.097)	ND (<5.0)
Acenaphthylene	- -	µg/L	0.91	ND (<10)	1.7	1.9	1.5	ND (<10)	ND (<10)	1.1	ND (<4.9)	ND (<0.29)	ND (<0.29)	2.4	0.68	1.8	0.83	1.1	0.58	1.4	0.12	0.82	0.86	0.40	1.2	0.46	0.26	0.10	ND (<5.0)
Anthracene	50	µg/L	ND (<0.48)	ND (<10)	0.4 J	1	ND (<0.47)	0.79	ND (<10)	ND (<0.49)	ND (<2.9)	ND (<0.48)	ND (<0.48)	0.84	0.20	0.44	0.27	0.24	0.16	0.26	ND (<0.097)	0.15	0.14	0.15	0.14	ND (<0.11)	ND (<0.098)	ND (<0.097)	ND (<5.0)
Benzo(a)anthracene	0.002	µg/L	ND (<0.48)	ND (<1.0)	**0.12 J**	**0.37**	ND (<0.28)	ND (<0.28)	ND (<0.28)	ND (<0.30)	ND (<2.9)	ND (<0.29)	ND (<0.29)	**0.20**	ND (<0.096)	**0.62**	ND (<0.10)	0.11	ND (<0.099)	**0.099**	**0.23**	ND (<0.10)	**0.21**	ND (<0.095)	**0.28**	ND (<0.11)	**0.35**	**0.18**	ND (<5.0)
Benzo(a)pyrene	ND	µg/L	-	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	0.43	ND (<0.10)	ND (<0.10)	ND (<0.099)	ND (<0.097)	0.29	ND (<0.10)	0.10	ND (<0.095)	0.29	ND (<0.11)	0.43	0.18	ND (<5.0)
Benzo(b)fluoranthene	0.002	µg/L	-	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	**0.55**	ND (<0.10)	ND (<0.10)	ND (<0.099)	ND (<0.097)	0.28	ND (<0.10)	ND (<0.097)	**0.17**	**0.57**	ND (<0.11)	**0.57**	**0.35**	ND (<5.0)
Benzo(g,h,i)perylene	- -	µg/L	-	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	0.22	ND (<0.10)	ND (<0.10)	ND (<0.099)	ND (<0.097)	0.18	ND (<0.10)	ND (<0.097)	ND (<0.095)	0.23	ND (<0.11)	0.22	0.12	ND (<5.0)
Benzo(k)fluoranthene	0.002	µg/L	-	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	**0.35**	ND (<0.10)	ND (<0.10)	ND (<0.099)	ND (<0.097)	ND (<0.097)	ND (<0.10)	ND (<0.097)	**0.15**	**0.53**	ND (<0.11)	**0.50**	**0.29**	ND (<5.0)
Chrysene	0.002	µg/L	ND (<0.48)	ND (<10)	**0.11 J**	ND (<0.50)	ND (<0.47)	ND (<0.47)	ND (<0.47)	ND (<0.49)	ND (<2.9)	ND (<0.48)	ND (<0.48)	**0.20**	**0.098**	**0.50**	ND (<0.10)	**0.10**	ND (<0.099)	ND (<0.097)	**0.23**	ND (<0.10)	**0.19**	ND (<0.095)	**0.38**	ND (<0.11)	**0.34**	**0.19**	ND (<5.0)
Dibenz(a,h)anthracene	- -	µg/L	-	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	0.19	ND (<0.10)	ND (<0.10)	ND (<0.099)	ND (<0.097)	ND (<0.097)	ND (<0.10)	ND (<0.097)	ND (<0.095)	ND (<0.099)	ND (<0.11)	ND (<0.098)	ND (<0.097)	ND (<5.0)
Fluoranthene	50	µg/L	0.83	ND (<10)	1.1	1.9	ND (<0.47)	2	ND (<10)	1.1 J	ND (<2.9)	ND (<0.48)	ND (<0.48)	2.1	0.83	1.8	1.1	1.1	0.70	1.20	0.34	0.85	1.10	0.18	0.71	0.16	0.70	0.45	ND (<5.0)
Fluorene	50	µg/L	2.1	3.2 J	5.6	7.7	7.2	10	ND (<10)	2.8 J	ND (<2.9)	ND (<0.48)	8.7	9.5	2.6	5.8	2.7	2.6	1.7	2.4	ND (<0.097)	0.67	0.38	4.6	4.1	0.16	ND (<0.098)	ND (<0.097)	ND (<5.0)
Indeno(1,2,3-cd)pyrene	0.002	µg/L	-	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	**0.21**	ND (<0.10)	ND (<0.10)	ND (<0.099)	ND (<0.097)	**0.14**	ND (<0.10)	ND (<0.097)	ND (<0.095)	**0.20**	ND (<0.11)	**0.20**	**0.11**	ND (<5.0)
2-Methylnapthalene	- -	µg/L	-	-	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.10)	ND (<0.10)	ND (<0.099)	ND (<0.097)	ND (<0.097)	ND (<0.10)	ND (<0.097)	ND (<0.095)	ND (<0.099)	ND (<0.11)	ND (<0.098)	ND (<0.097)	-
Naphthalene	10	µg/L	ND (<0.48)	ND (<10)	2.8	4.4	ND (<0.95)	**15**	ND (<0.95)	ND (<0.99)	ND (<2.9)	ND (<0.95)	ND (<0.95)	5.7	ND (<0.096)	2.0	0.16	0.60	ND (<0.099)	1.2	ND (<0.097)	0.54	0.16	0.97	**13.6**	0.90	ND (<0.098)	ND (<0.097)	ND (<5.0)
Phenanthrene	50	µg/L	0.5	ND (<10)	0.76	4.4	ND (<0.19)	5.1	ND (<10)	0.39 J	ND (<2.9)	ND (<0.19)	2.7	3.0	0.10	0.92	0.17	0.16	ND (<0.099)	0.54	ND (<0.097)	0.12	ND (<0.097)	0.89	1.0	ND (<0.11)	0.12	0.13	ND (<5.0)
Pyrene	50	µg/L	0.98	ND (<10)	1.6	2.5	ND (<0.47)	2.5	ND (<10)	0.81 J	ND (<2.9)	ND (<0.48)	ND (<0.48)	2.8	1.0	2.4	1.4	1.5	0.91	1.6	0.42	1.1	ND (<0.097)	0.17	0.58	0.18	0.63	0.37	ND (<5.0)

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-12

	NYSDEC TOGS 1.1.1 Guidance Values	Units	10/25/11	04/13/12	10/11/12	04/19/13	10/09/13	04/07/14	10/20/14	04/15/15	04/21/16	10/19/16	04/13/17	10/19/17	04/05/18	10/10/18	04/04/19	10/10/19	06/10/20	10/14/20	04/01/21	10/13/21	04/07/22	10/13/22	04/13/23	10/19/23	04/11/24
BTEX													79.9	571	86.4	153.0	60.8	94.2	79.3	14.8	219	1.7	1.2	ND	17.3	1.8	1.1
Benzene	1	µg/L	**11**	**130 D**	**2.1**	**150E**	**89**	**89**	**97**	**95**	**84**	**71.9**	**49.0**	**207**	**54.7**	**91.4**	**36.5**	**57.1**	**48.2**	**10.5**	**139**	**1.7**	**1.2**	ND(<1.0)	**12.9**	**1.8**	**1.1**
Ethylbenzene	5	µg/L	0.79 J	**22**	ND (<1.0)	**15**	**7**	**6.7**	**8.2**	**11**	**11**	**11.6**	**8.8**	**115**	**10.4**	**21.1**	**8.5**	**13.4**	**11.7**	2.4	**30.6**	ND (<1.0)	ND (<1.0)	ND(<1.0)	2.7	ND (<1.0)	ND (<1.0)
Toluene	5	µg/L	0.92 J	**36**	ND (<1.0)	**48**	**19**	**17**	**16**	**16**	**13**	**13.1**	**8.3**	**96.3**	**8.7**	**16.4**	**6.1**	**9.1**	**8.1**	1.9	**21.3**	ND (<1.0)	ND (<1.0)	ND(<1.0)	1.7	ND (<1.0)	ND (<1.0)
Total Xylenes	5	µg/L	0.88 J	**24**	ND (<2.0)	**49**	**22**	**22**	**22**	**27**	**21**	**19.9**	**13.8**	**153**	**12.6**	**24.1**	**9.7**	**14.6**	**11.3**	ND (<3.0)	**28.3**	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)
SVOCs												8.7	10.2	25.1	18.1	22.3	10.3	14.8	0.47	16.6	99.6	ND	0.56	0.59	0.93	1.21	ND
Acenaphthene	20	µg/L	ND (<10)	0.89	0.94	1.3	1.7	ND (<0.49)	1.3	ND (<2.4)	1.5	0.46	0.45	2.5	1.1	1.7	0.62	0.96	0.36	2.40	4.9	ND (<0.097)	ND (<0.096)	ND (<0.10)	ND (<0.11)	0.11	ND (<5.0)
Acenaphthylene	- -	µg/L	ND (<10)	0.21 J	ND (<0.29)	0.4	0.41	ND (<0.49)	0.36	ND (<1.5)	0.49	0.16	0.17	0.84	0.33	0.58	0.19	0.31	0.11	0.36	1.4	ND (<0.097)	ND (<0.096)	ND (<0.10)	ND (<0.11)	ND (<0.10)	ND (<5.0)
Anthracene	50	µg/L	ND (<10)	ND (<0.037)	ND (<0.49)	ND (<0.49)	ND (<0.49)	ND (<0.49)	ND (<0.50)	ND (<2.4)	ND (<0.48)	ND (<0.10)	ND (<0.097)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND(<0.099)	ND (<0.098)	ND (<0.097)	0.46	ND(<0.099)	ND (<0.097)	ND (<0.096)	ND (<0.10)	ND (<0.11)	ND (<0.10)	ND (<5.0)
Benzo(a)anthracene	0.002	µg/L	ND (<1.0)	ND (<0.044)	ND (<0.29)	ND (<0.29)	ND (<0.29)	ND (<0.29)	ND (<0.30)	ND (<1.5)	ND (<0.29)	ND (<0.10)	ND (<0.097)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND(<0.099)	ND (<0.098)	ND (<0.097)	**0.23**	ND(<0.099)	ND (<0.097)	ND (<0.096)	ND (<0.10)	ND (<0.11)	ND (<0.10)	ND (<5.0)
Benzo(a)pyrene	ND	µg/L	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.097)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND(<0.099)	ND (<0.098)	ND (<0.097)	0.12	ND(<0.099)	ND (<0.097)	ND (<0.096)	ND (<0.10)	ND (<0.11)	ND (<0.10)	ND (<5.0)
Benzo(b)fluoranthene	0.002	µg/L	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.097)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND(<0.099)	ND (<0.098)	ND (<0.097)	**0.23**	ND(<0.099)	ND (<0.097)	ND (<0.096)	ND (<0.10)	ND (<0.11)	ND (<0.10)	ND (<5.0)
Benzo(g,h,i)perylene	- -	µg/L	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.097)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND(<0.099)	ND (<0.098)	ND (<0.097)	ND (<0.10)	ND(<0.099)	ND (<0.097)	ND (<0.096)	ND (<0.10)	ND (<0.11)	ND (<0.10)	ND (<5.0)
Benzo(k)fluoranthene	0.002	µg/L	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.097)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND(<0.099)	ND (<0.098)	ND (<0.097)	ND (<0.10)	ND(<0.099)	ND (<0.097)	ND (<0.096)	ND (<0.10)	ND (<0.11)	ND (<0.10)	ND (<5.0)
Chrysene	0.002	µg/L	ND (<10)	ND (<0.04)	ND (<0.49)	ND (<0.49)	ND (<0.49)	ND (<0.49)	ND (<0.50)	ND (<2.4)	ND (<0.48)	ND (<0.10)	ND (<0.097)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND(<0.099)	ND (<0.098)	ND (<0.097)	**0.25**	ND(<0.099)	ND (<0.097)	ND (<0.096)	ND (<0.10)	ND (<0.11)	ND (<0.10)	ND (<5.0)
Dibenz(a,h)anthracene	- -	µg/L	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.097)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND(<0.099)	ND (<0.098)	ND (<0.097)	ND (<0.10)	ND(<0.099)	ND (<0.097)	ND (<0.096)	ND (<0.10)	ND (<0.11)	ND (<0.10)	ND (<5.0)
Fluoranthene	50	µg/L	ND (<10)	ND (<0.057)	ND (<0.49)	ND (<0.49)	ND (<0.49)	ND (<0.49)	ND (<0.50)	ND (<2.4)	ND (<0.48)	ND (<0.10)	ND (<0.097)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND(<0.099)	ND (<0.098)	ND (<0.097)	1.0	ND(<0.099)	ND (<0.097)	ND (<0.096)	ND (<0.10)	ND (<0.11)	ND (<0.10)	ND (<5.0)
Fluorene	50	µg/L	ND (<10)	ND (<0.15)	ND (<0.49)	ND (<0.49)	ND (<0.49)	ND (<0.49)	ND (<0.50)	ND (<2.4)	ND (<0.48)	0.10	0.11	0.64	0.27	0.51	0.17	0.28	ND (<0.097)	2.7	1.4	ND (<0.097)	ND (<0.096)	ND (<0.10)	ND (<0.11)	ND (<0.10)	ND (<5.0)
Indeno(1,2,3-cd)pyrene	0.002	µg/L	-	-	-	-	-	-	-	-	-	ND (<0.10)	ND (<0.097)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND(<0.099)	ND (<0.098)	ND (<0.097)	ND (<0.10)	ND(<0.099)	ND (<0.097)	ND (<0.096)	ND (<0.10)	ND (<0.11)	ND (<0.10)	ND (<5.0)
2-Methylnapthalene	- -	µg/L	-	-	-	-	-	-	-	-	-	0.48	0.59	2.0	1.4	2.1	0.81	1.2	ND (<0.097)	0.2	5.4	ND (<0.097)	ND (<0.096)	ND (<0.10)	ND (<0.11)	0.1	-
Naphthalene	10	µg/L	ND (<10)	5.5	5.1	4.1	**27**	**36**	ND (<0.20)	**25**	**23**	7.5	8.9	**18.8**	**14.9**	**17.1**	9.2	**11.9**	ND (<0.097)	1.8	**85.6**	ND (<0.097)	0.56	0.59	0.93	1.0	ND (<5.0)
Phenanthrene	50	µg/L	ND (<10)	ND (<0.059)	ND (<0.19)	0.19	ND (<0.19)	ND (<0.19)	ND (<0.20)	ND (<0.97)	0.2	ND (<0.10)	ND (<0.10)	0.34	0.12	0.31	0.10	0.18	ND (<0.097)	5.7	0.92	ND (<0.097)	ND (<0.096)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<5.0)
Pyrene	50	µg/L	ND (<10)	ND (<0.054)	ND (<0.49)	ND (<0.49)	ND (<0.49)	ND (<0.49)	ND (<0.50)	ND (<2.4)	ND (<0.48)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND(<0.099)	ND (<0.098)	ND (<0.097)	1.1	ND(<0.099)	ND (<0.097)	ND (<0.096)	ND (<0.10)	ND (<0.11)	ND (<0.11)	ND (<5.0)

