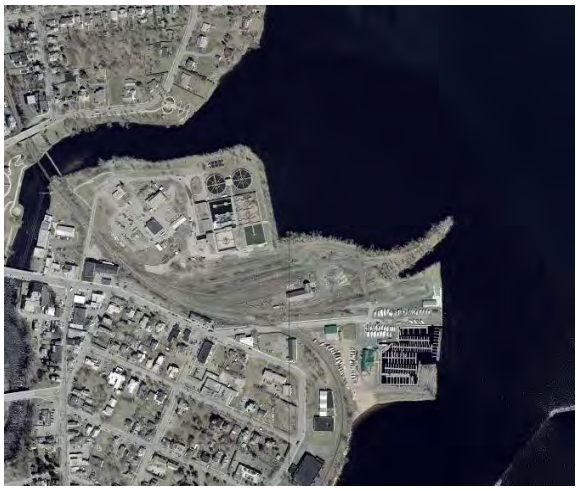
2021
OPERATIONS, MAINTENANCE, AND MONITORING SUMMARY REPORT

Bridge Street
Former Manufactured Gas Plant
Plattsburgh, New York

Prepared for:

NYSEG

NEW YORK STATE ELECTRIC AND GAS CORPORATION



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1.0 INTRODUCTION

On behalf of NYSEG (New York State Electric and Gas Corporation), Parsons Corporation has prepared this *2021 Annual Operation, Maintenance, and Monitoring Summary Report (2021 OM&M Report)* for NYSEG's former Manufactured Gas Plant (MGP) located on Bridge Street in the City of Plattsburgh, Clinton County, New York (Site ID #5-10-016). The site location is shown on Figure 1.

The New York State Department of Environmental Conservation (NYSDEC) and NYSEG entered into an Order of Consent (D0-0002-9309) on March 30, 1994 (the Order). Under this Order, NYSEG agreed to investigate and remediate 33 former MGP sites in New York State. The remedial investigation (RI) of the Plattsburgh-Bridge Street former MGP site has been completed under the Order. The Remedial Investigation Report (RIR), dated January 15, 2004 presented the findings of the RI. In 2001, during the RI, NYSEG conducted an interim remedial measure (IRM) to locate the former gas holder, remove it, and remove impacted soil at and near the site. The NYSDEC approved the RIR on January 20, 2004 and prepared a Proposed Remedial Action Plan (PRAP) for public review and comment. Following the public comment period, the NYSDEC issued its Record of Decision (ROD) in March 2004 that outlined the remedial plan for the site. As specified in the ROD, NYSEG prepared an Operation, Maintenance, & Monitoring Plan (OM&M Plan), which the NYSDEC approved on August 17, 2004.

NYSEG submitted recommendations regarding the OM&M Plan to the NYSDEC after reviewing the historical data for the site in a letter report entitled *Review of Groundwater Monitoring Results and Trend Analysis*, dated August 12, 2010. In a letter from the NYSDEC dated February 7, 2011, the NYSDEC indicated that MW-10B can be removed from the monitoring network and that the analysis of cyanides and phenols will no longer be required.

In a letter from the NYSDEC dated July 24, 2019, the NYSDEC indicated that upon review of the *2018 OM&M Report*, the frequency of groundwater monitoring events would be revised to occur every 36 months.

The activities summarized in this *2021 OM&M Report* were conducted between July 7th and 9th, 2021 in accordance with the approved *OM&M Plan* and the letters from the NYSDEC dated February 7, 2011 and July 24, 2019. Activities include well inspections, water level measurements, Non-Aqueous Phase Liquid (NAPL) observations, and bedrock groundwater sampling.

This *2021 OM&M Report* has six sections. The scope of field activities is summarized in Section 2.0. A summary of the laboratory analytical results is in Section 3.0. A summary of findings is in Section 4.0. Recommendations are in Section 5.0. Section 6.0 lists the references used to prepare this report.

2.0 SCOPE OF WORK

This section describes the activities that were completed during the July 2021 site inspection and sampling event performed in accordance with the March 2004 *ROD*, the NYSDEC-approved *OM&M Plan,* and the NYSDEC response letters dated February 7, 2011 and July 24, 2019. The tasks completed in July 2021 include:

- Task 1 – Well Inspection and NAPL Monitoring; and
- Task 2 – Groundwater Monitoring and Sampling.

The following subsections describe each of these tasks.

2.1 Annual Well Inspection and NAPL Monitoring

Between July 7th and 9th 2021, Parsons measured water levels and check for the presence of NAPL in each well using an electronic oil/water interface probe. The observations are summarized on Table 1.

NAPL was not detected in monitoring wells MW-1B, MW-3B, MW-7BS or MW-7BD, however sheens and/or odors were observed at these locations. NAPL was detected in as blebs in monitoring wells MW-2B, MW-6B, MW-9B, and MW-11B. Observations within bedrock wells are generally consistent when compared to previous sampling events, with the exception of MW-9B. MW-9B had historically shown little indication of NAPL presence, with the exception of monitoring events in 2006 and 2017. Odors, sheens, and DNAPL blebs were observed in MW-9B during the 2021 monitoring event. Historical NAPL observations in bedrock wells are summarized on Table 2.

The monitoring wells and general site conditions were inspected for damage. All groundwater monitoring wells were found to be in good working condition. MW-7BS was missing its well casing plug. General site conditions were similar to the 2020 inspection.

2.2 Groundwater Monitoring and Sampling

Each groundwater monitoring well was purged using new polyethylene disposable bailers. Field parameters including pH, specific conductivity, temperature, and turbidity were monitored during purging. The field parameters were recorded on groundwater purging and sampling forms (Appendix A). All monitoring wells went dry during purging, with the exception of MW-7BS. Monitoring well purge data are summarized on Table 1.

On July 8th and 9th 2021, Parsons collected groundwater samples from eight (8) groundwater monitoring wells (MW-1B, MW-2B, MW-3B, MW-6B, MW-7BD, MW-7BS, MW-9B, and MW-11B). Monitoring well locations are presented on Figure 2. Field duplicate groundwater samples were collected from MW-7BS for quality control purposes.

Groundwater samples were collected within 24 hours of purging using disposable bailers. Groundwater samples were placed into laboratory provided sampling containers to be analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) and polycyclic aromatic hydrocarbons (PAHs). The samples were placed in coolers with sufficient ice to maintain a temperature of 4°C.

Groundwater samples were analyzed at the Eurofins TestAmerica laboratory in Buffalo, NY. All groundwater samples (including the field duplicate) were analyzed for BTEX by USEPA SW-

846 Method 8260 and PAHs by USEPA SW-846 Method 8270D. Chemtech provided a standard analytical summary deliverable package (Appendix B). The laboratory analytical results are discussed in Section 3.0.

3.0 LABORATORY AND ANALYTICAL RESULTS

Analytical results for the bedrock groundwater samples collected on July 8th and 9th 2021 are summarized in Table 3. The well locations are presented on Figure 2. The laboratory analytical report is included in Appendix B. Previous bedrock groundwater analytical results are provided in Appendix C, as summarized in the 2014 OM&M Report prepared by URS.

Benzene, Toluene, Ethylbenzene, and Xylene

Concentrations of total BTEX ranged from not detected in MW-1B and MW-9B to 3,260 micrograms per liter (µg/L) at MW-7BD. A summary of BTEX compounds detected in one or more of the bedrock groundwater samples is provided below.

Summary of BTEX Compounds Detected in Bedrock Groundwater (July 2021)

Compound	Number of Detects (out of 8)	NYSDEC GW Standard* (µg/L)	Number of Exceedences (out of 8)	Maximum Concentration (µg/L)
Benzene	4	1	4	660 at MW-3B
Ethylbenzene	6	5	6	790 at MW-3B
Toluene	6	5	4	670 at MW-7BD
Xylenes, total	6	5	6	1,480 at MW-7BD

Notes:
* NYSDEC Ambient Water Quality Standard (TOGS 1.1.1, NYSDEC, June 2004, Class GA)

The groundwater sample and duplicate sample from MW-7BS were treated as one sample. No BTEX compounds were detected in samples collected from MW-1B or MW-9B.

The highest concentrations of BTEX compounds were detected at MW-7BD. As shown in Appendix C, concentrations of BTEX compounds detected in MW-7BD in July 2021 were comparable to the concentrations detected during the previous sampling events. In addition, the total BTEX concentrations for MW-1B, MW-2B, MW-3B, MW-6B, MW-7BS, MW-9B, and MW-11B were comparable to concentrations detected during previous monitoring events. BTEX detected in MW-1B continues to remain below 5 µg/L, with the exception of one historic sample collected in 2011. Consistent with previous rounds, BTEX compounds were not detected in MW-9B.

Polycyclic Aromatic Hydrocarbons

All groundwater samples (including the field duplicate from MW-9B) were analyzed for PAHs. Concentrations of total PAHs ranged from not detected at MW-1B and MW-9B to 110,805 µg/L at MW-2B. A summary of PAH compounds detected in one or more of the bedrock groundwater samples is provided below.

Summary of PAHs Detected in Bedrock Groundwater (July 2021)

Compound	Number of Detects (out of 8)	NYSDEC GW Standard* (µg/L)	Number of Exceedences (out of 8)	Maximum Concentration (µg/L)
Acenaphthene	6	[20]	4	400 at MW-6B
Acenaphthylene	7	NS	NA	750 at MW-2B
Anthracene	6	[50]	3	500 at MW-6B
Benzo(a)anthracene	5	[0.002]	3	700 at MW-6B
Benzo(a)pyrene	4	ND	4	770 at MW-6B
Benzo(b)fluoranthene	4	[0.002]	4	630 at MW-6B
Benzo(g,h,i)perylene	3	NS	NA	530 at MW-6B
Benzo(k)fluoranthene	3	[0.002]	3	170 at MW-6B (estimated value)
Chrysene	4	[0.002]	4	630 at MW-6B
Dibenz(a,h)anthracene	2	NS	NA	82 at MW-6B
Fluoranthene	6	[50]	3	1,500 at MW-6B
Fluorene	6	[50]	3	330 at MW-2B
Indeno(1,2,3-cd)pyrene	3	0.002	3	340 at MW-6B (estimated value)
Naphthalene	7	[10]	5	5,600 at MW-7BD
Phenanthrene	8	[50]	3	1,500 at MW-2B and MW-7BD
Pyrene	7	NS	NA	1,700 at MW-6B

Notes:
* NYSDEC Ambient Water Quality Standard and Guidance Value (TOGS 1.1.1, NYSDEC, June 2004, Class GA)
NS – No standard
[ ] indicates guidance value

The groundwater sample and duplicate sample from MW-7BS were treated as one sample.

The highest concentrations of total PAHs were detected at MW-2B (10,805 µg/L). However, concentrations of total PAHs detected in MW-2B in July 2021 were generally within the range concentrations detected during previous sampling events. These elevated concentrations are observed following an overall decline from 2008 to 2017. Total PAH concentrations at MW-1B, MW-3B, MW-6B, MW-7BD, MW-7BS, MW-9B, and MW-11B were generally comparable to previous sampling events.

Phenols and Cyanides

Phenols and cyanides were eliminated by the NYSDEC from the list of analytes in the NYSDEC response letter dated February 7, 2011.

4.0 SUMMARY AND CONCLUSTIONS

General Site Conditions

- NAPL was not detected in monitoring wells MW-1B, MW-3B, MW-7BD or MW-7BS, however sheens and/or odors were observed at these locations. NAPL was detected in monitoring wells MW-2B, MW-6B, MW-9B, and MW-11B. Observations within bedrock wells are generally consistent when compared to previous sampling events, with the exception of MW-9B. MW-9B had historically shown little indication of NAPL presence, with the exception of monitoring events in 2006 and 2017. Odors, sheens, and DNAPL blebs were observed in MW-9B during the 2021 monitoring event.

Bedrock Groundwater Samples

- The highest concentrations of BTEX compounds were detected at MW-7BD and were comparable to the concentrations detected during the previous sampling events. In addition, the total BTEX concentrations for MW-1B, MW-2B, MW-3B, MW-6B, MW-7BS, MW-9B, and MW-11B were comparable to concentrations detected during previous monitoring events.
- The highest concentrations of total PAHs were detected at MW-2B (10,805 µg/L). However, concentrations of total PAHs detected in MW-2B in July 2021 were generally within the range concentrations detected during previous sampling events. These elevated concentrations are observed following an overall decline from 2008 to 2017. Total PAH concentrations at MW-1B, MW-3B, MW-6B, MW-7BD, MW-7BS, MW-9B, and MW-11B were generally comparable to previous sampling events.

Concentrations of BTEX and PAHs within each of the onsite monitoring wells continue to be observed within historical ranges, with no historical minimums or maximums observed during the 2021 sampling event.

5.0 RECOMMENDATIONS

Based on the results presented in this *2021 OM&M Report,* Parsons makes the following recommendations.

- NYSEG should continue to conduct OM&M activities in accordance with the approved *OM&M Plan* and the NYSDEC response letter dated July 24, 2019. Activities should include well inspections, water level measurements, NAPL observations, and bedrock groundwater sampling. The next scheduled event will occur in July 2024, which is 36-months after this sampling event.

6.0 REFERENCES

New York State Department of Environmental Conservation, March 2004. *Record of Decision – NYSEG Bridge Street Former MGP Site, Plattsburgh, Clinton County, New York – Site Number 5-10-016*.

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TABLES

Table 1
Summary of Water Levels, NAPL Observations, and Purge Data - July 2021
NYSEG Bridge Street Former MGP Site
Plattsburgh, New York

Well Number	Date	Depth to Water (ft bgs)	Water Elevation (ft msl)	Total Volume Purged (Gallons)	NAPL Observations	Specific Conductivity (mS/cm)[1]	Temperature (°C)[1]	pH[1]	Turbidity (NTU)[1]	Notes
MW-1B	7/8/2021	1.81	103.27	42	No NAPL	0.434	14.63	7.51	212	Purged dry; odor and sheen
MW-2B	7/7/2021	5.34	117.78	36	NAPL	2.62	16.31	10.64	>1000	Purged dry; odor, sheen, and DNAPL blebs
MW-3B	7/8/2021	15.13	109.68	38	No NAPL	1.69	16.79	7.79	73.5	Purged dry, sulfur odor
MW-6B	7/7/2021	15.76	97.82	17	NAPL	1.36	12.86	8.67	223.0	Purged dry; odor, sheen, and DNAPL blebs.
MW-7BS	7/7/2021	4.13	120.83	30	No NAPL	1.09	17.35	8.31	44.3	Odor, faint sheen
MW-7BD	7/7/2021	9.53	116.39	26	No NAPL	1.41	13.65	8.78	502	Purged dry; odor and sheen
MW-9B	7/7/2021	17.83	121.41	12	NAPL	1.09	14.88	9.66	>1000	Purged dry; clear; odor, sheen, and DNAPL blebs.
MW-11B	7/8/2021	4.29	117.38	34	NAPL	1.19	16.13	8.25	78	Purged dry; moderate odor, sheen, and DNAPL blebs

Note:

(1) Field measurements shown are the last reading recorded during well development.

Table 2
Summary of History NAPL Observations - July 2021
NYSEG Bridge Street Former MGP Site
Plattsburgh, New York

Well	Date	Odor	Sheen	Comments
MW-1B	1/10/02	No	No	No indications
	1/24/02	No	No	No indications
	1/28/02	No	No	No indications
	3/6/02	No	No	No indications
	4/10/02	No	No	No indications
	6/7/02	No	No	No indications
	8/22/02	No	No	No indications
	9/23/02	No	No	No indications
	10/16/02	No	No	No indications
	2/25/03	No	No	No indications
	3/6/02	No	No	No indications
	4/16/03	No	No	No indications
	9/22/03	No	No	No indications
	9/14/04	No	No	No indications
	9/20/05	No	No	No indications
	9/11/06	No	No	No indications
	10/16/07	Yes	No	No indications
	10/27/08	No	No	No indications
	12/17/09	No	No	No indications
	3/31/11	No	No	No indications
	7/31/12	Yes	Yes	NAPL, sample dark colored
	6/27/14	No	No	No indications
	9/17/15	No	No	No indications
	4/26/17	No	No	No indications
	7/24/18	Yes	No	Brown and grey turbid water with strong odor
	7/8/21	Yes	Yes	Sheen and Odor
MW-2B	1/10/02	No	No	No indications
	1/29/02	Yes	Yes	Sheen and odor during sampling
	3/6/02	Yes	Yes	LNAPL (Not Measurable)
	4/10/02	Yes	Yes	Product on string (DNAPL)
	6/7/02	Yes	Yes	Trace DNAPL
	8/22/02	Yes	Yes	
	9/23/02	Yes	No	Trace DNAPL
	10/16/02	Yes	Yes	Trace DNAPL
	1/23/03	Yes	Yes	Trace DNAPL
	2/25/03	--	--	Roadbox filled with ice
	4/16/03	Yes	Yes	Trace NAPL
	9/22/03	Yes	Yes	Trace LNAPL
	9/14/04	Yes	Yes	Trace NAPL
	9/20/05	Yes	Yes	Trace NAPL
	9/11/06	Yes	Yes	Trace NAPL
	10/16/07	Yes	Yes	Trace NAPL
	10/27/08	Yes	Yes	Trace NAPL
	12/17/09	Yes	Yes	Trace LNAPL and DNAPL
	3/31/11	Yes	Yes	NAPL
	7/31/12	Yes	Yes	Sheen and odor during sampling
	6/27/14	Yes	Yes	DNAPL
	9/17/15	Yes	Yes	Trace DNAPL
	4/26/17	Yes	Yes	Sweet odor, some NAPL on bailer and on surface
	7/24/18	Yes	Yes	DNAPL on bailer; heavy sheen
	7/7/21	Yes	Yes	Odor, sheen, and DNAPL blebs

Table 2
Summary of History NAPL Observations - July 2021
NYSEG Bridge Street Former MGP Site
Plattsburgh, New York

Well	Date	Odor	Sheen	Comments
MW-3B	10/16/02	No	No	No indications
	1/23/03	No	No	Sulfur odor
	2/25/03	No	No	No indications
	4/16/03	No	No	No indications
	9/22/03	No	No	No indications
	9/14/04	No	No	No indications
	9/20/05	Yes	No	Slight odor
	9/11/06	No	No	Sulfur odor
	10/16/07	No	No	Sewer odor
	10/27/08	Yes	No	Slight odor
	12/17/09	No	No	No indications
	3/31/11	No	No	No indications
	8/1/12	Yes	No	Slight odor
	6/27/14	No	No	No indications
	9/18/15	Yes	Yes	No indications
	4/25/17	No	No	No indications
	7/23/18	Yes	No	Sulfur odor
	7/8/21	Yes	No	Sulfur odor
MW-6B	1/10/02	No	No	No indications
	1/24/02	No	No	No indications
	1/28/02	No	No	No indications
	3/6/02	No	No	No indications
	4/10/02	Yes	No	Very slight odor on string from bottom
	6/7/02	No	No	No indications
	8/22/02	Yes	Yes	Trace
	9/23/02	Yes	No	Slight odor
	10/16/02	Yes	No	Slight odor
	1/23/03	No	No	No indications
	2/25/03	No	No	No indications
	4/16/03	No	No	No indications
	9/22/03	Yes	No	Slight odor
	9/14/04	No	No	No indications
	9/20/05	Yes	Yes	Trace NAPL
	9/12/06	Yes	Yes	Slight odor and sheen
	10/16/07	Yes	Yes	Lots of sediment
	10/27/08	Yes	Yes	NAPL
	12/17/09	Yes	Yes	NAPL
	3/31/11	Yes	Yes	NAPL
	8/1/12	Yes	Yes	Noticeable Product
	6/27/14	Yes	Yes	DNAPL
	9/17/15	Yes	Yes	Trace NAPL
	4/26/17	Yes	Yes	NAPL present
	7/23/18	Yes	Yes	Strong odor; heavy sheen; NAPL present
	7/7/21	Yes	Yes	Odor, sheen, DNAPL blebs

Table 2
Summary of History NAPL Observations - July 2021
NYSEG Bridge Street Former MGP Site
Plattsburgh, New York

Well	Date	Odor	Sheen	Comments
MW-7BD	1/24/02	Yes	Yes	Sheen and odor on bailer
	1/29/02	Yes	Yes	Sheen and odor during sampling
	3/6/02	Yes	Yes	LNAPL (Not Measurable)
	4/10/02	Yes	Yes	Product on string (Not Measurable)
	6/7/02	Yes	No	Trace DNAPL
	8/22/02	Yes	Yes	Trace DNAPL
	9/23/02	Yes	No	Trace DNAPL
	10/16/02	Yes	Yes	Trace DNAPL
	1/23/03	No	No	Trace DNAPL
	2/25/03	No	No	Trace DNAPL
	4/16/03	Yes	Yes	Trace DNAPL
	9/22/03	Yes	Yes	Trace LNAPL, Tar odor on bottom
	9/14/04	Yes	Yes	Trace NAPL
	9/20/05	Yes	Yes	Trace NAPL
	9/11/06	Yes	Yes	Approximately 2.5 liters of NAPL recovered
	10/16/07	Yes	Yes	Trace NAPL
	10/27/08	Yes	Yes	Trace NAPL
	12/17/09	Yes	Yes	Trace NAPL
	3/31/11	Yes	Yes	NAPL
	7/31/12	No	No	No indication
	6/27/14	Yes	Yes	DNAPL
	9/18/15	Yes	Yes	Trace DNAPL
	4/26/17	Yes	Yes	Heavy NAPL odor at bottom
	7/23/18	Yes	Yes	Strong odor; heavy sheen; NAPL present
	7/7/21	Yes	Yes	Odor and sheen
MW-7BS	1/10/02	Yes	Yes	Sheen, odor, unmeasurable NAPL
	1/29/02	Yes	Yes	Trace NAPL during purging
	3/6/02	Yes	Yes	LNAPL (Not Measurable)
	4/10/02	Yes	Yes	Product on string (DNAPL)
	6/7/02	Yes	Yes	Trace DNAPL
	8/22/02	Yes	Yes	Trace DNAPL
	9/23/02	Yes	No	Trace DNAPL
	10/16/02	Yes	Yes	Trace DNAPL
	1/23/03	Yes	Yes	Trace DNAPL
	2/25/03	Yes	Yes	Trace DNAPL
	4/16/03	Yes	Yes	Trace DNAPL
	9/22/03	Yes	Yes	Trace LNAPL
	9/14/04	Yes	No	Tar odor
	9/20/05	Yes	Yes	Trace NAPL
	9/12/06	Yes	Yes	Trace NAPL
	10/16/07	Yes	Yes	Trace NAPL
	10/27/08	Yes	Yes	Trace NAPL
	12/17/09	Yes	Yes	Slight odor and sheen
	3/31/11	Yes	No	odor
	7/31/12	Yes	Yes	odor and sheen
	6/27/14	Yes	Yes	DNAPL
	9/18/15	No	Yes	Trace DNAPL
	4/26/17	No	Yes	No NAPL detected by probe
	7/24/18	Yes	No	Slight odor
	7/7/21	Yes	Yes	Odor and slight sheen

Table 2
Summary of History NAPL Observations - July 2021
NYSEG Bridge Street Former MGP Site
Plattsburgh, New York

Well	Date	Odor	Sheen	Comments
MW-7DD	10/16/02	No	No	No indications
	1/23/03	No	No	No indications
	2/25/03	--	--	Could not locate
	4/16/03	No	No	No indications
	9/22/03	No	No	No indications
	9/14/04	No	No	No indications -Well decommissioned
MW-8B	1/10/02	No	No	No indications
	1/24/02	No	No	No indications
	1/25/02	No	No	No indications
	3/6/02	No	No	No indications
	4/10/02	No	No	No indications
	6/7/02	No	No	No indications
	8/22/02	No	No	No indications
	9/23/02	No	No	No indications
	10/16/02	No	No	No indications
	2/25/03	No	No	No indications
	4/16/03	No	No	No indications
	9/22/03	No	No	No indications
	9/14/04	No	No	No indications -Well decommissioned
MW-8BD	1/10/02	No	No	No indications
	1/24/02	Yes	Yes	Fuel oil type odor
	1/29/02	No	No	No indications
	3/6/02	No	No	No indications
	4/10/02	No	No	No indications
	6/7/02	No	No	No indications
	8/22/02	No	No	No indications
	9/23/02	No	Yes	Slight blue/silver sheen
	10/16/02	No	No	No indications
	1/23/03	No	No	No indications
	2/25/03	No	No	No indications
	4/16/03	No	No	No indications
	9/22/03	No	No	No indications
	9/14/04	No	No	No indications -Well decommissioned
MW-9B	1/10/02	No	No	No indications
	1/24/02	No	No	No indications
	3/6/02	No	No	No indications
	4/10/02	No	No	No indications
	6/7/02	No	No	No indications
	8/22/02	No	No	No indications
	9/23/02	No	No	No indications
	10/16/02	No	No	No indications
	1/23/03	No	No	No indications
	2/25/03	No	No	No indications
	4/16/03	No	No	No indications
	9/22/03	No	No	No indications
	9/14/04	No	No	No indications
	9/20/05	No	No	No indications
	9/12/06	Yes	Yes	Trace NAPL
	10/16/07	No	No	No indications
	10/27/08	No	No	No indications
	12/17/09	No	No	No indications
	3/31/11	No	No	No indications
	8/1/12	No	No	No indications
	6/27/14	No	No	No indications
	9/7/15	No	No	No indications
	4/26/17	Yes	Yes	NAPL odor, but none detected by probe
	7/24/18	No	No	No indiciations
	7/7/21	Yes	Yes	Odor, sheen, DNAPL blebs.

Table 2
Summary of History NAPL Observations - July 2021
NYSEG Bridge Street Former MGP Site
Plattsburgh, New York

Well	Date	Odor	Sheen	Comments
MW-10B	10/16/02	No	No	No indications
	1/23/03	No	No	Sulfur odor
	2/25/03	--	--	Road box filled with ice
	9/14/04	No	No	No indications
	9/20/05	No	No	No indications
	4/16/03	No	No	No indications
	10/16/07	No	No	Strong sewer odor
	10/27/08	No	No	Strong sewer odor
	12/17/09	No	No	Strong sewer odor
MW-11B	1/11/02	No	Yes	Non MGP/iron type sheen noted, no odor
	1/25/02	No	No	No indications
	3/6/02	No	No	No indications
	4/10/02	Yes	No	Slight odor
	6/7/02	Yes	Yes	
	8/22/02	No	No	No indications
	9/23/02	No	No	No indications
	10/16/02	No	No	No indications
	1/23/03	No	No	No indications
	2/25/03	No	No	No indications
	4/16/03	No	No	No indications
	9/22/03	No	No	No indications
	9/14/04	No	No	No indications
	9/20/05	No	No	No indications
	9/11/06	No	No	Septic odor
	10/16/07	No	No	Slight sewer odor
	10/27/08	No	No	No indications
	12/17/09	Yes	Yes	Slight odor and sheen
	3/31/11	Yes	No	odor
	8/1/12	No	Yes	Sheen present
	6/27/14	No	No	No indications
	9/17/15	No	No	No indications
	4/25/17	Yes	Yes	Petroleum odor, oil sheen
	7/24/18	Yes	Yes	Moderate odor; NAPL present
	7/8/21	Yes	Yes	Odor, sheen, and DNAPL blebs
Angle Boring	10/16/02	Yes	Yes	Trace NAPL on probe
	4/16/03	No	No	No accumulation below Packer
		Yes	Yes	Trace NAPL above packer
	9/14/04	Yes	Yes	Trace NAPL above packer -Boring decommissioned

Table 3
Summary of Groundwater Analytical Data - July 2021
NYSEG Bridge Street Former MGP Site
Plattsburgh, New York

				Location ID	MW-11B	MW-1B	MW-2B	MW-3B	MW-6B
				Sample ID	MW-11B_20210709	MW-1B_20210709	MW-2B_20210708	MW-3B_20210708	MW-6B_ 20210708
				Matrix	WG	WG	WG	WG	WG
				Lab Sample ID	480-187037-9	480-187037-8	480-187037-1	480-187037-7	480-187037-2
			NYSDEC	Test Type	INITIAL	INITIAL	INITIAL	INITIAL	INITIAL
			Class GA	Sample Date	7/9/2021	7/9/2021	7/8/2021	7/8/2021	7/8/2021
Method	Cas Rn	Compound	Standard /	Unit					
		Volatiles							
SW8260C	71-43-2	Benzene	1	ug/L	2 U	2 U	69	660	8 U
SW8260C	100-41-4	Ethylbenzene	5	ug/L	6.2	2 U	590	790	9.6
SW8260C	179601-23-1	m,p-Xylene	5	ug/L	11	4 U	850	370	79
SW8260C	95-47-6	O-Xylene (1,2-Dimethylbenzene)	5	ug/L	4.4	2 U	250	250	41
SW8260C	108-88-3	Toluene	5	ug/L	2	2 U	230	150	24
		Total BTEX		ug/L	24	ND U	1989	2220	153.6
		Semi-Volatiles							
SW8270D	83-32-9	Acenaphthene	20 (G)	ug/L	13 J	5 U	230 J	29	400 J
SW8270D	208-96-8	Acenaphthylene	NS	ug/L	13 J	5 U	750	0.75 J	450 J
SW8270D	120-12-7	Anthracene	50 (G)	ug/L	3.9 J	5 U	290	0.4 J	500
SW8270D	56-55-3	Benzo(A)Anthracene	0.002 (G)	ug/L	2 J	5 U	210 J	5 U	700
SW8270D	50-32-8	Benzo(A)Pyrene	NS	ug/L	25 U	5 U	200 J	5 U	770
SW8270D	205-99-2	Benzo(B)Fluoranthene	0.002 (G)	ug/L	25 U	5 U	150 J	5 U	630
SW8270D	191-24-2	Benzo(G,H,I)Perylene	NS	ug/L	25 U	5 U	130 J	5 U	530
SW8270D	207-08-9	Benzo(K)Fluoranthene	0.002 (G)	ug/L	25 U	5 U	54 J	5 U	170 J
SW8270D	218-01-9	Chrysene	0.002 (G)	ug/L	25 U	5 U	190 J	5 U	630
SW8270D	53-70-3	Dibenz(A,H)Anthracene	NS	ug/L	25 U	5 U	250 U	5 U	82 J
SW8270D	206-44-0	Fluoranthene	50 (G)	ug/L	3.6 J	5 U	610	5 U	1500
SW8270D	86-73-7	Fluorene	50 (G)	ug/L	6 J	5 U	330	4.5 J	310 J
SW8270D	193-39-5	Indeno(1,2,3-C,D)Pyrene	0.002	ug/L	25 U	5 U	81 J	5 U	340 J
SW8270D	91-20-3	Naphthalene	10	ug/L	41	5 U	5300	430	310 J
SW8270D	85-01-8	Phenanthrene	50	ug/L	21 BJ	0.57 BJ	1500 B	5.9 B	1500 B
SW8270D	129-00-0	Pyrene	50	ug/L	5.4 J	5 U	780	0.42 J	1700
		Total PAHs			108.9	0.57	10805	470.97	10522

NYSDEC Ambient Water Quality Standards and Guidance Values
(TOGS 1.1.1), June 2004
Shaded concentrations indicate an exceedance of standard or guidance value.
NS- No Standard
(G) -Guidance Value
ND - Not Detected
U - Not detected above the reported detection limit.
J - Indicates an estimated value.
B - Compound found in blank and sample

Table 3
Summary of Groundwater Analytical Data - July 2021
NYSEG Bridge Street Former MGP Site
Plattsburgh, New York

Method	Cas Rn	Compound	NYSDEC Class GA Standard /	MW-7BD MW-7BD_20210708 WG 480-187037-4 INITIAL 7/8/2021	MW-7BS MW-7BS_20210708 WG 480-187037-5 INITIAL 7/8/2021	MW-7BS MW-7BS_20210708-A WG 480-187037-6 INITIAL 7/8/2021	MW-9B MW-9B_ 20210708 WG 480-187037-3 INITIAL 7/8/2021
		Volatiles					
SW8260C	71-43-2	Benzene	1	480	29	29	2 U
SW8260C	100-41-4	Ethylbenzene	5	630	6.9	6.4	2 U
SW8260C	179601-23-1	m,p-Xylene	5	1100	2.7 J	2.8 J	4 U
SW8260C	95-47-6	O-Xylene (1,2-Dimethylbenzene)	5	380	3.6	3.6	2 U
SW8260C	108-88-3	Toluene	5	670	2.4	2.2	2 U
		Total BTEX		3260	44.6	44	ND
		Semi-Volatiles					
SW8270D	83-32-9	Acenaphthene	20 (G)	340	12	12	5 U
SW8270D	208-96-8	Acenaphthylene	NS	270	2.7 J	2.2 J	0.49 J
SW8270D	120-12-7	Anthracene	50 (G)	110	1.2 J	1.1 J	5 U
SW8270D	56-55-3	Benzo(A)Anthracene	0.002 (G)	76 J	5 U	5 U	0.42 J
SW8270D	50-32-8	Benzo(A)Pyrene	NS	75 J	5 U	5 U	0.5 J
SW8270D	205-99-2	Benzo(B)Fluoranthene	0.002 (G)	58 J	5 U	5 U	0.34 J
SW8270D	191-24-2	Benzo(G,H,I)Perylene	NS	50 J	5 U	5 U	5 U
SW8270D	207-08-9	Benzo(K)Fluoranthene	0.002 (G)	24 J	5 U	5 U	5 U
SW8270D	218-01-9	Chrysene	0.002 (G)	69 J	5 U	5 U	0.34 J
SW8270D	53-70-3	Dibenz(A,H)Anthracene	NS	8.7 J	5 U	5 U	5 U
SW8270D	206-44-0	Fluoranthene	50 (G)	230	1.5 J	1.6 J	0.45 J
SW8270D	86-73-7	Fluorene	50 (G)	180	3.3 J	3.3 J	5 U
SW8270D	193-39-5	Indeno(1,2,3-C,D)Pyrene	0.002	32 J	5 U	5 U	5 U
SW8270D	91-20-3	Naphthalene	10	5600	5 U	3.2 J	1.8 J
SW8270D	85-01-8	Phenanthrene	50	580 B	8.3 B	7.2 B	0.92 BJ
SW8270D	129-00-0	Pyrene	50	330	1.8 J	1.8 J	0.63 J
		Total PAHs		8032.7	30.8	32.4	5.89

NYSDEC Ambient Water Quality Standards and Guidance Values
(TOGS 1.1.1), June 2004
Shaded concentrations indicate an exceedance of standard or guidance value.
NS- No Standard
(G) -Guidance Value
ND - Not Detected
U - Not detected above the reported detection limit.
J - Indicates an estimated value.
B - Compound found in blank and sample

FIGURES

New York Quadrangle

LATITUDE: N 44.696175°
LONGITUDE: W 73.445734°

N

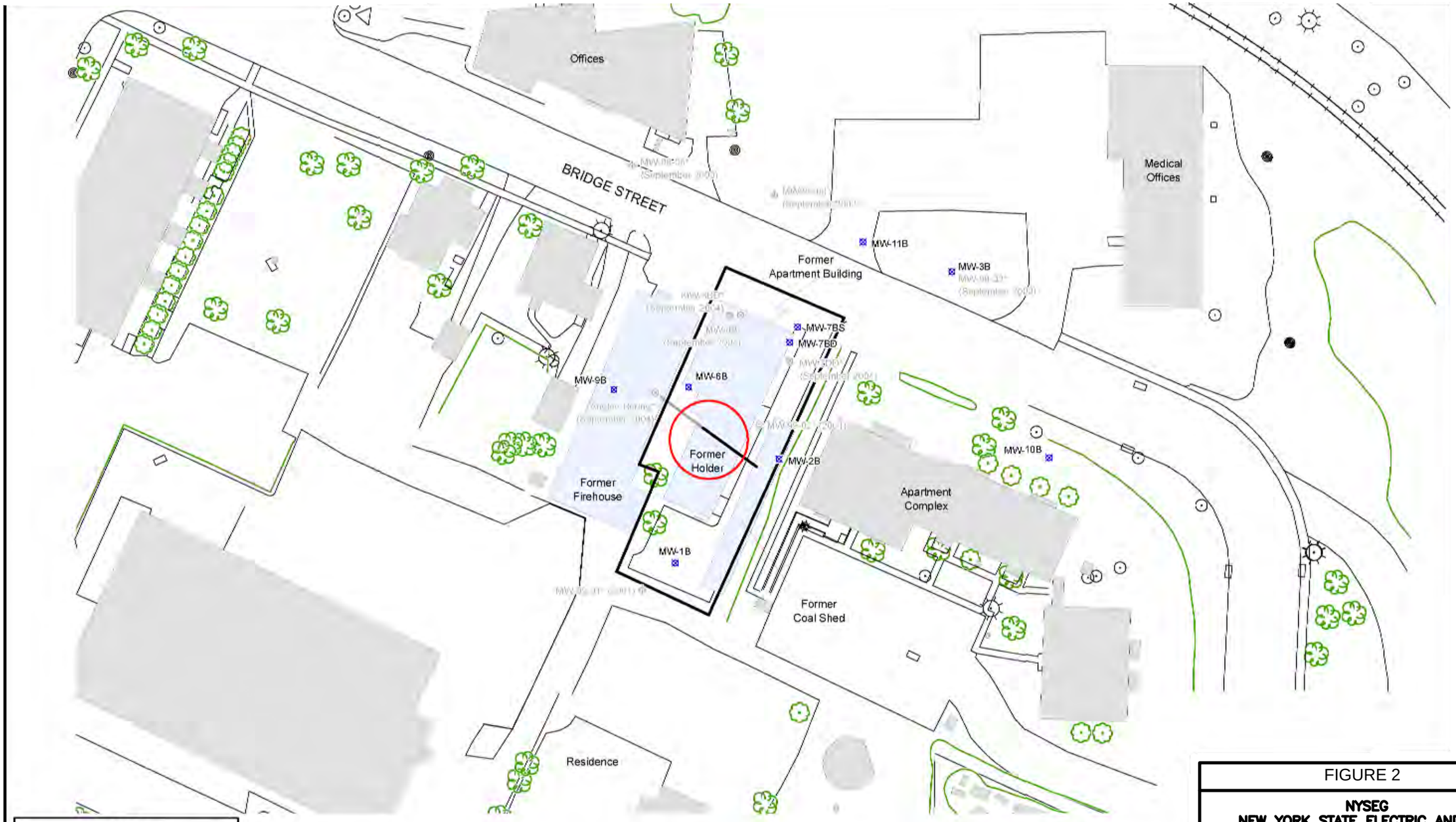
FIGURE 1

NYSEG- New York State Electric and Gas
Bridge Street Former MGP Site
Plattsburgh, NY

SITE LOCATION MAP

PARSONS
301 PLAINFIELD ROAD * SUITE 350 * SYRACUSE, NY 13212 * 315-451-9560

Document Path: Q:\GIS\Projects\Iberdrola\Plattsburgh\Plattsburght_SLM.mxd



LEGEND

- Overburden Monitoring Well
- Bedrock Monitoring Well
- Property Boundary (approx.)
- Former Gas Holder
- Former Structures (approx.)
- Buildings
- * - Well Decommissioned

NOTE:

BASE MAP FROM URS CORPORATION, FIGURE 2 JOB NUMBER 11177107.10000 DATED JULY 2014.