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

EW-1

	NYSDEC TOGS 1.1.1 Guidance Values	Units	10/11/12	10/09/13	10/20/14	10/30/15	10/19/16	04/13/17	10/19/17	04/05/18	10/10/18	04/04/19	10/10/19	06/10/20	10/14/20	10/13/21	04/07/22	10/13/22	04/13/23	10/19/23
BTEX								104.3	191	104.7	209	131	201	197	301	330	125	214	221	380
Benzene	1	µg/L	**3.4**	**200**	**310**	**28**	**21.6**	**91.5**	**177**	**95.1**	**192**	**114**	**189**	**180**	**284**	**317**	**117**	**202**	**197**	**356**
Ethylbenzene	5	µg/L	ND (<1.0)	**16**	**3.8**	ND (<1.0)	ND (<1.0)	**8.1**	4.2	**6.1**	**7.6**	**10.7**	**4.9**	**11.6**	**5.6**	**2.8**	4.7	1.7	**15.2**	**9.8**
Toluene	5	µg/L	ND (<1.0)	1.8	1.5	ND (<1.0)	ND (<1.0)	ND (<1.0)	1.2	ND (<1.0)	1.6	ND(<1.0)	1.1	ND (<1.0)	2.2	1.8	ND (<1.0)	1.5	1.2	2.6
Total Xylenes	5	µg/L	ND (<2.0)	**8.1**	**7.3**	2.1	ND (<3.0)	4.7	**8.1**	3.5	8.1	6.7	**5.6**	**5.4**	**9.5**	**8.4**	3.4	**8.4**	**7.4**	**11.8**
SVOCs							18.0	2.44	14.0	1.7	17.2	7.6	18.0	5.8	17.9	17.7	0.97	19.8	1.33	35.09
Acenaphthene	20	µg/L	13 E	16	0.97	3.3	9.3	ND (<0.096)	6.2	ND (<0.099)	7.8	4.6	7.9	3.1	8.6	9.5	ND (<0.11)	10.3	ND (<0.099)	18.9
Acenaphthylene	- -	µg/L	1.3	0.88	ND (<0.48)	ND (<0.32)	0.55	1.30	0.76	0.43	1.0	0.46	0.98	0.54	0.86	1.0	0.39	1.3	0.32	1.4
Anthracene	50	µg/L	ND (<0.48)	ND (<0.49)	ND (<0.49)	ND (<0.53)	0.13	ND (<0.096)	0.16	ND (<0.099)	0.24	ND (<0.10)	0.24	ND (<0.10)	0.22	0.24	ND (<0.11)	0.27	ND (<0.099)	0.51
Benzo(a)anthracene	0.002	µg/L	ND (<0.29)	ND (<0.30)	ND (<0.30)	ND (<0.32)	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.099)	**0.10**	ND (<0.10)	**0.11**	ND (<0.10)	ND (<0.098)	ND (<0.096)	ND (<0.11)	ND (<0.11)	ND (<0.099)	**0.11**
Benzo(a)pyrene	ND	µg/L	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.096)	ND (<0.11)	ND (<0.11)	ND (<0.099)	ND (<0.099)
Benzo(b)fluoranthene	0.002	µg/L	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.096)	ND (<0.11)	ND (<0.11)	ND (<0.099)	ND (<0.099)
Benzo(g,h,i)perylene	- -	µg/L	-	-	-	-	0.13	ND (<0.096)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.096)	ND (<0.11)	ND (<0.11)	ND (<0.099)	ND (<0.099)
Benzo(k)fluoranthene	0.002	µg/L	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.096)	ND (<0.11)	ND (<0.11)	ND (<0.099)	ND (<0.099)
Chrysene	0.002	µg/L	ND (<0.48)	ND (<0.49)	ND (<0.49)	ND (<0.53)	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.099)	**0.11**	ND (<0.10)	**0.11**	ND (<0.10)	ND (<0.098)	ND (<0.096)	ND (<0.11)	ND (<0.11)	ND (<0.099)	ND (<0.099)
Dibenz(a,h)anthracene	- -	µg/L	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.096)	ND (<0.11)	ND (<0.11)	ND (<0.099)	ND (<0.099)
Fluoranthene	50	µg/L	4	4.1	2.2	0.93	1.5	0.40	1.5	0.30	1.6	0.63	1.7	0.94	1.2	1.0	0.20	1.1	0.39	1.4
Fluorene	50	µg/L	3	2.2	5.3	ND (<0.53)	3.2	ND (<0.096)	2.6	ND (<0.099)	3.1	1.1	3.4	ND (<0.10)	3.4	3.9	ND (<0.11)	4.2	ND (<0.099)	7.6
Indeno(1,2,3-cd)pyrene	0.002	µg/L	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.096)	ND (<0.11)	ND (<0.11)	ND (<0.099)	ND (<0.099)
2-Methylnapthalene	- -	µg/L	-	-	-	-	ND (<0.10)	ND (<0.096)	ND (<0.099)	ND (<0.099)	ND (<0.10)	ND (<0.10)	ND (<0.097)	ND (<0.10)	ND (<0.098)	ND (<0.096)	ND (<0.11)	ND (<0.11)	ND (<0.099)	ND (<0.099)
Naphthalene	10	µg/L	1.2	ND (<0.99)	2.6	ND (<1.1)	1.1	ND (<0.096)	0.76	ND (<0.099)	0.86	ND (<0.10)	0.87	ND (<0.10)	1.7	0.89	ND (<0.11)	0.87	ND (<0.099)	2.9
Phenanthrene	50	µg/L	0.38	ND (<0.20)	0.23	ND (<0.21)	0.18	ND (<0.096)	0.13	ND (<0.099)	0.26	ND (<0.10)	0.44	ND (<0.10)	0.43	ND (<0.096)	ND (<0.11)	0.21	ND (<0.099)	0.57
Pyrene	50	µg/L	4.5	4.6	2.7	0.68	1.9	0.74	1.9	1.0	2.1	0.79	2.2	1.2	1.5	1.2	0.38	1.5	0.62	1.7

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

2024 Semi-Annual Groundwater Monitoring Report (January through June)
National Grid Fort Plain Former MGP Site
14 Hancock Street, Fort Plain, NY 13339

Total BTEX and SVOCs
units in µg/L

MW-2	06/08/11	10/25/11	04/12/12	10/11/12	04/19/13	10/09/13	04/07/14	10/20/14	04/15/15	10/30/15	04/21/16	10/19/16	04/13/17	10/19/17	04/05/18	10/10/18	04/04/19	10/10/19	06/10/20	10/14/20	04/01/21	10/13/21	04/07/22	10/13/22	04/13/23	10/19/23	04/11/24
Total BTEX	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total SVOCs	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

MW-3	06/08/11	10/25/11	04/12/12	10/11/12	04/19/13	10/09/13	04/07/14	10/20/14	04/15/15	10/28/15	04/21/16	10/19/16	04/13/17	10/19/17	04/05/18	10/10/18	04/04/19	10/10/19	06/10/20	10/14/20	04/01/21	10/13/21	04/07/22	10/13/22	04/13/23	10/19/23	04/11/24
Total BTEX	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total SVOCs	ND	ND	ND	ND	5.32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.12	2.65	ND	0.12	0.70	ND	ND	ND	ND	ND	ND

MW-7	06/08/11	10/25/11	04/12/12	10/11/12	04/19/13	10/09/13	04/07/14	10/20/14	04/15/15	10/28/15	04/21/16	10/19/16	04/13/17	10/19/17	04/05/18	10/10/18	04/04/19	10/10/19	06/10/20	10/14/20	04/01/21	10/13/21	04/07/22	10/13/22	04/13/23	10/19/23	04/11/24
Total BTEX	459	270	278	156	114	75	52	18	ND	34	71	56.6	26.0	52.1	ND	57.7	43.1	29.9	27.5	32.1	20.2	7.2	15.4	24.4	24.9	25.6	16.6
Total SVOCs	167	106	157	58	97	69	95	3.2	ND	49	123	260.4	15.14	46.2	ND	39.6	19.9	17.8	6.2	22.8	5.8	8.7	1.9	29.2	3.9	16.6	2.4

MW-8	06/08/11	10/25/11	04/12/12	10/11/12	04/19/13	10/09/13	04/07/14	10/20/14	04/15/15	10/28/15	04/21/16	10/19/16	04/13/17	10/19/17	04/05/18	10/10/18	04/04/19	10/10/19	06/10/20	10/14/20	04/01/21	10/13/21	04/07/22	10/13/22	04/13/23	10/19/23	04/11/24
Total BTEX	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total SVOCs	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

MW-9	06/08/11	10/25/11	04/12/12	10/11/12	04/19/13	10/09/13	04/07/14	10/20/14	04/15/15	10/28/15	04/21/16	10/19/16	04/13/17	10/19/17	04/05/18	10/10/18	04/04/19	10/10/19	06/10/20	10/14/20	04/01/21	10/13/21	04/07/22	10/13/22	04/13/23	10/19/23	04/11/24
Total BTEX	ND	0.52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total SVOCs	ND	ND	ND	ND	ND	ND	ND	ND	ND	36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

MW-10	06/08/11	10/25/11	04/12/12	10/11/12	04/19/13	10/09/13	04/07/14	10/20/14	04/15/15	10/28/15	04/21/16	10/19/16	04/13/17	10/19/17	04/05/18	10/10/18	04/04/19	10/10/19	06/10/20	10/14/20	04/01/21	10/13/21	04/07/22	10/13/22	04/13/23	10/19/23	04/11/24
Total BTEX	17.9	34	37	64	34	39	20	2.6	10.8	14.3	20	27.7	6.9	23.5	5.2	8.6	8.2	3.0	13.8	5.3	10.3	33.0	37.3	22.2	ND	ND	10.2
Total SVOCs	16	24	38	42	42	38	23	6.2	14	ND	40	97.6	15.0	37.5	16.5	18.3	13.1	22.8	2.7	12.5	7.7	35.0	39.4	2.21	4.44	2.47	ND

MW-12	06/08/11	10/25/11	04/12/12	10/11/12	04/19/13	10/09/13	04/07/14	10/20/14	04/15/15	10/30/15	04/21/16	10/19/16	04/13/17	10/19/17	04/05/18	10/10/18	04/04/19	10/10/19	06/10/20	10/14/20	04/01/21	10/13/21	04/07/22	10/13/22	04/13/23	10/19/23	04/11/24
Total BTEX	234	14	212	2.1	262	137	135	143	149	53.8	129	116.5	79.9	571	86.4	153.0	60.8	94.2	79.3	14.8	219	1.7	1.2	ND	17.3	1.8	1.1
Total SVOCs	ND	ND	6.6	6.0	6.0	29	36	1.7	25	4.6	25.2	8.7	10.2	25.1	18.1	22.3	10.3	14.8	0.47	16.6	99.6	ND	0.56	0.59	0.93	1.21	ND

EW-1	10/11/12	10/09/13	10/20/14	10/30/15	10/19/16	04/13/17	10/19/17	04/05/18	10/10/18	04/04/19	10/10/19	06/10/20	10/14/20	10/13/21	04/07/22	10/13/22	04/13/23	10/19/23
Total BTEX	3.4	226	323	32	21.6	104.3	191	104.7	209	131	201	197	301	330	125	214	221	380
Total SVOCs	27	28	14.0	4.9	18.0	2.44	14.0	1.7	17.2	7.6	18.0	5.8	17.9	17.7	0.97	19.8	1.3	35.09

BTEX - Benzene, Toluene, Ethylbenzene, Xylenes.
SVOC - Semi-Volatile Organic Compounds.
ND - Not Detected.

Appendix A – Field Data and Inspections

National Grid
Former MGP Site, Fort Plain, New York

Sampling Personnel: Ryles Lyon
Job Number: 0603400-133390-221
Well Id. **MW-2**

Date: 4/11/24
Weather: overcast 52
Time In: 1213 Time Out: 1250

Well Information

		TOC	Other
Depth to Water:	(feet)	3.56	
Depth to Bottom:	(feet)	17.81	
Depth to Product:	(feet)	—	
Length of Water Column:	(feet)	14.25	
Volume of Water in Well:	(gal)	2.28	
Three Well Volumes:	(gal)	6.84	

Well Type: Flushmount [X] Stick-Up [ ]
Well Locked: Yes [X] No [ ]
Measuring Point Marked: Yes [X] No [ ]
Well Material: PVC [X] SS [ ] Other: ____
Well Diameter: 1" [ ] 2" [X] Other: ____
Comments:

Purging Information

Purging Method:	Bailer [ ]	Peristaltic [X]	Well Wizard Dedicated Pump [ ]		
Tubing/Bailer Material:	Teflon [ ]	Stainless St. [ ]	Polyethylene [X]	other [ ]	
Sampling Method:	Bailer [X]	Peristaltic [X]	Well Wizard Dedicated Pump [ ]		

Average Pumping Rate:	(ml/min)	200
Duration of Pumping:	(min)	30
Total Volume Removed:	(gal)	2

Did well go dry? Yes [ ] No [X]

Horiba U-52 Water Quality Meter Used? Yes [X] No [ ]

Conversion Factors				
gal/ft. of water	1" ID	2" ID	4" ID	6" ID
	0.04	0.16	0.66	1.47
1 gallon=3.785L=3785mL=1337cu. feet				

Time	DTW (feet)	Temp (°C)	pH (S.U.)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
1215	4.59	10.48	8.80	-126	0.822	0.0	0.00	0.525
1220	6.65	10.53	8.99	-133	0.803	0.0	0.00	0.514
1225	7.85	10.56	9.07	-134	0.799	0.0	0.00	0.511
1230	8.21	10.57	9.11	-134	0.797	0.0	0.00	0.510
1235	8.21	10.58	9.13	-134	0.795	0.0	0.00	0.509
1240	8.21	10.62	9.17	-139	0.790	0.0	0.00	0.505
1245	8.21	10.63	9.20	-138	0.785	0.0	0.00	0.502

Sampling Information:

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

2 - 250 ml amber Yes [X] No [ ]
3 - 40 mL vials Yes [X] No [ ]

Sample ID: **MW-2** Duplicate? Yes [ ] No [X]
Sample Time: 1245 MS/MSD? Yes [ ] No [X]

Shipped: Syracuse Service Center [X]
Fed-Ex [ ] Courier [ ]

Laboratory: Eurofins Amherst, NY

Comments/Notes:

National Grid
Former MGP Site, Fort Plain, New York

Sampling Personnel: Peter Lyon
Job Number: 0603400-133390-221
Well Id. **MW-3**

Date: 4/11/24
Weather: 52 Rain Overcast
Time In: 1124 Time Out: 1200

Well Information

		TOC	Other
Depth to Water:	(feet)	15.84	
Depth to Bottom:	(feet)	18.72	
Depth to Product:	(feet)	-	
Length of Water Column:	(feet)	2.88	
Volume of Water in Well:	(gal)	0.46	
Three Well Volumes:	(gal)	1.38	

Well Type: Flushmount [X] Stick-Up [ ]
Well Locked: Yes [X] No [ ]
Measuring Point Marked: Yes [X] No [ ]
Well Material: PVC [X] SS [ ] Other: ____
Well Diameter: 1" [ ] 2" [X] Other: ____
Comments:

Purging Information

Purging Method:	Bailer [ ]	Peristaltic [X]	Well Wizard Dedicated Pump [ ]		
Tubing/Bailer Material:	Teflon [ ]	Stainless St. [ ]	Polyethylene [X]	other [ ]	
Sampling Method:	Bailer [X]	Peristaltic [X]	Well Wizard Dedicated Pump [ ]		
Average Pumping Rate: (ml/min)	200				
Duration of Pumping: (min)	30				
Total Volume Removed: (gal)	2	Did well go dry?	Yes [ ]	No [X]	

Horiba U-52 Water Quality Meter Used? Yes [X] No [ ]

Conversion Factors				
gal/ft. of water	1" ID	2" ID	4" ID	6" ID
	0.04	0.16	0.66	1.47
1 gallon=3.785L=3785mL=1337cu. feet				

Time	DTW (feet)	Temp (°C)	pH (S.U.)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
1125	16.02	8.61	8.96	110	0.681	0	11.27	0.436
1130	16.17	7.93	9.03	101	0.697	0	11.08	0.446
1135	16.23	7.88	9.02	91	0.701	0	11.02	0.448
1140	16.28	7.86	8.97	92	0.699	0	10.73	0.447
1145	16.32	7.87	8.93	99	0.695	0	9.99	0.444
1150	16.31	7.95	8.87	108	0.691	0	9.33	0.442
1155	16.31	7.92	8.86	109	0.689	0	9.27	0.441

Sampling Information:

EPA SW-846 Method 8270 SVOC PAH's — 2 - 250 ml amber — Yes [X] No [ ]
EPA SW-846 Method 8260 VOC's BTEX — 3 - 40 mL vials — Yes [X] No [ ]

Sample ID: **MW-3**
Sample Time: 1155
Duplicate? Yes [ ] No [X]
MS/MSD? Yes [ ] No [X]

Shipped: Syracuse Service Center [X]
Fed-Ex [ ] Courier [ ]

Laboratory: Eurofins Amherst, NY

Comments/Notes:

National Grid
Former MGP Site, Fort Plain, New York

Sampling Personnel: JL

Job Number: 0603400-133390-221

Well Id. **MW-7**

Date: 4/11/24

Weather: Cloudy 40

Time In: 12:45 Time Out:

Well Information

		TOC	Other
Depth to Water:	(feet)	16.40	
Depth to Bottom:	(feet)	22.72	
Depth to Product:	(feet)	—	
Length of Water Column:	(feet)	6.32	
Volume of Water in Well:	(gal)	1.01	
Three Well Volumes:	(gal)	3.03	

Well Type: Flushmount [X] Stick-Up [ ]
Well Locked: Yes [X] No [ ]
Measuring Point Marked: Yes [X] No [ ]
Well Material: PVC [X] SS [ ] Other: ____
Well Diameter: 1" [ ] 2" [X] Other: ____
Comments:

Purging Information

Purging Method:		Bailer	[ ]	Peristaltic	[X]	Well Wizard Dedicated Pump	[ ]
Tubing/Bailer Material:		Teflon	[ ]	Stainless St.	[ ]	Polyethylene [X]	other [ ]
Sampling Method:		Bailer	[X]	Peristaltic	[X]	Well Wizard Dedicated Pump	[ ]
Average Pumping Rate:	(ml/min)	200					
Duration of Pumping:	(min)	32					
Total Volume Removed:	(gal)	2	Did well go dry?		Yes [ ]	No [X]	

Horiba U-52 Water Quality Meter Used? Yes [X] No [ ]

Conversion Factors				
gal/ft. of water	1" ID	2" ID	4" ID	6" ID
	0.04	0.16	0.66	1.47
1 gallon=3.785L=3785mL=1337cu. feet				

Time	DTW (feet)	Temp (°C)	pH (S.U.)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
12:50	16.53	13.80	7.13	58	2.43	63.1	1.06	1.55
12:55	16.55	13.82	7.32	51	1.95	25.6	0.0	1.18
13:00	16.55	12.84	7.33	51	1.76	18.2	0.0	1.12
13:05	16.55	12.71	7.30	50	1.68	13.1	0.0	1.09
13:10	16.55	12.57	7.24	29	1.48	7.4	0.0	0.948
13:15	16.55	12.55	7.21	7	1.40	6.1	0	.896
13:20	16.55	12.58	7.19	8	1.35	5.5	0	.841

Sampling Information:

EPA SW-846 Method 8270 SVOC PAH's — 6 - 250 ml amber — Yes [X] No [ ]
EPA SW-846 Method 8260 VOC's BTEX — 9 - 40 mL vials — Yes [X] No [ ]

MW-7-MS and MW-7-MSD

Sample ID: MW-7 Duplicate? Yes [ ] No [X]
Sample Time: 13:20 MS? Yes [X] No [ ]

Shipped: Syracuse Service Center [X]
Fed-Ex [ ] Courier [ ]

Laboratory: Eurofins Amherst, NY

Comments/Notes:

National Grid
Former MGP Site, Fort Plain, New York

Sampling Personnel: KR
Job Number: 0603400-133390-221
Well Id. MW-8

Well Information

		TOC	Other
Depth to Water:	(feet)	15.79	
Depth to Bottom:	(feet)	24.52	
Depth to Product:	(feet)	NP	
Length of Water Column:	(feet)	5.73	
Volume of Water in Well:	(gal)	0.916	
Three Well Volumes:	(gal)	2.75	

Well Type:
Well Locked:
Measuring Point Marked:
Well Material:
Well Diameter:
Comments:

Purging Information

Purging Method:		Bailer		Peristaltic	X	Well Wizard Dedicated Pump	
Tubing/Bailer Material:		Teflon		Stainless St.		Polyethylene	X	other	
Sampling Method:		Bailer	X	Peristaltic	X	Well Wizard Dedicated Pump	
Average Pumping Rate:	(ml/min)	200					
Duration of Pumping:	(min)	30					
Total Volume Removed:	(gal)	2					

Horiba U-52 Water Quality Meter Used? Yes X No ☐ Did well go dry? Yes ☐ No X

Conversion Factors				
gal/ft. of water	1" ID	2" ID	4" ID	6" ID
	0.04	0.16	0.66	1.47
1 gallon=3.785L=3785mL=133Tcu. feet				

Time	DTW (feet)	Temp (°C)	pH (S.U.)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
10:35	18.87	13.50	7.31	170	1.10	3.7	6.28	0.702
10:40	18.87	13.20	7.27	173	1.10	2.5	5.75	0.707
10:45	18.87	12.81	7.21	177	1.11	2.1	5.72	0.710
10:50	18.87	12.87	7.22	180	1.10	1.4	5.84	0.705
10:55	18.87	12.55	7.21	183	1.11	1.4	6.06	0.707
11:00	18.87	12.50	7.20	185	1.10	1.8	5.98	0.707
11:05	18.87	12.54	7.18	187	1.10	2.3	5.91	0.705

Sampling Information:

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

Sample ID: MW-8
Sample Time: 11:05

Duplicate? Yes ☐ No X
MS/MSD? Yes ☐ No X

2 - 250 ml amber
3 - 40 mL vials

Yes X No ☐
Yes X No ☐

Shipped: Syracuse Service Center
Fed-Ex ☐ Courier X
Laboratory: Eurofins Amherst, NY

Comments/Notes:

National Grid
Former MGP Site, Fort Plain, New York

Sampling Personnel: K
Job Number: 0603400-133390-221
Well Id. **MW-9**

Date: 4/11/24
Weather: Cloudy 50's
Time In: 11:25 Time Out:

Well Information

		TOC	Other
Depth to Water:	(feet)	20.82	
Depth to Bottom:	(feet)	25.35	
Depth to Product:	(feet)	NP	
Length of Water Column:	(feet)	4.52	
Volume of Water in Well:	(gal)	0.723	
Three Well Volumes:	(gal)	2.14	

Well Type: Flushmount [X] Stick-Up [ ]
Well Locked: Yes [X] No [ ]
Measuring Point Marked: Yes [X] No [ ]
Well Material: PVC [X] SS [ ] Other: ____
Well Diameter: 1" [ ] 2" [X] Other: ____
Comments:

Purging Information

Purging Method:	Bailer [ ]	Peristaltic [X]	Well Wizard Dedicated Pump [ ]		
Tubing/Bailer Material:	Teflon [ ]	Stainless St. [ ]	Polyethylene [X]	other [ ]	
Sampling Method:	Bailer [X]	Peristaltic [X]	Well Wizard Dedicated Pump [ ]		
Average Pumping Rate:	(ml/min)	200			
Duration of Pumping:	(min)	30			
Total Volume Removed:	(gal)	2			

Did well go dry? Yes [ ] No [X]

Horiba U-52 Water Quality Meter Used? Yes [X] No [ ]

Conversion Factors				
gal/ft. of water	1" ID	2" ID	4" ID	6" ID
	0.04	0.16	0.66	1.47
1 gallon=3.785L=3785mL=1337cu. feet				

Time	DTW (feet)	Temp (°C)	pH (S.U.)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
11:25	20.85	13.26	7.10	198	2.42	767	1.90	1.55
11:30	20.85	12.96	7.11	199	2.44	216	0.22	1.55
11:35	20.85	12.75	7.21	196	1.97	52.2	2.66	1.26
11:40	20.85	12.75	7.22	195	1.94	44.7	2.98	1.23
11:45	20.85	12.74	7.23	195	1.90	33.7	3.43	1.21
11:50	20.85	12.77	7.24	194	1.86	12.1	3.84	1.19
11:55	20.85	12.85	7.25	194	1.84	10.2	3.98	1.18

Sampling Information:

EPA SW-846 Method 8270 SVOC PAH's 4 - 250 ml amber Yes [X] No [ ]
EPA SW-846 Method 8260 VOC's BTEX 6 - 40 mL vials Yes [X] No [ ]

Field Duplicate
Sample ID: **MW-9**
Sample Time: 11:55

Duplicate? Yes [X] No [ ]
MS? Yes [ ] No [X]

Shipped: Syracuse Service Center [X]
Fed-Ex [ ] Courier [ ]

Laboratory: Eurofins Amherst, NY

Comments/Notes:

National Grid

National Grid
Former MGP Site, Fort Plain, New York

Sampling Personnel: VK

Job Number: 0603400-133390-221

Well Id. **MW-10**

Date: 4/11/24

Weather: Clear 60

Time In: 1200 Time Out:

Well Information

		TOC	Other
Depth to Water:	(feet)	18.84	
Depth to Bottom:	(feet)	22.92	
Depth to Product:	(feet)		
Length of Water Column:	(feet)	4.08	
Volume of Water in Well:	(gal)	0.652	
Three Well Volumes:	(gal)	1.95	

Well Type: Flushmount [X] Stick-Up [ ]
Well Locked: Yes [X] No [ ]
Measuring Point Marked: Yes [X] No [ ]
Well Material: PVC [X] SS [ ] Other: ____
Well Diameter: 1" [ ] 2" [X] Other: ____
Comments:

Purging Information

Purging Method:		Bailer [ ]	Peristaltic [X]	Well Wizard Dedicated Pump [ ]	
Tubing/Bailer Material:		Teflon [ ]	Stainless St. [ ]	Polyethylene [X]	other [ ]
Sampling Method:		Bailer [X]	Peristaltic [X]	Well Wizard Dedicated Pump [ ]	
Average Pumping Rate:	(ml/min)	200			
Duration of Pumping:	(min)	30			
Total Volume Removed:	(gal)	2			

Did well go dry? Yes [ ] No [X]

Horiba U-52 Water Quality Meter Used? Yes [X] No [ ]

Conversion Factors				
gal/ft. of water	1" ID	2" ID	4" ID	6" ID
	0.04	0.16	0.66	1.47
1 gallon=3.785L=3785mL=1337cu. feet				

Time	DTW (feet)	Temp (°C)	pH (S.U.)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
12:05	20.34	13.02	7.08	106	3.15	907	2.57	2.08
12:10	21.10	13.25	7.09	54	3.18	146	1.38	2.03
12:15	21.18	13.31	7.11	38	2.65	81.1	0.0	1.68
12:20	21.45	13.36	7.12	30	2.46	193	0.0	1.57
12:25	21.55	13.47	7.13	28	2.38	173	0.0	1.53
12:32	21.88	13.46	7.14	30	2.60	173	0.0	1.54
12:35	22.16	13.44	7.14	33	2.60	107	0.0	1.66

Sampling Information:

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

2 - 250 ml amber Yes [X] No [ ]
3 - 40 mL vials Yes [X] No [ ]

Sample ID: MW-10
Sample Time: 12:35

Duplicate? Yes [ ] No [X]
MS/MSD? Yes [ ] No [X]

Shipped: Syracuse Service Center [X]
Fed-Ex [ ] Courier [ ]

Laboratory: Eurofins Amherst, NY

Comments/Notes:

National Grid
Former MGP Site, Fort Plain, New York

Sampling Personnel: Pete Lyon
Job Number: 0603400-133390-221
Well Id. **MW-12**

Date: 4/11/24
Weather: Rain 56°
Time In: 1034 Time Out: 1110

Well Information

		TOC	Other
Depth to Water:	(feet)	2.51	
Depth to Bottom:	(feet)	22.92	
Depth to Product:	(feet)	—	
Length of Water Column:	(feet)	20.41	
Volume of Water in Well:	(gal)	3.26	
Three Well Volumes:	(gal)	9.79	

Well Type: Flushmount [X] Stick-Up [ ]
Well Locked: Yes [X] No [ ]
Measuring Point Marked: Yes [X] No [ ]
Well Material: PVC [X] SS [ ] Other: ____
Well Diameter: 1" [ ] 2" [X] Other: ____
Comments:

Purging Information

Purging Method: Bailer [ ] Peristaltic [X] Well Wizard Dedicated Pump [ ]
Tubing/Bailer Material: Teflon [ ] Stainless St. [ ] Polyethylene [X] other [ ]
Sampling Method: Bailer [X] Peristaltic [X] Well Wizard Dedicated Pump [ ]

Average Pumping Rate:	(ml/min)	200
Duration of Pumping:	(min)	30
Total Volume Removed:	(gal)	2

Did well go dry? Yes [ ] No [X]

Horiba U-52 Water Quality Meter Used? Yes [X] No [ ]

Conversion Factors				
gal/ft. of water	1" ID	2" ID	4" ID	6" ID
	0.04	0.16	0.66	1.47
1 gallon=3.785L=3785mL=1337cu. feet				

Time	DTW (feet) 2.51	Temp (°C)	pH (S.U.)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
1035	~~2.51~~	9.98	8.43	12	0.890	0.0	0.51	0.571
1040	2.51	8.74	8.81	4	0.900	0.0	0.00	0.576
1045	2.51	8.46	9.00	8	0.897	0.0	0.00	0.574
1050	2.51	8.30	9.11	12	0.885	0.0	0.00	0.565
1055	2.51	8.03	9.20	20	0.839	0.0	0.00	0.536
1100	2.51	7.87	9.23	34	0.818	0.0	0.00	0.524
1105	2.51	7.80	9.23	45	0.812	0.0	0.00	0.520

Sampling Information:

PA SW-846 Method 8270 SVOC PAH's
PA SW-846 Method 8260 VOC's BTEX

2 - 250 ml amber Yes [X] No [ ]
3 - 40 mL vials Yes [X] No [ ]

Sample ID: **MW-12**
Sample Time: 1105

Duplicate? Yes [ ] No [X]
MS/MSD? Yes [ ] No [X]

Shipped: Syracuse Service Center [X]
Fed-Ex [ ] Courier [ ]

Laboratory: Eurofins Amherst, NY

Comments/Notes:

National Grid
Former MGP Site
Fort Plain, New York

Semi-Annual Event

Well ID	Sample?	Well Size	DTW	DTP	DTB	Comments
EW-1	Yes	4"	2.48		8.61	Sampled Fall Event Only
MW-2	Yes	2"	3.56		17.81	
MW-3	Yes	2"	15.84		18.72	
MW-6	No	2"	NA	NA	NA	well has been destroyed
MW-7	Yes	2"	16.45		22.72	MS/MSD
MW-8	Yes	2"	18.79		24.52	
MW-9	Yes	2"	20.82		25.35	Field Duplicate
MW-10	Yes	2"	18.84		22.92	
MW-11	No	2"			16.25	
MW-12	Yes	2"	2.51		19.57	

DTW *-depth to water*
DTP *-depth to product*
DTB *-depth to bottom*
NA *-Not Applicable*

CB. 1.43

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Phone (716) 691-7991

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Peter Lyon	Lab PM: Beninati, John	Carrier Tracking No(s):	COC No: 480-192869-40370.1
Client Contact: Tim Beaumont	Phone: ~~607 374 6526~~ QL	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: Groundwater & Environmental Services Inc	PWSID:			Job #:
Address: 6780 Northern Boulevard Suite 100	Due Date Requested:			
City: East Syracuse	TAT Requested (days):			
State, Zip: NY, 13057	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0603400-133390-221-1106			
Email: tbeaumont@gesonline.com	WO #:			
Project Name: Fort Plain Semi-Annual GWS Event Desc: Fort Plain Semi-Annua	Project #: 48027231			
Site: **Fort Plain Semi-Annual GWS**	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, 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)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270D - PAH Semivolatiles	8260C - BTEX - 8260	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	A		
~~EW-1~~			~~G~~	~~Water~~			~~2~~	~~3~~	~~5~~	
MW-2	4/11/24	12:45	G	Water			2	3	5	
MW-3		11:55	G	Water			2	3	5	
MW-7		13:20	G	Water			2	3	5	
MW-7-MS		13:20	G	Water			2	3	5	
MW-7-MSD		13:20	G	Water			2	3	5	
MW-8		11:05	G	Water			2	3	5	
MW-9		11:55	G	Water			2	3	5	
MW-10		12:35	G	Water			2	3	5	
MW-12		11:05	G	Water			2	3	5	
Field Duplicate		13:35	G	Water			2	3	5	
Trip Blank		—		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) **CAT B DELIVERY**

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Peter Lyon (GES)	4/11/24 1515	GES			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

Field Inspection Form
Former MGP Site
Fort Plain, New York

Date: 1/11/2024 Time: 12:30

Technician: Kevin Leo Weather: Cloudy 37

Site Controls		
Fence Condition	Good	COMMENTS:
Main Gate Condition	Good	COMMENTS:
Padlock-NG/GES	Operational	COMMENTS:

General Site Conditions		
Condition of Monitoring Wells	Good	COMMENTS:
Condition of Pavement (Rt. 5S Diner)	Good	COMMENTS:
Evidence of Intrusive Activities	None	COMMENTS:
Evidence of Settlement	None	COMMENTS:

NOTE: Asphalt pavement on surrrounding properties is not part of the Site Remedy.

Former MGP Property Cover system		
Vegetative Growth	None	COMMENTS:
Borrowing or Depressions	None	COMMENTS:
Evidence of Settlement	None	COMMENTS:
Evidence of Sedimentation	None	COMMENTS:
Missing Stone	None	COMMENTS:
Standing Water	None	COMMENTS:
Damage or Failure	None	COMMENTS:

Drainage Swale		
Vegetative Growth	None	COMMENTS:
Evidence of Sedimentation	None	COMMENTS:
Missing Stone	None	COMMENTS:
Standing Water	None	COMMENTS:
Damage or Failure	None	COMMENTS:

Drainage Basin		
Condition of Basin	Good	COMMENTS:
Evidence of Sedimentation	None	COMMENTS:
Depth to Water	5 feet below ground surface	COMMENTS:

Concrete Block Retaining Wall (north of the former MGP property)		
Condition of Wall	Good	COMMENTS:

NOTE: Concrete block retaining wall is not part of the Site Remedy.

Southern Gas Holder Retaining Wall		
Condition of Wall	Good	COMMENTS:

Hillside (west of the former MGP property)		
Condition of Hill	Good	COMMENTS:
Any Obvious Movement	None	COMMENTS:

Site Monitoring Wells	
Well ID	***Location Secure***
EW-1	Yes
MW-2	Yes
MW-3	Yes
MW-6	*Destroyed*
MW-7	Yes
MW-8	Yes
MW-9	Yes
MW-10	Yes
MW-11	Yes
MW-12	Yes

General Comments:

Field Inspection Form
Former MGP Site
Fort Plain, New York

Date: 4/11/2024 Time: 08:45

Technician: Kevin Leo Weather: rain 50

Site Controls		
Fence Condition	Good	COMMENTS:
Main Gate Condition	Good	COMMENTS:
Padlock-NG/GES	Operational	COMMENTS:

General Site Conditions		
Condition of Monitoring Wells	Good	COMMENTS:
Condition of Pavement (Rt. 5S Diner)	Good	COMMENTS:
Evidence of Intrusive Activities	None	COMMENTS:
Evidence of Settlement	None	COMMENTS:

NOTE: Asphalt pavement on surrrounding properties is not part of the Site Remedy.