GRAPHIC SCALE

0 30 60 90 Feet

FIGURE 2

NYSEG
NEW YORK STATE ELECTRIC AND GAS
BRIDGE STREET FORMER MGP
PLATTSBURGH, NY

MONITORING WELL LOCATIONS

PARSONS
301 PLAINFIELD ROAD, SUITE 350, SYRACUSE, NY 13212 • 315-451-9560

FILE NAME: P:\IBERDROLA\PLATTSBURGH BRIDGE STREET\CAD\449577-SK001.DWG
PLOT DATE: 10/30/2015 2:41 PM PLOTTED BY: RUSSO, JILL

APPENDIX A

Well Development Logs

PARSONS
WELL DEVELOPMENT OBSERVATIONS

SITE NAME: NYSEG - Plattsburgh, Bridge Street
PROJECT NUMBER: 451255.01000

WELL NUMBER: MW - 1B **WEATHER:** Cloudy, 65F
DATE: 7/8/2021 **TIME:** 13:00

DEVELOPER: Henry Frentzel of Parsons
Zach Cornish of Parsons

DESCRIPTION OF WELL

Total Depth: 39.45 Diameter: 6 inch
Screen Depth:
Development Method: Disposable hand bailer, horiba, IP, WLM

GROUNDWATER PURGING

Initial Static Water Level: 1.81
One Well Volume: 3 Volumes

2-Inch Casing:		Feet of Water x 0.16 Gallons/Foot =		Gallons	
3-Inch Casing:		Feet of Water x 0.38 Gallons/Foot =		Gallons	
4-Inch Casing:		Feet of Water x 0.66 Gallons/Foot =		Gallons	
6-Inch Casing:	37.64	Feet of Water x 1.50 Gallons/Foot =	56.46	Gallons	169.38

Volume of groundwater purged: 18 Gallons
Purging Device: Hand bailer

FIELD MEASUREMENTS

Time	Volume Purged Gal	Depth to Water (ft)	SC (mS/cm)	Temp. (F or C)	pH (SU)	Turbidity (NTU)	ORP	DO	TDS	Comments
Stabilization Criteria			+/- 10%	+/- 0.2 C	+/- 0.1 SU	+/- 10%				
1300	0	-	0.807	19.61	8.64	81.8	-144	9.28		
1310	10	-	0.76	17	8.25	222	-125	4.96		
1315	20	-	0.735	14.73	8.06	326	-130	5.13		
1322	30	-	0.756	13.36	7.81	297	-120	5.06		
1330	40	-	0.434	14.63	7.51	212	-51	6.59		
1335	42	Dry	-	-	-	-	-	-		
0710	-	38.72	-	-	-	-	-	-		Sample 7/9

Note:
(1) Napthelene-like odor and sheen present.

PARSONS
WELL DEVELOPMENT OBSERVATIONS

SITE NAME: NYSEG - Plattsburgh, Bridge Street
PROJECT NUMBER: 451255.01000

WELL NUMBER: MW - 2 **WEATHER:** Cloudy, 65F
DATE: 7/7/2021 **TIME:** 12:40

DEVELOPER: Henry Frentzel of Parsons
Zach Cornish of Parsons

DESCRIPTION OF WELL

Total Depth: 36.59 Diameter: 6 inch
Screen Depth:
Development Method: Disposable hand bailer, horiba, IP, WLM

GROUNDWATER PURGING

Initial Static Water Level: 5.34
One Well Volume: 3 Volumes

2-Inch Casing:		Feet of Water x 0.16 Gallons/Foot =		Gallons	
3-Inch Casing:		Feet of Water x 0.38 Gallons/Foot =		Gallons	
4-Inch Casing:		Feet of Water x 0.66 Gallons/Foot =		Gallons	
6-Inch Casing:	31.25	Feet of Water x 1.50 Gallons/Foot =	46.875	Gallons	140.63

Volume of groundwater purged: 36 Gallons
Purging Device: Hand bailer

FIELD MEASUREMENTS

Time	Volume Purged Gal	Depth to Water (ft)	SC (mS/cm)	Temp. (F or C)	pH (SU)	Turbidity (NTU)	ORP	DO	TDS	Comments
Stabilization Criteria			+/- 10%	+/- 0.2 C	+/- 0.1 SU	+/- 10%				
1240	0.5	-	2.90	18.59	8.78	17	141	7.92		
1250	10	-	3.34	15.99	11.66	64.2	42	5.72		
1300	20	-	3.10	14.75	11.90	196	21	7.28		
1310	30	-	3.16	14.37	11.83	159	29	7.13		
1312	36	Dry	-	-	-	-	-	-		Dry
0800	36	35.5	2.62	16.31	10.64	>1000	65	6.41		Sample 7/8

Note:
(1) Napthelene-like odor, sheen, DNAPL blebs

PARSONS
WELL DEVELOPMENT OBSERVATIONS

SITE NAME: NYSEG - Plattsburgh, Bridge Street
PROJECT NUMBER: 451255.01000

WELL NUMBER: MW - 3B **WEATHER:** Cloudy, 65F
DATE: 7/8/2021 **TIME:** 14:10

DEVELOPER: Henry Frentzel of Parsons
Zach Cornish of Parsons

DESCRIPTION OF WELL

Total Depth: 60.88 Diameter: 4 inch
Screen Depth:
Development Method: Disposable hand bailer, horiba, WLM

GROUNDWATER PURGING

Initial Static Water Level: 15.13
One Well Volume: 3 Volumes

2-Inch Casing:		Feet of Water x 0.16 Gallons/Foot =		Gallons		
3-Inch Casing:		Feet of Water x 0.38 Gallons/Foot =		Gallons		
4-Inch Casing:	45.75	Feet of Water x 0.66 Gallons/Foot =	30.195	Gallons	90.585	
6-Inch Casing:		Feet of Water x 1.50 Gallons/Foot =		Gallons		

Volume of groundwater purged: 30 33 Gallons
Purging Device: Hand bailer

FIELD MEASUREMENTS

Time	Volume Purged Gal	Depth to Water (ft)	SC (mS/cm)	Temp. (F or C)	pH (SU)	Turbidity (NTU)	ORP	DO	TDS	Comments
Stabilization Criteria			+/- 10%	+/- 0.2 C	+/- 0.1 SU	+/- 10%				
1010	0	-	1.32	16.27	8.07	27.7	35	3.97		
1020	10	-	1.36	14.19	8	42.6	60	6.41		
1035	20	-	1.52	14.63	8.01	92	-24	6.11		
1045	30	56.7	1.78	16.9	8.01	111	-132	5.61		
1053	33	Dry	-	-	-	-	-	-		Went Dry
1730	33	50.79	1.69	16.79	7.79	73.5	-133	13.71		Sample

Note:
(1) Napthelene-like and Sulfur-like odors.

PARSONS
WELL DEVELOPMENT OBSERVATIONS

SITE NAME: NYSEG - Plattsburgh, Bridge Street
PROJECT NUMBER: 451255.01000

WELL NUMBER: MW - 6B **WEATHER:** Cloudy, 65F
DATE: 7/7/2021 **TIME:** 14:10

DEVELOPER: Henry Frentzel of Parsons
Zach Cornish of Parsons

DESCRIPTION OF WELL

Total Depth: 37.51 Diameter: 6 inch
Screen Depth:
Development Method: Disposable hand bailer, horiba, IP, WLM

GROUNDWATER PURGING

Initial Static Water Level: 15.76
One Well Volume: 3 Volumes

2-Inch Casing:		Feet of Water x 0.16 Gallons/Foot =		Gallons	
3-Inch Casing:		Feet of Water x 0.38 Gallons/Foot =		Gallons	
4-Inch Casing:		Feet of Water x 0.66 Gallons/Foot =		Gallons	
6-Inch Casing:	21.75	Feet of Water x 1.50 Gallons/Foot =	32.625	Gallons	97.875

Volume of groundwater purged: 17 Gallons
Purging Device: Hand bailer

FIELD MEASUREMENTS

Time	Volume Purged Gal	Depth to Water (ft)	SC (mS/cm)	Temp. (F or C)	pH (SU)	Turbidity (NTU)	ORP	DO	TDS	Comments
Stabilization Criteria			+/- 10%	+/- 0.2 C	+/- 0.1 SU	+/- 10%				
1410	0.5	-	1.33	13.53	8.65	224	139	5.46		
1420	10	-	1.36	12.86	8.67	223	131	8.06		
1427	17	Dry	-	-	-	-	-	-		Dry
0820	17	36.89	-	-	-	-	-	-		Sample 7/8

Note:
(1) Odor, sheens, DNAPL blebs.

PARSONS
WELL DEVELOPMENT OBSERVATIONS

SITE NAME: NYSEG - Plattsburgh, Bridge Street
PROJECT NUMBER: 451255.01000

WELL NUMBER: MW - 7BS **WEATHER:** Cloudy, 65F
DATE: 7/7/2021 **TIME:** 15:35

DEVELOPER: Henry Frentzel of Parsons
Zach Cornish of Parsons

DESCRIPTION OF WELL

Total Depth: 12.93 Diameter: 6 inch
Screen Depth:
Development Method: Disposable hand bailer, horiba, IP, WLM

GROUNDWATER PURGING

Initial Static Water Level: 4.13
One Well Volume: 3 Volumes

2-Inch Casing:		Feet of Water x 0.16 Gallons/Foot =		Gallons		
3-Inch Casing:		Feet of Water x 0.38 Gallons/Foot =		Gallons		
4-Inch Casing:		Feet of Water x 0.66 Gallons/Foot =		Gallons		
6-Inch Casing:	8.80	Feet of Water x 1.50 Gallons/Foot =	13.2	Gallons	39.6	

Volume of groundwater purged: 30 30 Gallons
Purging Device: Hand bailer

FIELD MEASUREMENTS

Time	Volume Purged Gal	Depth to Water (ft)	SC (mS/cm)	Temp. (F or C)	pH (SU)	Turbidity (NTU)	ORP	DO	TDS	Comments
Stabilization Criteria			+/- 10%	+/- 0.2 C	+/- 0.1 SU	+/- 10%				
1535	0	-	0.981	17.13	8.43	147	-130	3.26		
1540	10	-	0.965	15.66	8.01	449	-97	4.47		
1545	20	-	0.677	15.61	7.62	121	-13	7.24		
1600	30	7.25	0.711	15.06	7.50	115	-15	7.16		
0925	30	4.19	1.09	17.35	8.31	44.3	-82	2.33		Sample 7/8

Note:
(1) Napthelene-like odor, minor sheen.

PARSONS
WELL DEVELOPMENT OBSERVATIONS

SITE NAME: NYSEG - Plattsburgh, Bridge Street
PROJECT NUMBER: 451255.01000

WELL NUMBER: MW - 7BD **WEATHER:** Cloudy, 65F
DATE: 7/7/2021 **TIME:** 14:45

DEVELOPER: Henry Frentzel of Parsons
Zach Cornish of Parsons

DESCRIPTION OF WELL

Total Depth: 49.05 Diameter: 4 inch
Screen Depth:
Development Method: Disposable hand bailer, horiba, IP, WLM

GROUNDWATER PURGING

Initial Static Water Level: 9.53
One Well Volume: 3 Volumes

2-Inch Casing:		Feet of Water x 0.16 Gallons/Foot =		Gallons	
3-Inch Casing:		Feet of Water x 0.38 Gallons/Foot =		Gallons	
4-Inch Casing:	39.52	Feet of Water x 0.66 Gallons/Foot =	26.083	Gallons	78.25
6-Inch Casing:		Feet of Water x 1.50 Gallons/Foot =		Gallons	

Volume of groundwater purged: 26 Gallons
Purging Device: Hand bailer

FIELD MEASUREMENTS

Time	Volume Purged Gal	Depth to Water (ft)	SC (mS/cm)	Temp. (F or C)	pH (SU)	Turbidity (NTU)	ORP	DO	TDS	Comments
Stabilization Criteria			+/- 10%	+/- 0.2 C	+/- 0.1 SU	+/- 10%				
1445	0	-	1.01	15.51	8.89	352	116	5.95		
1450	10	-	0.84	14.47	8.6	242	105	7.75		
1500	20	-	1.34	13.03	8.5	203	72	8.06		
1520	26	Dry	-	-	-	-	-	-		
0900	26	46.5	1.41	13.65	8.78	502	92	3.53		Sample 7/8

Note:
(1) Napthelene-like odor, sheen.

PARSONS
WELL DEVELOPMENT OBSERVATIONS

SITE NAME: NYSEG - Plattsburgh, Bridge Street
PROJECT NUMBER: 451255.01000

WELL NUMBER: MW - 9B **WEATHER:** Cloudy, 65F
DATE: 7/7/2021 **TIME:** 13:40

DEVELOPER: Henry Frentzel of Parsons
Zach Cornish of Parsons

DESCRIPTION OF WELL

Total Depth: 34.39 Diameter: 6 inch
Screen Depth:
Development Method: Disposable hand bailer, horiba, IP, WLM

GROUNDWATER PURGING

Initial Static Water Level: 17.83
One Well Volume: 3 Volumes

2-Inch Casing:		Feet of Water x 0.16 Gallons/Foot =		Gallons	
3-Inch Casing:		Feet of Water x 0.38 Gallons/Foot =		Gallons	
4-Inch Casing:		Feet of Water x 0.66 Gallons/Foot =		Gallons	
6-Inch Casing:	16.56	Feet of Water x 1.50 Gallons/Foot =	24.84	Gallons	74.52

Volume of groundwater purged: 12 Gallons
Purging Device: Hand bailer

FIELD MEASUREMENTS

Time	Volume Purged Gal	Depth to Water (ft)	SC (mS/cm)	Temp. (F or C)	pH (SU)	Turbidity (NTU)	ORP	DO	TDS	Comments
Stabilization Criteria			+/- 10%	+/- 0.2 C	+/- 0.1 SU	+/- 10%				
1340	0.5	-	3.16	14.37	11.83	159	29	7.13		
1350	10	-	1.6	13.04	8.66	76.3	120	2.35		
1354	12	Dry	-	-	-	-	-	-		Dry
0820	12	33.37	1.09	14.88	9.66	>1000	74	7.9		Sample 7/8

Note:
(1) Napthelene-like odor, sheen, DNAPL blebs

PARSONS
WELL DEVELOPMENT OBSERVATIONS

SITE NAME: NYSEG - Plattsburgh, Bridge Street
PROJECT NUMBER: 451255.01000

WELL NUMBER: MW - 11B **WEATHER:** Cloudy, 65F
DATE: 7/8/2021 **TIME:** 11:05

DEVELOPER: Henry Frentzel of Parsons
Zach Cornish of Parsons

DESCRIPTION OF WELL

Total Depth: 38.15 Diameter: 6 inch
Screen Depth:
Development Method: Disposable hand bailer, horiba, WLM

GROUNDWATER PURGING

Initial Static Water Level: 4.29
One Well Volume: 3 Volumes

2-Inch Casing:		Feet of Water x 0.16 Gallons/Foot =		Gallons	
3-Inch Casing:		Feet of Water x 0.38 Gallons/Foot =		Gallons	
4-Inch Casing:		Feet of Water x 0.66 Gallons/Foot =		Gallons	
6-Inch Casing:	33.86	Feet of Water x 1.50 Gallons/Foot =	50.79	Gallons	152.37

Volume of groundwater purged: 28 34 Gallons
Purging Device: Hand bailer

FIELD MEASUREMENTS

Time	Volume Purged Gal	Depth to Water (ft)	SC (mS/cm)	Temp. (F or C)	pH (SU)	Turbidity (NTU)	ORP	DO	TDS	Comments
Stabilization Criteria			+/- 10%	+/- 0.2 C	+/- 0.1 SU	+/- 10%				
1105	0.5	-	1.52	16.61	8.4	169	-93	2.65		
1115	10	-	1.27	16.00	8.65	175	-38	1.85		
1125	20	-	1.27	15.11	8.64	317	4	2.11		
1135	30	-	1.23	14.45	8.69	153	34	3.22		
1143	34	35.90	-	-	-	-	-	-		Dry
1745	34	35.60	-	-	-	-	-	-		DTW Only
0730	34	35.50	1.19	16.13	8.25	27.4	78	5.30		Sample 7/9

Note:
(1) Odor, sheen, and DNAPL blebs present.

APPENDIX B

Groundwater Sample Laboratory Analytical Report

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ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

Laboratory Job ID: 480-187037-1
Client Project/Site: Plattsburgh Bridge St.

For:
Parsons Corporation
301 Plainfield Road
Suite 350
Syracuse, New York 13212

Attn: Stephen Liberatore

Authorized for release by:
7/22/2021 3:33:22 PM
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@Eurofinset.com

Designee for

Brian Fischer, Manager of Project Management
(716)504-9835
Brian.Fischer@Eurofinset.com

Table of Contents

Definitions/Glossary

Client: Parsons Corporation
Project/Site: Plattsburgh Bridge St.

Job ID: 480-187037-1

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
B	Compound was found in the blank and sample.
E	Result exceeded calibration range.
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

Case Narrative

Client: Parsons Corporation
Project/Site: Plattsburgh Bridge St.

Job ID: 480-187037-1

Job ID: 480-187037-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-187037-1

Comments
No additional comments.

Receipt
The samples were received on 7/10/2021 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.6º C.

GC/MS VOA
Method 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: MW-6B_ 20210708 (480-187037-2), MW-9B_ 20210708 (480-187037-3), MW-7BS_20210708 (480-187037-5), MW-7BS_20210708 (480-187037-5[MS]), MW-7BS_20210708 (480-187037-5[MSD]), MW-7BS_20210708-A (480-187037-6), MW-1B_20210709 (480-187037-8) and MW-11B_20210709 (480-187037-9). Elevated reporting limits (RLs) are provided.

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-2B_20210708 (480-187037-1), MW-7BD_20210708 (480-187037-4) and MW-3B_20210708 (480-187037-7). Elevated reporting limits (RLs) are provided.

Method 8260C: The following sample(s) was collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory. The sample was analyzed within the 7-day holding time specified for unpreserved samples: MW-2B_20210708 (480-187037-1). Sample pH is 7.

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

GC/MS Semi VOA
Method 8270D: The following samples required a dilution due to the nature of the sample matrix: MW-2B_20210708 (480-187037-1), MW-6B_ 20210708 (480-187037-2) and MW-7BD_20210708 (480-187037-4). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8270D: The following samples were diluted due to the nature of the sample matrix: MW-2B_20210708 (480-187037-1), MW-6B_ 20210708 (480-187037-2), MW-7BD_20210708 (480-187037-4) and MW-11B_20210709 (480-187037-9). Elevated reporting limits (RLs) are provided.

Method 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: MW-7BS_20210708 (480-187037-5[MS]). These results have been reported and qualified.

Method 8270D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-2B_20210708 (480-187037-1), MW-7BD_20210708 (480-187037-4) and MW-3B_20210708 (480-187037-7). Elevated reporting limits (RLs) are provided.

Method 8270D: The following samples were diluted due to the abundance of target analytes: MW-2B_20210708 (480-187037-1) and MW-7BD_20210708 (480-187037-4). As such, surrogate recoveries are below the calibration range or are not reported, and elevated reporting limits (RLs) are provided.

Method 8270D: The following sample required a dilution due to the abundance of target analytes: MW-3B_20210708 (480-187037-7). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

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

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

Detection Summary

Client: Parsons Corporation
Project/Site: Plattsburgh Bridge St.

Job ID: 480-187037-1

Client Sample ID: MW-2B_20210708 — Lab Sample ID: 480-187037-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	69		25	10	ug/L	25		8260C	Total/NA
Toluene	230		25	13	ug/L	25		8260C	Total/NA
Ethylbenzene	590		25	19	ug/L	25		8260C	Total/NA
m-Xylene & p-Xylene	850		50	17	ug/L	25		8260C	Total/NA
o-Xylene	250		25	19	ug/L	25		8260C	Total/NA
Xylenes, Total	1100		50	17	ug/L	25		8260C	Total/NA
Total BTEX	2000		50	25	ug/L	25		8260C	Total/NA
Acenaphthene	230	J	250	21	ug/L	50		8270D	Total/NA
Acenaphthylene	750		250	19	ug/L	50		8270D	Total/NA
Anthracene	290		250	14	ug/L	50		8270D	Total/NA
Benzo[a]anthracene	210	J	250	18	ug/L	50		8270D	Total/NA
Benzo[a]pyrene	200	J	250	24	ug/L	50		8270D	Total/NA
Benzo[b]fluoranthene	150	J	250	17	ug/L	50		8270D	Total/NA
Benzo[g,h,i]perylene	130	J	250	18	ug/L	50		8270D	Total/NA
Benzo[k]fluoranthene	54	J	250	37	ug/L	50		8270D	Total/NA
Chrysene	190	J	250	17	ug/L	50		8270D	Total/NA
Fluoranthene	610		250	20	ug/L	50		8270D	Total/NA
Fluorene	330		250	18	ug/L	50		8270D	Total/NA
Indeno[1,2,3-cd]pyrene	81	J	250	24	ug/L	50		8270D	Total/NA
Naphthalene	5200	E	250	38	ug/L	50		8270D	Total/NA
Phenanthrene	1500	B	250	22	ug/L	50		8270D	Total/NA
Pyrene	780		250	17	ug/L	50		8270D	Total/NA
Acenaphthene - DL	210	J	2000	160	ug/L	400		8270D	Total/NA
Acenaphthylene - DL	740	J	2000	150	ug/L	400		8270D	Total/NA
Anthracene - DL	280	J	2000	110	ug/L	400		8270D	Total/NA
Benzo[a]anthracene - DL	220	J	2000	140	ug/L	400		8270D	Total/NA
Benzo[a]pyrene - DL	190	J	2000	190	ug/L	400		8270D	Total/NA
Benzo[b]fluoranthene - DL	160	J	2000	140	ug/L	400		8270D	Total/NA
Benzo[g,h,i]perylene - DL	140	J	2000	140	ug/L	400		8270D	Total/NA
Chrysene - DL	190	J	2000	130	ug/L	400		8270D	Total/NA
Fluoranthene - DL	590	J	2000	160	ug/L	400		8270D	Total/NA
Fluorene - DL	360	J	2000	140	ug/L	400		8270D	Total/NA
Naphthalene - DL	5300		2000	300	ug/L	400		8270D	Total/NA
Phenanthrene - DL	1500	J B	2000	180	ug/L	400		8270D	Total/NA
Pyrene - DL	820	J	2000	140	ug/L	400		8270D	Total/NA

Client Sample ID: MW-6B_ 20210708 — Lab Sample ID: 480-187037-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	24		8.0	4.1	ug/L	8		8260C	Total/NA
Ethylbenzene	9.6		8.0	5.9	ug/L	8		8260C	Total/NA
m-Xylene & p-Xylene	79		16	5.3	ug/L	8		8260C	Total/NA
o-Xylene	41		8.0	6.1	ug/L	8		8260C	Total/NA
Xylenes, Total	120		16	5.3	ug/L	8		8260C	Total/NA
Total BTEX	150		16	8.0	ug/L	8		8260C	Total/NA
Acenaphthene	400	J	500	41	ug/L	100		8270D	Total/NA
Acenaphthylene	450	J	500	38	ug/L	100		8270D	Total/NA
Anthracene	500		500	28	ug/L	100		8270D	Total/NA
Benzo[a]anthracene	700		500	36	ug/L	100		8270D	Total/NA
Benzo[a]pyrene	770		500	47	ug/L	100		8270D	Total/NA
Benzo[b]fluoranthene	630		500	34	ug/L	100		8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Client Sample ID: MW-6B_ 20210708 (Continued)

Lab Sample ID: 480-187037-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[g,h,i]perylene	530		500	35	ug/L	100		8270D	Total/NA
Benzo[k]fluoranthene	170	J	500	73	ug/L	100		8270D	Total/NA
Chrysene	630		500	33	ug/L	100		8270D	Total/NA
Dibenz(a,h)anthracene	82	J	500	42	ug/L	100		8270D	Total/NA
Fluoranthene	1500		500	40	ug/L	100		8270D	Total/NA
Fluorene	310	J	500	36	ug/L	100		8270D	Total/NA
Indeno[1,2,3-cd]pyrene	340	J	500	47	ug/L	100		8270D	Total/NA
Naphthalene	310	J	500	76	ug/L	100		8270D	Total/NA
Phenanthrene	1500	B	500	44	ug/L	100		8270D	Total/NA
Pyrene	1700		500	34	ug/L	100		8270D	Total/NA

Client Sample ID: MW-9B_ 20210708

Lab Sample ID: 480-187037-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	0.49	J	5.0	0.38	ug/L	1		8270D	Total/NA
Benzo[a]anthracene	0.42	J	5.0	0.36	ug/L	1		8270D	Total/NA
Benzo[a]pyrene	0.50	J	5.0	0.47	ug/L	1		8270D	Total/NA
Benzo[b]fluoranthene	0.34	J	5.0	0.34	ug/L	1		8270D	Total/NA
Chrysene	0.34	J	5.0	0.33	ug/L	1		8270D	Total/NA
Fluoranthene	0.45	J	5.0	0.40	ug/L	1		8270D	Total/NA
Naphthalene	1.8	J	5.0	0.76	ug/L	1		8270D	Total/NA
Phenanthrene	0.92	J B	5.0	0.44	ug/L	1		8270D	Total/NA
Pyrene	0.63	J	5.0	0.34	ug/L	1		8270D	Total/NA

Client Sample ID: MW-7BD_20210708

Lab Sample ID: 480-187037-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	480		25	10	ug/L	25		8260C	Total/NA
Toluene	670		25	13	ug/L	25		8260C	Total/NA
Ethylbenzene	630		25	19	ug/L	25		8260C	Total/NA
m-Xylene & p-Xylene	1100		50	17	ug/L	25		8260C	Total/NA
o-Xylene	380		25	19	ug/L	25		8260C	Total/NA
Xylenes, Total	1500		50	17	ug/L	25		8260C	Total/NA
Total BTEX	3300		50	25	ug/L	25		8260C	Total/NA
Acenaphthene	340		100	8.2	ug/L	20		8270D	Total/NA
Acenaphthylene	270		100	7.6	ug/L	20		8270D	Total/NA
Anthracene	110		100	5.6	ug/L	20		8270D	Total/NA
Benzo[a]anthracene	76	J	100	7.2	ug/L	20		8270D	Total/NA
Benzo[a]pyrene	75	J	100	9.4	ug/L	20		8270D	Total/NA
Benzo[b]fluoranthene	58	J	100	6.8	ug/L	20		8270D	Total/NA
Benzo[g,h,i]perylene	50	J	100	7.0	ug/L	20		8270D	Total/NA
Benzo[k]fluoranthene	24	J	100	15	ug/L	20		8270D	Total/NA
Chrysene	69	J	100	6.6	ug/L	20		8270D	Total/NA
Dibenz(a,h)anthracene	8.7	J	100	8.4	ug/L	20		8270D	Total/NA
Fluoranthene	230		100	8.0	ug/L	20		8270D	Total/NA
Fluorene	180		100	7.2	ug/L	20		8270D	Total/NA
Indeno[1,2,3-cd]pyrene	32	J	100	9.4	ug/L	20		8270D	Total/NA
Naphthalene	3600	E	100	15	ug/L	20		8270D	Total/NA
Phenanthrene	580	B	100	8.8	ug/L	20		8270D	Total/NA
Pyrene	330		100	6.8	ug/L	20		8270D	Total/NA
Acenaphthene - DL	330	J	2500	210	ug/L	500		8270D	Total/NA
Acenaphthylene - DL	260	J	2500	190	ug/L	500		8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-7BD_20210708 (Continued) — Lab Sample ID: 480-187037-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoranthene - DL	230	J	2500	200	ug/L	500		8270D	Total/NA
Fluorene - DL	180	J	2500	180	ug/L	500		8270D	Total/NA
Naphthalene - DL	5600		2500	380	ug/L	500		8270D	Total/NA
Phenanthrene - DL	600	J B	2500	220	ug/L	500		8270D	Total/NA
Pyrene - DL	320	J	2500	170	ug/L	500		8270D	Total/NA

Client Sample ID: MW-7BS_20210708 — Lab Sample ID: 480-187037-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	29		2.0	0.82	ug/L	2		8260C	Total/NA
Toluene	2.4		2.0	1.0	ug/L	2		8260C	Total/NA
Ethylbenzene	6.9		2.0	1.5	ug/L	2		8260C	Total/NA
m-Xylene & p-Xylene	2.7	J	4.0	1.3	ug/L	2		8260C	Total/NA
o-Xylene	3.6		2.0	1.5	ug/L	2		8260C	Total/NA
Xylenes, Total	6.3		4.0	1.3	ug/L	2		8260C	Total/NA
Total BTEX	45		4.0	2.0	ug/L	2		8260C	Total/NA
Acenaphthene	12		5.0	0.41	ug/L	1		8270D	Total/NA
Acenaphthylene	2.7	J	5.0	0.38	ug/L	1		8270D	Total/NA
Anthracene	1.2	J	5.0	0.28	ug/L	1		8270D	Total/NA
Fluoranthene	1.5	J	5.0	0.40	ug/L	1		8270D	Total/NA
Fluorene	3.3	J	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	8.3	B	5.0	0.44	ug/L	1		8270D	Total/NA
Pyrene	1.8	J	5.0	0.34	ug/L	1		8270D	Total/NA

Client Sample ID: MW-7BS_20210708-A — Lab Sample ID: 480-187037-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	29		2.0	0.82	ug/L	2		8260C	Total/NA
Toluene	2.2		2.0	1.0	ug/L	2		8260C	Total/NA
Ethylbenzene	6.4		2.0	1.5	ug/L	2		8260C	Total/NA
m-Xylene & p-Xylene	2.8	J	4.0	1.3	ug/L	2		8260C	Total/NA
o-Xylene	3.6		2.0	1.5	ug/L	2		8260C	Total/NA
Xylenes, Total	6.4		4.0	1.3	ug/L	2		8260C	Total/NA
Total BTEX	44		4.0	2.0	ug/L	2		8260C	Total/NA
Acenaphthene	12		5.0	0.41	ug/L	1		8270D	Total/NA
Acenaphthylene	2.2	J	5.0	0.38	ug/L	1		8270D	Total/NA
Anthracene	1.1	J	5.0	0.28	ug/L	1		8270D	Total/NA
Fluoranthene	1.6	J	5.0	0.40	ug/L	1		8270D	Total/NA
Fluorene	3.3	J	5.0	0.36	ug/L	1		8270D	Total/NA
Naphthalene	3.2	J	5.0	0.76	ug/L	1		8270D	Total/NA
Phenanthrene	7.2	B	5.0	0.44	ug/L	1		8270D	Total/NA
Pyrene	1.8	J	5.0	0.34	ug/L	1		8270D	Total/NA

Client Sample ID: MW-3B_20210708 — Lab Sample ID: 480-187037-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	660		20	8.2	ug/L	20		8260C	Total/NA
Toluene	150		20	10	ug/L	20		8260C	Total/NA
Ethylbenzene	790		20	15	ug/L	20		8260C	Total/NA
m-Xylene & p-Xylene	370		40	13	ug/L	20		8260C	Total/NA
o-Xylene	250		20	15	ug/L	20		8260C	Total/NA
Xylenes, Total	620		40	13	ug/L	20		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Parsons Corporation
Project/Site: Plattsburgh Bridge St.