Former MGP Property Cover system		
Vegetative Growth	None	COMMENTS:
Borrowing or Depressions	None	COMMENTS:
Evidence of Settlement	None	COMMENTS:
Evidence of Sedimentation	None	COMMENTS:
Missing Stone	None	COMMENTS:
Standing Water	None	COMMENTS:
Damage or Failure	None	COMMENTS:

Drainage Swale		
Vegetative Growth	None	COMMENTS:
Evidence of Sedimentation	None	COMMENTS:
Missing Stone	None	COMMENTS:
Standing Water	None	COMMENTS:
Damage or Failure	None	COMMENTS:

Drainage Basin		
Condition of Basin	Good	COMMENTS:
Evidence of Sedimentation	None	COMMENTS:
Depth to Water	1.43 feet below ground surface	COMMENTS:

Concrete Block Retaining Wall (north of the former MGP property)		
Condition of Wall	Good	COMMENTS:

NOTE: Concrete block retaining wall is not part of the Site Remedy.

Southern Gas Holder Retaining Wall		
Condition of Wall	Good	COMMENTS:

Hillside (west of the former MGP property)		
Condition of Hill	Good	COMMENTS:
Any Obvious Movement	None	COMMENTS:

Site Monitoring Wells	
Well ID	***Location Secure***
EW-1	Yes
MW-2	Yes
MW-3	Yes
MW-6	*Destroyed*
MW-7	Yes
MW-8	Yes
MW-9	Yes
MW-10	Yes
MW-12	Yes

General Comments:

MW-11 decommissioned 2/8/2024

Appendix B – Data Usability Summary Report

Groundwater
& Environmental Services, Inc.

202 North Main Street, Kent Square North, Suite 200 • Blacksburg, Virginia 24060 • (866) 756 0788

June 4, 2024

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

RE: Data Usability Summary Report for National Grid - Fort Plain, NY Site Data Package
Eurofins Buffalo Job No. 480-218797-1

Groundwater & Environmental Services, Inc. (GES) reviewed one data package (Laboratory Project Number 480-218797-1) from the Eurofins Buffalo laboratory., for the analysis of groundwater samples collected on April 11, 2024 from monitoring wells located at the National Grid Fort Plain, NY Site. Seven aqueous samples and one field duplicate (MW-9 location) were analyzed for select volatile organics and PAHs. One trip blank was analyzed for select volatile organics. Methodologies utilized are the USEPA SW846 methods 8260C and 8270D by SIM, with additional QC requirements of the NYSDEC ASP.

The data are 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
- Sample Quantitation and Identification

The items listed above which show deficiencies are discussed within the text of this narrative. All of the other items are determined to be acceptable for the DUSR level review.

Table 1. Data Qualifications

Sample ID	Qualifier	Analyte	Reason for qualification
MW-7	UJ-	Chrysene	Low MS/MSD recovery

In summary, sample results are usable as reported. Qualifications are detailed 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 and TCL Volatiles by EPA 8260C/NYSDEC ASP

Sample holding times are met. Surrogate and internal standard recoveries are within required limits. There are no positive detections in the field or laboratory blanks. Calibration recoveries are within project specifications. Field precision was not measured as neither the sample MW-9 nor the duplicate taken at MW-9 location reported concentrations above the detection level. Instrumental tune results were within EPA guidance. Laboratory control samples reported recoveries and relative percent differences within project and laboratory variance.

Matrix spikes reported recoveries are within criteria.

PAHs by EPA8270D/NYSDEC ASP

Sample holding times are met. Surrogate and internal standard recoveries are within required limits with the exception of the following:

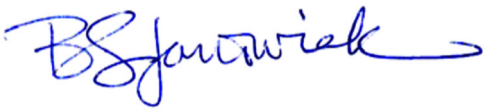
- The surrogate o-terphenyl-d14 recovered low in all the samples. This surrogate recovered within criteria in the laboratory prepared blank and the laboratory prepared, but failed low in the site-sample MW-7 MS/MSD, indicating this is a matrix issue that likely is linked to the site samples.
    - All analytes with the exception of chrysene recovered within specification in the MS/MSD, indicating that the low surrogate is not indicative of an overall low recovery bias. Only chrysene in MW-7 is qualified as estimated with a possible low bias.

Field precision was not measured as neither the sample MW-9 nor he duplicate taken at MW-9 location reported concentrations above the detection level.

Data Package Completeness

Specific 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.



Bonnie Janowiak, Ph.D.
Senior Chemist
701 N Main St, Suite 201
Blacksburg, VA 24060

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: 480-218797-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-218797-1	MW-2	Water	04/11/24 12:45	04/12/24 11:00
480-218797-2	MW-3	Water	04/11/24 11:55	04/12/24 11:00
480-218797-3	MW-7	Water	04/11/24 13:20	04/12/24 11:00
480-218797-4	MW-8	Water	04/11/24 11:05	04/12/24 11:00
480-218797-5	MW-9	Water	04/11/24 11:55	04/12/24 11:00
480-218797-6	MW-10	Water	04/11/24 12:35	04/12/24 11:00
480-218797-7	MW-12	Water	04/11/24 11:05	04/12/24 11:00
480-218797-8	Field Duplicate	Water	04/11/24 13:30	04/12/24 11:00
480-218797-9	Trip Blank	Water	04/11/24 00:00	04/12/24 11:00

Job ID: 480-218797-1 Eurofins Buffalo

Job Narrative
480-218797-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 4/12/2024 11:00 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 time was 3.9°C.

GC/MS VOA
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: Three surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: MW-2 (480-218797-1), MW-3 (480-218797-2), MW-7 (480-218797-3), MW-7-MS (480-218797-3[MS]), MW-7-MSD (480-218797-3[MSD]), MW-8 (480-218797-4), MW-9 (480-218797-5), MW-10 (480-218797-6), MW-12 (480-218797-7) and Field Duplicate (480-218797-8). These results have been reported and qualified.

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Tim Beaumont
Groundwater & Environmental Services Inc
6780 Northern Boulevard
Suite 100
East Syracuse, New York 13057

Generated 4/25/2024 11:29:25 AM

JOB DESCRIPTION

Fort Plain Semi-Annual GW

JOB NUMBER

480-218797-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization

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4/25/2024 11:29:25 AM

Authorized for release by
John Beninati, Project Manager I
John.Beninati@et.eurofinsus.com
(716)504-9874

Table of Contents

Definitions/Glossary

Client: Groundwater & Environmental Services Inc Job ID: 480-218797-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 480-218797-1 Eurofins Buffalo

Job Narrative
480-218797-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 4/12/2024 11:00 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 time was 3.9°C.

GC/MS VOA
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: Three surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: MW-2 (480-218797-1), MW-3 (480-218797-2), MW-7 (480-218797-3), MW-7-MS (480-218797-3[MS]), MW-7-MSD (480-218797-3[MSD]), MW-8 (480-218797-4), MW-9 (480-218797-5), MW-10 (480-218797-6), MW-12 (480-218797-7) and Field Duplicate (480-218797-8). These results have been reported and qualified.

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

Detection Summary

Client: Groundwater & Environmental Services Inc | Job ID: 480-218797-1

Client Sample ID: MW-2 | Lab Sample ID: 480-218797-1

No Detections.

Client Sample ID: MW-3 | Lab Sample ID: 480-218797-2

No Detections.

Client Sample ID: MW-7 | Lab Sample ID: 480-218797-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	11		1.0	0.41	ug/L	1		8260C	Total/NA
m-Xylene & p-Xylene	0.81	J	2.0	0.66	ug/L	1		8260C	Total/NA
o-Xylene	4.8		1.0	0.76	ug/L	1		8260C	Total/NA
Xylenes, Total	5.6		2.0	0.66	ug/L	1		8260C	Total/NA
Total BTEX	17		2.0	1.0	ug/L	1		8260C	Total/NA
Acenaphthene	2.4	J	5.0	0.41	ug/L	1		8270D	Total/NA

Client Sample ID: MW-8 | Lab Sample ID: 480-218797-4

No Detections.

Client Sample ID: MW-9 | Lab Sample ID: 480-218797-5

No Detections.

Client Sample ID: MW-10 | Lab Sample ID: 480-218797-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	6.3		1.0	0.41	ug/L	1		8260C	Total/NA
Ethylbenzene	2.1		1.0	0.74	ug/L	1		8260C	Total/NA
o-Xylene	1.8		1.0	0.76	ug/L	1		8260C	Total/NA
Xylenes, Total	1.8	J	2.0	0.66	ug/L	1		8260C	Total/NA
Total BTEX	10		2.0	1.0	ug/L	1		8260C	Total/NA

Client Sample ID: MW-12 | Lab Sample ID: 480-218797-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.1		1.0	0.41	ug/L	1		8260C	Total/NA
Total BTEX	1.1	J	2.0	1.0	ug/L	1		8260C	Total/NA

Client Sample ID: Field Duplicate | Lab Sample ID: 480-218797-8

No Detections.

Client Sample ID: Trip Blank | Lab Sample ID: 480-218797-9

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-2
Lab Sample ID: 480-218797-1
Date Collected: 04/11/24 12:45
Matrix: Water
Date Received: 04/12/24 11:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			04/15/24 04:03	1
Toluene	ND		1.0	0.51	ug/L			04/15/24 04:03	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/15/24 04:03	1
m-Xylene & p-Xylene	ND		2.0	0.66	ug/L			04/15/24 04:03	1
o-Xylene	ND		1.0	0.76	ug/L			04/15/24 04:03	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/15/24 04:03	1
Total BTEX	ND		2.0	1.0	ug/L			04/15/24 04:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*80 - 120*		*04/15/24 04:03*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*		*04/15/24 04:03*	*1*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*04/15/24 04:03*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 123*		*04/15/24 04:03*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0	0.41	ug/L		04/16/24 09:13	04/17/24 19:52	1
Acenaphthylene	ND		5.0	0.38	ug/L		04/16/24 09:13	04/17/24 19:52	1
Anthracene	ND		5.0	0.28	ug/L		04/16/24 09:13	04/17/24 19:52	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		04/16/24 09:13	04/17/24 19:52	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		04/16/24 09:13	04/17/24 19:52	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		04/16/24 09:13	04/17/24 19:52	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		04/16/24 09:13	04/17/24 19:52	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		04/16/24 09:13	04/17/24 19:52	1
Chrysene	ND		5.0	0.33	ug/L		04/16/24 09:13	04/17/24 19:52	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		04/16/24 09:13	04/17/24 19:52	1
Fluoranthene	ND		5.0	0.40	ug/L		04/16/24 09:13	04/17/24 19:52	1
Fluorene	ND		5.0	0.36	ug/L		04/16/24 09:13	04/17/24 19:52	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		04/16/24 09:13	04/17/24 19:52	1
Naphthalene	ND		5.0	0.76	ug/L		04/16/24 09:13	04/17/24 19:52	1
Phenanthrene	ND		5.0	0.44	ug/L		04/16/24 09:13	04/17/24 19:52	1
Pyrene	ND		5.0	0.34	ug/L		04/16/24 09:13	04/17/24 19:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*63*		*48 - 120*	*04/16/24 09:13*	*04/17/24 19:52*	*1*
Nitrobenzene-d5 (Surr)	*62*		*46 - 120*	*04/16/24 09:13*	*04/17/24 19:52*	*1*
p-Terphenyl-d14 (Surr)	*37*	*S1-*	*60 - 148*	*04/16/24 09:13*	*04/17/24 19:52*	*1*

Client Sample ID: MW-3
Lab Sample ID: 480-218797-2
Date Collected: 04/11/24 11:55
Matrix: Water
Date Received: 04/12/24 11:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			04/15/24 04:26	1
Toluene	ND		1.0	0.51	ug/L			04/15/24 04:26	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/15/24 04:26	1
m-Xylene & p-Xylene	ND		2.0	0.66	ug/L			04/15/24 04:26	1
o-Xylene	ND		1.0	0.76	ug/L			04/15/24 04:26	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/15/24 04:26	1
Total BTEX	ND		2.0	1.0	ug/L			04/15/24 04:26	1

Client Sample ID: MW-3

Lab Sample ID: 480-218797-2

Date Collected: 04/11/24 11:55

Matrix: Water

Date Received: 04/12/24 11:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*95*		*80 - 120*		*04/15/24 04:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*		*04/15/24 04:26*	*1*
4-Bromofluorobenzene (Surr)	*92*		*73 - 120*		*04/15/24 04:26*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 123*		*04/15/24 04:26*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0	0.41	ug/L		04/16/24 09:13	04/17/24 20:20	1
Acenaphthylene	ND		5.0	0.38	ug/L		04/16/24 09:13	04/17/24 20:20	1
Anthracene	ND		5.0	0.28	ug/L		04/16/24 09:13	04/17/24 20:20	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		04/16/24 09:13	04/17/24 20:20	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		04/16/24 09:13	04/17/24 20:20	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		04/16/24 09:13	04/17/24 20:20	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		04/16/24 09:13	04/17/24 20:20	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		04/16/24 09:13	04/17/24 20:20	1
Chrysene	ND		5.0	0.33	ug/L		04/16/24 09:13	04/17/24 20:20	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		04/16/24 09:13	04/17/24 20:20	1
Fluoranthene	ND		5.0	0.40	ug/L		04/16/24 09:13	04/17/24 20:20	1
Fluorene	ND		5.0	0.36	ug/L		04/16/24 09:13	04/17/24 20:20	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		04/16/24 09:13	04/17/24 20:20	1
Naphthalene	ND		5.0	0.76	ug/L		04/16/24 09:13	04/17/24 20:20	1
Phenanthrene	ND		5.0	0.44	ug/L		04/16/24 09:13	04/17/24 20:20	1
Pyrene	ND		5.0	0.34	ug/L		04/16/24 09:13	04/17/24 20:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	*72*		*48 - 120*	*04/16/24 09:13*	*04/17/24 20:20*	*1*
Nitrobenzene-d5 (Surr)	*68*		*46 - 120*	*04/16/24 09:13*	*04/17/24 20:20*	*1*
p-Terphenyl-d14 (Surr)	*41*	*S1-*	*60 - 148*	*04/16/24 09:13*	*04/17/24 20:20*	*1*

Client Sample ID: MW-7

Lab Sample ID: 480-218797-3

Date Collected: 04/11/24 13:20

Matrix: Water

Date Received: 04/12/24 11:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**11**		1.0	0.41	ug/L			04/15/24 04:48	1
Toluene	ND		1.0	0.51	ug/L			04/15/24 04:48	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/15/24 04:48	1
m-Xylene & p-Xylene	**0.81**	**J**	2.0	0.66	ug/L			04/15/24 04:48	1
o-Xylene	**4.8**		1.0	0.76	ug/L			04/15/24 04:48	1
Xylenes, Total	**5.6**		2.0	0.66	ug/L			04/15/24 04:48	1
Total BTEX	**17**		2.0	1.0	ug/L			04/15/24 04:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*96*		*80 - 120*		*04/15/24 04:48*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*77 - 120*		*04/15/24 04:48*	*1*
4-Bromofluorobenzene (Surr)	*92*		*73 - 120*		*04/15/24 04:48*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*04/15/24 04:48*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**2.4**	**J**	5.0	0.41	ug/L		04/16/24 09:13	04/17/24 19:24	1

Client Sample ID: MW-7
Lab Sample ID: 480-218797-3
Date Collected: 04/11/24 13:20
Matrix: Water
Date Received: 04/12/24 11:00

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	ND		5.0	0.38	ug/L		04/16/24 09:13	04/17/24 19:24	1
Anthracene	ND		5.0	0.28	ug/L		04/16/24 09:13	04/17/24 19:24	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		04/16/24 09:13	04/17/24 19:24	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		04/16/24 09:13	04/17/24 19:24	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		04/16/24 09:13	04/17/24 19:24	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		04/16/24 09:13	04/17/24 19:24	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		04/16/24 09:13	04/17/24 19:24	1
Chrysene	ND	F1	5.0	0.33	ug/L		04/16/24 09:13	04/17/24 19:24	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		04/16/24 09:13	04/17/24 19:24	1
Fluoranthene	ND		5.0	0.40	ug/L		04/16/24 09:13	04/17/24 19:24	1
Fluorene	ND		5.0	0.36	ug/L		04/16/24 09:13	04/17/24 19:24	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		04/16/24 09:13	04/17/24 19:24	1
Naphthalene	ND		5.0	0.76	ug/L		04/16/24 09:13	04/17/24 19:24	1
Phenanthrene	ND		5.0	0.44	ug/L		04/16/24 09:13	04/17/24 19:24	1
Pyrene	ND		5.0	0.34	ug/L		04/16/24 09:13	04/17/24 19:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*70*		*48 - 120*	*04/16/24 09:13*	*04/17/24 19:24*	*1*
Nitrobenzene-d5 (Surr)	*68*		*46 - 120*	*04/16/24 09:13*	*04/17/24 19:24*	*1*
p-Terphenyl-d14 (Surr)	*42*	*S1-*	*60 - 148*	*04/16/24 09:13*	*04/17/24 19:24*	*1*

Client Sample ID: MW-8
Lab Sample ID: 480-218797-4
Date Collected: 04/11/24 11:05
Matrix: Water
Date Received: 04/12/24 11:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			04/15/24 05:10	1
Toluene	ND		1.0	0.51	ug/L			04/15/24 05:10	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/15/24 05:10	1
m-Xylene & p-Xylene	ND		2.0	0.66	ug/L			04/15/24 05:10	1
o-Xylene	ND		1.0	0.76	ug/L			04/15/24 05:10	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/15/24 05:10	1
Total BTEX	ND		2.0	1.0	ug/L			04/15/24 05:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*80 - 120*		*04/15/24 05:10*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*04/15/24 05:10*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*04/15/24 05:10*	*1*
Dibromofluoromethane (Surr)	*109*		*75 - 123*		*04/15/24 05:10*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0	0.41	ug/L		04/16/24 09:13	04/17/24 20:48	1
Acenaphthylene	ND		5.0	0.38	ug/L		04/16/24 09:13	04/17/24 20:48	1
Anthracene	ND		5.0	0.28	ug/L		04/16/24 09:13	04/17/24 20:48	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		04/16/24 09:13	04/17/24 20:48	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		04/16/24 09:13	04/17/24 20:48	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		04/16/24 09:13	04/17/24 20:48	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		04/16/24 09:13	04/17/24 20:48	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		04/16/24 09:13	04/17/24 20:48	1
Chrysene	ND		5.0	0.33	ug/L		04/16/24 09:13	04/17/24 20:48	1

Client Sample ID: MW-8
Lab Sample ID: 480-218797-4
Date Collected: 04/11/24 11:05
Matrix: Water
Date Received: 04/12/24 11:00

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		04/16/24 09:13	04/17/24 20:48	1
Fluoranthene	ND		5.0	0.40	ug/L		04/16/24 09:13	04/17/24 20:48	1
Fluorene	ND		5.0	0.36	ug/L		04/16/24 09:13	04/17/24 20:48	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		04/16/24 09:13	04/17/24 20:48	1
Naphthalene	ND		5.0	0.76	ug/L		04/16/24 09:13	04/17/24 20:48	1
Phenanthrene	ND		5.0	0.44	ug/L		04/16/24 09:13	04/17/24 20:48	1
Pyrene	ND		5.0	0.34	ug/L		04/16/24 09:13	04/17/24 20:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*67*		*48 - 120*	*04/16/24 09:13*	*04/17/24 20:48*	*1*
Nitrobenzene-d5 (Surr)	*68*		*46 - 120*	*04/16/24 09:13*	*04/17/24 20:48*	*1*
p-Terphenyl-d14 (Surr)	*31*	*S1-*	*60 - 148*	*04/16/24 09:13*	*04/17/24 20:48*	*1*

Client Sample ID: MW-9
Lab Sample ID: 480-218797-5
Date Collected: 04/11/24 11:55
Matrix: Water
Date Received: 04/12/24 11:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			04/15/24 05:32	1
Toluene	ND		1.0	0.51	ug/L			04/15/24 05:32	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/15/24 05:32	1
m-Xylene & p-Xylene	ND		2.0	0.66	ug/L			04/15/24 05:32	1
o-Xylene	ND		1.0	0.76	ug/L			04/15/24 05:32	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/15/24 05:32	1
Total BTEX	ND		2.0	1.0	ug/L			04/15/24 05:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*80 - 120*		*04/15/24 05:32*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*04/15/24 05:32*	*1*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*04/15/24 05:32*	*1*
Dibromofluoromethane (Surr)	*108*		*75 - 123*		*04/15/24 05:32*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0	0.41	ug/L		04/16/24 09:13	04/17/24 21:16	1
Acenaphthylene	ND		5.0	0.38	ug/L		04/16/24 09:13	04/17/24 21:16	1
Anthracene	ND		5.0	0.28	ug/L		04/16/24 09:13	04/17/24 21:16	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		04/16/24 09:13	04/17/24 21:16	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		04/16/24 09:13	04/17/24 21:16	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		04/16/24 09:13	04/17/24 21:16	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		04/16/24 09:13	04/17/24 21:16	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		04/16/24 09:13	04/17/24 21:16	1
Chrysene	ND		5.0	0.33	ug/L		04/16/24 09:13	04/17/24 21:16	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		04/16/24 09:13	04/17/24 21:16	1
Fluoranthene	ND		5.0	0.40	ug/L		04/16/24 09:13	04/17/24 21:16	1
Fluorene	ND		5.0	0.36	ug/L		04/16/24 09:13	04/17/24 21:16	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		04/16/24 09:13	04/17/24 21:16	1
Naphthalene	ND		5.0	0.76	ug/L		04/16/24 09:13	04/17/24 21:16	1
Phenanthrene	ND		5.0	0.44	ug/L		04/16/24 09:13	04/17/24 21:16	1
Pyrene	ND		5.0	0.34	ug/L		04/16/24 09:13	04/17/24 21:16	1

Client Sample ID: MW-9
Lab Sample ID: 480-218797-5
Date Collected: 04/11/24 11:55
Matrix: Water
Date Received: 04/12/24 11:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	76		48 - 120	04/16/24 09:13	04/17/24 21:16	1
Nitrobenzene-d5 (Surr)	75		46 - 120	04/16/24 09:13	04/17/24 21:16	1
p-Terphenyl-d14 (Surr)	42	S1-	60 - 148	04/16/24 09:13	04/17/24 21:16	1

Client Sample ID: MW-10
Lab Sample ID: 480-218797-6
Date Collected: 04/11/24 12:35
Matrix: Water
Date Received: 04/12/24 11:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**6.3**		1.0	0.41	ug/L			04/15/24 05:55	1
Toluene	ND		1.0	0.51	ug/L			04/15/24 05:55	1
Ethylbenzene	**2.1**		1.0	0.74	ug/L			04/15/24 05:55	1
m-Xylene & p-Xylene	ND		2.0	0.66	ug/L			04/15/24 05:55	1
o-Xylene	**1.8**		1.0	0.76	ug/L			04/15/24 05:55	1
Xylenes, Total	**1.8**	**J**	2.0	0.66	ug/L			04/15/24 05:55	1
Total BTEX	**10**		2.0	1.0	ug/L			04/15/24 05:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		80 - 120		04/15/24 05:55	1
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		04/15/24 05:55	1
4-Bromofluorobenzene (Surr)	97		73 - 120		04/15/24 05:55	1
Dibromofluoromethane (Surr)	98		75 - 123		04/15/24 05:55	1

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0	0.41	ug/L		04/16/24 09:13	04/17/24 21:44	1
Acenaphthylene	ND		5.0	0.38	ug/L		04/16/24 09:13	04/17/24 21:44	1
Anthracene	ND		5.0	0.28	ug/L		04/16/24 09:13	04/17/24 21:44	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		04/16/24 09:13	04/17/24 21:44	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		04/16/24 09:13	04/17/24 21:44	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		04/16/24 09:13	04/17/24 21:44	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		04/16/24 09:13	04/17/24 21:44	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		04/16/24 09:13	04/17/24 21:44	1
Chrysene	ND		5.0	0.33	ug/L		04/16/24 09:13	04/17/24 21:44	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		04/16/24 09:13	04/17/24 21:44	1
Fluoranthene	ND		5.0	0.40	ug/L		04/16/24 09:13	04/17/24 21:44	1
Fluorene	ND		5.0	0.36	ug/L		04/16/24 09:13	04/17/24 21:44	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		04/16/24 09:13	04/17/24 21:44	1
Naphthalene	ND		5.0	0.76	ug/L		04/16/24 09:13	04/17/24 21:44	1
Phenanthrene	ND		5.0	0.44	ug/L		04/16/24 09:13	04/17/24 21:44	1
Pyrene	ND		5.0	0.34	ug/L		04/16/24 09:13	04/17/24 21:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	61		48 - 120	04/16/24 09:13	04/17/24 21:44	1
Nitrobenzene-d5 (Surr)	62		46 - 120	04/16/24 09:13	04/17/24 21:44	1
p-Terphenyl-d14 (Surr)	34	S1-	60 - 148	04/16/24 09:13	04/17/24 21:44	1