Job ID: 480-187037-1

Client Sample ID: MW-3B_20210708 (Continued)

Lab Sample ID: 480-187037-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total BTEX	2200		40	20	ug/L	20		8260C	Total/NA
Acenaphthene	29		5.0	0.41	ug/L	1		8270D	Total/NA
Acenaphthylene	0.75	J	5.0	0.38	ug/L	1		8270D	Total/NA
Anthracene	0.40	J	5.0	0.28	ug/L	1		8270D	Total/NA
Fluorene	4.5	J	5.0	0.36	ug/L	1		8270D	Total/NA
Naphthalene	220	E	5.0	0.76	ug/L	1		8270D	Total/NA
Phenanthrene	5.9	B	5.0	0.44	ug/L	1		8270D	Total/NA
Pyrene	0.42	J	5.0	0.34	ug/L	1		8270D	Total/NA
Acenaphthene - DL	33	J	250	21	ug/L	50		8270D	Total/NA
Naphthalene - DL	430		250	38	ug/L	50		8270D	Total/NA

Client Sample ID: MW-1B_20210709

Lab Sample ID: 480-187037-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenanthrene	0.57	J B	5.0	0.44	ug/L	1		8270D	Total/NA

Client Sample ID: MW-11B_20210709

Lab Sample ID: 480-187037-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	2.0		2.0	1.0	ug/L	2		8260C	Total/NA
Ethylbenzene	6.2		2.0	1.5	ug/L	2		8260C	Total/NA
m-Xylene & p-Xylene	11		4.0	1.3	ug/L	2		8260C	Total/NA
o-Xylene	4.4		2.0	1.5	ug/L	2		8260C	Total/NA
Xylenes, Total	15		4.0	1.3	ug/L	2		8260C	Total/NA
Total BTEX	24		4.0	2.0	ug/L	2		8260C	Total/NA
Acenaphthene	13	J	25	2.1	ug/L	5		8270D	Total/NA
Acenaphthylene	13	J	25	1.9	ug/L	5		8270D	Total/NA
Anthracene	3.9	J	25	1.4	ug/L	5		8270D	Total/NA
Benzo[a]anthracene	2.0	J	25	1.8	ug/L	5		8270D	Total/NA
Fluoranthene	3.6	J	25	2.0	ug/L	5		8270D	Total/NA
Fluorene	6.0	J	25	1.8	ug/L	5		8270D	Total/NA
Naphthalene	41		25	3.8	ug/L	5		8270D	Total/NA
Phenanthrene	21	J B	25	2.2	ug/L	5		8270D	Total/NA
Pyrene	5.4	J	25	1.7	ug/L	5		8270D	Total/NA

Client Sample ID: TB20210709

Lab Sample ID: 480-187037-10

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-2B_20210708
Date Collected: 07/08/21 08:05
Date Received: 07/10/21 08:00

Lab Sample ID: 480-187037-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	69		25	10	ug/L			07/12/21 15:29	25
Toluene	230		25	13	ug/L			07/12/21 15:29	25
Ethylbenzene	590		25	19	ug/L			07/12/21 15:29	25
m-Xylene & p-Xylene	850		50	17	ug/L			07/12/21 15:29	25
o-Xylene	250		25	19	ug/L			07/12/21 15:29	25
Xylenes, Total	1100		50	17	ug/L			07/12/21 15:29	25
Total BTEX	2000		50	25	ug/L			07/12/21 15:29	25

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*80 - 120*		*07/12/21 15:29*	*25*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*07/12/21 15:29*	*25*
4-Bromofluorobenzene (Surr)	*110*		*73 - 120*		*07/12/21 15:29*	*25*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*07/12/21 15:29*	*25*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	230	J	250	21	ug/L		07/13/21 07:10	07/16/21 18:04	50
Acenaphthylene	750		250	19	ug/L		07/13/21 07:10	07/16/21 18:04	50
Anthracene	290		250	14	ug/L		07/13/21 07:10	07/16/21 18:04	50
Benzo[a]anthracene	210	J	250	18	ug/L		07/13/21 07:10	07/16/21 18:04	50
Benzo[a]pyrene	200	J	250	24	ug/L		07/13/21 07:10	07/16/21 18:04	50
Benzo[b]fluoranthene	150	J	250	17	ug/L		07/13/21 07:10	07/16/21 18:04	50
Benzo[g,h,i]perylene	130	J	250	18	ug/L		07/13/21 07:10	07/16/21 18:04	50
Benzo[k]fluoranthene	54	J	250	37	ug/L		07/13/21 07:10	07/16/21 18:04	50
Chrysene	190	J	250	17	ug/L		07/13/21 07:10	07/16/21 18:04	50
Dibenz(a,h)anthracene	ND		250	21	ug/L		07/13/21 07:10	07/16/21 18:04	50
Fluoranthene	610		250	20	ug/L		07/13/21 07:10	07/16/21 18:04	50
Fluorene	330		250	18	ug/L		07/13/21 07:10	07/16/21 18:04	50
Indeno[1,2,3-cd]pyrene	81	J	250	24	ug/L		07/13/21 07:10	07/16/21 18:04	50
Naphthalene	5200	E	250	38	ug/L		07/13/21 07:10	07/16/21 18:04	50
Phenanthrene	1500	B	250	22	ug/L		07/13/21 07:10	07/16/21 18:04	50
Pyrene	780		250	17	ug/L		07/13/21 07:10	07/16/21 18:04	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*96*		*48 - 120*	*07/13/21 07:10*	*07/16/21 18:04*	*50*
Nitrobenzene-d5 (Surr)	*81*		*46 - 120*	*07/13/21 07:10*	*07/16/21 18:04*	*50*
p-Terphenyl-d14 (Surr)	*83*		*60 - 148*	*07/13/21 07:10*	*07/16/21 18:04*	*50*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	210	J	2000	160	ug/L		07/13/21 07:10	07/20/21 20:31	400
Acenaphthylene	740	J	2000	150	ug/L		07/13/21 07:10	07/20/21 20:31	400
Anthracene	280	J	2000	110	ug/L		07/13/21 07:10	07/20/21 20:31	400
Benzo[a]anthracene	220	J	2000	140	ug/L		07/13/21 07:10	07/20/21 20:31	400
Benzo[a]pyrene	190	J	2000	190	ug/L		07/13/21 07:10	07/20/21 20:31	400
Benzo[b]fluoranthene	160	J	2000	140	ug/L		07/13/21 07:10	07/20/21 20:31	400
Benzo[g,h,i]perylene	140	J	2000	140	ug/L		07/13/21 07:10	07/20/21 20:31	400
Benzo[k]fluoranthene	ND		2000	290	ug/L		07/13/21 07:10	07/20/21 20:31	400
Chrysene	190	J	2000	130	ug/L		07/13/21 07:10	07/20/21 20:31	400
Dibenz(a,h)anthracene	ND		2000	170	ug/L		07/13/21 07:10	07/20/21 20:31	400

Client Sample ID: MW-2B_20210708

Lab Sample ID: 480-187037-1

Date Collected: 07/08/21 08:05

Matrix: Water

Date Received: 07/10/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	590	J	2000	160	ug/L		07/13/21 07:10	07/20/21 20:31	400
Fluorene	360	J	2000	140	ug/L		07/13/21 07:10	07/20/21 20:31	400
Indeno[1,2,3-cd]pyrene	ND		2000	190	ug/L		07/13/21 07:10	07/20/21 20:31	400
Naphthalene	5300		2000	300	ug/L		07/13/21 07:10	07/20/21 20:31	400
Phenanthrene	1500	J B	2000	180	ug/L		07/13/21 07:10	07/20/21 20:31	400
Pyrene	820	J	2000	140	ug/L		07/13/21 07:10	07/20/21 20:31	400

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*80*		*48 - 120*	*07/13/21 07:10*	*07/20/21 20:31*	*400*
Nitrobenzene-d5 (Surr)	*0*	*S1-*	*46 - 120*	*07/13/21 07:10*	*07/20/21 20:31*	*400*
p-Terphenyl-d14 (Surr)	*94*		*60 - 148*	*07/13/21 07:10*	*07/20/21 20:31*	*400*

Client Sample ID: MW-6B_ 20210708

Lab Sample ID: 480-187037-2

Date Collected: 07/08/21 08:20

Matrix: Water

Date Received: 07/10/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		8.0	3.3	ug/L			07/12/21 15:52	8
Toluene	24		8.0	4.1	ug/L			07/12/21 15:52	8
Ethylbenzene	9.6		8.0	5.9	ug/L			07/12/21 15:52	8
m-Xylene & p-Xylene	79		16	5.3	ug/L			07/12/21 15:52	8
o-Xylene	41		8.0	6.1	ug/L			07/12/21 15:52	8
Xylenes, Total	120		16	5.3	ug/L			07/12/21 15:52	8
Total BTEX	150		16	8.0	ug/L			07/12/21 15:52	8

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*80 - 120*		*07/12/21 15:52*	*8*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*07/12/21 15:52*	*8*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*07/12/21 15:52*	*8*
Dibromofluoromethane (Surr)	*111*		*75 - 123*		*07/12/21 15:52*	*8*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	400	J	500	41	ug/L		07/13/21 07:10	07/16/21 18:32	100
Acenaphthylene	450	J	500	38	ug/L		07/13/21 07:10	07/16/21 18:32	100
Anthracene	500		500	28	ug/L		07/13/21 07:10	07/16/21 18:32	100
Benzo[a]anthracene	700		500	36	ug/L		07/13/21 07:10	07/16/21 18:32	100
Benzo[a]pyrene	770		500	47	ug/L		07/13/21 07:10	07/16/21 18:32	100
Benzo[b]fluoranthene	630		500	34	ug/L		07/13/21 07:10	07/16/21 18:32	100
Benzo[g,h,i]perylene	530		500	35	ug/L		07/13/21 07:10	07/16/21 18:32	100
Benzo[k]fluoranthene	170	J	500	73	ug/L		07/13/21 07:10	07/16/21 18:32	100
Chrysene	630		500	33	ug/L		07/13/21 07:10	07/16/21 18:32	100
Dibenz(a,h)anthracene	82	J	500	42	ug/L		07/13/21 07:10	07/16/21 18:32	100
Fluoranthene	1500		500	40	ug/L		07/13/21 07:10	07/16/21 18:32	100
Fluorene	310	J	500	36	ug/L		07/13/21 07:10	07/16/21 18:32	100
Indeno[1,2,3-cd]pyrene	340	J	500	47	ug/L		07/13/21 07:10	07/16/21 18:32	100
Naphthalene	310	J	500	76	ug/L		07/13/21 07:10	07/16/21 18:32	100
Phenanthrene	1500	B	500	44	ug/L		07/13/21 07:10	07/16/21 18:32	100
Pyrene	1700		500	34	ug/L		07/13/21 07:10	07/16/21 18:32	100

Client Sample ID: MW-6B_ 20210708

Lab Sample ID: 480-187037-2

Date Collected: 07/08/21 08:20

Matrix: Water

Date Received: 07/10/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	*103*		*48 - 120*	*07/13/21 07:10*	*07/16/21 18:32*	*100*
Nitrobenzene-d5 (Surr)	*90*		*46 - 120*	*07/13/21 07:10*	*07/16/21 18:32*	*100*
p-Terphenyl-d14 (Surr)	*68*		*60 - 148*	*07/13/21 07:10*	*07/16/21 18:32*	*100*

Client Sample ID: MW-9B_ 20210708

Lab Sample ID: 480-187037-3

Date Collected: 07/08/21 08:40

Matrix: Water

Date Received: 07/10/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0	0.82	ug/L			07/12/21 16:15	2
Toluene	ND		2.0	1.0	ug/L			07/12/21 16:15	2
Ethylbenzene	ND		2.0	1.5	ug/L			07/12/21 16:15	2
m-Xylene & p-Xylene	ND		4.0	1.3	ug/L			07/12/21 16:15	2
o-Xylene	ND		2.0	1.5	ug/L			07/12/21 16:15	2
Xylenes, Total	ND		4.0	1.3	ug/L			07/12/21 16:15	2
Total BTEX	ND		4.0	2.0	ug/L			07/12/21 16:15	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*99*		*80 - 120*		*07/12/21 16:15*	*2*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*07/12/21 16:15*	*2*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*		*07/12/21 16:15*	*2*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*07/12/21 16:15*	*2*

Method: 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		07/13/21 07:10	07/16/21 19:00	1
Acenaphthylene	**0.49**	**J**	5.0	0.38	ug/L		07/13/21 07:10	07/16/21 19:00	1
Anthracene	ND		5.0	0.28	ug/L		07/13/21 07:10	07/16/21 19:00	1
Benzo[a]anthracene	**0.42**	**J**	5.0	0.36	ug/L		07/13/21 07:10	07/16/21 19:00	1
Benzo[a]pyrene	**0.50**	**J**	5.0	0.47	ug/L		07/13/21 07:10	07/16/21 19:00	1
Benzo[b]fluoranthene	**0.34**	**J**	5.0	0.34	ug/L		07/13/21 07:10	07/16/21 19:00	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		07/13/21 07:10	07/16/21 19:00	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		07/13/21 07:10	07/16/21 19:00	1
Chrysene	**0.34**	**J**	5.0	0.33	ug/L		07/13/21 07:10	07/16/21 19:00	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		07/13/21 07:10	07/16/21 19:00	1
Fluoranthene	**0.45**	**J**	5.0	0.40	ug/L		07/13/21 07:10	07/16/21 19:00	1
Fluorene	ND		5.0	0.36	ug/L		07/13/21 07:10	07/16/21 19:00	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		07/13/21 07:10	07/16/21 19:00	1
Naphthalene	**1.8**	**J**	5.0	0.76	ug/L		07/13/21 07:10	07/16/21 19:00	1
Phenanthrene	**0.92**	**J B**	5.0	0.44	ug/L		07/13/21 07:10	07/16/21 19:00	1
Pyrene	**0.63**	**J**	5.0	0.34	ug/L		07/13/21 07:10	07/16/21 19:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	*108*		*48 - 120*	*07/13/21 07:10*	*07/16/21 19:00*	*1*
Nitrobenzene-d5 (Surr)	*96*		*46 - 120*	*07/13/21 07:10*	*07/16/21 19:00*	*1*
p-Terphenyl-d14 (Surr)	*76*		*60 - 148*	*07/13/21 07:10*	*07/16/21 19:00*	*1*

Client: Parsons Corporation
Project/Site: Plattsburgh Bridge St.

Job ID: 480-187037-1

Client Sample ID: MW-7BD_20210708

Date Collected: 07/08/21 09:00
Date Received: 07/10/21 08:00

Lab Sample ID: 480-187037-4

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	480		25	10	ug/L			07/12/21 16:38	25
Toluene	670		25	13	ug/L			07/12/21 16:38	25
Ethylbenzene	630		25	19	ug/L			07/12/21 16:38	25
m-Xylene & p-Xylene	1100		50	17	ug/L			07/12/21 16:38	25
o-Xylene	380		25	19	ug/L			07/12/21 16:38	25
Xylenes, Total	1500		50	17	ug/L			07/12/21 16:38	25
Total BTEX	3300		50	25	ug/L			07/12/21 16:38	25

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*80 - 120*		*07/12/21 16:38*	*25*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*07/12/21 16:38*	*25*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*		*07/12/21 16:38*	*25*
Dibromofluoromethane (Surr)	*111*		*75 - 123*		*07/12/21 16:38*	*25*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	340		100	8.2	ug/L		07/13/21 07:10	07/16/21 19:27	20
Acenaphthylene	270		100	7.6	ug/L		07/13/21 07:10	07/16/21 19:27	20
Anthracene	110		100	5.6	ug/L		07/13/21 07:10	07/16/21 19:27	20
Benzo[a]anthracene	76	J	100	7.2	ug/L		07/13/21 07:10	07/16/21 19:27	20
Benzo[a]pyrene	75	J	100	9.4	ug/L		07/13/21 07:10	07/16/21 19:27	20
Benzo[b]fluoranthene	58	J	100	6.8	ug/L		07/13/21 07:10	07/16/21 19:27	20
Benzo[g,h,i]perylene	50	J	100	7.0	ug/L		07/13/21 07:10	07/16/21 19:27	20
Benzo[k]fluoranthene	24	J	100	15	ug/L		07/13/21 07:10	07/16/21 19:27	20
Chrysene	69	J	100	6.6	ug/L		07/13/21 07:10	07/16/21 19:27	20
Dibenz(a,h)anthracene	8.7	J	100	8.4	ug/L		07/13/21 07:10	07/16/21 19:27	20
Fluoranthene	230		100	8.0	ug/L		07/13/21 07:10	07/16/21 19:27	20
Fluorene	180		100	7.2	ug/L		07/13/21 07:10	07/16/21 19:27	20
Indeno[1,2,3-cd]pyrene	32	J	100	9.4	ug/L		07/13/21 07:10	07/16/21 19:27	20
Naphthalene	3600	E	100	15	ug/L		07/13/21 07:10	07/16/21 19:27	20
Phenanthrene	580	B	100	8.8	ug/L		07/13/21 07:10	07/16/21 19:27	20
Pyrene	330		100	6.8	ug/L		07/13/21 07:10	07/16/21 19:27	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*100*		*48 - 120*	*07/13/21 07:10*	*07/16/21 19:27*	*20*
Nitrobenzene-d5 (Surr)	*91*		*46 - 120*	*07/13/21 07:10*	*07/16/21 19:27*	*20*
p-Terphenyl-d14 (Surr)	*82*		*60 - 148*	*07/13/21 07:10*	*07/16/21 19:27*	*20*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	330	J	2500	210	ug/L		07/13/21 07:10	07/20/21 20:58	500
Acenaphthylene	260	J	2500	190	ug/L		07/13/21 07:10	07/20/21 20:58	500
Anthracene	ND		2500	140	ug/L		07/13/21 07:10	07/20/21 20:58	500
Benzo[a]anthracene	ND		2500	180	ug/L		07/13/21 07:10	07/20/21 20:58	500
Benzo[a]pyrene	ND		2500	240	ug/L		07/13/21 07:10	07/20/21 20:58	500
Benzo[b]fluoranthene	ND		2500	170	ug/L		07/13/21 07:10	07/20/21 20:58	500
Benzo[g,h,i]perylene	ND		2500	180	ug/L		07/13/21 07:10	07/20/21 20:58	500
Benzo[k]fluoranthene	ND		2500	370	ug/L		07/13/21 07:10	07/20/21 20:58	500
Chrysene	ND		2500	170	ug/L		07/13/21 07:10	07/20/21 20:58	500
Dibenz(a,h)anthracene	ND		2500	210	ug/L		07/13/21 07:10	07/20/21 20:58	500

Client Sample ID: MW-7BD_20210708

Lab Sample ID: 480-187037-4

Date Collected: 07/08/21 09:00

Matrix: Water

Date Received: 07/10/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	230	J	2500	200	ug/L		07/13/21 07:10	07/20/21 20:58	500
Fluorene	180	J	2500	180	ug/L		07/13/21 07:10	07/20/21 20:58	500
Indeno[1,2,3-cd]pyrene	ND		2500	240	ug/L		07/13/21 07:10	07/20/21 20:58	500
Naphthalene	5600		2500	380	ug/L		07/13/21 07:10	07/20/21 20:58	500
Phenanthrene	600	J B	2500	220	ug/L		07/13/21 07:10	07/20/21 20:58	500
Pyrene	320	J	2500	170	ug/L		07/13/21 07:10	07/20/21 20:58	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*0*	*S1-*	*48 - 120*	*07/13/21 07:10*	*07/20/21 20:58*	*500*
Nitrobenzene-d5 (Surr)	*0*	*S1-*	*46 - 120*	*07/13/21 07:10*	*07/20/21 20:58*	*500*
p-Terphenyl-d14 (Surr)	*0*	*S1-*	*60 - 148*	*07/13/21 07:10*	*07/20/21 20:58*	*500*

Client Sample ID: MW-7BS_20210708

Lab Sample ID: 480-187037-5

Date Collected: 07/08/21 09:25

Matrix: Water

Date Received: 07/10/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	29		2.0	0.82	ug/L			07/12/21 17:01	2
Toluene	2.4		2.0	1.0	ug/L			07/12/21 17:01	2
Ethylbenzene	6.9		2.0	1.5	ug/L			07/12/21 17:01	2
m-Xylene & p-Xylene	2.7	J	4.0	1.3	ug/L			07/12/21 17:01	2
o-Xylene	3.6		2.0	1.5	ug/L			07/12/21 17:01	2
Xylenes, Total	6.3		4.0	1.3	ug/L			07/12/21 17:01	2
Total BTEX	45		4.0	2.0	ug/L			07/12/21 17:01	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*80 - 120*		*07/12/21 17:01*	*2*
1,2-Dichloroethane-d4 (Surr)	*109*		*77 - 120*		*07/12/21 17:01*	*2*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*07/12/21 17:01*	*2*
Dibromofluoromethane (Surr)	*109*		*75 - 123*		*07/12/21 17:01*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	12		5.0	0.41	ug/L		07/13/21 07:10	07/16/21 15:47	1
Acenaphthylene	2.7	J	5.0	0.38	ug/L		07/13/21 07:10	07/16/21 15:47	1
Anthracene	1.2	J	5.0	0.28	ug/L		07/13/21 07:10	07/16/21 15:47	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		07/13/21 07:10	07/16/21 15:47	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		07/13/21 07:10	07/16/21 15:47	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		07/13/21 07:10	07/16/21 15:47	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		07/13/21 07:10	07/16/21 15:47	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		07/13/21 07:10	07/16/21 15:47	1
Chrysene	ND		5.0	0.33	ug/L		07/13/21 07:10	07/16/21 15:47	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		07/13/21 07:10	07/16/21 15:47	1
Fluoranthene	1.5	J	5.0	0.40	ug/L		07/13/21 07:10	07/16/21 15:47	1
Fluorene	3.3	J	5.0	0.36	ug/L		07/13/21 07:10	07/16/21 15:47	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		07/13/21 07:10	07/16/21 15:47	1
Naphthalene	ND		5.0	0.76	ug/L		07/13/21 07:10	07/16/21 15:47	1
Phenanthrene	8.3	B	5.0	0.44	ug/L		07/13/21 07:10	07/16/21 15:47	1
Pyrene	1.8	J	5.0	0.34	ug/L		07/13/21 07:10	07/16/21 15:47	1

Client Sample ID: MW-7BS_20210708

Lab Sample ID: 480-187037-5

Date Collected: 07/08/21 09:25

Matrix: Water

Date Received: 07/10/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	101		48 - 120	07/13/21 07:10	07/16/21 15:47	1
Nitrobenzene-d5 (Surr)	93		46 - 120	07/13/21 07:10	07/16/21 15:47	1
p-Terphenyl-d14 (Surr)	88		60 - 148	07/13/21 07:10	07/16/21 15:47	1

Client Sample ID: MW-7BS_20210708-A

Lab Sample ID: 480-187037-6

Date Collected: 07/08/21 09:30

Matrix: Water

Date Received: 07/10/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**29**		2.0	0.82	ug/L			07/12/21 17:24	2
Toluene	**2.2**		2.0	1.0	ug/L			07/12/21 17:24	2
Ethylbenzene	**6.4**		2.0	1.5	ug/L			07/12/21 17:24	2
m-Xylene & p-Xylene	**2.8**	**J**	4.0	1.3	ug/L			07/12/21 17:24	2
o-Xylene	**3.6**		2.0	1.5	ug/L			07/12/21 17:24	2
Xylenes, Total	**6.4**		4.0	1.3	ug/L			07/12/21 17:24	2
Total BTEX	**44**		4.0	2.0	ug/L			07/12/21 17:24	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	101		80 - 120		07/12/21 17:24	2
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		07/12/21 17:24	2
4-Bromofluorobenzene (Surr)	108		73 - 120		07/12/21 17:24	2
Dibromofluoromethane (Surr)	108		75 - 123		07/12/21 17:24	2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**12**		5.0	0.41	ug/L		07/13/21 07:10	07/16/21 19:55	1
Acenaphthylene	**2.2**	**J**	5.0	0.38	ug/L		07/13/21 07:10	07/16/21 19:55	1
Anthracene	**1.1**	**J**	5.0	0.28	ug/L		07/13/21 07:10	07/16/21 19:55	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		07/13/21 07:10	07/16/21 19:55	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		07/13/21 07:10	07/16/21 19:55	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		07/13/21 07:10	07/16/21 19:55	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		07/13/21 07:10	07/16/21 19:55	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		07/13/21 07:10	07/16/21 19:55	1
Chrysene	ND		5.0	0.33	ug/L		07/13/21 07:10	07/16/21 19:55	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		07/13/21 07:10	07/16/21 19:55	1
Fluoranthene	**1.6**	**J**	5.0	0.40	ug/L		07/13/21 07:10	07/16/21 19:55	1
Fluorene	**3.3**	**J**	5.0	0.36	ug/L		07/13/21 07:10	07/16/21 19:55	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		07/13/21 07:10	07/16/21 19:55	1
Naphthalene	**3.2**	**J**	5.0	0.76	ug/L		07/13/21 07:10	07/16/21 19:55	1
Phenanthrene	**7.2**	**B**	5.0	0.44	ug/L		07/13/21 07:10	07/16/21 19:55	1
Pyrene	**1.8**	**J**	5.0	0.34	ug/L		07/13/21 07:10	07/16/21 19:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	106		48 - 120	07/13/21 07:10	07/16/21 19:55	1
Nitrobenzene-d5 (Surr)	94		46 - 120	07/13/21 07:10	07/16/21 19:55	1
p-Terphenyl-d14 (Surr)	81		60 - 148	07/13/21 07:10	07/16/21 19:55	1

Client: Parsons Corporation
Project/Site: Plattsburgh Bridge St.

Job ID: 480-187037-1

Client Sample ID: MW-3B_20210708
Date Collected: 07/08/21 17:30
Date Received: 07/10/21 08:00

Lab Sample ID: 480-187037-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**660**		20	8.2	ug/L			07/12/21 17:47	20
Toluene	**150**		20	10	ug/L			07/12/21 17:47	20
Ethylbenzene	**790**		20	15	ug/L			07/12/21 17:47	20
m-Xylene & p-Xylene	**370**		40	13	ug/L			07/12/21 17:47	20
o-Xylene	**250**		20	15	ug/L			07/12/21 17:47	20
Xylenes, Total	**620**		40	13	ug/L			07/12/21 17:47	20
Total BTEX	**2200**		40	20	ug/L			07/12/21 17:47	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*80 - 120*		*07/12/21 17:47*	*20*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*		*07/12/21 17:47*	*20*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*07/12/21 17:47*	*20*
Dibromofluoromethane (Surr)	*105*		*75 - 123*		*07/12/21 17:47*	*20*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**29**		5.0	0.41	ug/L		07/13/21 07:10	07/16/21 20:22	1
Acenaphthylene	**0.75**	**J**	5.0	0.38	ug/L		07/13/21 07:10	07/16/21 20:22	1
Anthracene	**0.40**	**J**	5.0	0.28	ug/L		07/13/21 07:10	07/16/21 20:22	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		07/13/21 07:10	07/16/21 20:22	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		07/13/21 07:10	07/16/21 20:22	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		07/13/21 07:10	07/16/21 20:22	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		07/13/21 07:10	07/16/21 20:22	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		07/13/21 07:10	07/16/21 20:22	1
Chrysene	ND		5.0	0.33	ug/L		07/13/21 07:10	07/16/21 20:22	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		07/13/21 07:10	07/16/21 20:22	1
Fluoranthene	ND		5.0	0.40	ug/L		07/13/21 07:10	07/16/21 20:22	1
Fluorene	**4.5**	**J**	5.0	0.36	ug/L		07/13/21 07:10	07/16/21 20:22	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		07/13/21 07:10	07/16/21 20:22	1
Naphthalene	**220**	**E**	5.0	0.76	ug/L		07/13/21 07:10	07/16/21 20:22	1
Phenanthrene	**5.9**	**B**	5.0	0.44	ug/L		07/13/21 07:10	07/16/21 20:22	1
Pyrene	**0.42**	**J**	5.0	0.34	ug/L		07/13/21 07:10	07/16/21 20:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*95*		*48 - 120*	*07/13/21 07:10*	*07/16/21 20:22*	*1*
Nitrobenzene-d5 (Surr)	*84*		*46 - 120*	*07/13/21 07:10*	*07/16/21 20:22*	*1*
p-Terphenyl-d14 (Surr)	*96*		*60 - 148*	*07/13/21 07:10*	*07/16/21 20:22*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**33**	**J**	250	21	ug/L		07/13/21 07:10	07/20/21 21:26	50
Acenaphthylene	ND		250	19	ug/L		07/13/21 07:10	07/20/21 21:26	50
Anthracene	ND		250	14	ug/L		07/13/21 07:10	07/20/21 21:26	50
Benzo[a]anthracene	ND		250	18	ug/L		07/13/21 07:10	07/20/21 21:26	50
Benzo[a]pyrene	ND		250	24	ug/L		07/13/21 07:10	07/20/21 21:26	50
Benzo[b]fluoranthene	ND		250	17	ug/L		07/13/21 07:10	07/20/21 21:26	50
Benzo[g,h,i]perylene	ND		250	18	ug/L		07/13/21 07:10	07/20/21 21:26	50
Benzo[k]fluoranthene	ND		250	37	ug/L		07/13/21 07:10	07/20/21 21:26	50
Chrysene	ND		250	17	ug/L		07/13/21 07:10	07/20/21 21:26	50
Dibenz(a,h)anthracene	ND		250	21	ug/L		07/13/21 07:10	07/20/21 21:26	50

Client Sample ID: MW-3B_20210708

Lab Sample ID: 480-187037-7

Date Collected: 07/08/21 17:30

Matrix: Water

Date Received: 07/10/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	ND		250	20	ug/L		07/13/21 07:10	07/20/21 21:26	50
Fluorene	ND		250	18	ug/L		07/13/21 07:10	07/20/21 21:26	50
Indeno[1,2,3-cd]pyrene	ND		250	24	ug/L		07/13/21 07:10	07/20/21 21:26	50
Naphthalene	**430**		250	38	ug/L		07/13/21 07:10	07/20/21 21:26	50
Phenanthrene	ND		250	22	ug/L		07/13/21 07:10	07/20/21 21:26	50
Pyrene	ND		250	17	ug/L		07/13/21 07:10	07/20/21 21:26	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*104*		*48 - 120*	*07/13/21 07:10*	*07/20/21 21:26*	*50*
Nitrobenzene-d5 (Surr)	*83*		*46 - 120*	*07/13/21 07:10*	*07/20/21 21:26*	*50*
p-Terphenyl-d14 (Surr)	*100*		*60 - 148*	*07/13/21 07:10*	*07/20/21 21:26*	*50*

Client Sample ID: MW-1B_20210709

Lab Sample ID: 480-187037-8

Date Collected: 07/09/21 07:10

Matrix: Water

Date Received: 07/10/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0	0.82	ug/L			07/12/21 18:10	2
Toluene	ND		2.0	1.0	ug/L			07/12/21 18:10	2
Ethylbenzene	ND		2.0	1.5	ug/L			07/12/21 18:10	2
m-Xylene & p-Xylene	ND		4.0	1.3	ug/L			07/12/21 18:10	2
o-Xylene	ND		2.0	1.5	ug/L			07/12/21 18:10	2
Xylenes, Total	ND		4.0	1.3	ug/L			07/12/21 18:10	2
Total BTEX	ND		4.0	2.0	ug/L			07/12/21 18:10	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*80 - 120*		*07/12/21 18:10*	*2*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*		*07/12/21 18:10*	*2*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*		*07/12/21 18:10*	*2*
Dibromofluoromethane (Surr)	*110*		*75 - 123*		*07/12/21 18:10*	*2*

Method: 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		07/13/21 07:10	07/16/21 20:50	1
Acenaphthylene	ND		5.0	0.38	ug/L		07/13/21 07:10	07/16/21 20:50	1
Anthracene	ND		5.0	0.28	ug/L		07/13/21 07:10	07/16/21 20:50	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		07/13/21 07:10	07/16/21 20:50	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		07/13/21 07:10	07/16/21 20:50	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		07/13/21 07:10	07/16/21 20:50	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		07/13/21 07:10	07/16/21 20:50	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		07/13/21 07:10	07/16/21 20:50	1
Chrysene	ND		5.0	0.33	ug/L		07/13/21 07:10	07/16/21 20:50	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		07/13/21 07:10	07/16/21 20:50	1
Fluoranthene	ND		5.0	0.40	ug/L		07/13/21 07:10	07/16/21 20:50	1
Fluorene	ND		5.0	0.36	ug/L		07/13/21 07:10	07/16/21 20:50	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		07/13/21 07:10	07/16/21 20:50	1
Naphthalene	ND		5.0	0.76	ug/L		07/13/21 07:10	07/16/21 20:50	1
Phenanthrene	**0.57**	**J B**	5.0	0.44	ug/L		07/13/21 07:10	07/16/21 20:50	1
Pyrene	ND		5.0	0.34	ug/L		07/13/21 07:10	07/16/21 20:50	1

Client Sample ID: MW-1B_20210709

Lab Sample ID: 480-187037-8

Date Collected: 07/09/21 07:10

Matrix: Water

Date Received: 07/10/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	104		48 - 120	07/13/21 07:10	07/16/21 20:50	1
Nitrobenzene-d5 (Surr)	96		46 - 120	07/13/21 07:10	07/16/21 20:50	1
p-Terphenyl-d14 (Surr)	71		60 - 148	07/13/21 07:10	07/16/21 20:50	1

Client Sample ID: MW-11B_20210709

Lab Sample ID: 480-187037-9

Date Collected: 07/09/21 07:30

Matrix: Water

Date Received: 07/10/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0	0.82	ug/L			07/12/21 18:33	2
Toluene	**2.0**		2.0	1.0	ug/L			07/12/21 18:33	2
Ethylbenzene	**6.2**		2.0	1.5	ug/L			07/12/21 18:33	2
m-Xylene & p-Xylene	**11**		4.0	1.3	ug/L			07/12/21 18:33	2
o-Xylene	**4.4**		2.0	1.5	ug/L			07/12/21 18:33	2
Xylenes, Total	**15**		4.0	1.3	ug/L			07/12/21 18:33	2
Total BTEX	**24**		4.0	2.0	ug/L			07/12/21 18:33	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		80 - 120		07/12/21 18:33	2
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		07/12/21 18:33	2
4-Bromofluorobenzene (Surr)	103		73 - 120		07/12/21 18:33	2
Dibromofluoromethane (Surr)	105		75 - 123		07/12/21 18:33	2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**13**	**J**	25	2.1	ug/L		07/13/21 07:10	07/16/21 21:17	5
Acenaphthylene	**13**	**J**	25	1.9	ug/L		07/13/21 07:10	07/16/21 21:17	5
Anthracene	**3.9**	**J**	25	1.4	ug/L		07/13/21 07:10	07/16/21 21:17	5
Benzo[a]anthracene	**2.0**	**J**	25	1.8	ug/L		07/13/21 07:10	07/16/21 21:17	5
Benzo[a]pyrene	ND		25	2.4	ug/L		07/13/21 07:10	07/16/21 21:17	5
Benzo[b]fluoranthene	ND		25	1.7	ug/L		07/13/21 07:10	07/16/21 21:17	5
Benzo[g,h,i]perylene	ND		25	1.8	ug/L		07/13/21 07:10	07/16/21 21:17	5
Benzo[k]fluoranthene	ND		25	3.7	ug/L		07/13/21 07:10	07/16/21 21:17	5
Chrysene	ND		25	1.7	ug/L		07/13/21 07:10	07/16/21 21:17	5
Dibenz(a,h)anthracene	ND		25	2.1	ug/L		07/13/21 07:10	07/16/21 21:17	5
Fluoranthene	**3.6**	**J**	25	2.0	ug/L		07/13/21 07:10	07/16/21 21:17	5
Fluorene	**6.0**	**J**	25	1.8	ug/L		07/13/21 07:10	07/16/21 21:17	5
Indeno[1,2,3-cd]pyrene	ND		25	2.4	ug/L		07/13/21 07:10	07/16/21 21:17	5
Naphthalene	**41**		25	3.8	ug/L		07/13/21 07:10	07/16/21 21:17	5
Phenanthrene	**21**	**J B**	25	2.2	ug/L		07/13/21 07:10	07/16/21 21:17	5
Pyrene	**5.4**	**J**	25	1.7	ug/L		07/13/21 07:10	07/16/21 21:17	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	99		48 - 120	07/13/21 07:10	07/16/21 21:17	5
Nitrobenzene-d5 (Surr)	89		46 - 120	07/13/21 07:10	07/16/21 21:17	5
p-Terphenyl-d14 (Surr)	77		60 - 148	07/13/21 07:10	07/16/21 21:17	5

Client: Parsons Corporation
Project/Site: Plattsburgh Bridge St.

Job ID: 480-187037-1

Client Sample ID: TB20210709
Date Collected: 07/09/21 08:00
Date Received: 07/10/21 08:00

Lab Sample ID: 480-187037-10
Matrix: Water

Method: 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			07/12/21 18:57	1
Toluene	ND		1.0	0.51	ug/L			07/12/21 18:57	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/12/21 18:57	1
m-Xylene & p-Xylene	ND		2.0	0.66	ug/L			07/12/21 18:57	1
o-Xylene	ND		1.0	0.76	ug/L			07/12/21 18:57	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/12/21 18:57	1
Total BTEX	ND		2.0	1.0	ug/L			07/12/21 18:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*80 - 120*		*07/12/21 18:57*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*		*07/12/21 18:57*	*1*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*		*07/12/21 18:57*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 123*		*07/12/21 18:57*	*1*

Surrogate Summary

Client: Parsons Corporation
Project/Site: Plattsburgh Bridge St.

Job ID: 480-187037-1

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)
480-187037-1	MW-2B_20210708	99	102	110	107
480-187037-2	MW-6B_ 20210708	98	102	107	111
480-187037-3	MW-9B_ 20210708	99	102	108	107
480-187037-4	MW-7BD_20210708	100	104	108	111
480-187037-5	MW-7BS_20210708	100	109	107	109
480-187037-5 MS	MW-7BS_20210708	98	104	107	109
480-187037-5 MSD	MW-7BS_20210708	100	99	106	107
480-187037-6	MW-7BS_20210708-A	101	104	108	108
480-187037-7	MW-3B_20210708	98	103	106	105
480-187037-8	MW-1B_20210709	98	106	108	110
480-187037-9	MW-11B_20210709	99	100	103	105
480-187037-10	TB20210709	100	106	108	105
LCS 480-588678/10	Lab Control Sample	100	104	106	111
MB 480-588678/9	Method Blank	98	105	106	108

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)
480-187037-1	MW-2B_20210708	96	81	83
480-187037-1 - DL	MW-2B_20210708	80	0 S1-	94
480-187037-2	MW-6B_ 20210708	103	90	68
480-187037-3	MW-9B_ 20210708	108	96	76
480-187037-4	MW-7BD_20210708	100	91	82
480-187037-4 - DL	MW-7BD_20210708	0 S1-	0 S1-	0 S1-
480-187037-5	MW-7BS_20210708	101	93	88
480-187037-5 MS	MW-7BS_20210708	101	98	83
480-187037-5 MSD	MW-7BS_20210708	93	92	84
480-187037-6	MW-7BS_20210708-A	106	94	81
480-187037-7	MW-3B_20210708	95	84	96
480-187037-7 - DL	MW-3B_20210708	104	83	100
480-187037-8	MW-1B_20210709	104	96	71
480-187037-9	MW-11B_20210709	99	89	77
LCS 480-588811/2-A	Lab Control Sample	99	97	108
MB 480-588811/1-A	Method Blank	97	88	111

Surrogate Legend

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

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

Lab Sample ID: MB 480-588678/9
Matrix: Water
Analysis Batch: 588678

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			07/12/21 12:09	1
Toluene	ND		1.0	0.51	ug/L			07/12/21 12:09	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/12/21 12:09	1
m-Xylene & p-Xylene	ND		2.0	0.66	ug/L			07/12/21 12:09	1
o-Xylene	ND		1.0	0.76	ug/L			07/12/21 12:09	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/12/21 12:09	1
Total BTEX	ND		2.0	1.0	ug/L			07/12/21 12:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*80 - 120*		*07/12/21 12:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*		*07/12/21 12:09*	*1*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*07/12/21 12:09*	*1*
Dibromofluoromethane (Surr)	*108*		*75 - 123*		*07/12/21 12:09*	*1*

Lab Sample ID: LCS 480-588678/10
Matrix: Water
Analysis Batch: 588678

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	25.0	23.2		ug/L		93	71 - 124
Toluene	25.0	21.8		ug/L		87	80 - 122
Ethylbenzene	25.0	21.7		ug/L		87	77 - 123
m-Xylene & p-Xylene	25.0	23.1		ug/L		92	76 - 122
o-Xylene	25.0	21.3		ug/L		85	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*100*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*
Dibromofluoromethane (Surr)	*111*		*75 - 123*

Lab Sample ID: 480-187037-5 MS
Matrix: Water
Analysis Batch: 588678

Client Sample ID: MW-7BS_20210708
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	29		50.0	85.3		ug/L		112	71 - 124
Toluene	2.4		50.0	54.6		ug/L		105	80 - 122
Ethylbenzene	6.9		50.0	61.3		ug/L		109	77 - 123
m-Xylene & p-Xylene	2.7	J	50.0	60.0		ug/L		115	76 - 122
o-Xylene	3.6		50.0	58.3		ug/L		109	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*98*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*
Dibromofluoromethane (Surr)	*109*		*75 - 123*

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

Lab Sample ID: 480-187037-5 MSD
Matrix: Water
Analysis Batch: 588678

Client Sample ID: MW-7BS_20210708
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	29		50.0	79.5		ug/L		100	71 - 124	7	13
Toluene	2.4		50.0	52.1		ug/L		99	80 - 122	5	15
Ethylbenzene	6.9		50.0	58.0		ug/L		102	77 - 123	6	15
m-Xylene & p-Xylene	2.7	J	50.0	57.7		ug/L		110	76 - 122	4	16
o-Xylene	3.6		50.0	54.3		ug/L		101	76 - 122	7	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*100*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*
Dibromofluoromethane (Surr)	*107*		*75 - 123*

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

Lab Sample ID: MB 480-588811/1-A
Matrix: Water
Analysis Batch: 589326

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 588811

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0	0.41	ug/L		07/13/21 07:10	07/16/21 13:57	1
Acenaphthylene	ND		5.0	0.38	ug/L		07/13/21 07:10	07/16/21 13:57	1
Anthracene	ND		5.0	0.28	ug/L		07/13/21 07:10	07/16/21 13:57	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		07/13/21 07:10	07/16/21 13:57	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		07/13/21 07:10	07/16/21 13:57	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		07/13/21 07:10	07/16/21 13:57	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		07/13/21 07:10	07/16/21 13:57	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		07/13/21 07:10	07/16/21 13:57	1
Chrysene	ND		5.0	0.33	ug/L		07/13/21 07:10	07/16/21 13:57	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		07/13/21 07:10	07/16/21 13:57	1
Fluoranthene	ND		5.0	0.40	ug/L		07/13/21 07:10	07/16/21 13:57	1
Fluorene	ND		5.0	0.36	ug/L		07/13/21 07:10	07/16/21 13:57	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		07/13/21 07:10	07/16/21 13:57	1
Naphthalene	ND		5.0	0.76	ug/L		07/13/21 07:10	07/16/21 13:57	1
Phenanthrene	0.518	J	5.0	0.44	ug/L		07/13/21 07:10	07/16/21 13:57	1
Pyrene	ND		5.0	0.34	ug/L		07/13/21 07:10	07/16/21 13:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*97*		*48 - 120*	*07/13/21 07:10*	*07/16/21 13:57*	*1*
Nitrobenzene-d5 (Surr)	*88*		*46 - 120*	*07/13/21 07:10*	*07/16/21 13:57*	*1*
p-Terphenyl-d14 (Surr)	*111*		*60 - 148*	*07/13/21 07:10*	*07/16/21 13:57*	*1*

Lab Sample ID: LCS 480-588811/2-A
Matrix: Water
Analysis Batch: 589326

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 588811

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	32.0	30.9		ug/L		97	60 - 120
Acenaphthylene	32.0	32.1		ug/L		100	63 - 120

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

Lab Sample ID: LCS 480-588811/2-A
Matrix: Water
Analysis Batch: 589326

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 588811

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Anthracene	32.0	33.5		ug/L		105	67 - 120
Benzo[a]anthracene	32.0	35.0		ug/L		109	70 - 121
Benzo[a]pyrene	32.0	31.4		ug/L		98	60 - 123
Benzo[b]fluoranthene	32.0	33.5		ug/L		105	66 - 126
Benzo[g,h,i]perylene	32.0	34.3		ug/L		107	66 - 150
Benzo[k]fluoranthene	32.0	33.1		ug/L		103	65 - 124
Chrysene	32.0	33.8		ug/L		106	69 - 120
Dibenz(a,h)anthracene	32.0	35.3		ug/L		110	65 - 135
Fluoranthene	32.0	34.6		ug/L		108	69 - 126
Fluorene	32.0	32.4		ug/L		101	66 - 120
Indeno[1,2,3-cd]pyrene	32.0	34.1		ug/L		106	69 - 146
Naphthalene	32.0	29.3		ug/L		92	57 - 120
Phenanthrene	32.0	33.9		ug/L		106	68 - 120
Pyrene	32.0	34.6		ug/L		108	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*99*		*48 - 120*
Nitrobenzene-d5 (Surr)	*97*		*46 - 120*
p-Terphenyl-d14 (Surr)	*108*		*60 - 148*

Lab Sample ID: 480-187037-5 MS
Matrix: Water
Analysis Batch: 589326

Client Sample ID: MW-7BS_20210708
Prep Type: Total/NA
Prep Batch: 588811

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	12		32.0	46.7		ug/L		108	48 - 120
Acenaphthylene	2.7	J	32.0	35.3		ug/L		102	63 - 120
Anthracene	1.2	J	32.0	36.0		ug/L		109	65 - 122
Benzo[a]anthracene	ND		32.0	34.0		ug/L		106	43 - 124
Benzo[a]pyrene	ND		32.0	30.0		ug/L		94	23 - 125
Benzo[b]fluoranthene	ND		32.0	31.1		ug/L		97	27 - 127
Benzo[g,h,i]perylene	ND		32.0	31.3		ug/L		98	16 - 147
Benzo[k]fluoranthene	ND		32.0	31.2		ug/L		97	20 - 124
Chrysene	ND		32.0	33.1		ug/L		103	44 - 122
Dibenz(a,h)anthracene	ND		32.0	32.5		ug/L		102	16 - 139
Fluoranthene	1.5	J	32.0	35.9		ug/L		108	63 - 129
Fluorene	3.3	J	32.0	37.7		ug/L		107	62 - 120
Indeno[1,2,3-cd]pyrene	ND		32.0	31.3		ug/L		98	16 - 140
Naphthalene	ND		32.0	28.9		ug/L		90	45 - 120
Phenanthrene	8.3	B	32.0	41.4		ug/L		103	65 - 122
Pyrene	1.8	J	32.0	37.8		ug/L		112	58 - 128

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*101*		*48 - 120*
Nitrobenzene-d5 (Surr)	*98*		*46 - 120*
p-Terphenyl-d14 (Surr)	*83*		*60 - 148*

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

Lab Sample ID: 480-187037-5 MSD
Matrix: Water
Analysis Batch: 589326

Client Sample ID: MW-7BS_20210708
Prep Type: Total/NA
Prep Batch: 588811

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	12		32.0	42.3		ug/L		94	48 - 120	10	24
Acenaphthylene	2.7	J	32.0	33.7		ug/L		97	63 - 120	5	18
Anthracene	1.2	J	32.0	34.4		ug/L		104	65 - 122	5	15
Benzo[a]anthracene	ND		32.0	33.3		ug/L		104	43 - 124	2	15
Benzo[a]pyrene	ND		32.0	28.8		ug/L		90	23 - 125	4	15
Benzo[b]fluoranthene	ND		32.0	30.0		ug/L		94	27 - 127	4	15
Benzo[g,h,i]perylene	ND		32.0	29.4		ug/L		92	16 - 147	6	15
Benzo[k]fluoranthene	ND		32.0	29.1		ug/L		91	20 - 124	7	22
Chrysene	ND		32.0	32.0		ug/L		100	44 - 122	3	15
Dibenz(a,h)anthracene	ND		32.0	30.8		ug/L		96	16 - 139	5	15
Fluoranthene	1.5	J	32.0	33.9		ug/L		101	63 - 129	6	15
Fluorene	3.3	J	32.0	35.8		ug/L		101	62 - 120	5	15
Indeno[1,2,3-cd]pyrene	ND		32.0	30.1		ug/L		94	16 - 140	4	15
Naphthalene	ND		32.0	28.2		ug/L		88	45 - 120	2	29
Phenanthrene	8.3	B	32.0	42.2		ug/L		106	65 - 122	2	15
Pyrene	1.8	J	32.0	36.7		ug/L		109	58 - 128	3	19

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*93*		*48 - 120*
Nitrobenzene-d5 (Surr)	*92*		*46 - 120*
p-Terphenyl-d14 (Surr)	*84*		*60 - 148*

GC/MS VOA

Analysis Batch: 588678

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-187037-1	MW-2B_20210708	Total/NA	Water	8260C	
480-187037-2	MW-6B_ 20210708	Total/NA	Water	8260C	
480-187037-3	MW-9B_ 20210708	Total/NA	Water	8260C	
480-187037-4	MW-7BD_20210708	Total/NA	Water	8260C	
480-187037-5	MW-7BS_20210708	Total/NA	Water	8260C	
480-187037-6	MW-7BS_20210708-A	Total/NA	Water	8260C	
480-187037-7	MW-3B_20210708	Total/NA	Water	8260C	
480-187037-8	MW-1B_20210709	Total/NA	Water	8260C	
480-187037-9	MW-11B_20210709	Total/NA	Water	8260C	
480-187037-10	TB20210709	Total/NA	Water	8260C	
MB 480-588678/9	Method Blank	Total/NA	Water	8260C	
LCS 480-588678/10	Lab Control Sample	Total/NA	Water	8260C	
480-187037-5 MS	MW-7BS_20210708	Total/NA	Water	8260C	
480-187037-5 MSD	MW-7BS_20210708	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 588811

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-187037-1 - DL	MW-2B_20210708	Total/NA	Water	3510C	
480-187037-1	MW-2B_20210708	Total/NA	Water	3510C	
480-187037-2	MW-6B_ 20210708	Total/NA	Water	3510C	
480-187037-3	MW-9B_ 20210708	Total/NA	Water	3510C	
480-187037-4	MW-7BD_20210708	Total/NA	Water	3510C	
480-187037-4 - DL	MW-7BD_20210708	Total/NA	Water	3510C	
480-187037-5	MW-7BS_20210708	Total/NA	Water	3510C	
480-187037-6	MW-7BS_20210708-A	Total/NA	Water	3510C	
480-187037-7 - DL	MW-3B_20210708	Total/NA	Water	3510C	
480-187037-7	MW-3B_20210708	Total/NA	Water	3510C	
480-187037-8	MW-1B_20210709	Total/NA	Water	3510C	
480-187037-9	MW-11B_20210709	Total/NA	Water	3510C	
MB 480-588811/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-588811/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-187037-5 MS	MW-7BS_20210708	Total/NA	Water	3510C	
480-187037-5 MSD	MW-7BS_20210708	Total/NA	Water	3510C	

Analysis Batch: 589326

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-187037-1	MW-2B_20210708	Total/NA	Water	8270D	588811
480-187037-2	MW-6B_ 20210708	Total/NA	Water	8270D	588811
480-187037-3	MW-9B_ 20210708	Total/NA	Water	8270D	588811
480-187037-4	MW-7BD_20210708	Total/NA	Water	8270D	588811
480-187037-5	MW-7BS_20210708	Total/NA	Water	8270D	588811
480-187037-6	MW-7BS_20210708-A	Total/NA	Water	8270D	588811
480-187037-7	MW-3B_20210708	Total/NA	Water	8270D	588811
480-187037-8	MW-1B_20210709	Total/NA	Water	8270D	588811
480-187037-9	MW-11B_20210709	Total/NA	Water	8270D	588811
MB 480-588811/1-A	Method Blank	Total/NA	Water	8270D	588811
LCS 480-588811/2-A	Lab Control Sample	Total/NA	Water	8270D	588811
480-187037-5 MS	MW-7BS_20210708	Total/NA	Water	8270D	588811
480-187037-5 MSD	MW-7BS_20210708	Total/NA	Water	8270D	588811

QC Association Summary

Client: Parsons Corporation
Project/Site: Plattsburgh Bridge St.

Job ID: 480-187037-1

GC/MS Semi VOA

Analysis Batch: 589673

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-187037-1 - DL	MW-2B_20210708	Total/NA	Water	8270D	588811
480-187037-4 - DL	MW-7BD_20210708	Total/NA	Water	8270D	588811
480-187037-7 - DL	MW-3B_20210708	Total/NA	Water	8270D	588811

Lab Chronicle

Client: Parsons Corporation
Project/Site: Plattsburgh Bridge St.

Job ID: 480-187037-1

Client Sample ID: MW-2B_20210708

Lab Sample ID: 480-187037-1

Date Collected: 07/08/21 08:05

Matrix: Water

Date Received: 07/10/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		25	588678	07/12/21 15:29	ATG	TAL BUF
Total/NA	Prep	3510C			588811	07/13/21 07:10	SMP	TAL BUF
Total/NA	Analysis	8270D		50	589326	07/16/21 18:04	JMM	TAL BUF
Total/NA	Prep	3510C	DL		588811	07/13/21 07:10	SMP	TAL BUF
Total/NA	Analysis	8270D	DL	400	589673	07/20/21 20:31	JMM	TAL BUF

Client Sample ID: MW-6B_ 20210708

Lab Sample ID: 480-187037-2

Date Collected: 07/08/21 08:20

Matrix: Water

Date Received: 07/10/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		8	588678	07/12/21 15:52	ATG	TAL BUF
Total/NA	Prep	3510C			588811	07/13/21 07:10	SMP	TAL BUF
Total/NA	Analysis	8270D		100	589326	07/16/21 18:32	JMM	TAL BUF

Client Sample ID: MW-9B_ 20210708

Lab Sample ID: 480-187037-3

Date Collected: 07/08/21 08:40

Matrix: Water

Date Received: 07/10/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	588678	07/12/21 16:15	ATG	TAL BUF
Total/NA	Prep	3510C			588811	07/13/21 07:10	SMP	TAL BUF
Total/NA	Analysis	8270D		1	589326	07/16/21 19:00	JMM	TAL BUF

Client Sample ID: MW-7BD_20210708

Lab Sample ID: 480-187037-4

Date Collected: 07/08/21 09:00

Matrix: Water

Date Received: 07/10/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		25	588678	07/12/21 16:38	ATG	TAL BUF
Total/NA	Prep	3510C			588811	07/13/21 07:10	SMP	TAL BUF
Total/NA	Analysis	8270D		20	589326	07/16/21 19:27	JMM	TAL BUF
Total/NA	Prep	3510C	DL		588811	07/13/21 07:10	SMP	TAL BUF
Total/NA	Analysis	8270D	DL	500	589673	07/20/21 20:58	JMM	TAL BUF

Client Sample ID: MW-7BS_20210708

Lab Sample ID: 480-187037-5

Date Collected: 07/08/21 09:25

Matrix: Water

Date Received: 07/10/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	588678	07/12/21 17:01	ATG	TAL BUF
Total/NA	Prep	3510C			588811	07/13/21 07:10	SMP	TAL BUF
Total/NA	Analysis	8270D		1	589326	07/16/21 15:47	JMM	TAL BUF

Lab Chronicle

Client: Parsons Corporation
Project/Site: Plattsburgh Bridge St.

Job ID: 480-187037-1

Client Sample ID: MW-7BS_20210708-A

Lab Sample ID: 480-187037-6

Date Collected: 07/08/21 09:30
Matrix: Water
Date Received: 07/10/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	588678	07/12/21 17:24	ATG	TAL BUF
Total/NA	Prep	3510C			588811	07/13/21 07:10	SMP	TAL BUF
Total/NA	Analysis	8270D		1	589326	07/16/21 19:55	JMM	TAL BUF

Client Sample ID: MW-3B_20210708

Lab Sample ID: 480-187037-7

Date Collected: 07/08/21 17:30
Matrix: Water
Date Received: 07/10/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		20	588678	07/12/21 17:47	ATG	TAL BUF
Total/NA	Prep	3510C			588811	07/13/21 07:10	SMP	TAL BUF
Total/NA	Analysis	8270D		1	589326	07/16/21 20:22	JMM	TAL BUF
Total/NA	Prep	3510C	DL		588811	07/13/21 07:10	SMP	TAL BUF
Total/NA	Analysis	8270D	DL	50	589673	07/20/21 21:26	JMM	TAL BUF

Client Sample ID: MW-1B_20210709

Lab Sample ID: 480-187037-8

Date Collected: 07/09/21 07:10
Matrix: Water
Date Received: 07/10/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	588678	07/12/21 18:10	ATG	TAL BUF
Total/NA	Prep	3510C			588811	07/13/21 07:10	SMP	TAL BUF
Total/NA	Analysis	8270D		1	589326	07/16/21 20:50	JMM	TAL BUF

Client Sample ID: MW-11B_20210709

Lab Sample ID: 480-187037-9

Date Collected: 07/09/21 07:30
Matrix: Water
Date Received: 07/10/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	588678	07/12/21 18:33	ATG	TAL BUF
Total/NA	Prep	3510C			588811	07/13/21 07:10	SMP	TAL BUF
Total/NA	Analysis	8270D		5	589326	07/16/21 21:17	JMM	TAL BUF

Client Sample ID: TB20210709

Lab Sample ID: 480-187037-10

Date Collected: 07/09/21 08:00
Matrix: Water
Date Received: 07/10/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	588678	07/12/21 18:57	ATG	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: Parsons Corporation
Project/Site: Plattsburgh Bridge St.

Job ID: 480-187037-1

Laboratory: Eurofins TestAmerica, 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	04-01-22

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: Parsons Corporation
Project/Site: Plattsburgh Bridge St.

Job ID: 480-187037-1

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

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: Parsons Corporation
Job ID: 480-187037-1
Project/Site: Plattsburgh Bridge St.

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-187037-1	MW-2B_20210708	Water	07/08/21 08:05	07/10/21 08:00
480-187037-2	MW-6B_ 20210708	Water	07/08/21 08:20	07/10/21 08:00
480-187037-3	MW-9B_ 20210708	Water	07/08/21 08:40	07/10/21 08:00
480-187037-4	MW-7BD_20210708	Water	07/08/21 09:00	07/10/21 08:00
480-187037-5	MW-7BS_20210708	Water	07/08/21 09:25	07/10/21 08:00
480-187037-5 MS	MW-7BS_20210708	Water	07/08/21 09:25	07/10/21 08:00
480-187037-5 MSD	MW-7BS_20210708	Water	07/08/21 09:25	07/10/21 08:00
480-187037-6	MW-7BS_20210708-A	Water	07/08/21 09:30	07/10/21 08:00
480-187037-7	MW-3B_20210708	Water	07/08/21 17:30	07/10/21 08:00
480-187037-8	MW-1B_20210709	Water	07/09/21 07:10	07/10/21 08:00
480-187037-9	MW-11B_20210709	Water	07/09/21 07:30	07/10/21 08:00
480-187037-10	TB20210709	Water	07/09/21 08:00	07/10/21 08:00

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing America

Syracuse

Client Information	Sampler: HENRY FRENTZEL	Lab PM: Fischer, Brian J	Carrier Tracking No(s): #225	COC No: 480-162723-35727.1
Client Contact: Stephen Liberatore	Phone: 315-418-7279	E-Mail: Brian.Fischer@Eurofinset.com	State of Origin:	Page: Page 1 of 2
Company: Parsons Corporation	PWSID:			Job #:
Address: 301 Plainfield Road Suite 350	Due Date Requested:			
City: Syracuse	TAT Requested (days): STANDARD			
State, Zip: NY, 13212	Compliance Project: Δ Yes Δ No			
Phone: 315-418-8767(Tel)	PO #: ~~452174.60214.05~~ 452686.01000			
Email: stephen.liberatore@parsons.com	WO #:			
Project Name: Plattsburgh, NY - Construction Project	Project #: ~~48022419~~ PLATTSBURGH BRIDGE ST			
Site: PLATTSBURGH BRIDGE ST.	SSOW#: STREET			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	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		
MW-2B_20210708	7/8/21	0805	G	Water	N	N	X	X		
MW-6B_20210708	7/8/21	0820	G	Water	N	N	X	X		
MW-9B_20210708	7/8/21	0840	G	Water	N	N	X	X		
MW-7BD_20210708	7/8/21	0900	G	Water	N	N	X	X		
MW-7BS_20210708	7/8/21	0925	G	Water	N	Y	X	X		
MW-7BS_20210708-A	7/8/21	0930	G	Water	N	N	X	X	5	
MW-3B_20210708	7/8/21	1730	G	Water	N	N	X	X	5	
MW-1B_20210709	7/9/21	0710	G	Water	N	N	X	X	5	
MW-11B_20210709	7/9/21	0730	G	Water	N	N	X	X	2	
TB20210709	7/9/21	0800	G	Water	N	N		X		
	RE			Water						

480-187037 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) LEVEL IV

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:			
Relinquished by:	Date/Time: 7/9/21 1217	Company PA ESOMP	Received by:	Date/Time: 7/9/21 1217	Company ES-SYR		
Relinquished by: RELINQ	Date/Time: 7-9-21 1900	Company	Received by:	Date/Time:	Company		
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 7/10/21 0800	Company TAT		
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 3.6 #1				

Ver: 11/01/2020

Login Sample Receipt Checklist

Client: Parsons Corporation

Job Number: 480-187037-1

Login Number: 187037
List Number: 1
Creator: Stopa, Erik S

List Source: Eurofins TestAmerica, 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	PARSONS
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

APPENDIX C

Summary of Historic Bedrock Groundwater Analytical Data

(As prepared by URS in the 2014 OM&M Report)

APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-01B	MW-01B	MW-01B	MW-01B	MW-01B
Sample ID			BSGUD021B	DUP-01/28/02	BSGUD0101	BSGUD0101_9/21/05	MW-1B(09/12/2006)
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/28/02	01/28/02	09/16/04	09/21/05	09/12/06
Parameter	**Units**	**Criteria***		Field Duplicate (1-1)			
Volatile Organic Compounds							
Benzene	UG/L	1	4	4	0.643 J	0.9 J	5 U
Ethylbenzene	UG/L	5	1 U	1 U	1 U	0.8 U	5 U
Toluene	UG/L	5	1 U	1 U	0.382 J	0.7 U	5 U
Xylene (total)	UG/L	5	1 U	1 U	2 U	0.8 U	5 U
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	4	4	1.025	0.9	ND
Semivolatile Organic Compounds							
2,4,6-Trichlorophenol	UG/L	1	10 U	10 U	NA	NA	NA
2,4-Dinitrotoluene	UG/L	5	10 U	10 U	NA	NA	NA
1,2-Diphenylhydrazine	UG/L	ND	10 U	10 U	NA	NA	NA
Hexachlorobenzene	UG/L	0.04	10 U	10 U	NA	NA	NA
Hexachloroethane	UG/L	5	10 U	10 U	NA	NA	NA
Nitrobenzene	UG/L	0.4	10 U	10 U	NA	NA	NA
1,2,4-Trichlorobenzene	UG/L	5	10 U	10 U	NA	NA	NA
2,4-Dichlorophenol	UG/L	5	10 U	10 U	NA	NA	NA
Pentachlorophenol	UG/L	1	50 U	50 U	NA	NA	NA
2,4-Dimethylphenol	UG/L	50 GV	10 U	10 U	NA	NA	NA
2,4-Dinitrophenol	UG/L	10 GV	50 U	50 U	NA	NA	NA
1,2-Dichlorobenzene	UG/L	3	10 U	10 U	NA	NA	NA
2,6-Dinitrotoluene	UG/L	5	10 U	10 U	NA	NA	NA
2-Chloronaphthalene	UG/L	10 GV	10 U	10 U	NA	NA	NA
2-Chlorophenol	UG/L	1	10 U	10 U	NA	NA	NA
2-Methylnaphthalene	UG/L	NS	10 U	10 U	9.43 U	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

NA - Not Analyzed. ND - Not Detected. U - Not detected above the reported quantitation limit.

J - The reported concentration is an estimated value. D - Result reported from a secondary dilution analysis.

Detection Limits shown are PQL

J:\Projects\11175784\DB\DB Files From Clifton Park\EDMS.mde
Printed: 6/12/2014 10:13:07 AM
WHERE [MATRIX] = 'WG' AND [LOCID] LIKE 'MW-*';

APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-01B	MW-01B	MW-01B	MW-01B	MW-01B
Sample ID			BSGUD021B	DUP-01/28/02	BSGUD0101	BSGUD0101_9/21/05	MW-1B(09/12/2006)
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/28/02	01/28/02	09/16/04	09/21/05	09/12/06
Parameter	**Units**	**Criteria***		Field Duplicate (1-1)			
Semivolatile Organic Compounds							
2-Nitrophenol	UG/L	1	10 U	10 U	NA	NA	NA
3,3'-Dichlorobenzidine	UG/L	5	20 U	20 U	NA	NA	NA
1,3-Dichlorobenzene	UG/L	3	10 U	10 U	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/L	1	50 U	50 U	NA	NA	NA
4-Bromophenyl-phenylether	UG/L	NS	10 U	10 U	NA	NA	NA
1,4-Dichlorobenzene	UG/L	3	10 U	10 U	NA	NA	NA
4-Chlorophenyl-phenylether	UG/L	NS	10 U	10 U	NA	NA	NA
4-Chloro-3-methylphenol	UG/L	1	10 U	10 U	NA	NA	NA
4-Nitrophenol	UG/L	1	50 U	50 U	NA	NA	NA
Acenaphthene	UG/L	20 GV	10 U	10 U	9.43 U	NA	5 U
Acenaphthylene	UG/L	NS	10 U	10 U	9.43 U	NA	5 U
Anthracene	UG/L	50 GV	10 U	10 U	9.43 U	NA	5 U
Benzidine	UG/L	5	80 U	80 U	NA	NA	NA
Benzo(a)anthracene	UG/L	0.002 GV	10 U	10 U	9.43 U	NA	5 U
Benzo(a)pyrene	UG/L	ND	10 U	10 U	9.43 U	NA	5 U
Benzo(b)fluoranthene	UG/L	0.002 GV	10 U	10 U	9.43 U	NA	5 U
Benzo(g,h,i)perylene	UG/L	NS	10 U	10 U	9.43 U	NA	5 U
Benzo(k)fluoranthene	UG/L	0.002 GV	10 U	10 U	9.43 U	NA	5 U
bis(2-Chloroisopropyl)ether	UG/L	NS	10 U	10 U	NA	NA	NA
bis(2-Chloroethoxy)methane	UG/L	5	10 U	10 U	NA	NA	NA
bis(2-Chloroethyl)ether	UG/L	1	10 U	10 U	NA	NA	NA
bis(2-Ethylhexyl)phthalate	UG/L	5	10 U	10 U	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

NA - Not Analyzed. ND - Not Detected. U - Not detected above the reported quantitation limit.

J - The reported concentration is an estimated value. D - Result reported from a secondary dilution analysis.

Detection Limits shown are PQL

APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-01B	MW-01B	MW-01B	MW-01B	MW-01B
Sample ID			BSGUD021B	DUP-01/28/02	BSGUD0101	BSGUD0101_9/21/05	MW-1B(09/12/2006)
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/28/02	01/28/02	09/16/04	09/21/05	09/12/06
Parameter	**Units**	**Criteria***		Field Duplicate (1-1)			
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	10 U	10 U	NA	NA	NA
Chrysene	UG/L	0.002 GV	10 U	10 U	9.43 U	NA	5 U
Dibenz(a,h)anthracene	UG/L	NS	10 U	10 U	9.43 U	NA	5 U
Dibenzofuran	UG/L	NS	NA	NA	NA	NA	NA
Diethylphthalate	UG/L	50 GV	10 U	10 U	NA	NA	NA
Dimethylphthalate	UG/L	50 GV	10 U	10 U	NA	NA	NA
Di-n-butylphthalate	UG/L	50	10 U	10 U	NA	NA	NA
Hexachlorobutadiene	UG/L	0.5	10 U	10 U	NA	NA	NA
Di-n-octylphthalate	UG/L	50 GV	10 U	10 U	NA	NA	NA
Fluoranthene	UG/L	50 GV	10 U	10 U	9.43 U	NA	5 U
Fluorene	UG/L	50 GV	10 U	10 U	9.43 U	NA	5 U
Hexachlorocyclopentadiene	UG/L	5	10 U	10 U	NA	NA	NA
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	10 U	10 U	9.43 U	NA	5 U
Isophorone	UG/L	50 GV	10 U	10 U	NA	NA	NA
Naphthalene	UG/L	10 GV	10 U	10 U	9.43 U	NA	22
N-Nitrosodimethylamine	UG/L	NS	10 U	10 U	NA	NA	NA
N-Nitrosodiphenylamine	UG/L	50 GV	10 U	10 U	NA	NA	NA
Phenanthrene	UG/L	50 GV	10 U	10 U	9.43 U	NA	5 U
Phenol	UG/L	1	10 U	10 U	NA	NA	NA
Pyrene	UG/L	50 GV	10 U	10 U	9.43 U	NA	5 U
Total Polynuclear Aromatic Hydrocarbons	UG/L	-	ND	ND	ND	NA	22
Total Semivolatile Organic Compounds	UG/L	-	ND	ND	ND	NA	22

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

NA - Not Analyzed. ND - Not Detected. U - Not detected above the reported quantitation limit.

J - The reported concentration is an estimated value. D - Result reported from a secondary dilution analysis.