Client Sample ID: MW-12
Lab Sample ID: 480-218797-7
Date Collected: 04/11/24 11:05
Matrix: Water
Date Received: 04/12/24 11:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**1.1**		1.0	0.41	ug/L			04/15/24 06:17	1
Toluene	ND		1.0	0.51	ug/L			04/15/24 06:17	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/15/24 06:17	1
m-Xylene & p-Xylene	ND		2.0	0.66	ug/L			04/15/24 06:17	1
o-Xylene	ND		1.0	0.76	ug/L			04/15/24 06:17	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/15/24 06:17	1
Total BTEX	**1.1**	**J**	2.0	1.0	ug/L			04/15/24 06:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*80 - 120*		*04/15/24 06:17*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*04/15/24 06:17*	*1*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*04/15/24 06:17*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*04/15/24 06:17*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0	0.41	ug/L		04/16/24 09:13	04/17/24 22:11	1
Acenaphthylene	ND		5.0	0.38	ug/L		04/16/24 09:13	04/17/24 22:11	1
Anthracene	ND		5.0	0.28	ug/L		04/16/24 09:13	04/17/24 22:11	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		04/16/24 09:13	04/17/24 22:11	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		04/16/24 09:13	04/17/24 22:11	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		04/16/24 09:13	04/17/24 22:11	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		04/16/24 09:13	04/17/24 22:11	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		04/16/24 09:13	04/17/24 22:11	1
Chrysene	ND		5.0	0.33	ug/L		04/16/24 09:13	04/17/24 22:11	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		04/16/24 09:13	04/17/24 22:11	1
Fluoranthene	ND		5.0	0.40	ug/L		04/16/24 09:13	04/17/24 22:11	1
Fluorene	ND		5.0	0.36	ug/L		04/16/24 09:13	04/17/24 22:11	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		04/16/24 09:13	04/17/24 22:11	1
Naphthalene	ND		5.0	0.76	ug/L		04/16/24 09:13	04/17/24 22:11	1
Phenanthrene	ND		5.0	0.44	ug/L		04/16/24 09:13	04/17/24 22:11	1
Pyrene	ND		5.0	0.34	ug/L		04/16/24 09:13	04/17/24 22:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*67*		*48 - 120*	*04/16/24 09:13*	*04/17/24 22:11*	*1*
Nitrobenzene-d5 (Surr)	*68*		*46 - 120*	*04/16/24 09:13*	*04/17/24 22:11*	*1*
p-Terphenyl-d14 (Surr)	*45*	*S1-*	*60 - 148*	*04/16/24 09:13*	*04/17/24 22:11*	*1*

Client Sample ID: Field Duplicate
Lab Sample ID: 480-218797-8
Date Collected: 04/11/24 13:30
Matrix: Water
Date Received: 04/12/24 11:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			04/15/24 06:40	1
Toluene	ND		1.0	0.51	ug/L			04/15/24 06:40	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/15/24 06:40	1
m-Xylene & p-Xylene	ND		2.0	0.66	ug/L			04/15/24 06:40	1
o-Xylene	ND		1.0	0.76	ug/L			04/15/24 06:40	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/15/24 06:40	1
Total BTEX	ND		2.0	1.0	ug/L			04/15/24 06:40	1

Client Sample ID: Field Duplicate
Lab Sample ID: 480-218797-8
Date Collected: 04/11/24 13:30
Matrix: Water
Date Received: 04/12/24 11:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*94*		*80 - 120*		*04/15/24 06:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*		*04/15/24 06:40*	*1*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*04/15/24 06:40*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*04/15/24 06:40*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0	0.41	ug/L		04/16/24 09:13	04/17/24 22:39	1
Acenaphthylene	ND		5.0	0.38	ug/L		04/16/24 09:13	04/17/24 22:39	1
Anthracene	ND		5.0	0.28	ug/L		04/16/24 09:13	04/17/24 22:39	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		04/16/24 09:13	04/17/24 22:39	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		04/16/24 09:13	04/17/24 22:39	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		04/16/24 09:13	04/17/24 22:39	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		04/16/24 09:13	04/17/24 22:39	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		04/16/24 09:13	04/17/24 22:39	1
Chrysene	ND		5.0	0.33	ug/L		04/16/24 09:13	04/17/24 22:39	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		04/16/24 09:13	04/17/24 22:39	1
Fluoranthene	ND		5.0	0.40	ug/L		04/16/24 09:13	04/17/24 22:39	1
Fluorene	ND		5.0	0.36	ug/L		04/16/24 09:13	04/17/24 22:39	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		04/16/24 09:13	04/17/24 22:39	1
Naphthalene	ND		5.0	0.76	ug/L		04/16/24 09:13	04/17/24 22:39	1
Phenanthrene	ND		5.0	0.44	ug/L		04/16/24 09:13	04/17/24 22:39	1
Pyrene	ND		5.0	0.34	ug/L		04/16/24 09:13	04/17/24 22:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	*65*		*48 - 120*	*04/16/24 09:13*	*04/17/24 22:39*	*1*
Nitrobenzene-d5 (Surr)	*63*		*46 - 120*	*04/16/24 09:13*	*04/17/24 22:39*	*1*
p-Terphenyl-d14 (Surr)	*24*	*S1-*	*60 - 148*	*04/16/24 09:13*	*04/17/24 22:39*	*1*

Client Sample ID: Trip Blank
Lab Sample ID: 480-218797-9
Date Collected: 04/11/24 00:00
Matrix: Water
Date Received: 04/12/24 11:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			04/15/24 07:02	1
Toluene	ND		1.0	0.51	ug/L			04/15/24 07:02	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/15/24 07:02	1
m-Xylene & p-Xylene	ND		2.0	0.66	ug/L			04/15/24 07:02	1
o-Xylene	ND		1.0	0.76	ug/L			04/15/24 07:02	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/15/24 07:02	1
Total BTEX	ND		2.0	1.0	ug/L			04/15/24 07:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*94*		*80 - 120*		*04/15/24 07:02*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*77 - 120*		*04/15/24 07:02*	*1*
4-Bromofluorobenzene (Surr)	*90*		*73 - 120*		*04/15/24 07:02*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 123*		*04/15/24 07:02*	*1*

Surrogate Summary

Client: Groundwater & Environmental Services Inc | Job ID: 480-218797-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water | **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DCA	BFB	DBFM
Lab Sample ID	Client Sample ID	(80-120)	(77-120)	(73-120)	(75-123)
480-218797-1	MW-2	94	103	95	104
480-218797-2	MW-3	95	98	92	99
480-218797-3	MW-7	96	95	92	98
480-218797-3 MS	MW-7-MS	97	100	94	104
480-218797-3 MSD	MW-7-MSD	95	95	92	93
480-218797-4	MW-8	98	100	101	109
480-218797-5	MW-9	95	101	96	108
480-218797-6	MW-10	96	99	97	98
480-218797-7	MW-12	93	99	93	98
480-218797-8	Field Duplicate	94	97	93	98
480-218797-9	Trip Blank	94	95	90	99
LCS 480-707644/6	Lab Control Sample	94	94	92	92
MB 480-707644/8	Method Blank	95	100	98	107

Surrogate Legend

TOL = Toluene-d8 (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water | **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPHd14
Lab Sample ID	Client Sample ID	(48-120)	(46-120)	(60-148)
480-218797-1	MW-2	63	62	37 S1-
480-218797-2	MW-3	72	68	41 S1-
480-218797-3	MW-7	70	68	42 S1-
480-218797-3 MS	MW-7-MS	79	89	32 S1-
480-218797-3 MSD	MW-7-MSD	68	79	31 S1-
480-218797-4	MW-8	67	68	31 S1-
480-218797-5	MW-9	76	75	42 S1-
480-218797-6	MW-10	61	62	34 S1-
480-218797-7	MW-12	67	68	45 S1-
480-218797-8	Field Duplicate	65	63	24 S1-
LCS 480-707901/2-A	Lab Control Sample	88	100	94
MB 480-707901/1-A	Method Blank	67	67	72

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-707644/8 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 707644

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			04/15/24 01:05	1
Toluene	ND		1.0	0.51	ug/L			04/15/24 01:05	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/15/24 01:05	1
m-Xylene & p-Xylene	ND		2.0	0.66	ug/L			04/15/24 01:05	1
o-Xylene	ND		1.0	0.76	ug/L			04/15/24 01:05	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/15/24 01:05	1
Total BTEX	ND		2.0	1.0	ug/L			04/15/24 01:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*80 - 120*		*04/15/24 01:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*04/15/24 01:05*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*04/15/24 01:05*	*1*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*04/15/24 01:05*	*1*

Lab Sample ID: LCS 480-707644/6 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 707644

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	25.0	24.6		ug/L		98	71 - 124
Toluene	25.0	24.8		ug/L		99	80 - 122
Ethylbenzene	25.0	24.1		ug/L		96	77 - 123
m-Xylene & p-Xylene	25.0	23.6		ug/L		94	76 - 122
o-Xylene	25.0	23.4		ug/L		94	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*94*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*94*		*77 - 120*
4-Bromofluorobenzene (Surr)	*92*		*73 - 120*
Dibromofluoromethane (Surr)	*92*		*75 - 123*

Lab Sample ID: 480-218797-3 MS — **Client Sample ID: MW-7-MS**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 707644

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	11		25.0	39.4		ug/L		114	71 - 124
Toluene	ND		25.0	27.1		ug/L		108	80 - 122
Ethylbenzene	ND		25.0	27.5		ug/L		110	77 - 123
m-Xylene & p-Xylene	0.81	J	25.0	27.9		ug/L		108	76 - 122
o-Xylene	4.8		25.0	32.8		ug/L		112	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*97*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*
Dibromofluoromethane (Surr)	*104*		*75 - 123*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-218797-3 MSD **Client Sample ID: MW-7-MSD**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 707644

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	11		25.0	36.9		ug/L		104	71 - 124	7	13
Toluene	ND		25.0	26.5		ug/L		106	80 - 122	2	15
Ethylbenzene	ND		25.0	25.2		ug/L		101	77 - 123	9	15
m-Xylene & p-Xylene	0.81	J	25.0	25.8		ug/L		100	76 - 122	8	16
o-Xylene	4.8		25.0	28.6		ug/L		95	76 - 122	14	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*95*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*95*		*77 - 120*
4-Bromofluorobenzene (Surr)	*92*		*73 - 120*
Dibromofluoromethane (Surr)	*93*		*75 - 123*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-707901/1-A **Client Sample ID: Method Blank**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 708093 **Prep Batch: 707901**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0	0.41	ug/L		04/16/24 09:13	04/17/24 17:33	1
Acenaphthylene	ND		5.0	0.38	ug/L		04/16/24 09:13	04/17/24 17:33	1
Anthracene	ND		5.0	0.28	ug/L		04/16/24 09:13	04/17/24 17:33	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		04/16/24 09:13	04/17/24 17:33	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		04/16/24 09:13	04/17/24 17:33	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		04/16/24 09:13	04/17/24 17:33	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		04/16/24 09:13	04/17/24 17:33	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		04/16/24 09:13	04/17/24 17:33	1
Chrysene	ND		5.0	0.33	ug/L		04/16/24 09:13	04/17/24 17:33	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		04/16/24 09:13	04/17/24 17:33	1
Fluoranthene	ND		5.0	0.40	ug/L		04/16/24 09:13	04/17/24 17:33	1
Fluorene	ND		5.0	0.36	ug/L		04/16/24 09:13	04/17/24 17:33	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		04/16/24 09:13	04/17/24 17:33	1
Naphthalene	ND		5.0	0.76	ug/L		04/16/24 09:13	04/17/24 17:33	1
Phenanthrene	ND		5.0	0.44	ug/L		04/16/24 09:13	04/17/24 17:33	1
Pyrene	ND		5.0	0.34	ug/L		04/16/24 09:13	04/17/24 17:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*67*		*48 - 120*	*04/16/24 09:13*	*04/17/24 17:33*	*1*
Nitrobenzene-d5 (Surr)	*67*		*46 - 120*	*04/16/24 09:13*	*04/17/24 17:33*	*1*
p-Terphenyl-d14 (Surr)	*72*		*60 - 148*	*04/16/24 09:13*	*04/17/24 17:33*	*1*

Lab Sample ID: LCS 480-707901/2-A **Client Sample ID: Lab Control Sample**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 708093 **Prep Batch: 707901**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	32.0	29.8		ug/L		93	60 - 120
Acenaphthylene	32.0	27.1		ug/L		85	63 - 120
Anthracene	32.0	33.8		ug/L		106	67 - 120

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-707901/2-A **Client Sample ID: Lab Control Sample**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 708093 **Prep Batch: 707901**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[a]anthracene	32.0	33.0		ug/L		103	70 - 121
Benzo[a]pyrene	32.0	32.5		ug/L		101	60 - 123
Benzo[b]fluoranthene	32.0	32.5		ug/L		102	66 - 126
Benzo[g,h,i]perylene	32.0	30.4		ug/L		95	66 - 150
Benzo[k]fluoranthene	32.0	32.5		ug/L		102	65 - 124
Chrysene	32.0	32.4		ug/L		101	69 - 120
Dibenz(a,h)anthracene	32.0	29.6		ug/L		93	65 - 135
Fluoranthene	32.0	34.7		ug/L		108	69 - 126
Fluorene	32.0	29.7		ug/L		93	66 - 120
Indeno[1,2,3-cd]pyrene	32.0	31.5		ug/L		99	69 - 146
Naphthalene	32.0	29.4		ug/L		92	57 - 120
Phenanthrene	32.0	32.4		ug/L		101	68 - 120
Pyrene	32.0	37.4		ug/L		117	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*88*		*48 - 120*
Nitrobenzene-d5 (Surr)	*100*		*46 - 120*
p-Terphenyl-d14 (Surr)	*94*		*60 - 148*