Detection Limits shown are PQL

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WHERE [MATRIX] = 'WG' AND [LOCID] LIKE 'MW-*';

APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-01B	MW-01B	MW-01B	MW-01B	MW-01B
Sample ID			BSGUD021B	DUP-01/28/02	BSGUD0101	BSGUD0101_9/21/05	MW-1B(09/12/2006)
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/28/02	01/28/02	09/16/04	09/21/05	09/12/06
Parameter	**Units**	**Criteria***		Field Duplicate (1-1)			
Metals							
Aluminum	UG/L	NS	400	500	NA	NA	NA
Antimony	UG/L	3	60 U	60 U	NA	NA	NA
Arsenic	UG/L	25	5 U	5 U	NA	NA	NA
Barium	UG/L	1000	40	40	NA	NA	NA
Cadmium	UG/L	5	5 U	5 U	NA	NA	NA
Chromium	UG/L	50	5 U	8	NA	NA	NA
Copper	UG/L	200	5 U	6 U	NA	NA	NA
Iron	UG/L	300	920	370	NA	NA	NA
Lead	UG/L	25	5 U	5 U	NA	NA	NA
Manganese	UG/L	300	20 U	20 U	NA	NA	NA
Mercury	UG/L	0.7	0.4 U	0.4 U	NA	NA	NA
Nickel	UG/L	100	50 U	50 U	NA	NA	NA
Selenium	UG/L	10	5 U	5 U	NA	NA	NA
Silver	UG/L	50	20 U	20 U	NA	NA	NA
Vanadium	UG/L	NS	50 U	50 U	NA	NA	NA
Zinc	UG/L	2000 GV	10 U	10 U	NA	NA	NA
Miscellaneous Parameters							
Cyanide	UG/L	200	10 U	10 U	10 U	5 U	10 U
Free Cyanide	UG/L	NS	10 U	10 U	NA	NA	NA
Phenolics, Total Recoverable	UG/L	1	2 U	2 U	7.13	24 U	40 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-01B	MW-01B	MW-01B	MW-01B	MW-01B
Sample ID			MW-01B 10/17/07	MW-1B	MW-1B	MW-1B	MW-1B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/28/08	12/18/09	04/01/11	08/02/12
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
Benzene	UG/L	1	0.8 J	1 J	5 U	1.0 U	0.43 J
Ethylbenzene	UG/L	5	0.8 U	5 U	5 U	1.4	0.97 J
Toluene	UG/L	5	0.7 U	5 U	5 U	0.68 J	1.0 U
Xylene (total)	UG/L	5	0.8 U	5 U	5 U	4.0	1.3 J
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	0.8	1	ND	6.08	2.7
Semivolatile Organic Compounds							
2,4,6-Trichlorophenol	UG/L	1	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	UG/L	5	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	UG/L	ND	NA	NA	NA	NA	NA
Hexachlorobenzene	UG/L	0.04	NA	NA	NA	NA	NA
Hexachloroethane	UG/L	5	NA	NA	NA	NA	NA
Nitrobenzene	UG/L	0.4	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	UG/L	5	NA	NA	NA	NA	NA
2,4-Dichlorophenol	UG/L	5	NA	NA	NA	NA	NA
Pentachlorophenol	UG/L	1	NA	NA	NA	NA	NA
2,4-Dimethylphenol	UG/L	50 GV	NA	NA	NA	NA	NA
2,4-Dinitrophenol	UG/L	10 GV	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	UG/L	5	NA	NA	NA	NA	NA
2-Chloronaphthalene	UG/L	10 GV	NA	NA	NA	NA	NA
2-Chlorophenol	UG/L	1	NA	NA	NA	NA	NA
2-Methylnaphthalene	UG/L	NS	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-01B	MW-01B	MW-01B	MW-01B	MW-01B
Sample ID			MW-01B 10/17/07	MW-1B	MW-1B	MW-1B	MW-1B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/28/08	12/18/09	04/01/11	08/02/12
Parameter	**Units**	**Criteria***					
Semivolatile Organic Compounds							
2-Nitrophenol	UG/L	1	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	UG/L	5	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/L	1	NA	NA	NA	NA	NA
4-Bromophenyl-phenylether	UG/L	NS	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	UG/L	NS	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol	UG/L	1	NA	NA	NA	NA	NA
4-Nitrophenol	UG/L	1	NA	NA	NA	NA	NA
Acenaphthene	UG/L	20 GV	1 U	NA	NA	NA	NA
Acenaphthylene	UG/L	NS	1 U	NA	NA	NA	NA
Anthracene	UG/L	50 GV	1 U	NA	NA	NA	NA
Benzidine	UG/L	5	NA	NA	NA	NA	NA
Benzo(a)anthracene	UG/L	0.002 GV	1 U	NA	NA	NA	NA
Benzo(a)pyrene	UG/L	ND	1 U	NA	NA	NA	NA
Benzo(b)fluoranthene	UG/L	0.002 GV	1 U	NA	NA	NA	NA
Benzo(g,h,i)perylene	UG/L	NS	1 U	NA	NA	NA	NA
Benzo(k)fluoranthene	UG/L	0.002 GV	1 U	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether	UG/L	NS	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	UG/L	5	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether	UG/L	1	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-01B	MW-01B	MW-01B	MW-01B	MW-01B
Sample ID			MW-01B 10/17/07	MW-1B	MW-1B	MW-1B	MW-1B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/28/08	12/18/09	04/01/11	08/02/12
Parameter	**Units**	**Criteria***					
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Chrysene	UG/L	0.002 GV	1 U	NA	NA	NA	NA
Dibenz(a,h)anthracene	UG/L	NS	1 U	NA	NA	NA	NA
Dibenzofuran	UG/L	NS	NA	NA	NA	NA	NA
Diethylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Dimethylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Di-n-butylphthalate	UG/L	50	NA	NA	NA	NA	NA
Hexachlorobutadiene	UG/L	0.5	NA	NA	NA	NA	NA
Di-n-octylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Fluoranthene	UG/L	50 GV	1 U	NA	NA	NA	NA
Fluorene	UG/L	50 GV	1 U	NA	NA	NA	NA
Hexachlorocyclopentadiene	UG/L	5	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	1 U	NA	NA	NA	NA
Isophorone	UG/L	50 GV	NA	NA	NA	NA	NA
Naphthalene	UG/L	10 GV	1 U	NA	NA	NA	NA
N-Nitrosodimethylamine	UG/L	NS	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	UG/L	50 GV	NA	NA	NA	NA	NA
Phenanthrene	UG/L	50 GV	1 U	NA	NA	NA	NA
Phenol	UG/L	1	NA	NA	NA	NA	NA
Pyrene	UG/L	50 GV	1 U	NA	NA	NA	NA
Total Polynuclear Aromatic Hydrocarbons	UG/L	-	ND	NA	NA	NA	NA
Total Semivolatile Organic Compounds	UG/L	-	ND	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-01B	MW-01B	MW-01B	MW-01B	MW-01B
Sample ID			MW-01B 10/17/07	MW-1B	MW-1B	MW-1B	MW-1B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/28/08	12/18/09	04/01/11	08/02/12
Parameter	**Units**	**Criteria***					
Metals							
Aluminum	UG/L	NS	NA	NA	NA	NA	NA
Antimony	UG/L	3	NA	NA	NA	NA	NA
Arsenic	UG/L	25	NA	NA	NA	NA	NA
Barium	UG/L	1000	NA	NA	NA	NA	NA
Cadmium	UG/L	5	NA	NA	NA	NA	NA
Chromium	UG/L	50	NA	NA	NA	NA	NA
Copper	UG/L	200	NA	NA	NA	NA	NA
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Mercury	UG/L	0.7	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Selenium	UG/L	10	NA	NA	NA	NA	NA
Silver	UG/L	50	NA	NA	NA	NA	NA
Vanadium	UG/L	NS	NA	NA	NA	NA	NA
Zinc	UG/L	2000 GV	NA	NA	NA	NA	NA
Miscellaneous Parameters							
Cyanide	UG/L	200	5 U	NA	10 U	NA	NA
Free Cyanide	UG/L	NS	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	UG/L	1	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-01B	MW-02B	MW-02B	MW-02B	MW-02B
Sample ID			MW-1B	BSGDD0202	BSGDD0102	DUP-09/16/04	BSGDD0102_9/21/05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			04/16/14	01/30/02	09/16/04	09/16/04	09/21/05
Parameter	**Units**	**Criteria***				Field Duplicate (1-1)	
Volatile Organic Compounds							
Benzene	UG/L	1	1.0 U	1,300	917	910	850
Ethylbenzene	UG/L	5	1.0 U	1,500	987	1,520	970
Toluene	UG/L	5	1.0 U	2,600	1,470	1,790	1,300
Xylene (total)	UG/L	5	2.0 U	2,800	1,800	2,800	1,600
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	ND	8,200	5,174	7,020	4,720
Semivolatile Organic Compounds							
2,4,6-Trichlorophenol	UG/L	1	NA	200 U	NA	NA	NA
2,4-Dinitrotoluene	UG/L	5	NA	200 U	NA	NA	NA
1,2-Diphenylhydrazine	UG/L	ND	NA	200 U	NA	NA	NA
Hexachlorobenzene	UG/L	0.04	NA	200 U	NA	NA	NA
Hexachloroethane	UG/L	5	NA	200 U	NA	NA	NA
Nitrobenzene	UG/L	0.4	NA	200 U	NA	NA	NA
1,2,4-Trichlorobenzene	UG/L	5	NA	200 U	NA	NA	NA
2,4-Dichlorophenol	UG/L	5	NA	200 U	NA	NA	NA
Pentachlorophenol	UG/L	1	NA	1,000 U	NA	NA	NA
2,4-Dimethylphenol	UG/L	50 GV	NA	200 U	NA	NA	NA
2,4-Dinitrophenol	UG/L	10 GV	NA	1,000 U	NA	NA	NA
1,2-Dichlorobenzene	UG/L	3	NA	200 U	NA	NA	NA
2,6-Dinitrotoluene	UG/L	5	NA	200 U	NA	NA	NA
2-Chloronaphthalene	UG/L	10 GV	NA	200 U	NA	NA	NA
2-Chlorophenol	UG/L	1	NA	200 U	NA	NA	NA
2-Methylnaphthalene	UG/L	NS	NA	170 J	556	457	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-01B	MW-02B	MW-02B	MW-02B	MW-02B
Sample ID			MW-1B	BSGDD0202	BSGDD0102	DUP-09/16/04	BSGDD0102_9/21/05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			04/16/14	01/30/02	09/16/04	09/16/04	09/21/05
Parameter	Units	Criteria*				Field Duplicate (1-1)	
Semivolatile Organic Compounds							
2-Nitrophenol	UG/L	1	NA	200 U	NA	NA	NA
3,3'-Dichlorobenzidine	UG/L	5	NA	400 U	NA	NA	NA
1,3-Dichlorobenzene	UG/L	3	NA	200 U	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/L	1	NA	1,000 U	NA	NA	NA
4-Bromophenyl-phenylether	UG/L	NS	NA	200 U	NA	NA	NA
1,4-Dichlorobenzene	UG/L	3	NA	200 U	NA	NA	NA
4-Chlorophenyl-phenylether	UG/L	NS	NA	200 U	NA	NA	NA
4-Chloro-3-methylphenol	UG/L	1	NA	200 U	NA	NA	NA
4-Nitrophenol	UG/L	1	NA	1,000 U	NA	NA	NA
Acenaphthene	UG/L	20 GV	NA	26 J	94.2 J	67.4	7,100
Acenaphthylene	UG/L	NS	NA	280	692	497	45,000
Anthracene	UG/L	50 GV	NA	200 U	190 J	115	16,000
Benzidine	UG/L	5	NA	1,600 U	NA	NA	NA
Benzo(a)anthracene	UG/L	0.002 GV	NA	200 U	122 J	70.2	11,000
Benzo(a)pyrene	UG/L	ND	NA	200 U	128 J	69.9	11,000
Benzo(b)fluoranthene	UG/L	0.002 GV	NA	200 U	54.3 J	31.6 J	8,700
Benzo(g,h,i)perylene	UG/L	NS	NA	200 U	92.9 J	94.2	6,600
Benzo(k)fluoranthene	UG/L	0.002 GV	NA	200 U	79.9 J	37.4 J	4,200
bis(2-Chloroisopropyl)ether	UG/L	NS	NA	200 U	NA	NA	NA
bis(2-Chloroethoxy)methane	UG/L	5	NA	200 U	NA	NA	NA
bis(2-Chloroethyl)ether	UG/L	1	NA	200 U	NA	NA	NA
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	200 U	NA	NA	NA

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NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-01B	MW-02B	MW-02B	MW-02B	MW-02B
Sample ID			MW-1B	BSGDD0202	BSGDD0102	DUP-09/16/04	BSGDD0102_9/21/05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			04/16/14	01/30/02	09/16/04	09/16/04	09/21/05
Parameter	Units	Criteria*				Field Duplicate (1-1)	
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	NA	200 U	NA	NA	NA
Chrysene	UG/L	0.002 GV	NA	200 U	117 J	67.7	9,800
Dibenz(a,h)anthracene	UG/L	NS	NA	200 U	243 U	13.3 J	1,000
Dibenzofuran	UG/L	NS	NA	NA	NA	NA	NA
Diethylphthalate	UG/L	50 GV	NA	200 U	NA	NA	NA
Dimethylphthalate	UG/L	50 GV	NA	200 U	NA	NA	NA
Di-n-butylphthalate	UG/L	50	NA	200 U	NA	NA	NA
Hexachlorobutadiene	UG/L	0.5	NA	200 U	NA	NA	NA
Di-n-octylphthalate	UG/L	50 GV	NA	200 U	NA	NA	NA
Fluoranthene	UG/L	50 GV	NA	200 U	348	208	33,000
Fluorene	UG/L	50 GV	NA	34 J	247	161	18,000
Hexachlorocyclopentadiene	UG/L	5	NA	200 U	NA	NA	NA
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	NA	200 U	55.5 J	71.5	4,500
Isophorone	UG/L	50 GV	NA	200 U	NA	NA	NA
Naphthalene	UG/L	10 GV	NA	3,000	4,130	4,030	150,000
N-Nitrosodimethylamine	UG/L	NS	NA	200 U	NA	NA	NA
N-Nitrosodiphenylamine	UG/L	50 GV	NA	200 U	NA	NA	NA
Phenanthrene	UG/L	50 GV	NA	68 J	950	30 J	79,000
Phenol	UG/L	1	NA	200 U	NA	NA	NA
Pyrene	UG/L	50 GV	NA	200 U	520	299	45,000
Total Polynuclear Aromatic Hydrocarbons	UG/L	-	NA	3,578	8,376.8	6,320.2	449,900
Total Semivolatile Organic Compounds	UG/L	-	NA	3,578	8,376.8	6,320.2	449,900

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NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-01B	MW-02B	MW-02B	MW-02B	MW-02B
Sample ID			MW-1B	BSGDD0202	BSGDD0102	DUP-09/16/04	BSGDD0102_9/21/05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			04/16/14	01/30/02	09/16/04	09/16/04	09/21/05
Parameter	**Units**	**Criteria***				Field Duplicate (1-1)	
Metals							
Aluminum	UG/L	NS	NA	19,000	NA	NA	NA
Antimony	UG/L	3	NA	60 U	NA	NA	NA
Arsenic	UG/L	25	NA	5 U	NA	NA	NA
Barium	UG/L	1000	NA	670	NA	NA	NA
Cadmium	UG/L	5	NA	5 U	NA	NA	NA
Chromium	UG/L	50	NA	20	NA	NA	NA
Copper	UG/L	200	NA	49	NA	NA	NA
Iron	UG/L	300	NA	24,000	NA	NA	NA
Lead	UG/L	25	NA	38	NA	NA	NA
Manganese	UG/L	300	NA	380	NA	NA	NA
Mercury	UG/L	0.7	NA	0.4 U	NA	NA	NA
Nickel	UG/L	100	NA	50 U	NA	NA	NA
Selenium	UG/L	10	NA	5 U	NA	NA	NA
Silver	UG/L	50	NA	20 U	NA	NA	NA
Vanadium	UG/L	NS	NA	50 U	NA	NA	NA
Zinc	UG/L	2000 GV	NA	70	NA	NA	NA
Miscellaneous Parameters							
Cyanide	UG/L	200	NA	10 U	10 U	10 U	5 U
Free Cyanide	UG/L	NS	NA	10 U	NA	NA	NA
Phenolics, Total Recoverable	UG/L	1	NA	36	106	118	12 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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Concentration Exceeds Criteria

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APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-02B	MW-02B	MW-02B	MW-02B	MW-02B
Sample ID			DUP 09/21/05	MW-2B(09/12/2006)	MW-02B 10/17/07	MW-2B	MW-2B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/21/05	09/12/06	10/17/07	10/28/08	12/18/09
Parameter	**Units**	**Criteria***	Field Duplicate (1-1)				
Volatile Organic Compounds							
Benzene	UG/L	1	870	1,600	1,700	1,400	1,500
Ethylbenzene	UG/L	5	1,000	1,400	2,300	1,300	2,900
Toluene	UG/L	5	1,400	2,400	3,600	2,400	4,100
Xylene (total)	UG/L	5	1,700	2,200	3,900	2,200	4,800
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	4,970	7,600	11,500	7,300	13,300
Semivolatile Organic Compounds							
2,4,6-Trichlorophenol	UG/L	1	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	UG/L	5	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	UG/L	ND	NA	NA	NA	NA	NA
Hexachlorobenzene	UG/L	0.04	NA	NA	NA	NA	NA
Hexachloroethane	UG/L	5	NA	NA	NA	NA	NA
Nitrobenzene	UG/L	0.4	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	UG/L	5	NA	NA	NA	NA	NA
2,4-Dichlorophenol	UG/L	5	NA	NA	NA	NA	NA
Pentachlorophenol	UG/L	1	NA	NA	NA	NA	NA
2,4-Dimethylphenol	UG/L	50 GV	NA	NA	NA	NA	NA
2,4-Dinitrophenol	UG/L	10 GV	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	UG/L	5	NA	NA	NA	NA	NA
2-Chloronaphthalene	UG/L	10 GV	NA	NA	NA	NA	NA
2-Chlorophenol	UG/L	1	NA	NA	NA	NA	NA
2-Methylnaphthalene	UG/L	NS	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-02B	MW-02B	MW-02B	MW-02B	MW-02B
Sample ID			DUP 09/21/05	MW-2B(09/12/2006)	MW-02B 10/17/07	MW-2B	MW-2B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/21/05	09/12/06	10/17/07	10/28/08	12/18/09
Parameter	**Units**	**Criteria***	Field Duplicate (1-1)				
Semivolatile Organic Compounds							
2-Nitrophenol	UG/L	1	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	UG/L	5	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/L	1	NA	NA	NA	NA	NA
4-Bromophenyl-phenylether	UG/L	NS	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	UG/L	NS	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol	UG/L	1	NA	NA	NA	NA	NA
4-Nitrophenol	UG/L	1	NA	NA	NA	NA	NA
Acenaphthene	UG/L	20 GV	19,000	90	11,000	67	NA
Acenaphthylene	UG/L	NS	120,000	690	54,000	500	NA
Anthracene	UG/L	50 GV	43,000	110	22,000	36	NA
Benzidine	UG/L	5	NA	NA	NA	NA	NA
Benzo(a)anthracene	UG/L	0.002 GV	31,000	68	15,000	13	NA
Benzo(a)pyrene	UG/L	ND	30,000	72	17,000	14	NA
Benzo(b)fluoranthene	UG/L	0.002 GV	21,000	53	12,000	11	NA
Benzo(g,h,i)perylene	UG/L	NS	17,000	51	12,000	9	NA
Benzo(k)fluoranthene	UG/L	0.002 GV	7,500	22	3,300	4 J	NA
bis(2-Chloroisopropyl)ether	UG/L	NS	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	UG/L	5	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether	UG/L	1	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-02B	MW-02B	MW-02B	MW-02B	MW-02B
Sample ID			DUP 09/21/05	MW-2B(09/12/2006)	MW-02B 10/17/07	MW-2B	MW-2B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/21/05	09/12/06	10/17/07	10/28/08	12/18/09
Parameter	**Units**	**Criteria***	Field Duplicate (1-1)				
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Chrysene	UG/L	0.002 GV	28,000	67	14,000	12	NA
Dibenz(a,h)anthracene	UG/L	NS	2,500	8	1,600	5 J	NA
Dibenzofuran	UG/L	NS	NA	NA	NA	NA	NA
Diethylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Dimethylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Di-n-butylphthalate	UG/L	50	NA	NA	NA	NA	NA
Hexachlorobutadiene	UG/L	0.5	NA	NA	NA	NA	NA
Di-n-octylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Fluoranthene	UG/L	50 GV	85,000	200	41,000	50	NA
Fluorene	UG/L	50 GV	50,000	200	27,000	100	NA
Hexachlorocyclopentadiene	UG/L	5	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	12,000	42	9,600	9	NA
Isophorone	UG/L	50 GV	NA	NA	NA	NA	NA
Naphthalene	UG/L	10 GV	380,000	6,000	200,000	6,900	NA
N-Nitrosodimethylamine	UG/L	NS	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	UG/L	50 GV	NA	NA	NA	NA	NA
Phenanthrene	UG/L	50 GV	200,000	570	110,000	220	NA
Phenol	UG/L	1	NA	NA	NA	NA	NA
Pyrene	UG/L	50 GV	120,000	280	49,000	68	NA
Total Polynuclear Aromatic Hydrocarbons	UG/L	-	1,166,000	8,523	598,500	8,018	NA
Total Semivolatile Organic Compounds	UG/L	-	1,166,000	8,523	598,500	8,018	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-02B	MW-02B	MW-02B	MW-02B	MW-02B
Sample ID			DUP 09/21/05	MW-2B(09/12/2006)	MW-02B 10/17/07	MW-2B	MW-2B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/21/05	09/12/06	10/17/07	10/28/08	12/18/09
Parameter	**Units**	**Criteria***	Field Duplicate (1-1)				
Metals							
Aluminum	UG/L	NS	NA	NA	NA	NA	NA
Antimony	UG/L	3	NA	NA	NA	NA	NA
Arsenic	UG/L	25	NA	NA	NA	NA	NA
Barium	UG/L	1000	NA	NA	NA	NA	NA
Cadmium	UG/L	5	NA	NA	NA	NA	NA
Chromium	UG/L	50	NA	NA	NA	NA	NA
Copper	UG/L	200	NA	NA	NA	NA	NA
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Mercury	UG/L	0.7	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Selenium	UG/L	10	NA	NA	NA	NA	NA
Silver	UG/L	50	NA	NA	NA	NA	NA
Vanadium	UG/L	NS	NA	NA	NA	NA	NA
Zinc	UG/L	2000 GV	NA	NA	NA	NA	NA
Miscellaneous Parameters							
Cyanide	UG/L	200	5 U	10 U	NA	10 U	10 U
Free Cyanide	UG/L	NS	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	UG/L	1	12 U	61	NA	51	200 U

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SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-02B	MW-02B	MW-02B	MW-02B	MW-03B
Sample ID			MW-12B	MW-2B	MW-2B	MW-2B	MW-3B 10/04/02
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			04/01/11	04/01/11	08/02/12	04/16/14	10/04/02
Parameter	**Units**	**Criteria***	Field Duplicate (1-1)				
Volatile Organic Compounds							
Benzene	UG/L	1	750	760	1,100 D	370	64
Ethylbenzene	UG/L	5	2,500 D	2,400 D	1,100 D	400	1 U
Toluene	UG/L	5	2,500 D	2,400 D	1,400 D	480	4
Xylene (total)	UG/L	5	3,800	3,700	1,600	720	1 U
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	9,550	9,260	5,200	1,970	68
Semivolatile Organic Compounds							
2,4,6-Trichlorophenol	UG/L	1	NA	NA	NA	NA	10 U
2,4-Dinitrotoluene	UG/L	5	NA	NA	NA	NA	10 U
1,2-Diphenylhydrazine	UG/L	ND	NA	NA	NA	NA	10 U
Hexachlorobenzene	UG/L	0.04	NA	NA	NA	NA	10 U
Hexachloroethane	UG/L	5	NA	NA	NA	NA	10 U
Nitrobenzene	UG/L	0.4	NA	NA	NA	NA	10 U
1,2,4-Trichlorobenzene	UG/L	5	NA	NA	NA	NA	10 U
2,4-Dichlorophenol	UG/L	5	NA	NA	NA	NA	10 U
Pentachlorophenol	UG/L	1	NA	NA	NA	NA	50 U
2,4-Dimethylphenol	UG/L	50 GV	NA	NA	NA	NA	10 U
2,4-Dinitrophenol	UG/L	10 GV	NA	NA	NA	NA	50 U
1,2-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	10 U
2,6-Dinitrotoluene	UG/L	5	NA	NA	NA	NA	10 U
2-Chloronaphthalene	UG/L	10 GV	NA	NA	NA	NA	10 U
2-Chlorophenol	UG/L	1	NA	NA	NA	NA	10 U
2-Methylnaphthalene	UG/L	NS	NA	NA	NA	NA	10 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-02B	MW-02B	MW-02B	MW-02B	MW-03B
Sample ID			MW-12B	MW-2B	MW-2B	MW-2B	MW-3B 10/04/02
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			04/01/11	04/01/11	08/02/12	04/16/14	10/04/02
Parameter	**Units**	**Criteria***	Field Duplicate (1-1)				
Semivolatile Organic Compounds							
2-Nitrophenol	UG/L	1	NA	NA	NA	NA	10 U
3,3'-Dichlorobenzidine	UG/L	5	NA	NA	NA	NA	20 U
1,3-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	10 U
4,6-Dinitro-2-methylphenol	UG/L	1	NA	NA	NA	NA	50 U
4-Bromophenyl-phenylether	UG/L	NS	NA	NA	NA	NA	10 U
1,4-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	10 U
4-Chlorophenyl-phenylether	UG/L	NS	NA	NA	NA	NA	10 U
4-Chloro-3-methylphenol	UG/L	1	NA	NA	NA	NA	10 U
4-Nitrophenol	UG/L	1	NA	NA	NA	NA	50 U
Acenaphthene	UG/L	20 GV	NA	NA	NA	42	10 U
Acenaphthylene	UG/L	NS	NA	NA	NA	260 D	10 U
Anthracene	UG/L	50 GV	NA	NA	NA	17	10 U
Benzidine	UG/L	5	NA	NA	NA	NA	80 U
Benzo(a)anthracene	UG/L	0.002 GV	NA	NA	NA	3.4 J	10 U
Benzo(a)pyrene	UG/L	ND	NA	NA	NA	2.7 J	10 U
Benzo(b)fluoranthene	UG/L	0.002 GV	NA	NA	NA	2.4 J	10 U
Benzo(g,h,i)perylene	UG/L	NS	NA	NA	NA	0.89 J	10 U
Benzo(k)fluoranthene	UG/L	0.002 GV	NA	NA	NA	0.78 J	10 U
bis(2-Chloroisopropyl)ether	UG/L	NS	NA	NA	NA	NA	10 U
bis(2-Chloroethoxy)methane	UG/L	5	NA	NA	NA	NA	10 U
bis(2-Chloroethyl)ether	UG/L	1	NA	NA	NA	NA	10 U
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	NA	NA	NA	10 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-02B	MW-02B	MW-02B	MW-02B	MW-03B
Sample ID			MW-12B	MW-2B	MW-2B	MW-2B	MW-3B 10/04/02
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			04/01/11	04/01/11	08/02/12	04/16/14	10/04/02
Parameter	**Units**	**Criteria***	Field Duplicate (1-1)				
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	NA	NA	NA	NA	10 U
Chrysene	UG/L	0.002 GV	NA	NA	NA	2.6 J	10 U
Dibenz(a,h)anthracene	UG/L	NS	NA	NA	NA	4.7 U	10 U
Dibenzofuran	UG/L	NS	NA	NA	NA	NA	10 U
Diethylphthalate	UG/L	50 GV	NA	NA	NA	NA	10 U
Dimethylphthalate	UG/L	50 GV	NA	NA	NA	NA	10 U
Di-n-butylphthalate	UG/L	50	NA	NA	NA	NA	10 U
Hexachlorobutadiene	UG/L	0.5	NA	NA	NA	NA	10 U
Di-n-octylphthalate	UG/L	50 GV	NA	NA	NA	NA	10 U
Fluoranthene	UG/L	50 GV	NA	NA	NA	17	10 U
Fluorene	UG/L	50 GV	NA	NA	NA	55	10 U
Hexachlorocyclopentadiene	UG/L	5	NA	NA	NA	NA	10 U
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	NA	NA	NA	4.7 U	10 U
Isophorone	UG/L	50 GV	NA	NA	NA	NA	10 U
Naphthalene	UG/L	10 GV	NA	NA	NA	2,400 D	10 U
N-Nitrosodimethylamine	UG/L	NS	NA	NA	NA	NA	10 U
N-Nitrosodiphenylamine	UG/L	50 GV	NA	NA	NA	NA	10 U
Phenanthrene	UG/L	50 GV	NA	NA	NA	130 D	10 U
Phenol	UG/L	1	NA	NA	NA	NA	10 U
Pyrene	UG/L	50 GV	NA	NA	NA	17	10 U
Total Polynuclear Aromatic Hydrocarbons	UG/L	-	NA	NA	NA	2,950.77	ND
Total Semivolatile Organic Compounds	UG/L	-	NA	NA	NA	2,950.77	ND

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-02B	MW-02B	MW-02B	MW-02B	MW-03B
Sample ID			MW-12B	MW-2B	MW-2B	MW-2B	MW-3B 10/04/02
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			04/01/11	04/01/11	08/02/12	04/16/14	10/04/02
Parameter	**Units**	**Criteria***	Field Duplicate (1-1)				
Metals							
Aluminum	UG/L	NS	NA	NA	NA	NA	800
Antimony	UG/L	3	NA	NA	NA	NA	60 U
Arsenic	UG/L	25	NA	NA	NA	NA	5 U
Barium	UG/L	1000	NA	NA	NA	NA	10
Cadmium	UG/L	5	NA	NA	NA	NA	5 U
Chromium	UG/L	50	NA	NA	NA	NA	5 U
Copper	UG/L	200	NA	NA	NA	NA	5 U
Iron	UG/L	300	NA	NA	NA	NA	2,090
Lead	UG/L	25	NA	NA	NA	NA	5 U
Manganese	UG/L	300	NA	NA	NA	NA	30
Mercury	UG/L	0.7	NA	NA	NA	NA	0.4 U
Nickel	UG/L	100	NA	NA	NA	NA	50 U
Selenium	UG/L	10	NA	NA	NA	NA	5 U
Silver	UG/L	50	NA	NA	NA	NA	20 U
Vanadium	UG/L	NS	NA	NA	NA	NA	50 U
Zinc	UG/L	2000 GV	NA	NA	NA	NA	10 U
Miscellaneous Parameters							
Cyanide	UG/L	200	NA	NA	NA	NA	110
Free Cyanide	UG/L	NS	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	UG/L	1	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

NA - Not Analyzed. ND - Not Detected. U - Not detected above the reported quantitation limit.

J - The reported concentration is an estimated value. D - Result reported from a secondary dilution analysis.

Detection Limits shown are PQL

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WHERE [MATRIX] = 'WG' AND [LOCID] LIKE 'MW-*';

APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-03B	MW-03B	MW-03B	MW-03B	MW-03B
Sample ID			BSGDD0203	BSGDD0203_9/21/05	DUP20060912	MW-3B(09/12/2006)	MW-03B 10/17/07
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/16/04	09/21/05	09/12/06	09/12/06	10/17/07
Parameter	**Units**	**Criteria***			Field Duplicate (1-1)		
Volatile Organic Compounds							
Benzene	UG/L	1	6.59	310	640	640	760
Ethylbenzene	UG/L	5	0.317 J	97	430	440	390
Toluene	UG/L	5	0.768 J	50	160	160	190
Xylene (total)	UG/L	5	2 U	81	290	290	290
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	7.675	538	1,520	1,530	1,630
Semivolatile Organic Compounds							
2,4,6-Trichlorophenol	UG/L	1	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	UG/L	5	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	UG/L	ND	NA	NA	NA	NA	NA
Hexachlorobenzene	UG/L	0.04	NA	NA	NA	NA	NA
Hexachloroethane	UG/L	5	NA	NA	NA	NA	NA
Nitrobenzene	UG/L	0.4	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	UG/L	5	NA	NA	NA	NA	NA
2,4-Dichlorophenol	UG/L	5	NA	NA	NA	NA	NA
Pentachlorophenol	UG/L	1	NA	NA	NA	NA	NA
2,4-Dimethylphenol	UG/L	50 GV	NA	NA	NA	NA	NA
2,4-Dinitrophenol	UG/L	10 GV	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	UG/L	5	NA	NA	NA	NA	NA
2-Chloronaphthalene	UG/L	10 GV	NA	NA	NA	NA	NA
2-Chlorophenol	UG/L	1	NA	NA	NA	NA	NA
2-Methylnaphthalene	UG/L	NS	9.52 U	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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Concentration Exceeds Criteria

NA - Not Analyzed. ND - Not Detected. U - Not detected above the reported quantitation limit.

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WHERE [MATRIX] = 'WG' AND [LOCID] LIKE 'MW-*';

APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-03B	MW-03B	MW-03B	MW-03B	MW-03B
Sample ID			BSGDD0203	BSGDD0203_9/21/05	DUP20060912	MW-3B(09/12/2006)	MW-03B 10/17/07
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/16/04	09/21/05	09/12/06	09/12/06	10/17/07
Parameter	**Units**	**Criteria***			Field Duplicate (1-1)		
Semivolatile Organic Compounds							
2-Nitrophenol	UG/L	1	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	UG/L	5	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/L	1	NA	NA	NA	NA	NA
4-Bromophenyl-phenylether	UG/L	NS	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	UG/L	NS	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol	UG/L	1	NA	NA	NA	NA	NA
4-Nitrophenol	UG/L	1	NA	NA	NA	NA	NA
Acenaphthene	UG/L	20 GV	9.52 U	23	37	37	43
Acenaphthylene	UG/L	NS	9.52 U	3 J	5	5	9
Anthracene	UG/L	50 GV	9.52 U	1 U	5 U	5 U	1 U
Benzidine	UG/L	5	NA	NA	NA	NA	NA
Benzo(a)anthracene	UG/L	0.002 GV	9.52 U	1 U	5 U	5 U	1 U
Benzo(a)pyrene	UG/L	ND	9.52 U	1 U	5 U	5 U	1 U
Benzo(b)fluoranthene	UG/L	0.002 GV	9.52 U	1 U	5 U	5 U	1 U
Benzo(g,h,i)perylene	UG/L	NS	9.52 U	1 U	5 U	5 U	1 U
Benzo(k)fluoranthene	UG/L	0.002 GV	9.52 U	1 U	5 U	5 U	1 U
bis(2-Chloroisopropyl)ether	UG/L	NS	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	UG/L	5	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether	UG/L	1	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

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APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-03B	MW-03B	MW-03B	MW-03B	MW-03B
Sample ID			BSGDD0203	BSGDD0203_9/21/05	DUP20060912	MW-3B(09/12/2006)	MW-03B 10/17/07
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/16/04	09/21/05	09/12/06	09/12/06	10/17/07
Parameter	**Units**	**Criteria***			Field Duplicate (1-1)		
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Chrysene	UG/L	0.002 GV	9.52 U	1 U	5 U	5 U	1 U
Dibenz(a,h)anthracene	UG/L	NS	9.52 U	1 U	5 U	5 U	1 U
Dibenzofuran	UG/L	NS	NA	NA	NA	NA	NA
Diethylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Dimethylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Di-n-butylphthalate	UG/L	50	NA	NA	NA	NA	NA
Hexachlorobutadiene	UG/L	0.5	NA	NA	NA	NA	NA
Di-n-octylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Fluoranthene	UG/L	50 GV	9.52 U	1 U	5 U	5 U	1 U
Fluorene	UG/L	50 GV	9.52 U	2 J	3 J	3 J	4 J
Hexachlorocyclopentadiene	UG/L	5	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	9.52 U	1 U	5 U	5 U	1 U
Isophorone	UG/L	50 GV	NA	NA	NA	NA	NA
Naphthalene	UG/L	10 GV	9.52 U	440	1,300	1,200	1,100
N-Nitrosodimethylamine	UG/L	NS	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	UG/L	50 GV	NA	NA	NA	NA	NA
Phenanthrene	UG/L	50 GV	9.52 U	1 J	2 J	2 J	2 J
Phenol	UG/L	1	NA	NA	NA	NA	NA
Pyrene	UG/L	50 GV	9.52 U	1 U	5 U	5 U	1 U
Total Polynuclear Aromatic Hydrocarbons	UG/L	-	ND	469	1,347	1,247	1,158
Total Semivolatile Organic Compounds	UG/L	-	ND	469	1,347	1,247	1,158

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

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APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-03B	MW-03B	MW-03B	MW-03B	MW-03B
Sample ID			BSGDD0203	BSGDD0203_9/21/05	DUP20060912	MW-3B(09/12/2006)	MW-03B 10/17/07
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/16/04	09/21/05	09/12/06	09/12/06	10/17/07
Parameter	**Units**	**Criteria***			Field Duplicate (1-1)		
Metals							
Aluminum	UG/L	NS	NA	NA	NA	NA	NA
Antimony	UG/L	3	NA	NA	NA	NA	NA
Arsenic	UG/L	25	NA	NA	NA	NA	NA
Barium	UG/L	1000	NA	NA	NA	NA	NA
Cadmium	UG/L	5	NA	NA	NA	NA	NA
Chromium	UG/L	50	NA	NA	NA	NA	NA
Copper	UG/L	200	NA	NA	NA	NA	NA
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Mercury	UG/L	0.7	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Selenium	UG/L	10	NA	NA	NA	NA	NA
Silver	UG/L	50	NA	NA	NA	NA	NA
Vanadium	UG/L	NS	NA	NA	NA	NA	NA
Zinc	UG/L	2000 GV	NA	NA	NA	NA	NA
Miscellaneous Parameters							
Cyanide	UG/L	200	10 U	5 U	10 U	10 U	5 U
Free Cyanide	UG/L	NS	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	UG/L	1	23.4	27 J	35 J	41	23 J

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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WHERE [MATRIX] = 'WG' AND [LOCID] LIKE 'MW-*';

APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-03B	MW-03B	MW-03B	MW-03B	MW-03B
Sample ID			MW-3B	MW-3B	MW-3B	MW-3B	MW-3B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/27/08	12/18/09	03/31/11	08/02/12	04/16/14
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
Benzene	UG/L	1	580	880	820	850 D	270
Ethylbenzene	UG/L	5	290	620	610	610 D	220
Toluene	UG/L	5	210	540	570	170 D	37
Xylene (total)	UG/L	5	310	690	670	510	120
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	1,390	2,730	2,670	2,140	647
Semivolatile Organic Compounds							
2,4,6-Trichlorophenol	UG/L	1	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	UG/L	5	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	UG/L	ND	NA	NA	NA	NA	NA
Hexachlorobenzene	UG/L	0.04	NA	NA	NA	NA	NA
Hexachloroethane	UG/L	5	NA	NA	NA	NA	NA
Nitrobenzene	UG/L	0.4	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	UG/L	5	NA	NA	NA	NA	NA
2,4-Dichlorophenol	UG/L	5	NA	NA	NA	NA	NA
Pentachlorophenol	UG/L	1	NA	NA	NA	NA	NA
2,4-Dimethylphenol	UG/L	50 GV	NA	NA	NA	NA	NA
2,4-Dinitrophenol	UG/L	10 GV	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	UG/L	5	NA	NA	NA	NA	NA
2-Chloronaphthalene	UG/L	10 GV	NA	NA	NA	NA	NA
2-Chlorophenol	UG/L	1	NA	NA	NA	NA	NA
2-Methylnaphthalene	UG/L	NS	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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Concentration Exceeds Criteria

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WHERE [MATRIX] = 'WG' AND [LOCID] LIKE 'MW-*';

APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-03B	MW-03B	MW-03B	MW-03B	MW-03B
Sample ID			MW-3B	MW-3B	MW-3B	MW-3B	MW-3B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/27/08	12/18/09	03/31/11	08/02/12	04/16/14
Parameter	**Units**	**Criteria***					
Semivolatile Organic Compounds							
2-Nitrophenol	UG/L	1	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	UG/L	5	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/L	1	NA	NA	NA	NA	NA
4-Bromophenyl-phenylether	UG/L	NS	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	UG/L	NS	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol	UG/L	1	NA	NA	NA	NA	NA
4-Nitrophenol	UG/L	1	NA	NA	NA	NA	NA
Acenaphthene	UG/L	20 GV	23	51	26	56	21
Acenaphthylene	UG/L	NS	5	9	4.2 J	4.3 J	2.2 J
Anthracene	UG/L	50 GV	5 U	5 U	4.7 U	3.3 J	4.8 U
Benzidine	UG/L	5	NA	NA	NA	NA	NA
Benzo(a)anthracene	UG/L	0.002 GV	5 U	5 U	4.7 U	5.0 U	4.8 U
Benzo(a)pyrene	UG/L	ND	5 U	5 U	4.7 U	5.0 U	4.8 U
Benzo(b)fluoranthene	UG/L	0.002 GV	5 U	5 U	4.7 U	5.0 U	4.8 U
Benzo(g,h,i)perylene	UG/L	NS	5 U	5 U	4.7 U	5.0 U	4.8 U
Benzo(k)fluoranthene	UG/L	0.002 GV	5 U	5 U	4.7 U	5.0 U	4.8 U
bis(2-Chloroisopropyl)ether	UG/L	NS	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	UG/L	5	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether	UG/L	1	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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WHERE [MATRIX] = 'WG' AND [LOCID] LIKE 'MW-*';

APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-03B	MW-03B	MW-03B	MW-03B	MW-03B
Sample ID			MW-3B	MW-3B	MW-3B	MW-3B	MW-3B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/27/08	12/18/09	03/31/11	08/02/12	04/16/14
Parameter	**Units**	**Criteria***					
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Chrysene	UG/L	0.002 GV	5 U	5 U	4.7 U	5.0 U	4.8 U
Dibenz(a,h)anthracene	UG/L	NS	5 U	5 U	4.7 U	5.0 U	4.8 U
Dibenzofuran	UG/L	NS	NA	NA	NA	NA	NA
Diethylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Dimethylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Di-n-butylphthalate	UG/L	50	NA	NA	NA	NA	NA
Hexachlorobutadiene	UG/L	0.5	NA	NA	NA	NA	NA
Di-n-octylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Fluoranthene	UG/L	50 GV	5 U	5 U	4.7 U	5.0 U	4.8 U
Fluorene	UG/L	50 GV	1 J	3 J	1.3 J	6.6	2.9 J
Hexachlorocyclopentadiene	UG/L	5	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	5 U	5 U	4.7 U	5.0 U	4.8 U
Isophorone	UG/L	50 GV	NA	NA	NA	NA	NA
Naphthalene	UG/L	10 GV	1,200	1,600	1,000 D	800 D	360 D
N-Nitrosodimethylamine	UG/L	NS	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	UG/L	50 GV	NA	NA	NA	NA	NA
Phenanthrene	UG/L	50 GV	5 U	1 J	4.7 U	3.4 J	2.4 J
Phenol	UG/L	1	NA	NA	NA	NA	NA
Pyrene	UG/L	50 GV	5 U	5 U	4.7 U	5.0 U	4.8 U
Total Polynuclear Aromatic Hydrocarbons	UG/L	-	1,229	1,664	1,031.5	873.6	388.5
Total Semivolatile Organic Compounds	UG/L	-	1,229	1,664	1,031.5	873.6	388.5

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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WHERE [MATRIX] = 'WG' AND [LOCID] LIKE 'MW-*';

APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-03B	MW-03B	MW-03B	MW-03B	MW-03B
Sample ID			MW-3B	MW-3B	MW-3B	MW-3B	MW-3B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/27/08	12/18/09	03/31/11	08/02/12	04/16/14
Parameter	**Units**	**Criteria***					
Metals							
Aluminum	UG/L	NS	NA	NA	NA	NA	NA
Antimony	UG/L	3	NA	NA	NA	NA	NA
Arsenic	UG/L	25	NA	NA	NA	NA	NA
Barium	UG/L	1000	NA	NA	NA	NA	NA
Cadmium	UG/L	5	NA	NA	NA	NA	NA
Chromium	UG/L	50	NA	NA	NA	NA	NA
Copper	UG/L	200	NA	NA	NA	NA	NA
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Mercury	UG/L	0.7	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Selenium	UG/L	10	NA	NA	NA	NA	NA
Silver	UG/L	50	NA	NA	NA	NA	NA
Vanadium	UG/L	NS	NA	NA	NA	NA	NA
Zinc	UG/L	2000 GV	NA	NA	NA	NA	NA
Miscellaneous Parameters							
Cyanide	UG/L	200	10 U	10 U	NA	NA	NA
Free Cyanide	UG/L	NS	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	UG/L	1	40 U	32 J	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

NA - Not Analyzed. ND - Not Detected. U - Not detected above the reported quantitation limit.

J - The reported concentration is an estimated value. D - Result reported from a secondary dilution analysis.

Detection Limits shown are PQL

J:\Projects\11175784\DB\DB Files From Clifton Park\EDMS.mde
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WHERE [MATRIX] = 'WG' AND [LOCID] LIKE 'MW-*';

APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-06B	MW-06B	MW-06B	MW-06B	MW-06B
Sample ID			BSGDD026B	BSGDD0206	BSGDD0106	BSGDD0106_9/21/05	MW-6B(09/12/2006)
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/28/02	01/30/02	09/16/04	09/21/05	09/12/06
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
Benzene	UG/L	1	1	NA	1.58	3 J	2 J
Ethylbenzene	UG/L	5	1 U	NA	1.71	22	1 J
Toluene	UG/L	5	1 U	NA	1.61	11	3 J
Xylene (total)	UG/L	5	1 U	NA	4.22	57	7
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	1	NA	9.12	93	13
Semivolatile Organic Compounds							
2,4,6-Trichlorophenol	UG/L	1	10 U	NA	NA	NA	NA
2,4-Dinitrotoluene	UG/L	5	10 U	NA	NA	NA	NA
1,2-Diphenylhydrazine	UG/L	ND	10 U	NA	NA	NA	NA
Hexachlorobenzene	UG/L	0.04	10 U	NA	NA	NA	NA
Hexachloroethane	UG/L	5	10 U	NA	NA	NA	NA
Nitrobenzene	UG/L	0.4	10 U	NA	NA	NA	NA
1,2,4-Trichlorobenzene	UG/L	5	10 U	NA	NA	NA	NA
2,4-Dichlorophenol	UG/L	5	10 U	NA	NA	NA	NA
Pentachlorophenol	UG/L	1	50 U	NA	NA	NA	NA
2,4-Dimethylphenol	UG/L	50 GV	10 U	NA	NA	NA	NA
2,4-Dinitrophenol	UG/L	10 GV	50 U	NA	NA	NA	NA
1,2-Dichlorobenzene	UG/L	3	10 U	NA	NA	NA	NA
2,6-Dinitrotoluene	UG/L	5	10 U	NA	NA	NA	NA
2-Chloronaphthalene	UG/L	10 GV	10 U	NA	NA	NA	NA
2-Chlorophenol	UG/L	1	10 U	NA	NA	NA	NA
2-Methylnaphthalene	UG/L	NS	10 U	NA	5.51 J	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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Concentration Exceeds Criteria

NA - Not Analyzed. ND - Not Detected. U - Not detected above the reported quantitation limit.

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WHERE [MATRIX] = 'WG' AND [LOCID] LIKE 'MW-*';

APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-06B	MW-06B	MW-06B	MW-06B	MW-06B
Sample ID			BSGDD026B	BSGDD0206	BSGDD0106	BSGDD0106_9/21/05	MW-6B(09/12/2006)
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/28/02	01/30/02	09/16/04	09/21/05	09/12/06
Parameter	**Units**	**Criteria***					
Semivolatile Organic Compounds							
2-Nitrophenol	UG/L	1	10 U	NA	NA	NA	NA
3,3'-Dichlorobenzidine	UG/L	5	20 U	NA	NA	NA	NA
1,3-Dichlorobenzene	UG/L	3	10 U	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/L	1	50 U	NA	NA	NA	NA
4-Bromophenyl-phenylether	UG/L	NS	10 U	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/L	3	10 U	NA	NA	NA	NA
4-Chlorophenyl-phenylether	UG/L	NS	10 U	NA	NA	NA	NA
4-Chloro-3-methylphenol	UG/L	1	10 U	NA	NA	NA	NA
4-Nitrophenol	UG/L	1	50 U	NA	NA	NA	NA
Acenaphthene	UG/L	20 GV	10 U	NA	9.8 U	NA	57
Acenaphthylene	UG/L	NS	10 U	NA	4.89 J	NA	310
Anthracene	UG/L	50 GV	10 U	NA	9.8 U	NA	250
Benzidine	UG/L	5	80 U	NA	NA	NA	NA
Benzo(a)anthracene	UG/L	0.002 GV	10 U	NA	9.8 U	NA	280
Benzo(a)pyrene	UG/L	ND	10 U	NA	9.8 U	NA	310
Benzo(b)fluoranthene	UG/L	0.002 GV	10 U	NA	9.8 U	NA	220
Benzo(g,h,i)perylene	UG/L	NS	10 U	NA	9.8 U	NA	230
Benzo(k)fluoranthene	UG/L	0.002 GV	10 U	NA	9.8 U	NA	84
bis(2-Chloroisopropyl)ether	UG/L	NS	10 U	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	UG/L	5	10 U	NA	NA	NA	NA
bis(2-Chloroethyl)ether	UG/L	1	10 U	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	UG/L	5	10 U	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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Concentration Exceeds Criteria

NA - Not Analyzed. ND - Not Detected. U - Not detected above the reported quantitation limit.

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WHERE [MATRIX] = 'WG' AND [LOCID] LIKE 'MW-*';

APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-06B	MW-06B	MW-06B	MW-06B	MW-06B
Sample ID			BSGDD026B	BSGDD0206	BSGDD0106	BSGDD0106_9/21/05	MW-6B(09/12/2006)
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/28/02	01/30/02	09/16/04	09/21/05	09/12/06
Parameter	**Units**	**Criteria***					
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	10 U	NA	NA	NA	NA
Chrysene	UG/L	0.002 GV	10 U	NA	9.8 U	NA	270
Dibenz(a,h)anthracene	UG/L	NS	10 U	NA	9.8 U	NA	5
Dibenzofuran	UG/L	NS	NA	NA	NA	NA	NA
Diethylphthalate	UG/L	50 GV	10 U	NA	NA	NA	NA
Dimethylphthalate	UG/L	50 GV	10 U	NA	NA	NA	NA
Di-n-butylphthalate	UG/L	50	10 U	NA	NA	NA	NA
Hexachlorobutadiene	UG/L	0.5	10 U	NA	NA	NA	NA
Di-n-octylphthalate	UG/L	50 GV	10 U	NA	NA	NA	NA
Fluoranthene	UG/L	50 GV	10 U	NA	9.8 U	NA	600
Fluorene	UG/L	50 GV	10 U	NA	9.8 U	NA	180
Hexachlorocyclopentadiene	UG/L	5	10 U	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	10 U	NA	9.8 U	NA	190
Isophorone	UG/L	50 GV	10 U	NA	NA	NA	NA
Naphthalene	UG/L	10 GV	10 U	NA	11.1	NA	120
N-Nitrosodimethylamine	UG/L	NS	10 U	NA	NA	NA	NA
N-Nitrosodiphenylamine	UG/L	50 GV	10 U	NA	NA	NA	NA
Phenanthrene	UG/L	50 GV	10 U	NA	2.79 J	NA	860
Phenol	UG/L	1	68	NA	NA	NA	NA
Pyrene	UG/L	50 GV	10 U	NA	9.8 U	NA	820
Total Polynuclear Aromatic Hydrocarbons	UG/L	-	ND	NA	24.29	NA	4,786
Total Semivolatile Organic Compounds	UG/L	-	68	NA	24.29	NA	4,786

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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Concentration Exceeds Criteria

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Detection Limits shown are PQL

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WHERE [MATRIX] = 'WG' AND [LOCID] LIKE 'MW-*';

APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-06B	MW-06B	MW-06B	MW-06B	MW-06B
Sample ID			BSGDD026B	BSGDD0206	BSGDD0106	BSGDD0106_9/21/05	MW-6B(09/12/2006)
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/28/02	01/30/02	09/16/04	09/21/05	09/12/06
Parameter	**Units**	**Criteria***					
Metals							
Aluminum	UG/L	NS	800	NA	NA	NA	NA
Antimony	UG/L	3	60 U	NA	NA	NA	NA
Arsenic	UG/L	25	5 U	NA	NA	NA	NA
Barium	UG/L	1000	110	NA	NA	NA	NA
Cadmium	UG/L	5	5 U	NA	NA	NA	NA
Chromium	UG/L	50	5 U	NA	NA	NA	NA
Copper	UG/L	200	29	NA	NA	NA	NA
Iron	UG/L	300	150	NA	NA	NA	NA
Lead	UG/L	25	5 U	NA	NA	NA	NA
Manganese	UG/L	300	20 U	NA	NA	NA	NA
Mercury	UG/L	0.7	0.4 U	NA	NA	NA	NA
Nickel	UG/L	100	50 U	NA	NA	NA	NA
Selenium	UG/L	10	5 U	NA	NA	NA	NA
Silver	UG/L	50	20 U	NA	NA	NA	NA
Vanadium	UG/L	NS	50 U	NA	NA	NA	NA
Zinc	UG/L	2000 GV	10 U	NA	NA	NA	NA
Miscellaneous Parameters							
Cyanide	UG/L	200	10 U	NA	10 U	5 U	10 U
Free Cyanide	UG/L	NS	10 U	NA	NA	NA	NA
Phenolics, Total Recoverable	UG/L	1	NA	234	42.5	NA	27 J

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-06B	MW-06B	MW-06B	MW-06B	MW-06B
Sample ID			MW-06B 10/17/07	MW-6B	MW-6B	MW-6B	MW-6B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/28/08	12/18/09	04/01/11	08/02/12
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
Benzene	UG/L	1	14	52	34	64	57
Ethylbenzene	UG/L	5	1 J	57	180	140	160
Toluene	UG/L	5	30	110	190	160	220
Xylene (total)	UG/L	5	91	410	780	530	610
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	136	629	1,184	894	1,047
Semivolatile Organic Compounds							
2,4,6-Trichlorophenol	UG/L	1	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	UG/L	5	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	UG/L	ND	NA	NA	NA	NA	NA
Hexachlorobenzene	UG/L	0.04	NA	NA	NA	NA	NA
Hexachloroethane	UG/L	5	NA	NA	NA	NA	NA
Nitrobenzene	UG/L	0.4	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	UG/L	5	NA	NA	NA	NA	NA
2,4-Dichlorophenol	UG/L	5	NA	NA	NA	NA	NA
Pentachlorophenol	UG/L	1	NA	NA	NA	NA	NA
2,4-Dimethylphenol	UG/L	50 GV	NA	NA	NA	NA	NA
2,4-Dinitrophenol	UG/L	10 GV	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	UG/L	5	NA	NA	NA	NA	NA
2-Chloronaphthalene	UG/L	10 GV	NA	NA	NA	NA	NA
2-Chlorophenol	UG/L	1	NA	NA	NA	NA	NA
2-Methylnaphthalene	UG/L	NS	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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Concentration Exceeds Criteria

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WHERE [MATRIX] = 'WG' AND [LOCID] LIKE 'MW-*';

APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-06B	MW-06B	MW-06B	MW-06B	MW-06B
Sample ID			MW-06B 10/17/07	MW-6B	MW-6B	MW-6B	MW-6B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/28/08	12/18/09	04/01/11	08/02/12
Parameter	**Units**	**Criteria***					
Semivolatile Organic Compounds							
2-Nitrophenol	UG/L	1	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	UG/L	5	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/L	1	NA	NA	NA	NA	NA
4-Bromophenyl-phenylether	UG/L	NS	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	UG/L	NS	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol	UG/L	1	NA	NA	NA	NA	NA
4-Nitrophenol	UG/L	1	NA	NA	NA	NA	NA
Acenaphthene	UG/L	20 GV	120	160	NA	NA	NA
Acenaphthylene	UG/L	NS	760	670	NA	NA	NA
Anthracene	UG/L	50 GV	390	330	NA	NA	NA
Benzidine	UG/L	5	NA	NA	NA	NA	NA
Benzo(a)anthracene	UG/L	0.002 GV	360	240	NA	NA	NA
Benzo(a)pyrene	UG/L	ND	380	250	NA	NA	NA
Benzo(b)fluoranthene	UG/L	0.002 GV	290	190	NA	NA	NA
Benzo(g,h,i)perylene	UG/L	NS	300	160	NA	NA	NA
Benzo(k)fluoranthene	UG/L	0.002 GV	120	74	NA	NA	NA
bis(2-Chloroisopropyl)ether	UG/L	NS	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	UG/L	5	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether	UG/L	1	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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Concentration Exceeds Criteria

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Detection Limits shown are PQL

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WHERE [MATRIX] = 'WG' AND [LOCID] LIKE 'MW-*';

APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-06B	MW-06B	MW-06B	MW-06B	MW-06B
Sample ID			MW-06B 10/17/07	MW-6B	MW-6B	MW-6B	MW-6B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/28/08	12/18/09	04/01/11	08/02/12
Parameter	**Units**	**Criteria***					
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Chrysene	UG/L	0.002 GV	350	210	NA	NA	NA
Dibenz(a,h)anthracene	UG/L	NS	54	34	NA	NA	NA
Dibenzofuran	UG/L	NS	NA	NA	NA	NA	NA
Diethylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Dimethylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Di-n-butylphthalate	UG/L	50	NA	NA	NA	NA	NA
Hexachlorobutadiene	UG/L	0.5	NA	NA	NA	NA	NA
Di-n-octylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Fluoranthene	UG/L	50 GV	940	580	NA	NA	NA
Fluorene	UG/L	50 GV	260	350	NA	NA	NA
Hexachlorocyclopentadiene	UG/L	5	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	240	110	NA	NA	NA
Isophorone	UG/L	50 GV	NA	NA	NA	NA	NA
Naphthalene	UG/L	10 GV	830	500	NA	NA	NA
N-Nitrosodimethylamine	UG/L	NS	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	UG/L	50 GV	NA	NA	NA	NA	NA
Phenanthrene	UG/L	50 GV	1,500	1,400	NA	NA	NA
Phenol	UG/L	1	NA	NA	NA	NA	NA
Pyrene	UG/L	50 GV	1,200	780	NA	NA	NA
Total Polynuclear Aromatic Hydrocarbons	UG/L	-	8,094	6,038	NA	NA	NA
Total Semivolatile Organic Compounds	UG/L	-	8,094	6,038	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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Concentration Exceeds Criteria

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APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-06B	MW-06B	MW-06B	MW-06B	MW-06B
Sample ID			MW-06B 10/17/07	MW-6B	MW-6B	MW-6B	MW-6B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/28/08	12/18/09	04/01/11	08/02/12
Parameter	**Units**	**Criteria***					
Metals							
Aluminum	UG/L	NS	NA	NA	NA	NA	NA
Antimony	UG/L	3	NA	NA	NA	NA	NA
Arsenic	UG/L	25	NA	NA	NA	NA	NA
Barium	UG/L	1000	NA	NA	NA	NA	NA
Cadmium	UG/L	5	NA	NA	NA	NA	NA
Chromium	UG/L	50	NA	NA	NA	NA	NA
Copper	UG/L	200	NA	NA	NA	NA	NA
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Mercury	UG/L	0.7	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Selenium	UG/L	10	NA	NA	NA	NA	NA
Silver	UG/L	50	NA	NA	NA	NA	NA
Vanadium	UG/L	NS	NA	NA	NA	NA	NA
Zinc	UG/L	2000 GV	NA	NA	NA	NA	NA
Miscellaneous Parameters							
Cyanide	UG/L	200	5 U	10 U	NA	NA	NA
Free Cyanide	UG/L	NS	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	UG/L	1	110	32 J	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-06B	MW-07BD	MW-07BD	MW-07BD	MW-07BD
Sample ID			MW-6B	BSGDD0207	BSGDD0107	BSGDD0107_9/21/05	MW-7BD(09/12/2006)
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			04/16/14	01/30/02	09/16/04	09/21/05	09/12/06
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
Benzene	UG/L	1	230	1,300	464	830	1,100
Ethylbenzene	UG/L	5	480	930	279	980	780
Toluene	UG/L	5	780	1,900	581	1,300	1,400
Xylene (total)	UG/L	5	1,400	2,300	855	2,100	1,700
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	2,890	6,430	2,179	5,210	4,980
Semivolatile Organic Compounds							
2,4,6-Trichlorophenol	UG/L	1	NA	400 U	NA	NA	NA
2,4-Dinitrotoluene	UG/L	5	NA	400 U	NA	NA	NA
1,2-Diphenylhydrazine	UG/L	ND	NA	400 U	NA	NA	NA
Hexachlorobenzene	UG/L	0.04	NA	400 U	NA	NA	NA
Hexachloroethane	UG/L	5	NA	400 U	NA	NA	NA
Nitrobenzene	UG/L	0.4	NA	400 U	NA	NA	NA
1,2,4-Trichlorobenzene	UG/L	5	NA	400 U	NA	NA	NA
2,4-Dichlorophenol	UG/L	5	NA	400 U	NA	NA	NA
Pentachlorophenol	UG/L	1	NA	2,000 U	NA	NA	NA
2,4-Dimethylphenol	UG/L	50 GV	NA	400 U	NA	NA	NA
2,4-Dinitrophenol	UG/L	10 GV	NA	2,000 U	NA	NA	NA
1,2-Dichlorobenzene	UG/L	3	NA	400 U	NA	NA	NA
2,6-Dinitrotoluene	UG/L	5	NA	400 U	NA	NA	NA
2-Chloronaphthalene	UG/L	10 GV	NA	400 U	NA	NA	NA
2-Chlorophenol	UG/L	1	NA	400 U	NA	NA	NA
2-Methylnaphthalene	UG/L	NS	NA	640	222 J	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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Concentration Exceeds Criteria

NA - Not Analyzed. ND - Not Detected. U - Not detected above the reported quantitation limit.

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WHERE [MATRIX] = 'WG' AND [LOCID] LIKE 'MW-*';

APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-06B	MW-07BD	MW-07BD	MW-07BD	MW-07BD
Sample ID			MW-6B	BSGDD0207	BSGDD0107	BSGDD0107_9/21/05	MW-7BD(09/12/2006)
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			04/16/14	01/30/02	09/16/04	09/21/05	09/12/06
Parameter	**Units**	**Criteria***					
Semivolatile Organic Compounds							
2-Nitrophenol	UG/L	1	NA	400 U	NA	NA	NA
3,3'-Dichlorobenzidine	UG/L	5	NA	800 U	NA	NA	NA
1,3-Dichlorobenzene	UG/L	3	NA	400 U	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/L	1	NA	2,000 U	NA	NA	NA
4-Bromophenyl-phenylether	UG/L	NS	NA	400 U	NA	NA	NA
1,4-Dichlorobenzene	UG/L	3	NA	400 U	NA	NA	NA
4-Chlorophenyl-phenylether	UG/L	NS	NA	400 U	NA	NA	NA
4-Chloro-3-methylphenol	UG/L	1	NA	400 U	NA	NA	NA
4-Nitrophenol	UG/L	1	NA	2,000 U	NA	NA	NA
Acenaphthene	UG/L	20 GV	NA	160 J	39.4	NA	530
Acenaphthylene	UG/L	NS	NA	920	230 J	NA	2,700
Anthracene	UG/L	50 GV	NA	240 J	26.6	NA	840
Benzidine	UG/L	5	NA	3,200 U	NA	NA	NA
Benzo(a)anthracene	UG/L	0.002 GV	NA	100 J	11.9	NA	610
Benzo(a)pyrene	UG/L	ND	NA	40 J	10.6	NA	630
Benzo(b)fluoranthene	UG/L	0.002 GV	NA	44 J	4.94 J	NA	470
Benzo(g,h,i)perylene	UG/L	NS	NA	400 U	8.08 J	NA	400
Benzo(k)fluoranthene	UG/L	0.002 GV	NA	48 J	5.8 J	NA	200
bis(2-Chloroisopropyl)ether	UG/L	NS	NA	400 U	NA	NA	NA
bis(2-Chloroethoxy)methane	UG/L	5	NA	400 U	NA	NA	NA
bis(2-Chloroethyl)ether	UG/L	1	NA	400 U	NA	NA	NA
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	44 J	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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Concentration Exceeds Criteria

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APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-06B	MW-07BD	MW-07BD	MW-07BD	MW-07BD
Sample ID			MW-6B	BSGDD0207	BSGDD0107	BSGDD0107_9/21/05	MW-7BD(09/12/2006)
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			04/16/14	01/30/02	09/16/04	09/21/05	09/12/06
Parameter	**Units**	**Criteria***					
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	NA	400 U	NA	NA	NA
Chrysene	UG/L	0.002 GV	NA	100 J	11.2	NA	570
Dibenz(a,h)anthracene	UG/L	NS	NA	400 U	1.31 J	NA	64
Dibenzofuran	UG/L	NS	NA	NA	NA	NA	NA
Diethylphthalate	UG/L	50 GV	NA	400 U	NA	NA	NA
Dimethylphthalate	UG/L	50 GV	NA	400 U	NA	NA	NA
Di-n-butylphthalate	UG/L	50	NA	400 U	NA	NA	NA
Hexachlorobutadiene	UG/L	0.5	NA	400 U	NA	NA	NA
Di-n-octylphthalate	UG/L	50 GV	NA	400 U	NA	NA	NA
Fluoranthene	UG/L	50 GV	NA	300 J	46.9	NA	2,000
Fluorene	UG/L	50 GV	NA	300 J	62.6	NA	1,100
Hexachlorocyclopentadiene	UG/L	5	NA	400 U	NA	NA	NA
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	NA	400 U	12.4	NA	330
Isophorone	UG/L	50 GV	NA	400 U	NA	NA	NA
Naphthalene	UG/L	10 GV	NA	6,400	2,420	NA	13,000
N-Nitrosodimethylamine	UG/L	NS	NA	400 U	NA	NA	NA
N-Nitrosodiphenylamine	UG/L	50 GV	NA	400 U	NA	NA	NA
Phenanthrene	UG/L	50 GV	NA	1,000	6.06 J	NA	4,800
Phenol	UG/L	1	NA	400 U	NA	NA	NA
Pyrene	UG/L	50 GV	NA	560 J	56	NA	2,800
Total Polynuclear Aromatic Hydrocarbons	UG/L	-	NA	10,852	3,175.79	NA	31,044
Total Semivolatile Organic Compounds	UG/L	-	NA	10,896	3,175.79	NA	31,044

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

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APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-06B	MW-07BD	MW-07BD	MW-07BD	MW-07BD
Sample ID			MW-6B	BSGDD0207	BSGDD0107	BSGDD0107_9/21/05	MW-7BD(09/12/2006)
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			04/16/14	01/30/02	09/16/04	09/21/05	09/12/06
Parameter	**Units**	**Criteria***					
Metals							
Aluminum	UG/L	NS	NA	5,400	NA	NA	NA
Antimony	UG/L	3	NA	60 U	NA	NA	NA
Arsenic	UG/L	25	NA	5 U	NA	NA	NA
Barium	UG/L	1000	NA	120	NA	NA	NA
Cadmium	UG/L	5	NA	5 U	NA	NA	NA
Chromium	UG/L	50	NA	5 U	NA	NA	NA
Copper	UG/L	200	NA	34	NA	NA	NA
Iron	UG/L	300	NA	128,000	NA	NA	NA
Lead	UG/L	25	NA	5 U	NA	NA	NA
Manganese	UG/L	300	NA	1,440	NA	NA	NA
Mercury	UG/L	0.7	NA	0.4 U	NA	NA	NA
Nickel	UG/L	100	NA	50 U	NA	NA	NA
Selenium	UG/L	10	NA	5 U	NA	NA	NA
Silver	UG/L	50	NA	20 U	NA	NA	NA
Vanadium	UG/L	NS	NA	50 U	NA	NA	NA
Zinc	UG/L	2000 GV	NA	4,140	NA	NA	NA
Miscellaneous Parameters							
Cyanide	UG/L	200	NA	40	10 U	5 U	10 U
Free Cyanide	UG/L	NS	NA	10 U	NA	NA	NA
Phenolics, Total Recoverable	UG/L	1	NA	28	31.1	NA	300

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-07BD	MW-07BD	MW-07BD	MW-07BD	MW-07BD
Sample ID			MW-07BD 10/17/07	MW-7BD	MW-7BD	MW-7BD	MW-7BD
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/28/08	12/18/09	03/31/11	08/02/12
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
Benzene	UG/L	1	1,400	820	1,600	1,300 D	870
Ethylbenzene	UG/L	5	660	550	1,100	790	730
Toluene	UG/L	5	1,600	850	2,100	2,000 D	1,300 D
Xylene (total)	UG/L	5	1,500	1,300	2,200	1,900	1,800
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	5,160	3,520	7,000	5,990	4,700
Semivolatile Organic Compounds							
2,4,6-Trichlorophenol	UG/L	1	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	UG/L	5	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	UG/L	ND	NA	NA	NA	NA	NA
Hexachlorobenzene	UG/L	0.04	NA	NA	NA	NA	NA
Hexachloroethane	UG/L	5	NA	NA	NA	NA	NA
Nitrobenzene	UG/L	0.4	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	UG/L	5	NA	NA	NA	NA	NA
2,4-Dichlorophenol	UG/L	5	NA	NA	NA	NA	NA
Pentachlorophenol	UG/L	1	NA	NA	NA	NA	NA
2,4-Dimethylphenol	UG/L	50 GV	NA	NA	NA	NA	NA
2,4-Dinitrophenol	UG/L	10 GV	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	UG/L	5	NA	NA	NA	NA	NA
2-Chloronaphthalene	UG/L	10 GV	NA	NA	NA	NA	NA
2-Chlorophenol	UG/L	1	NA	NA	NA	NA	NA
2-Methylnaphthalene	UG/L	NS	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-07BD	MW-07BD	MW-07BD	MW-07BD	MW-07BD
Sample ID			MW-07BD 10/17/07	MW-7BD	MW-7BD	MW-7BD	MW-7BD
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/28/08	12/18/09	03/31/11	08/02/12
Parameter	**Units**	**Criteria***					
Semivolatile Organic Compounds							
2-Nitrophenol	UG/L	1	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	UG/L	5	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/L	1	NA	NA	NA	NA	NA
4-Bromophenyl-phenylether	UG/L	NS	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	UG/L	NS	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol	UG/L	1	NA	NA	NA	NA	NA
4-Nitrophenol	UG/L	1	NA	NA	NA	NA	NA
Acenaphthene	UG/L	20 GV	79	210	610	65	73 J
Acenaphthylene	UG/L	NS	360	840	1,300	250	210
Anthracene	UG/L	50 GV	74	230	750	32	26 J
Benzidine	UG/L	5	NA	NA	NA	NA	NA
Benzo(a)anthracene	UG/L	0.002 GV	45	160	590	14 J	14 J
Benzo(a)pyrene	UG/L	ND	51	150	530	15 J	11 J
Benzo(b)fluoranthene	UG/L	0.002 GV	39	120	420	8.9 J	9.1 J
Benzo(g,h,i)perylene	UG/L	NS	35	93	370	8.7 J	100 U
Benzo(k)fluoranthene	UG/L	0.002 GV	14	47 J	150	5.0 J	100 U
bis(2-Chloroisopropyl)ether	UG/L	NS	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	UG/L	5	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether	UG/L	1	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-07BD	MW-07BD	MW-07BD	MW-07BD	MW-07BD
Sample ID			MW-07BD 10/17/07	MW-7BD	MW-7BD	MW-7BD	MW-7BD
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/28/08	12/18/09	03/31/11	08/02/12
Parameter	**Units**	**Criteria***					
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Chrysene	UG/L	0.002 GV	45	140	510	12 J	11 J
Dibenz(a,h)anthracene	UG/L	NS	6	48 J	35 J	24 U	100 U
Dibenzofuran	UG/L	NS	NA	NA	NA	NA	NA
Diethylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Dimethylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Di-n-butylphthalate	UG/L	50	NA	NA	NA	NA	NA
Hexachlorobutadiene	UG/L	0.5	NA	NA	NA	NA	NA
Di-n-octylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Fluoranthene	UG/L	50 GV	140	490	1,400	50	45 J
Fluorene	UG/L	50 GV	130	330	730	85	71 J
Hexachlorocyclopentadiene	UG/L	5	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	30	90	250	6.0 J	100 U
Isophorone	UG/L	50 GV	NA	NA	NA	NA	NA
Naphthalene	UG/L	10 GV	4,100	7,400	6,200	1,500 D	630
N-Nitrosodimethylamine	UG/L	NS	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	UG/L	50 GV	NA	NA	NA	NA	NA
Phenanthrene	UG/L	50 GV	400	1,300	3,200	190	170
Phenol	UG/L	1	NA	NA	NA	NA	NA
Pyrene	UG/L	50 GV	170	720	2,200	62	61 J
Total Polynuclear Aromatic Hydrocarbons	UG/L	-	5,718	12,368	19,245	2,303.6	1,331.1
Total Semivolatile Organic Compounds	UG/L	-	5,718	12,368	19,245	2,303.6	1,331.1

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during chemistry validation are shown.