Lab Sample ID: 480-218797-3 MS **Client Sample ID: MW-7-MS**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 708093 **Prep Batch: 707901**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	2.4	J	32.0	28.3		ug/L		81	48 - 120
Acenaphthylene	ND		32.0	24.8		ug/L		77	63 - 120
Anthracene	ND		32.0	28.2		ug/L		88	65 - 122
Benzo[a]anthracene	ND		32.0	15.9		ug/L		50	43 - 124
Benzo[a]pyrene	ND		32.0	11.7		ug/L		36	23 - 125
Benzo[b]fluoranthene	ND		32.0	12.3		ug/L		38	27 - 127
Benzo[g,h,i]perylene	ND		32.0	9.12		ug/L		29	16 - 147
Benzo[k]fluoranthene	ND		32.0	12.4		ug/L		39	20 - 124
Chrysene	ND	F1	32.0	14.3		ug/L		45	44 - 122
Dibenz(a,h)anthracene	ND		32.0	8.77		ug/L		27	16 - 139
Fluoranthene	ND		32.0	26.1		ug/L		82	63 - 129
Fluorene	ND		32.0	26.5		ug/L		83	62 - 120
Indeno[1,2,3-cd]pyrene	ND		32.0	9.21		ug/L		29	16 - 140
Naphthalene	ND		32.0	25.1		ug/L		79	45 - 120
Phenanthrene	ND		32.0	28.8		ug/L		90	65 - 122
Pyrene	ND		32.0	28.1		ug/L		88	58 - 128

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*79*		*48 - 120*
Nitrobenzene-d5 (Surr)	*89*		*46 - 120*
p-Terphenyl-d14 (Surr)	*32*	*S1-*	*60 - 148*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-218797-3 MSD **Client Sample ID: MW-7-MSD**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 708093 **Prep Batch: 707901**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	2.4	J	32.0	25.5		ug/L		72	48 - 120	10	24
Acenaphthylene	ND		32.0	22.0		ug/L		69	63 - 120	12	18
Anthracene	ND		32.0	25.7		ug/L		80	65 - 122	10	15
Benzo[a]anthracene	ND		32.0	15.0		ug/L		47	43 - 124	6	15
Benzo[a]pyrene	ND		32.0	11.6		ug/L		36	23 - 125	1	15
Benzo[b]fluoranthene	ND		32.0	11.8		ug/L		37	27 - 127	4	15
Benzo[g,h,i]perylene	ND		32.0	9.15		ug/L		29	16 - 147	0	15
Benzo[k]fluoranthene	ND		32.0	11.7		ug/L		37	20 - 124	6	22
Chrysene	ND	F1	32.0	13.5	F1	ug/L		42	44 - 122	5	15
Dibenz(a,h)anthracene	ND		32.0	8.91		ug/L		28	16 - 139	2	15
Fluoranthene	ND		32.0	23.0		ug/L		72	63 - 129	13	15
Fluorene	ND		32.0	24.0		ug/L		75	62 - 120	10	15
Indeno[1,2,3-cd]pyrene	ND		32.0	9.40		ug/L		29	16 - 140	2	15
Naphthalene	ND		32.0	22.5		ug/L		70	45 - 120	11	29
Phenanthrene	ND		32.0	25.6		ug/L		80	65 - 122	12	15
Pyrene	ND		32.0	25.0		ug/L		78	58 - 128	12	19

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*68*		*48 - 120*
Nitrobenzene-d5 (Surr)	*79*		*46 - 120*
p-Terphenyl-d14 (Surr)	*31*	*S1-*	*60 - 148*

GC/MS VOA

Analysis Batch: 707644

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-218797-1	MW-2	Total/NA	Water	8260C	
480-218797-2	MW-3	Total/NA	Water	8260C	
480-218797-3	MW-7	Total/NA	Water	8260C	
480-218797-4	MW-8	Total/NA	Water	8260C	
480-218797-5	MW-9	Total/NA	Water	8260C	
480-218797-6	MW-10	Total/NA	Water	8260C	
480-218797-7	MW-12	Total/NA	Water	8260C	
480-218797-8	Field Duplicate	Total/NA	Water	8260C	
480-218797-9	Trip Blank	Total/NA	Water	8260C	
MB 480-707644/8	Method Blank	Total/NA	Water	8260C	
LCS 480-707644/6	Lab Control Sample	Total/NA	Water	8260C	
480-218797-3 MS	MW-7-MS	Total/NA	Water	8260C	
480-218797-3 MSD	MW-7-MSD	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 707901

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-218797-1	MW-2	Total/NA	Water	3510C	
480-218797-2	MW-3	Total/NA	Water	3510C	
480-218797-3	MW-7	Total/NA	Water	3510C	
480-218797-4	MW-8	Total/NA	Water	3510C	
480-218797-5	MW-9	Total/NA	Water	3510C	
480-218797-6	MW-10	Total/NA	Water	3510C	
480-218797-7	MW-12	Total/NA	Water	3510C	
480-218797-8	Field Duplicate	Total/NA	Water	3510C	
MB 480-707901/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-707901/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-218797-3 MS	MW-7-MS	Total/NA	Water	3510C	
480-218797-3 MSD	MW-7-MSD	Total/NA	Water	3510C	

Analysis Batch: 708093

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-218797-1	MW-2	Total/NA	Water	8270D	707901
480-218797-2	MW-3	Total/NA	Water	8270D	707901
480-218797-3	MW-7	Total/NA	Water	8270D	707901
480-218797-4	MW-8	Total/NA	Water	8270D	707901
480-218797-5	MW-9	Total/NA	Water	8270D	707901
480-218797-6	MW-10	Total/NA	Water	8270D	707901
480-218797-7	MW-12	Total/NA	Water	8270D	707901
480-218797-8	Field Duplicate	Total/NA	Water	8270D	707901
MB 480-707901/1-A	Method Blank	Total/NA	Water	8270D	707901
LCS 480-707901/2-A	Lab Control Sample	Total/NA	Water	8270D	707901
480-218797-3 MS	MW-7-MS	Total/NA	Water	8270D	707901
480-218797-3 MSD	MW-7-MSD	Total/NA	Water	8270D	707901

Lab Chronicle

Client Sample ID: MW-2
Lab Sample ID: 480-218797-1
Date Collected: 04/11/24 12:45
Matrix: Water
Date Received: 04/12/24 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	707644	CC	EET BUF	04/15/24 04:03
Total/NA	Prep	3510C			707901	JMP	EET BUF	04/16/24 09:13
Total/NA	Analysis	8270D		1	708093	JMM	EET BUF	04/17/24 19:52

Client Sample ID: MW-3
Lab Sample ID: 480-218797-2
Date Collected: 04/11/24 11:55
Matrix: Water
Date Received: 04/12/24 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	707644	CC	EET BUF	04/15/24 04:26
Total/NA	Prep	3510C			707901	JMP	EET BUF	04/16/24 09:13
Total/NA	Analysis	8270D		1	708093	JMM	EET BUF	04/17/24 20:20

Client Sample ID: MW-7
Lab Sample ID: 480-218797-3
Date Collected: 04/11/24 13:20
Matrix: Water
Date Received: 04/12/24 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	707644	CC	EET BUF	04/15/24 04:48
Total/NA	Prep	3510C			707901	JMP	EET BUF	04/16/24 09:13
Total/NA	Analysis	8270D		1	708093	JMM	EET BUF	04/17/24 19:24

Client Sample ID: MW-8
Lab Sample ID: 480-218797-4
Date Collected: 04/11/24 11:05
Matrix: Water
Date Received: 04/12/24 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	707644	CC	EET BUF	04/15/24 05:10
Total/NA	Prep	3510C			707901	JMP	EET BUF	04/16/24 09:13
Total/NA	Analysis	8270D		1	708093	JMM	EET BUF	04/17/24 20:48

Client Sample ID: MW-9
Lab Sample ID: 480-218797-5
Date Collected: 04/11/24 11:55
Matrix: Water
Date Received: 04/12/24 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	707644	CC	EET BUF	04/15/24 05:32
Total/NA	Prep	3510C			707901	JMP	EET BUF	04/16/24 09:13
Total/NA	Analysis	8270D		1	708093	JMM	EET BUF	04/17/24 21:16

Client Sample ID: MW-10
Lab Sample ID: 480-218797-6
Date Collected: 04/11/24 12:35
Matrix: Water
Date Received: 04/12/24 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	707644	CC	EET BUF	04/15/24 05:55

Lab Chronicle

Client Sample ID: MW-10
Lab Sample ID: 480-218797-6
Date Collected: 04/11/24 12:35
Matrix: Water
Date Received: 04/12/24 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			707901	JMP	EET BUF	04/16/24 09:13
Total/NA	Analysis	8270D		1	708093	JMM	EET BUF	04/17/24 21:44

Client Sample ID: MW-12
Lab Sample ID: 480-218797-7
Date Collected: 04/11/24 11:05
Matrix: Water
Date Received: 04/12/24 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	707644	CC	EET BUF	04/15/24 06:17
Total/NA	Prep	3510C			707901	JMP	EET BUF	04/16/24 09:13
Total/NA	Analysis	8270D		1	708093	JMM	EET BUF	04/17/24 22:11

Client Sample ID: Field Duplicate
Lab Sample ID: 480-218797-8
Date Collected: 04/11/24 13:30
Matrix: Water
Date Received: 04/12/24 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	707644	CC	EET BUF	04/15/24 06:40
Total/NA	Prep	3510C			707901	JMP	EET BUF	04/16/24 09:13
Total/NA	Analysis	8270D		1	708093	JMM	EET BUF	04/17/24 22:39

Client Sample ID: Trip Blank
Lab Sample ID: 480-218797-9
Date Collected: 04/11/24 00:00
Matrix: Water
Date Received: 04/12/24 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	707644	CC	EET BUF	04/15/24 07:02

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: Groundwater & Environmental Services Inc | Job ID: 480-218797-1

Laboratory: Eurofins Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C		Water	Total BTEX

Method Summary

Client: Groundwater & Environmental Services Inc

Job ID: 480-218797-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	EET BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET BUF
5030C	Purge and Trap	SW846	EET BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Groundwater & Environmental Services Inc
Project/Site:

Job ID: 480-218797-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-218797-1	MW-2	Water	04/11/24 12:45	04/12/24 11:00
480-218797-2	MW-3	Water	04/11/24 11:55	04/12/24 11:00
480-218797-3	MW-7	Water	04/11/24 13:20	04/12/24 11:00
480-218797-4	MW-8	Water	04/11/24 11:05	04/12/24 11:00
480-218797-5	MW-9	Water	04/11/24 11:55	04/12/24 11:00
480-218797-6	MW-10	Water	04/11/24 12:35	04/12/24 11:00
480-218797-7	MW-12	Water	04/11/24 11:05	04/12/24 11:00
480-218797-8	Field Duplicate	Water	04/11/24 13:30	04/12/24 11:00
480-218797-9	Trip Blank	Water	04/11/24 00:00	04/12/24 11:00

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Phone (716) 691-7991

Chain of Custody Record

eurofins | Environment Testing

Syracuse #225

Client Information	Sampler: Peter Lyon	Lab PM: Beninati, John	Carrier Tracking No(s):	COC No: 480-192869-40370.1
Client Contact: Tim Beaumont	Phone: ~~(607) 377-6226~~ PL	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: Groundwater & Environmental Services Inc	PWSID:			Job #:
Address: 6780 Northern Boulevard Suite 100	Due Date Requested:			
City: East Syracuse	TAT Requested (days):			
State, Zip: NY, 13057	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0603400-133390-221-1106			
Email: tbeaumont@gesonline.com	WO #:			
Project Name: Fort Plain Semi-Annual GWS Event Desc: Fort Plain Semi-Annua	Project #: 48027231			
Site: Fort Plain Semi-Annual GWS	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, 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)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270D - PAH Semivolatiles	8260C - BTEX - 8260	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	A		
~~EW-1~~			G	Water			2	3	5	
MW-2	4/11/24	12:45	G	Water			2	3	5	
MW-3		11:55	G	Water			2	3	5	
MW-7		13:20	G	Water			2	3	5	
MW-7-MS		13:20	G	Water			2	3	5	
MW-7-MSD		13:20	G	Water			2	3	5	
MW-8		11:05	G	Water			2	3	5	
MW-9		11:55	G	Water			2	3	5	
MW-10		12:35	G	Water			2	3	5	
MW-12		11:05	G	Water			2	3	5	
Field Duplicate		13:30	G	Water			2	3	5	
Trip Blank		—		Water				3	3	

480-218797 Chain of Custody

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) CAT B DELIVERY

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Peter Lyon (GES)	4/11/24 1615	GES	[signature]	4-11-24 1617	
2	[signature]	4-11-24, 1900		[signature]	4/12/24 1100	TAB
3		Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: #1 3.9

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 480-218797-1

Login Number: 218797
List Number: 1
Creator: Wallace, Cameron

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	GES
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	