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APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-07BD	MW-07BD	MW-07BD	MW-07BD	MW-07BD
Sample ID			MW-07BD 10/17/07	MW-7BD	MW-7BD	MW-7BD	MW-7BD
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/28/08	12/18/09	03/31/11	08/02/12
Parameter	**Units**	**Criteria***					
Metals							
Aluminum	UG/L	NS	NA	NA	NA	NA	NA
Antimony	UG/L	3	NA	NA	NA	NA	NA
Arsenic	UG/L	25	NA	NA	NA	NA	NA
Barium	UG/L	1000	NA	NA	NA	NA	NA
Cadmium	UG/L	5	NA	NA	NA	NA	NA
Chromium	UG/L	50	NA	NA	NA	NA	NA
Copper	UG/L	200	NA	NA	NA	NA	NA
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Mercury	UG/L	0.7	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Selenium	UG/L	10	NA	NA	NA	NA	NA
Silver	UG/L	50	NA	NA	NA	NA	NA
Vanadium	UG/L	NS	NA	NA	NA	NA	NA
Zinc	UG/L	2000 GV	NA	NA	NA	NA	NA
Miscellaneous Parameters							
Cyanide	UG/L	200	5 U	NA	10 U	NA	NA
Free Cyanide	UG/L	NS	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	UG/L	1	150	620	170	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during chemistry validation are shown.

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APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-07BD	MW-07BS	MW-07BS	MW-07BS	MW-07BS
Sample ID			MW-7BD	BSGDIM0207	BSGDIM0107	BSGDIM0107_9/21/05	MW-7BS(09/12/2006)
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			04/16/14	01/29/02	09/16/04	09/21/05	09/12/06
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
Benzene	UG/L	1	510	86	29.1	35	64
Ethylbenzene	UG/L	5	620	79	20.8	18	21
Toluene	UG/L	5	940	45	6.1	5 J	8
Xylene (total)	UG/L	5	1,500	11	19.6	17	17
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	3,570	221	75.6	75	110
Semivolatile Organic Compounds							
2,4,6-Trichlorophenol	UG/L	1	NA	10 U	NA	NA	NA
2,4-Dinitrotoluene	UG/L	5	NA	10 U	NA	NA	NA
1,2-Diphenylhydrazine	UG/L	ND	NA	10 U	NA	NA	NA
Hexachlorobenzene	UG/L	0.04	NA	10 U	NA	NA	NA
Hexachloroethane	UG/L	5	NA	10 U	NA	NA	NA
Nitrobenzene	UG/L	0.4	NA	10 U	NA	NA	NA
1,2,4-Trichlorobenzene	UG/L	5	NA	10 U	NA	NA	NA
2,4-Dichlorophenol	UG/L	5	NA	10 U	NA	NA	NA
Pentachlorophenol	UG/L	1	NA	50 U	NA	NA	NA
2,4-Dimethylphenol	UG/L	50 GV	NA	10 U	NA	NA	NA
2,4-Dinitrophenol	UG/L	10 GV	NA	50 U	NA	NA	NA
1,2-Dichlorobenzene	UG/L	3	NA	10 U	NA	NA	NA
2,6-Dinitrotoluene	UG/L	5	NA	10 U	NA	NA	NA
2-Chloronaphthalene	UG/L	10 GV	NA	10 U	NA	NA	NA
2-Chlorophenol	UG/L	1	NA	10 U	NA	NA	NA
2-Methylnaphthalene	UG/L	NS	NA	69	13.1	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

NA - Not Analyzed. ND - Not Detected. U - Not detected above the reported quantitation limit.

J - The reported concentration is an estimated value. D - Result reported from a secondary dilution analysis.

Detection Limits shown are PQL

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WHERE [MATRIX] = 'WG' AND [LOCID] LIKE 'MW-*';

APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-07BD	MW-07BS	MW-07BS	MW-07BS	MW-07BS
Sample ID			MW-7BD	BSGDIM0207	BSGDIM0107	BSGDIM0107_9/21/05	MW-7BS(09/12/2006)
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			04/16/14	01/29/02	09/16/04	09/21/05	09/12/06
Parameter	**Units**	**Criteria***					
Semivolatile Organic Compounds							
2-Nitrophenol	UG/L	1	NA	10 U	NA	NA	NA
3,3'-Dichlorobenzidine	UG/L	5	NA	20 U	NA	NA	NA
1,3-Dichlorobenzene	UG/L	3	NA	10 U	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/L	1	NA	50 U	NA	NA	NA
4-Bromophenyl-phenylether	UG/L	NS	NA	10 U	NA	NA	NA
1,4-Dichlorobenzene	UG/L	3	NA	10 U	NA	NA	NA
4-Chlorophenyl-phenylether	UG/L	NS	NA	10 U	NA	NA	NA
4-Chloro-3-methylphenol	UG/L	1	NA	10 U	NA	NA	NA
4-Nitrophenol	UG/L	1	NA	50 U	NA	NA	NA
Acenaphthene	UG/L	20 GV	170 D	114 J	66	130	59
Acenaphthylene	UG/L	NS	360 D	35	21.8	39	24
Anthracene	UG/L	50 GV	120 D	23 J	8.3 J	25	10
Benzidine	UG/L	5	NA	80 U	NA	NA	NA
Benzo(a)anthracene	UG/L	0.002 GV	77 D	10 U	1.29 J	11	5 U
Benzo(a)pyrene	UG/L	ND	76 D	10 U	0.982 J	13	5 U
Benzo(b)fluoranthene	UG/L	0.002 GV	58 D	10 U	9.52 U	11	5 U
Benzo(g,h,i)perylene	UG/L	NS	21	10 U	9.52 U	9	5 U
Benzo(k)fluoranthene	UG/L	0.002 GV	15	10 U	9.52 U	4 J	5 U
bis(2-Chloroisopropyl)ether	UG/L	NS	NA	10 U	NA	NA	NA
bis(2-Chloroethoxy)methane	UG/L	5	NA	10 U	NA	NA	NA
bis(2-Chloroethyl)ether	UG/L	1	NA	10 U	NA	NA	NA
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	10 U	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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Concentration Exceeds Criteria

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WHERE [MATRIX] = 'WG' AND [LOCID] LIKE 'MW-*';

APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-07BD	MW-07BS	MW-07BS	MW-07BS	MW-07BS
Sample ID			MW-7BD	BSGDIM0207	BSGDIM0107	BSGDIM0107_9/21/05	MW-7BS(09/12/2006)
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			04/16/14	01/29/02	09/16/04	09/21/05	09/12/06
Parameter	**Units**	**Criteria***					
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	NA	10 U	NA	NA	NA
Chrysene	UG/L	0.002 GV	72 D	10 U	1.2 J	11	5 U
Dibenz(a,h)anthracene	UG/L	NS	4.0 J	10 U	9.52 U	1 U	5 U
Dibenzofuran	UG/L	NS	NA	2.9 J	NA	NA	NA
Diethylphthalate	UG/L	50 GV	NA	10 U	NA	NA	NA
Dimethylphthalate	UG/L	50 GV	NA	10 U	NA	NA	NA
Di-n-butylphthalate	UG/L	50	NA	10 U	NA	NA	NA
Hexachlorobutadiene	UG/L	0.5	NA	10 U	NA	NA	NA
Di-n-octylphthalate	UG/L	50 GV	NA	10 U	NA	NA	NA
Fluoranthene	UG/L	50 GV	270 D	6 J	8.69 J	44	8
Fluorene	UG/L	50 GV	160 D	33	17.7	40	19
Hexachlorocyclopentadiene	UG/L	5	NA	10 U	NA	NA	NA
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	22	10 U	9.52 U	6	5 U
Isophorone	UG/L	50 GV	NA	10 U	NA	NA	NA
Naphthalene	UG/L	10 GV	1,800 D	380	147	150	71
N-Nitrosodimethylamine	UG/L	NS	NA	10 U	NA	NA	NA
N-Nitrosodiphenylamine	UG/L	50 GV	NA	10 U	NA	NA	NA
Phenanthrene	UG/L	50 GV	640 D	61	52.9	140	51
Phenol	UG/L	1	NA	10 U	NA	NA	NA
Pyrene	UG/L	50 GV	290 D	6 J	11	56	9
Total Polynuclear Aromatic Hydrocarbons	UG/L	-	4,155	729.9	349.962	689	251
Total Semivolatile Organic Compounds	UG/L	-	4,155	729.9	349.962	689	251

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

NA - Not Analyzed. ND - Not Detected. U - Not detected above the reported quantitation limit.

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Detection Limits shown are PQL

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WHERE [MATRIX] = 'WG' AND [LOCID] LIKE 'MW-*';

APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-07BD	MW-07BS	MW-07BS	MW-07BS	MW-07BS
Sample ID			MW-7BD	BSGDIM0207	BSGDIM0107	BSGDIM0107_9/21/05	MW-7BS(09/12/2006)
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			04/16/14	01/29/02	09/16/04	09/21/05	09/12/06
Parameter	**Units**	**Criteria***					
Metals							
Aluminum	UG/L	NS	NA	100 U	NA	NA	NA
Antimony	UG/L	3	NA	60 U	NA	NA	NA
Arsenic	UG/L	25	NA	6	NA	NA	NA
Barium	UG/L	1000	NA	30	NA	NA	NA
Cadmium	UG/L	5	NA	5 U	NA	NA	NA
Chromium	UG/L	50	NA	5 U	NA	NA	NA
Copper	UG/L	200	NA	5 U	NA	NA	NA
Iron	UG/L	300	NA	190	NA	NA	NA
Lead	UG/L	25	NA	5 U	NA	NA	NA
Manganese	UG/L	300	NA	160	NA	NA	NA
Mercury	UG/L	0.7	NA	0.4 U	NA	NA	NA
Nickel	UG/L	100	NA	50 U	NA	NA	NA
Selenium	UG/L	10	NA	5 U	NA	NA	NA
Silver	UG/L	50	NA	20 U	NA	NA	NA
Vanadium	UG/L	NS	NA	50 U	NA	NA	NA
Zinc	UG/L	2000 GV	NA	10 U	NA	NA	NA
Miscellaneous Parameters							
Cyanide	UG/L	200	NA	10 U	7.97 J	5 U	10 U
Free Cyanide	UG/L	NS	NA	10 U	NA	NA	NA
Phenolics, Total Recoverable	UG/L	1	NA	207	167	12 U	40 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-07BS	MW-07BS	MW-07BS	MW-07BS	MW-07BS
Sample ID			MW-07BS 10/17/07	MW-7BS	MW-12B	MW-7BS	MW-7BS
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/27/08	12/18/09	12/18/09	03/31/11
Parameter	**Units**	**Criteria***			Field Duplicate (1-1)		
Volatile Organic Compounds							
Benzene	UG/L	1	22	29	7	7	40
Ethylbenzene	UG/L	5	10	14	2 J	3 J	30
Toluene	UG/L	5	3 J	3 J	0.8 J	0.8 J	14
Xylene (total)	UG/L	5	10	12	3 J	3 J	34
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	45	58	12.8	13.8	118
Semivolatile Organic Compounds							
2,4,6-Trichlorophenol	UG/L	1	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	UG/L	5	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	UG/L	ND	NA	NA	NA	NA	NA
Hexachlorobenzene	UG/L	0.04	NA	NA	NA	NA	NA
Hexachloroethane	UG/L	5	NA	NA	NA	NA	NA
Nitrobenzene	UG/L	0.4	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	UG/L	5	NA	NA	NA	NA	NA
2,4-Dichlorophenol	UG/L	5	NA	NA	NA	NA	NA
Pentachlorophenol	UG/L	1	NA	NA	NA	NA	NA
2,4-Dimethylphenol	UG/L	50 GV	NA	NA	NA	NA	NA
2,4-Dinitrophenol	UG/L	10 GV	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	UG/L	5	NA	NA	NA	NA	NA
2-Chloronaphthalene	UG/L	10 GV	NA	NA	NA	NA	NA
2-Chlorophenol	UG/L	1	NA	NA	NA	NA	NA
2-Methylnaphthalene	UG/L	NS	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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WHERE [MATRIX] = 'WG' AND [LOCID] LIKE 'MW-*';

APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-07BS	MW-07BS	MW-07BS	MW-07BS	MW-07BS
Sample ID			MW-07BS 10/17/07	MW-7BS	MW-12B	MW-7BS	MW-7BS
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/27/08	12/18/09	12/18/09	03/31/11
Parameter	Units	Criteria*			Field Duplicate (1-1)		
Semivolatile Organic Compounds							
2-Nitrophenol	UG/L	1	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	UG/L	5	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/L	1	NA	NA	NA	NA	NA
4-Bromophenyl-phenylether	UG/L	NS	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	UG/L	NS	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol	UG/L	1	NA	NA	NA	NA	NA
4-Nitrophenol	UG/L	1	NA	NA	NA	NA	NA
Acenaphthene	UG/L	20 GV	42	53	24	25	30
Acenaphthylene	UG/L	NS	18	23	11	11	12
Anthracene	UG/L	50 GV	8	18	5	6	6.9
Benzidine	UG/L	5	NA	NA	NA	NA	NA
Benzo(a)anthracene	UG/L	0.002 GV	0.9 U	9 J	5 U	1 J	2.6 J
Benzo(a)pyrene	UG/L	ND	0.9 U	5 J	5 U	5 U	2.1 J
Benzo(b)fluoranthene	UG/L	0.002 GV	0.9 U	4 J	5 U	5 U	1.3 J
Benzo(g,h,i)perylene	UG/L	NS	0.9 U	2 J	5 U	5 U	0.97 J
Benzo(k)fluoranthene	UG/L	0.002 GV	0.9 U	3 J	5 U	5 U	0.70 J
bis(2-Chloroisopropyl)ether	UG/L	NS	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	UG/L	5	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether	UG/L	1	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

NA - Not Analyzed. ND - Not Detected. U - Not detected above the reported quantitation limit.

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Detection Limits shown are PQL

APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-07BS	MW-07BS	MW-07BS	MW-07BS	MW-07BS
Sample ID			MW-07BS 10/17/07	MW-7BS	MW-12B	MW-7BS	MW-7BS
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/27/08	12/18/09	12/18/09	03/31/11
Parameter	Units	Criteria*			Field Duplicate (1-1)		
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Chrysene	UG/L	0.002 GV	0.9 U	8 J	5 U	1 J	2.5 J
Dibenz(a,h)anthracene	UG/L	NS	0.9 U	10 U	5 U	5 U	4.7 U
Dibenzofuran	UG/L	NS	NA	NA	NA	NA	NA
Diethylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Dimethylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Di-n-butylphthalate	UG/L	50	NA	NA	NA	NA	NA
Hexachlorobutadiene	UG/L	0.5	NA	NA	NA	NA	NA
Di-n-octylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Fluoranthene	UG/L	50 GV	6	26	5 J	5 J	9.1
Fluorene	UG/L	50 GV	16	23	9	9	12
Hexachlorocyclopentadiene	UG/L	5	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	0.9 U	9 J	5 U	5 U	0.65 J
Isophorone	UG/L	50 GV	NA	NA	NA	NA	NA
Naphthalene	UG/L	10 GV	48	56	23	23	65
N-Nitrosodimethylamine	UG/L	NS	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	UG/L	50 GV	NA	NA	NA	NA	NA
Phenanthrene	UG/L	50 GV	48	90	31	30	37
Phenol	UG/L	1	NA	NA	NA	NA	NA
Pyrene	UG/L	50 GV	6	33	6	7	11
Total Polynuclear Aromatic Hydrocarbons	UG/L	-	192	362	114	118	193.82
Total Semivolatile Organic Compounds	UG/L	-	192	362	114	118	193.82

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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Concentration Exceeds Criteria

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Detection Limits shown are PQL

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WHERE [MATRIX] = 'WG' AND [LOCID] LIKE 'MW-*';

APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-07BS	MW-07BS	MW-07BS	MW-07BS	MW-07BS
Sample ID			MW-07BS 10/17/07	MW-7BS	MW-12B	MW-7BS	MW-7BS
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/27/08	12/18/09	12/18/09	03/31/11
Parameter	**Units**	**Criteria***			Field Duplicate (1-1)		
Metals							
Aluminum	UG/L	NS	NA	NA	NA	NA	NA
Antimony	UG/L	3	NA	NA	NA	NA	NA
Arsenic	UG/L	25	NA	NA	NA	NA	NA
Barium	UG/L	1000	NA	NA	NA	NA	NA
Cadmium	UG/L	5	NA	NA	NA	NA	NA
Chromium	UG/L	50	NA	NA	NA	NA	NA
Copper	UG/L	200	NA	NA	NA	NA	NA
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Mercury	UG/L	0.7	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Selenium	UG/L	10	NA	NA	NA	NA	NA
Silver	UG/L	50	NA	NA	NA	NA	NA
Vanadium	UG/L	NS	NA	NA	NA	NA	NA
Zinc	UG/L	2000 GV	NA	NA	NA	NA	NA
Miscellaneous Parameters							
Cyanide	UG/L	200	5 U	6.0 J	10 U	10 U	NA
Free Cyanide	UG/L	NS	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	UG/L	1	15 U	40 U	40 U	40 U	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

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J - The reported concentration is an estimated value. D - Result reported from a secondary dilution analysis.

Detection Limits shown are PQL

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WHERE [MATRIX] = 'WG' AND [LOCID] LIKE 'MW-*';

APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-07BS	MW-07BS	MW-07BS	MW-07DD	MW-08B
Sample ID			20120731-FD-1	MW-7BS	MW-7BS	MW-7DD 10/16/02	MW-8BS
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			07/31/12	07/31/12	04/16/14	10/16/02	12/28/01
Parameter	**Units**	**Criteria***	Field Duplicate (1-1)				
Volatile Organic Compounds							
Benzene	UG/L	1	65	67	29	0.5 U	0.5 U
Ethylbenzene	UG/L	5	26	29	13	1 U	1 U
Toluene	UG/L	5	6.5	7.3	7.3	1 U	1 U
Xylene (total)	UG/L	5	18	19	17	1 U	1 U
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	115.5	122.3	66.3	ND	ND
Semivolatile Organic Compounds							
2,4,6-Trichlorophenol	UG/L	1	NA	NA	NA	10 U	10 U
2,4-Dinitrotoluene	UG/L	5	NA	NA	NA	10 U	10 U
1,2-Diphenylhydrazine	UG/L	ND	NA	NA	NA	10 U	10 U
Hexachlorobenzene	UG/L	0.04	NA	NA	NA	10 U	10 U
Hexachloroethane	UG/L	5	NA	NA	NA	10 U	10 U
Nitrobenzene	UG/L	0.4	NA	NA	NA	10 U	10 U
1,2,4-Trichlorobenzene	UG/L	5	NA	NA	NA	10 U	10 U
2,4-Dichlorophenol	UG/L	5	NA	NA	NA	10 U	10 U
Pentachlorophenol	UG/L	1	NA	NA	NA	50 U	50 U
2,4-Dimethylphenol	UG/L	50 GV	NA	NA	NA	10 U	10 U
2,4-Dinitrophenol	UG/L	10 GV	NA	NA	NA	50 U	50 U
1,2-Dichlorobenzene	UG/L	3	NA	NA	NA	10 U	10 U
2,6-Dinitrotoluene	UG/L	5	NA	NA	NA	10 U	10 U
2-Chloronaphthalene	UG/L	10 GV	NA	NA	NA	10 U	10 U
2-Chlorophenol	UG/L	1	NA	NA	NA	10 U	10 U
2-Methylnaphthalene	UG/L	NS	NA	NA	NA	10 U	10 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

NA - Not Analyzed. ND - Not Detected. U - Not detected above the reported quantitation limit.

J - The reported concentration is an estimated value. D - Result reported from a secondary dilution analysis.

Detection Limits shown are PQL

J:\Projects\11175784\DB\DB Files From Clifton Park\EDMS.mde
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WHERE [MATRIX] = 'WG' AND [LOCID] LIKE 'MW-*';

APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-07BS	MW-07BS	MW-07BS	MW-07DD	MW-08B
Sample ID			20120731-FD-1	MW-7BS	MW-7BS	MW-7DD 10/16/02	MW-8BS
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			07/31/12	07/31/12	04/16/14	10/16/02	12/28/01
Parameter	**Units**	**Criteria***	Field Duplicate (1-1)				
Semivolatile Organic Compounds							
2-Nitrophenol	UG/L	1	NA	NA	NA	10 U	10 U
3,3'-Dichlorobenzidine	UG/L	5	NA	NA	NA	20 U	20 U
1,3-Dichlorobenzene	UG/L	3	NA	NA	NA	10 U	10 U
4,6-Dinitro-2-methylphenol	UG/L	1	NA	NA	NA	50 U	50 U
4-Bromophenyl-phenylether	UG/L	NS	NA	NA	NA	10 U	10 U
1,4-Dichlorobenzene	UG/L	3	NA	NA	NA	10 U	10 U
4-Chlorophenyl-phenylether	UG/L	NS	NA	NA	NA	10 U	10 U
4-Chloro-3-methylphenol	UG/L	1	NA	NA	NA	10 U	10 U
4-Nitrophenol	UG/L	1	NA	NA	NA	50 U	50 U
Acenaphthene	UG/L	20 GV	27	26	15	10 U	10 U
Acenaphthylene	UG/L	NS	9.7	9.5	5.1	10 U	10 U
Anthracene	UG/L	50 GV	4.7 J	4.6 J	2.5 J	10 U	10 U
Benzidine	UG/L	5	NA	NA	NA	80 U	80 U
Benzo(a)anthracene	UG/L	0.002 GV	0.41 J	5.0 U	0.40 J	10 U	10 U
Benzo(a)pyrene	UG/L	ND	5.1 U	5.0 U	4.9 U	10 U	10 U
Benzo(b)fluoranthene	UG/L	0.002 GV	5.1 U	5.0 U	4.9 U	10 U	10 U
Benzo(g,h,i)perylene	UG/L	NS	5.1 U	5.0 U	4.9 U	10 U	10 U
Benzo(k)fluoranthene	UG/L	0.002 GV	5.1 U	5.0 U	4.9 U	10 U	10 U
bis(2-Chloroisopropyl)ether	UG/L	NS	NA	NA	NA	10 U	10 U
bis(2-Chloroethoxy)methane	UG/L	5	NA	NA	NA	10 U	10 U
bis(2-Chloroethyl)ether	UG/L	1	NA	NA	NA	10 U	10 U
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	NA	NA	10 U	10 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during chemistry validation are shown.

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APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-07BS	MW-07BS	MW-07BS	MW-07DD	MW-08B
Sample ID			20120731-FD-1	MW-7BS	MW-7BS	MW-7DD 10/16/02	MW-8BS
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			07/31/12	07/31/12	04/16/14	10/16/02	12/28/01
Parameter	**Units**	**Criteria***	Field Duplicate (1-1)				
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	NA	NA	NA	10 U	10 U
Chrysene	UG/L	0.002 GV	5.1 U	5.0 U	4.9 U	10 U	10 U
Dibenz(a,h)anthracene	UG/L	NS	5.1 U	5.0 U	4.9 U	10 U	10 U
Dibenzofuran	UG/L	NS	NA	NA	NA	10 U	NA
Diethylphthalate	UG/L	50 GV	NA	NA	NA	10 U	10 U
Dimethylphthalate	UG/L	50 GV	NA	NA	NA	10 U	10 U
Di-n-butylphthalate	UG/L	50	NA	NA	NA	10 U	10 U
Hexachlorobutadiene	UG/L	0.5	NA	NA	NA	10 U	10 U
Di-n-octylphthalate	UG/L	50 GV	NA	NA	NA	10 U	10 U
Fluoranthene	UG/L	50 GV	4.0 J	4.1 J	3.1 J	10 U	10 U
Fluorene	UG/L	50 GV	9.8	9.9	5.0	10 U	10 U
Hexachlorocyclopentadiene	UG/L	5	NA	NA	NA	10 U	10 U
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	5.1 U	5.0 U	4.9 U	10 U	10 U
Isophorone	UG/L	50 GV	NA	NA	NA	10 U	10 U
Naphthalene	UG/L	10 GV	18	20	20	10 U	10 U
N-Nitrosodimethylamine	UG/L	NS	NA	NA	NA	10 U	10 U
N-Nitrosodiphenylamine	UG/L	50 GV	NA	NA	NA	10 U	10 U
Phenanthrene	UG/L	50 GV	31	31	12	10 U	10 U
Phenol	UG/L	1	NA	NA	NA	140	10 U
Pyrene	UG/L	50 GV	4.8 J	5.1	3.0 J	10 U	10 U
Total Polynuclear Aromatic Hydrocarbons	UG/L	-	109.41	110.2	66.1	ND	ND
Total Semivolatile Organic Compounds	UG/L	-	109.41	110.2	66.1	140	ND

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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Detection Limits shown are PQL

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WHERE [MATRIX] = 'WG' AND [LOCID] LIKE 'MW-*';

APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-07BS	MW-07BS	MW-07BS	MW-07DD	MW-08B
Sample ID			20120731-FD-1	MW-7BS	MW-7BS	MW-7DD 10/16/02	MW-8BS
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			07/31/12	07/31/12	04/16/14	10/16/02	12/28/01
Parameter	**Units**	**Criteria***	Field Duplicate (1-1)				
Metals							
Aluminum	UG/L	NS	NA	NA	NA	1,500	700
Antimony	UG/L	3	NA	NA	NA	60 U	60 U
Arsenic	UG/L	25	NA	NA	NA	5 U	5 U
Barium	UG/L	1000	NA	NA	NA	10 U	90
Cadmium	UG/L	5	NA	NA	NA	5 U	5 U
Chromium	UG/L	50	NA	NA	NA	46	5 U
Copper	UG/L	200	NA	NA	NA	14	50 U
Iron	UG/L	300	NA	NA	NA	250	490
Lead	UG/L	25	NA	NA	NA	5 U	5 U
Manganese	UG/L	300	NA	NA	NA	20 U	20 U
Mercury	UG/L	0.7	NA	NA	NA	0.4 U	0.4 U
Nickel	UG/L	100	NA	NA	NA	50 U	50 U
Selenium	UG/L	10	NA	NA	NA	5 U	5 U
Silver	UG/L	50	NA	NA	NA	20 U	20 U
Vanadium	UG/L	NS	NA	NA	NA	50 U	50 U
Zinc	UG/L	2000 GV	NA	NA	NA	10 U	10 U
Miscellaneous Parameters							
Cyanide	UG/L	200	NA	NA	NA	20	10 U
Free Cyanide	UG/L	NS	NA	NA	NA	NA	10 U
Phenolics, Total Recoverable	UG/L	1	NA	NA	NA	NA	2 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-08BD	MW-09B	MW-09B	MW-09B	MW-09B
Sample ID			BSGDD0208	BSGDD0209	BSGDD0109	BSGDD0109_9/21/05	MW-9B(09/12/2006)
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			02/27/02	01/30/02	09/16/04	09/21/05	09/12/06
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
Benzene	UG/L	1	0.5 U	3	0.434 J	0.5 U	5 U
Ethylbenzene	UG/L	5	1 U	1 U	1 U	0.8 U	5 U
Toluene	UG/L	5	1 U	1 U	0.357 J	0.7 U	5 U
Xylene (total)	UG/L	5	1 U	8	2 U	0.8 U	5 U
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	ND	11	0.791	ND	ND
Semivolatile Organic Compounds							
2,4,6-Trichlorophenol	UG/L	1	17 U	10 U	NA	NA	NA
2,4-Dinitrotoluene	UG/L	5	17 U	10 U	NA	NA	NA
1,2-Diphenylhydrazine	UG/L	ND	17 U	10 U	NA	NA	NA
Hexachlorobenzene	UG/L	0.04	17 U	10 U	NA	NA	NA
Hexachloroethane	UG/L	5	17 U	10 U	NA	NA	NA
Nitrobenzene	UG/L	0.4	17 U	10 U	NA	NA	NA
1,2,4-Trichlorobenzene	UG/L	5	17 U	10 U	NA	NA	NA
2,4-Dichlorophenol	UG/L	5	17 U	10 U	NA	NA	NA
Pentachlorophenol	UG/L	1	83 U	50 U	NA	NA	NA
2,4-Dimethylphenol	UG/L	50 GV	17 U	10 U	NA	NA	NA
2,4-Dinitrophenol	UG/L	10 GV	83 U	50 U	NA	NA	NA
1,2-Dichlorobenzene	UG/L	3	17 U	10 U	NA	NA	NA
2,6-Dinitrotoluene	UG/L	5	17 U	10 U	NA	NA	NA
2-Chloronaphthalene	UG/L	10 GV	17 U	10 U	NA	NA	NA
2-Chlorophenol	UG/L	1	17 U	10 U	NA	NA	NA
2-Methylnaphthalene	UG/L	NS	17 U	10 U	9.62 U	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-08BD	MW-09B	MW-09B	MW-09B	MW-09B
Sample ID			BSGDD0208	BSGDD0209	BSGDD0109	BSGDD0109_9/21/05	MW-9B(09/12/2006)
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			02/27/02	01/30/02	09/16/04	09/21/05	09/12/06
Parameter	**Units**	**Criteria***					
Semivolatile Organic Compounds							
2-Nitrophenol	UG/L	1	17 U	10 U	NA	NA	NA
3,3'-Dichlorobenzidine	UG/L	5	33 U	20 U	NA	NA	NA
1,3-Dichlorobenzene	UG/L	3	17 U	10 U	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/L	1	83 U	50 U	NA	NA	NA
4-Bromophenyl-phenylether	UG/L	NS	17 U	10 U	NA	NA	NA
1,4-Dichlorobenzene	UG/L	3	17 U	10 U	NA	NA	NA
4-Chlorophenyl-phenylether	UG/L	NS	17 U	10 U	NA	NA	NA
4-Chloro-3-methylphenol	UG/L	1	17 U	10 U	NA	NA	NA
4-Nitrophenol	UG/L	1	83 U	50 U	NA	NA	NA
Acenaphthene	UG/L	20 GV	17 U	10 U	9.62 U	NA	1 J
Acenaphthylene	UG/L	NS	17 U	10 U	1.87 J	NA	6 U
Anthracene	UG/L	50 GV	17 U	10 U	9.62 U	NA	6 U
Benzidine	UG/L	5	130 U	80 U	NA	NA	NA
Benzo(a)anthracene	UG/L	0.002 GV	17 U	10 U	9.62 U	NA	6 U
Benzo(a)pyrene	UG/L	ND	17 U	10 U	9.62 U	NA	6 U
Benzo(b)fluoranthene	UG/L	0.002 GV	17 U	10 U	9.62 U	NA	6 U
Benzo(g,h,i)perylene	UG/L	NS	17 U	10 U	9.62 U	NA	6 U
Benzo(k)fluoranthene	UG/L	0.002 GV	17 U	10 U	9.62 U	NA	6 U
bis(2-Chloroisopropyl)ether	UG/L	NS	17 U	10 U	NA	NA	NA
bis(2-Chloroethoxy)methane	UG/L	5	17 U	10 U	NA	NA	NA
bis(2-Chloroethyl)ether	UG/L	1	17 U	10 U	NA	NA	NA
bis(2-Ethylhexyl)phthalate	UG/L	5	17 U	10 U	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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WHERE [MATRIX] = 'WG' AND [LOCID] LIKE 'MW-*';

APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-08BD	MW-09B	MW-09B	MW-09B	MW-09B
Sample ID			BSGDD0208	BSGDD0209	BSGDD0109	BSGDD0109_9/21/05	MW-9B(09/12/2006)
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			02/27/02	01/30/02	09/16/04	09/21/05	09/12/06
Parameter	**Units**	**Criteria***					
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	17 U	10 U	NA	NA	NA
Chrysene	UG/L	0.002 GV	17 U	10 U	9.62 U	NA	6 U
Dibenz(a,h)anthracene	UG/L	NS	17 U	10 U	9.62 U	NA	6 U
Dibenzofuran	UG/L	NS	NA	NA	NA	NA	NA
Diethylphthalate	UG/L	50 GV	17 U	10 U	NA	NA	NA
Dimethylphthalate	UG/L	50 GV	17 U	10 U	NA	NA	NA
Di-n-butylphthalate	UG/L	50	17 U	10 U	NA	NA	NA
Hexachlorobutadiene	UG/L	0.5	17 U	10 U	NA	NA	NA
Di-n-octylphthalate	UG/L	50 GV	17 U	10 U	NA	NA	NA
Fluoranthene	UG/L	50 GV	17 U	10 U	9.62 U	NA	6 U
Fluorene	UG/L	50 GV	17 U	10 U	9.62 U	NA	6 U
Hexachlorocyclopentadiene	UG/L	5	17 U	10 U	NA	NA	NA
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	17 U	10 U	9.62 U	NA	6 U
Isophorone	UG/L	50 GV	17 U	10 U	NA	NA	NA
Naphthalene	UG/L	10 GV	17 U	4.5 J	9.62 U	NA	6 U
N-Nitrosodimethylamine	UG/L	NS	17 U	10 U	NA	NA	NA
N-Nitrosodiphenylamine	UG/L	50 GV	17 U	10 U	NA	NA	NA
Phenanthrene	UG/L	50 GV	17 U	10 U	9.62 U	NA	2 J
Phenol	UG/L	1	17 U	42	NA	NA	NA
Pyrene	UG/L	50 GV	17 U	10 U	9.62 U	NA	6 U
Total Polynuclear Aromatic Hydrocarbons	UG/L	-	ND	4.5	1.87	NA	3
Total Semivolatile Organic Compounds	UG/L	-	ND	46.5	1.87	NA	3

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

NA - Not Analyzed. ND - Not Detected. U - Not detected above the reported quantitation limit.

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Detection Limits shown are PQL

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APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-08BD	MW-09B	MW-09B	MW-09B	MW-09B
Sample ID			BSGDD0208	BSGDD0209	BSGDD0109	BSGDD0109_9/21/05	MW-9B(09/12/2006)
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			02/27/02	01/30/02	09/16/04	09/21/05	09/12/06
Parameter	**Units**	**Criteria***					
Metals							
Aluminum	UG/L	NS	NA	2,000	NA	NA	NA
Antimony	UG/L	3	NA	60 U	NA	NA	NA
Arsenic	UG/L	25	NA	5 U	NA	NA	NA
Barium	UG/L	1000	NA	20	NA	NA	NA
Cadmium	UG/L	5	NA	5 U	NA	NA	NA
Chromium	UG/L	50	NA	11	NA	NA	NA
Copper	UG/L	200	NA	29	NA	NA	NA
Iron	UG/L	300	NA	3,340	NA	NA	NA
Lead	UG/L	25	NA	5 U	NA	NA	NA
Manganese	UG/L	300	NA	80	NA	NA	NA
Mercury	UG/L	0.7	NA	0.4 U	NA	NA	NA
Nickel	UG/L	100	NA	50 U	NA	NA	NA
Selenium	UG/L	10	NA	5 U	NA	NA	NA
Silver	UG/L	50	NA	20 U	NA	NA	NA
Vanadium	UG/L	NS	NA	50 U	NA	NA	NA
Zinc	UG/L	2000 GV	NA	80	NA	NA	NA
Miscellaneous Parameters							
Cyanide	UG/L	200	NA	130	10 U	NA	NA
Free Cyanide	UG/L	NS	NA	130	NA	NA	NA
Phenolics, Total Recoverable	UG/L	1	7	123	3.72 J	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

NA - Not Analyzed. ND - Not Detected. U - Not detected above the reported quantitation limit.

J - The reported concentration is an estimated value. D - Result reported from a secondary dilution analysis.

Detection Limits shown are PQL

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WHERE [MATRIX] = 'WG' AND [LOCID] LIKE 'MW-*';

APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-09B	MW-09B	MW-09B	MW-09B	MW-09B
Sample ID			MW-09B 10/17/07	MW-9B	MW-9B	MW-9B	MW-9B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/28/08	12/18/09	04/01/11	08/02/12
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
Benzene	UG/L	1	0.5 U	5 U	5 U	1.0 U	1.0 U
Ethylbenzene	UG/L	5	0.8 U	5 U	5 U	1.0 U	1.0 U
Toluene	UG/L	5	0.7 U	5 U	0.8 J	1.0 U	1.0 U
Xylene (total)	UG/L	5	0.8 U	5 U	5 U	2.0 U	2.0 U
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	ND	ND	0.8	ND	ND
Semivolatile Organic Compounds							
2,4,6-Trichlorophenol	UG/L	1	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	UG/L	5	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	UG/L	ND	NA	NA	NA	NA	NA
Hexachlorobenzene	UG/L	0.04	NA	NA	NA	NA	NA
Hexachloroethane	UG/L	5	NA	NA	NA	NA	NA
Nitrobenzene	UG/L	0.4	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	UG/L	5	NA	NA	NA	NA	NA
2,4-Dichlorophenol	UG/L	5	NA	NA	NA	NA	NA
Pentachlorophenol	UG/L	1	NA	NA	NA	NA	NA
2,4-Dimethylphenol	UG/L	50 GV	NA	NA	NA	NA	NA
2,4-Dinitrophenol	UG/L	10 GV	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	UG/L	5	NA	NA	NA	NA	NA
2-Chloronaphthalene	UG/L	10 GV	NA	NA	NA	NA	NA
2-Chlorophenol	UG/L	1	NA	NA	NA	NA	NA
2-Methylnaphthalene	UG/L	NS	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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Concentration Exceeds Criteria

NA - Not Analyzed. ND - Not Detected. U - Not detected above the reported quantitation limit.

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Detection Limits shown are PQL

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WHERE [MATRIX] = 'WG' AND [LOCID] LIKE 'MW-*';

APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-09B	MW-09B	MW-09B	MW-09B	MW-09B
Sample ID			MW-09B 10/17/07	MW-9B	MW-9B	MW-9B	MW-9B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/28/08	12/18/09	04/01/11	08/02/12
Parameter	**Units**	**Criteria***					
Semivolatile Organic Compounds							
2-Nitrophenol	UG/L	1	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	UG/L	5	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/L	1	NA	NA	NA	NA	NA
4-Bromophenyl-phenylether	UG/L	NS	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	UG/L	NS	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol	UG/L	1	NA	NA	NA	NA	NA
4-Nitrophenol	UG/L	1	NA	NA	NA	NA	NA
Acenaphthene	UG/L	20 GV	1 U	25 U	NA	NA	NA
Acenaphthylene	UG/L	NS	2 J	25 U	NA	NA	NA
Anthracene	UG/L	50 GV	1 U	25 U	NA	NA	NA
Benzidine	UG/L	5	NA	NA	NA	NA	NA
Benzo(a)anthracene	UG/L	0.002 GV	1 U	25 U	NA	NA	NA
Benzo(a)pyrene	UG/L	ND	1 U	25 U	NA	NA	NA
Benzo(b)fluoranthene	UG/L	0.002 GV	1 U	25 U	NA	NA	NA
Benzo(g,h,i)perylene	UG/L	NS	1 U	25 U	NA	NA	NA
Benzo(k)fluoranthene	UG/L	0.002 GV	1 U	25 U	NA	NA	NA
bis(2-Chloroisopropyl)ether	UG/L	NS	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	UG/L	5	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether	UG/L	1	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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WHERE [MATRIX] = 'WG' AND [LOCID] LIKE 'MW-*';

APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-09B	MW-09B	MW-09B	MW-09B	MW-09B
Sample ID			MW-09B 10/17/07	MW-9B	MW-9B	MW-9B	MW-9B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/28/08	12/18/09	04/01/11	08/02/12
Parameter	**Units**	**Criteria***					
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Chrysene	UG/L	0.002 GV	1 U	25 U	NA	NA	NA
Dibenz(a,h)anthracene	UG/L	NS	1 U	25 U	NA	NA	NA
Dibenzofuran	UG/L	NS	NA	NA	NA	NA	NA
Diethylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Dimethylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Di-n-butylphthalate	UG/L	50	NA	NA	NA	NA	NA
Hexachlorobutadiene	UG/L	0.5	NA	NA	NA	NA	NA
Di-n-octylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Fluoranthene	UG/L	50 GV	1 U	25 U	NA	NA	NA
Fluorene	UG/L	50 GV	1 U	25 U	NA	NA	NA
Hexachlorocyclopentadiene	UG/L	5	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	1 U	25 U	NA	NA	NA
Isophorone	UG/L	50 GV	NA	NA	NA	NA	NA
Naphthalene	UG/L	10 GV	1 J	25 U	NA	NA	NA
N-Nitrosodimethylamine	UG/L	NS	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	UG/L	50 GV	NA	NA	NA	NA	NA
Phenanthrene	UG/L	50 GV	2 J	25 U	NA	NA	NA
Phenol	UG/L	1	NA	NA	NA	NA	NA
Pyrene	UG/L	50 GV	1 U	25 U	NA	NA	NA
Total Polynuclear Aromatic Hydrocarbons	UG/L	-	5	ND	NA	NA	NA
Total Semivolatile Organic Compounds	UG/L	-	5	ND	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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WHERE [MATRIX] = 'WG' AND [LOCID] LIKE 'MW-*';

APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-09B	MW-09B	MW-09B	MW-09B	MW-09B
Sample ID			MW-09B 10/17/07	MW-9B	MW-9B	MW-9B	MW-9B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/28/08	12/18/09	04/01/11	08/02/12
Parameter	**Units**	**Criteria***					
Metals							
Aluminum	UG/L	NS	NA	NA	NA	NA	NA
Antimony	UG/L	3	NA	NA	NA	NA	NA
Arsenic	UG/L	25	NA	NA	NA	NA	NA
Barium	UG/L	1000	NA	NA	NA	NA	NA
Cadmium	UG/L	5	NA	NA	NA	NA	NA
Chromium	UG/L	50	NA	NA	NA	NA	NA
Copper	UG/L	200	NA	NA	NA	NA	NA
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Mercury	UG/L	0.7	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Selenium	UG/L	10	NA	NA	NA	NA	NA
Silver	UG/L	50	NA	NA	NA	NA	NA
Vanadium	UG/L	NS	NA	NA	NA	NA	NA
Zinc	UG/L	2000 GV	NA	NA	NA	NA	NA
Miscellaneous Parameters							
Cyanide	UG/L	200	NA	NA	NA	NA	NA
Free Cyanide	UG/L	NS	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	UG/L	1	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-09B	MW-10B	MW-10B	MW-10B	MW-10B
Sample ID			MW-9B	DUP-10/04/02	MW-10B 10/04/02	BSGDD0210	BSGDD0210_9/21/05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			04/16/14	10/04/02	10/04/02	09/16/04	09/21/05
Parameter	**Units**	**Criteria***		Field Duplicate (1-1)			
Volatile Organic Compounds							
Benzene	UG/L	1	1.0 U	6	6 U	1.68	2 J
Ethylbenzene	UG/L	5	1.0 U	1 U	1 U	0.292 J	0.8 U
Toluene	UG/L	5	1.0 U	1 U	1 U	0.475 J	0.7 U
Xylene (total)	UG/L	5	2.0 U	1 U	1 U	2 U	0.8 U
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	ND	6	ND	2.447	2
Semivolatile Organic Compounds							
2,4,6-Trichlorophenol	UG/L	1	NA	10 U	10 U	NA	NA
2,4-Dinitrotoluene	UG/L	5	NA	10 U	10 U	NA	NA
1,2-Diphenylhydrazine	UG/L	ND	NA	10 U	10 U	NA	NA
Hexachlorobenzene	UG/L	0.04	NA	10 U	10 U	NA	NA
Hexachloroethane	UG/L	5	NA	10 U	10 U	NA	NA
Nitrobenzene	UG/L	0.4	NA	10 U	10 U	NA	NA
1,2,4-Trichlorobenzene	UG/L	5	NA	10 U	10 U	NA	NA
2,4-Dichlorophenol	UG/L	5	NA	10 U	10 U	NA	NA
Pentachlorophenol	UG/L	1	NA	50 U	50 U	NA	NA
2,4-Dimethylphenol	UG/L	50 GV	NA	10 U	10 U	NA	NA
2,4-Dinitrophenol	UG/L	10 GV	NA	50 U	50 U	NA	NA
1,2-Dichlorobenzene	UG/L	3	NA	10 U	10 U	NA	NA
2,6-Dinitrotoluene	UG/L	5	NA	10 U	10 U	NA	NA
2-Chloronaphthalene	UG/L	10 GV	NA	10 U	10 U	NA	NA
2-Chlorophenol	UG/L	1	NA	10 U	10 U	NA	NA
2-Methylnaphthalene	UG/L	NS	NA	10 U	10 U	9.8 U	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-09B	MW-10B	MW-10B	MW-10B	MW-10B
Sample ID			MW-9B	DUP-10/04/02	MW-10B 10/04/02	BSGDD0210	BSGDD0210_9/21/05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			04/16/14	10/04/02	10/04/02	09/16/04	09/21/05
Parameter	**Units**	**Criteria***		Field Duplicate (1-1)			
Semivolatile Organic Compounds							
2-Nitrophenol	UG/L	1	NA	10 U	10 U	NA	NA
3,3'-Dichlorobenzidine	UG/L	5	NA	20 U	20 U	NA	NA
1,3-Dichlorobenzene	UG/L	3	NA	10 U	10 U	NA	NA
4,6-Dinitro-2-methylphenol	UG/L	1	NA	50 U	50 U	NA	NA
4-Bromophenyl-phenylether	UG/L	NS	NA	10 U	10 U	NA	NA
1,4-Dichlorobenzene	UG/L	3	NA	10 U	10 U	NA	NA
4-Chlorophenyl-phenylether	UG/L	NS	NA	10 U	10 U	NA	NA
4-Chloro-3-methylphenol	UG/L	1	NA	10 U	10 U	NA	NA
4-Nitrophenol	UG/L	1	NA	50 U	50 U	NA	NA
Acenaphthene	UG/L	20 GV	4.8 U	10 U	10 U	9.8 U	1 U
Acenaphthylene	UG/L	NS	1.2 J	10 U	10 U	9.8 U	1 U
Anthracene	UG/L	50 GV	0.79 J	10 U	10 U	9.8 U	1 U
Benzidine	UG/L	5	NA	80 U	80 U	NA	NA
Benzo(a)anthracene	UG/L	0.002 GV	1.2 J	10 U	10 U	9.8 U	1 U
Benzo(a)pyrene	UG/L	ND	1.2 J	10 U	10 U	9.8 U	1 U
Benzo(b)fluoranthene	UG/L	0.002 GV	1.6 J	10 U	10 U	9.8 U	1 U
Benzo(g,h,i)perylene	UG/L	NS	4.8 U	10 U	10 U	9.8 U	1 U
Benzo(k)fluoranthene	UG/L	0.002 GV	4.8 U	10 U	10 U	9.8 U	1 U
bis(2-Chloroisopropyl)ether	UG/L	NS	NA	10 U	10 U	NA	NA
bis(2-Chloroethoxy)methane	UG/L	5	NA	10 U	10 U	NA	NA
bis(2-Chloroethyl)ether	UG/L	1	NA	10 U	10 U	NA	NA
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	10 U	10 U	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-09B	MW-10B	MW-10B	MW-10B	MW-10B
Sample ID			MW-9B	DUP-10/04/02	MW-10B 10/04/02	BSGDD0210	BSGDD0210_9/21/05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			04/16/14	10/04/02	10/04/02	09/16/04	09/21/05
Parameter	**Units**	**Criteria***		Field Duplicate (1-1)			
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	NA	10 U	10 U	NA	NA
Chrysene	UG/L	0.002 GV	0.79 J	10 U	10 U	9.8 U	1 U
Dibenz(a,h)anthracene	UG/L	NS	4.8 U	10 U	10 U	9.8 U	1 U
Dibenzofuran	UG/L	NS	NA	10 U	10	NA	NA
Diethylphthalate	UG/L	50 GV	NA	10 U	10 U	NA	NA
Dimethylphthalate	UG/L	50 GV	NA	10 U	10 U	NA	NA
Di-n-butylphthalate	UG/L	50	NA	10 U	10 U	NA	NA
Hexachlorobutadiene	UG/L	0.5	NA	10 U	10 U	NA	NA
Di-n-octylphthalate	UG/L	50 GV	NA	10 U	10 U	NA	NA
Fluoranthene	UG/L	50 GV	2.6 J	10 U	10 U	9.8 U	1 U
Fluorene	UG/L	50 GV	0.53 J	10 U	10 U	9.8 U	1 U
Hexachlorocyclopentadiene	UG/L	5	NA	10 U	10 U	NA	NA
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	4.8 U	10 U	10 U	9.8 U	1 U
Isophorone	UG/L	50 GV	NA	10 U	10 U	NA	NA
Naphthalene	UG/L	10 GV	2.2 J	10 U	10 U	1.58 J	1 U
N-Nitrosodimethylamine	UG/L	NS	NA	10 U	10 U	NA	NA
N-Nitrosodiphenylamine	UG/L	50 GV	NA	10 U	10 U	NA	NA
Phenanthrene	UG/L	50 GV	3.7 J	10 U	10 U	9.8 U	1 U
Phenol	UG/L	1	NA	10 U	10 U	NA	NA
Pyrene	UG/L	50 GV	2.2 J	10 U	10 U	9.8 U	1 U
Total Polynuclear Aromatic Hydrocarbons	UG/L	-	18.01	ND	10	1.58	ND
Total Semivolatile Organic Compounds	UG/L	-	18.01	ND	10	1.58	ND

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-09B	MW-10B	MW-10B	MW-10B	MW-10B
Sample ID			MW-9B	DUP-10/04/02	MW-10B 10/04/02	BSGDD0210	BSGDD0210_9/21/05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			04/16/14	10/04/02	10/04/02	09/16/04	09/21/05
Parameter	**Units**	**Criteria***		Field Duplicate (1-1)			
Metals							
Aluminum	UG/L	NS	NA	2,400	900	NA	NA
Antimony	UG/L	3	NA	60 U	60 U	NA	NA
Arsenic	UG/L	25	NA	5 U	5 U	NA	NA
Barium	UG/L	1000	NA	380	350	NA	NA
Cadmium	UG/L	5	NA	5 U	5 U	NA	NA
Chromium	UG/L	50	NA	5 U	5 U	NA	NA
Copper	UG/L	200	NA	5 U	5 U	NA	NA
Iron	UG/L	300	NA	9,420	2,840	NA	NA
Lead	UG/L	25	NA	5 U	5 U	NA	NA
Manganese	UG/L	300	NA	330	100	NA	NA
Mercury	UG/L	0.7	NA	0.4 U	0.4 U	NA	NA
Nickel	UG/L	100	NA	50 U	50 U	NA	NA
Selenium	UG/L	10	NA	5 U	5 U	NA	NA
Silver	UG/L	50	NA	20 U	20 U	NA	NA
Vanadium	UG/L	NS	NA	50 U	50 U	NA	NA
Zinc	UG/L	2000 GV	NA	10 U	50 U	NA	NA
Miscellaneous Parameters							
Cyanide	UG/L	200	NA	10 U	10 U	10 U	5 U
Free Cyanide	UG/L	NS	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	UG/L	1	NA	NA	NA	6.92	15 J

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APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-10B	MW-10B	MW-10B	MW-10B	MW-10B
Sample ID			MW-10B(09/12/2006)	MW-10B 10/17/07	URS 101707	DUP-102708	MW-10B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/12/06	10/17/07	10/17/07	10/27/08	10/27/08
Parameter	**Units**	**Criteria***			Field Duplicate (1-1)	Field Duplicate (1-1)	
Volatile Organic Compounds							
Benzene	UG/L	1	1 J	0.5 U	0.5 U	5 U	5 U
Ethylbenzene	UG/L	5	5 U	0.8 U	0.8 U	5 U	5 U
Toluene	UG/L	5	5 U	0.7 U	0.7 U	5 U	5 U
Xylene (total)	UG/L	5	5 U	0.8 U	0.8 U	5 U	5 U
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	1	ND	ND	ND	ND
Semivolatile Organic Compounds							
2,4,6-Trichlorophenol	UG/L	1	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	UG/L	5	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	UG/L	ND	NA	NA	NA	NA	NA
Hexachlorobenzene	UG/L	0.04	NA	NA	NA	NA	NA
Hexachloroethane	UG/L	5	NA	NA	NA	NA	NA
Nitrobenzene	UG/L	0.4	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	UG/L	5	NA	NA	NA	NA	NA
2,4-Dichlorophenol	UG/L	5	NA	NA	NA	NA	NA
Pentachlorophenol	UG/L	1	NA	NA	NA	NA	NA
2,4-Dimethylphenol	UG/L	50 GV	NA	NA	NA	NA	NA
2,4-Dinitrophenol	UG/L	10 GV	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	UG/L	5	NA	NA	NA	NA	NA
2-Chloronaphthalene	UG/L	10 GV	NA	NA	NA	NA	NA
2-Chlorophenol	UG/L	1	NA	NA	NA	NA	NA
2-Methylnaphthalene	UG/L	NS	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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Concentration Exceeds Criteria

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J - The reported concentration is an estimated value. D - Result reported from a secondary dilution analysis.

Detection Limits shown are PQL

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WHERE [MATRIX] = 'WG' AND [LOCID] LIKE 'MW-*';

APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-10B	MW-10B	MW-10B	MW-10B	MW-10B
Sample ID			MW-10B(09/12/2006)	MW-10B 10/17/07	URS 101707	DUP-102708	MW-10B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/12/06	10/17/07	10/17/07	10/27/08	10/27/08
Parameter	Units	Criteria*			Field Duplicate (1-1)	Field Duplicate (1-1)	
Semivolatile Organic Compounds							
2-Nitrophenol	UG/L	1	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	UG/L	5	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/L	1	NA	NA	NA	NA	NA
4-Bromophenyl-phenylether	UG/L	NS	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	UG/L	NS	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol	UG/L	1	NA	NA	NA	NA	NA
4-Nitrophenol	UG/L	1	NA	NA	NA	NA	NA
Acenaphthene	UG/L	20 GV	5 U	1 U	1 U	25 U	25 U
Acenaphthylene	UG/L	NS	1 J	1 U	1 U	25 U	25 U
Anthracene	UG/L	50 GV	5 U	1 U	1 U	25 U	25 U
Benzidine	UG/L	5	NA	NA	NA	NA	NA
Benzo(a)anthracene	UG/L	0.002 GV	5 U	1 U	1 U	25 U	25 U
Benzo(a)pyrene	UG/L	ND	5 U	1 U	1 U	25 U	25 U
Benzo(b)fluoranthene	UG/L	0.002 GV	5 U	1 U	1 U	25 U	25 U
Benzo(g,h,i)perylene	UG/L	NS	5 U	1 U	1 U	25 U	25 U
Benzo(k)fluoranthene	UG/L	0.002 GV	5 U	1 U	1 U	25 U	25 U
bis(2-Chloroisopropyl)ether	UG/L	NS	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	UG/L	5	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether	UG/L	1	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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Concentration Exceeds Criteria

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APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-10B	MW-10B	MW-10B	MW-10B	MW-10B
Sample ID			MW-10B(09/12/2006)	MW-10B 10/17/07	URS 101707	DUP-102708	MW-10B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/12/06	10/17/07	10/17/07	10/27/08	10/27/08
Parameter	Units	Criteria*			Field Duplicate (1-1)	Field Duplicate (1-1)	
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Chrysene	UG/L	0.002 GV	5 U	1 U	1 U	25 U	25 U
Dibenz(a,h)anthracene	UG/L	NS	5 U	1 U	1 U	25 U	25 U
Dibenzofuran	UG/L	NS	NA	NA	NA	NA	NA
Diethylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Dimethylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Di-n-butylphthalate	UG/L	50	NA	NA	NA	NA	NA
Hexachlorobutadiene	UG/L	0.5	NA	NA	NA	NA	NA
Di-n-octylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Fluoranthene	UG/L	50 GV	5 U	1 U	1 U	25 U	25 U
Fluorene	UG/L	50 GV	5 U	1 U	1 U	25 U	25 U
Hexachlorocyclopentadiene	UG/L	5	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	5 U	1 U	1 U	25 U	25 U
Isophorone	UG/L	50 GV	NA	NA	NA	NA	NA
Naphthalene	UG/L	10 GV	5 U	1 U	1 U	25 U	25 U
N-Nitrosodimethylamine	UG/L	NS	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	UG/L	50 GV	NA	NA	NA	NA	NA
Phenanthrene	UG/L	50 GV	5 U	1 U	1 U	25 U	25 U
Phenol	UG/L	1	NA	NA	NA	NA	NA
Pyrene	UG/L	50 GV	5 U	1 U	1 U	25 U	25 U
Total Polynuclear Aromatic Hydrocarbons	UG/L	-	1	ND	ND	ND	ND
Total Semivolatile Organic Compounds	UG/L	-	1	ND	ND	ND	ND

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-10B	MW-10B	MW-10B	MW-10B	MW-10B
Sample ID			MW-10B(09/12/2006)	MW-10B 10/17/07	URS 101707	DUP-102708	MW-10B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/12/06	10/17/07	10/17/07	10/27/08	10/27/08
Parameter	**Units**	**Criteria***			Field Duplicate (1-1)	Field Duplicate (1-1)	
Metals							
Aluminum	UG/L	NS	NA	NA	NA	NA	NA
Antimony	UG/L	3	NA	NA	NA	NA	NA
Arsenic	UG/L	25	NA	NA	NA	NA	NA
Barium	UG/L	1000	NA	NA	NA	NA	NA
Cadmium	UG/L	5	NA	NA	NA	NA	NA
Chromium	UG/L	50	NA	NA	NA	NA	NA
Copper	UG/L	200	NA	NA	NA	NA	NA
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Mercury	UG/L	0.7	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Selenium	UG/L	10	NA	NA	NA	NA	NA
Silver	UG/L	50	NA	NA	NA	NA	NA
Vanadium	UG/L	NS	NA	NA	NA	NA	NA
Zinc	UG/L	2000 GV	NA	NA	NA	NA	NA
Miscellaneous Parameters							
Cyanide	UG/L	200	10 U	5 U	5 U	10 U	10 U
Free Cyanide	UG/L	NS	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	UG/L	1	17 J	15 U	15 U	40 U	40 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-10B	MW-11B	MW-11B	MW-11B	MW-11B
Sample ID			MW-10B	BSGDD0211	BSGDD0111	BSGDD0111_9/21/05	MW-11B(09/12/2006)
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			12/18/09	01/28/02	09/16/04	09/21/05	09/12/06
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
Benzene	UG/L	1	5 U	0.5 U	2.82	10	6
Ethylbenzene	UG/L	5	5 U	1 U	1.93	5 J	5 J
Toluene	UG/L	5	5 U	1 U	5.32	14	14
Xylene (total)	UG/L	5	5 U	1 U	5.58	12	15
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	ND	ND	15.65	41	40
Semivolatile Organic Compounds							
2,4,6-Trichlorophenol	UG/L	1	NA	10 U	NA	NA	NA
2,4-Dinitrotoluene	UG/L	5	NA	10 U	NA	NA	NA
1,2-Diphenylhydrazine	UG/L	ND	NA	10 U	NA	NA	NA
Hexachlorobenzene	UG/L	0.04	NA	10 U	NA	NA	NA
Hexachloroethane	UG/L	5	NA	10 U	NA	NA	NA
Nitrobenzene	UG/L	0.4	NA	10 U	NA	NA	NA
1,2,4-Trichlorobenzene	UG/L	5	NA	10 U	NA	NA	NA
2,4-Dichlorophenol	UG/L	5	NA	10 U	NA	NA	NA
Pentachlorophenol	UG/L	1	NA	50 U	NA	NA	NA
2,4-Dimethylphenol	UG/L	50 GV	NA	10 U	NA	NA	NA
2,4-Dinitrophenol	UG/L	10 GV	NA	50 U	NA	NA	NA
1,2-Dichlorobenzene	UG/L	3	NA	10 U	NA	NA	NA
2,6-Dinitrotoluene	UG/L	5	NA	10 U	NA	NA	NA
2-Chloronaphthalene	UG/L	10 GV	NA	10 U	NA	NA	NA
2-Chlorophenol	UG/L	1	NA	10 U	NA	NA	NA
2-Methylnaphthalene	UG/L	NS	NA	10 U	9.71 U	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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WHERE [MATRIX] = 'WG' AND [LOCID] LIKE 'MW-*';

APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-10B	MW-11B	MW-11B	MW-11B	MW-11B
Sample ID			MW-10B	BSGDD0211	BSGDD0111	BSGDD0111_9/21/05	MW-11B(09/12/2006)
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			12/18/09	01/28/02	09/16/04	09/21/05	09/12/06
Parameter	**Units**	**Criteria***					
Semivolatile Organic Compounds							
2-Nitrophenol	UG/L	1	NA	10 U	NA	NA	NA
3,3'-Dichlorobenzidine	UG/L	5	NA	20 U	NA	NA	NA
1,3-Dichlorobenzene	UG/L	3	NA	10 U	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/L	1	NA	50 U	NA	NA	NA
4-Bromophenyl-phenylether	UG/L	NS	NA	10 U	NA	NA	NA
1,4-Dichlorobenzene	UG/L	3	NA	10 U	NA	NA	NA
4-Chlorophenyl-phenylether	UG/L	NS	NA	10 U	NA	NA	NA
4-Chloro-3-methylphenol	UG/L	1	NA	10 U	NA	NA	NA
4-Nitrophenol	UG/L	1	NA	50 U	NA	NA	NA
Acenaphthene	UG/L	20 GV	5 U	10 U	9.71 U	2 J	5
Acenaphthylene	UG/L	NS	5 U	10 U	1.17 J	6	9
Anthracene	UG/L	50 GV	5 U	10 U	9.71 U	1 U	5 U
Benzidine	UG/L	5	NA	80 U	NA	NA	NA
Benzo(a)anthracene	UG/L	0.002 GV	5 U	10 U	9.71 U	1 U	5 U
Benzo(a)pyrene	UG/L	ND	5 U	10 U	9.71 U	1 U	5 U
Benzo(b)fluoranthene	UG/L	0.002 GV	5 U	10 U	9.71 U	1 U	5 U
Benzo(g,h,i)perylene	UG/L	NS	5 U	10 U	9.71 U	1 U	5 U
Benzo(k)fluoranthene	UG/L	0.002 GV	5 U	10 U	9.71 U	1 U	5 U
bis(2-Chloroisopropyl)ether	UG/L	NS	NA	10 U	NA	NA	NA
bis(2-Chloroethoxy)methane	UG/L	5	NA	10 U	NA	NA	NA
bis(2-Chloroethyl)ether	UG/L	1	NA	10 U	NA	NA	NA
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	10 U	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-10B	MW-11B	MW-11B	MW-11B	MW-11B
Sample ID			MW-10B	BSGDD0211	BSGDD0111	BSGDD0111_9/21/05	MW-11B(09/12/2006)
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			12/18/09	01/28/02	09/16/04	09/21/05	09/12/06
Parameter	**Units**	**Criteria***					
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	NA	10 U	NA	NA	NA
Chrysene	UG/L	0.002 GV	5 U	10 U	9.71 U	1 U	5 U
Dibenz(a,h)anthracene	UG/L	NS	5 U	10 U	9.71 U	1 U	5 U
Dibenzofuran	UG/L	NS	NA	NA	NA	NA	NA
Diethylphthalate	UG/L	50 GV	NA	10 U	NA	NA	NA
Dimethylphthalate	UG/L	50 GV	NA	10 U	NA	NA	NA
Di-n-butylphthalate	UG/L	50	NA	10 U	NA	NA	NA
Hexachlorobutadiene	UG/L	0.5	NA	10 U	NA	NA	NA
Di-n-octylphthalate	UG/L	50 GV	NA	10 U	NA	NA	NA
Fluoranthene	UG/L	50 GV	5 U	10 U	9.71 U	1 U	5 U
Fluorene	UG/L	50 GV	5 U	10 U	9.71 U	1 U	2 J
Hexachlorocyclopentadiene	UG/L	5	NA	10 U	NA	NA	NA
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	5 U	10 U	9.71 U	1 U	5 U
Isophorone	UG/L	50 GV	NA	10 U	NA	NA	NA
Naphthalene	UG/L	10 GV	5 U	10 U	2.42 J	24	42
N-Nitrosodimethylamine	UG/L	NS	NA	10 U	NA	NA	NA
N-Nitrosodiphenylamine	UG/L	50 GV	NA	10 U	NA	NA	NA
Phenanthrene	UG/L	50 GV	5 U	10 U	9.71 U	1 J	2 J
Phenol	UG/L	1	NA	73	NA	NA	NA
Pyrene	UG/L	50 GV	5 U	10 U	9.71 U	1 U	5 U
Total Polynuclear Aromatic Hydrocarbons	UG/L	-	ND	ND	3.59	33	60
Total Semivolatile Organic Compounds	UG/L	-	ND	73	3.59	33	60

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-10B	MW-11B	MW-11B	MW-11B	MW-11B
Sample ID			MW-10B	BSGDD0211	BSGDD0111	BSGDD0111_9/21/05	MW-11B(09/12/2006)
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			12/18/09	01/28/02	09/16/04	09/21/05	09/12/06
Parameter	**Units**	**Criteria***					
Metals							
Aluminum	UG/L	NS	NA	1,500	NA	NA	NA
Antimony	UG/L	3	NA	60 U	NA	NA	NA
Arsenic	UG/L	25	NA	5 U	NA	NA	NA
Barium	UG/L	1000	NA	10	NA	NA	NA
Cadmium	UG/L	5	NA	5 U	NA	NA	NA
Chromium	UG/L	50	NA	5 U	NA	NA	NA
Copper	UG/L	200	NA	18	NA	NA	NA
Iron	UG/L	300	NA	140	NA	NA	NA
Lead	UG/L	25	NA	5 U	NA	NA	NA
Manganese	UG/L	300	NA	20 U	NA	NA	NA
Mercury	UG/L	0.7	NA	0.4 U	NA	NA	NA
Nickel	UG/L	100	NA	50 U	NA	NA	NA
Selenium	UG/L	10	NA	5 U	NA	NA	NA
Silver	UG/L	50	NA	20 U	NA	NA	NA
Vanadium	UG/L	NS	NA	50 U	NA	NA	NA
Zinc	UG/L	2000 GV	NA	10 U	NA	NA	NA
Miscellaneous Parameters							
Cyanide	UG/L	200	10 U	10 U	3.75 J	5 U	14
Free Cyanide	UG/L	NS	NA	10 U	NA	NA	NA
Phenolics, Total Recoverable	UG/L	1	40 U	247	18.7	250	140

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-11B	MW-11B	MW-11B	MW-11B	MW-11B
Sample ID			MW-11B 10/17/07	MW-11B	MW-11B	MW-11B	MW-11B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/28/08	12/18/09	04/01/11	04/16/14
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
Benzene	UG/L	1	4 J	3 J	6	1.2	1.0 U
Ethylbenzene	UG/L	5	3 J	3 J	6	0.83 J	1.2
Toluene	UG/L	5	7	4 J	10	4.6	1.3
Xylene (total)	UG/L	5	10	7	24	20	8.4
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	24	17	46	26.63	10.9
Semivolatile Organic Compounds							
2,4,6-Trichlorophenol	UG/L	1	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	UG/L	5	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	UG/L	ND	NA	NA	NA	NA	NA
Hexachlorobenzene	UG/L	0.04	NA	NA	NA	NA	NA
Hexachloroethane	UG/L	5	NA	NA	NA	NA	NA
Nitrobenzene	UG/L	0.4	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	UG/L	5	NA	NA	NA	NA	NA
2,4-Dichlorophenol	UG/L	5	NA	NA	NA	NA	NA
Pentachlorophenol	UG/L	1	NA	NA	NA	NA	NA
2,4-Dimethylphenol	UG/L	50 GV	NA	NA	NA	NA	NA
2,4-Dinitrophenol	UG/L	10 GV	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	UG/L	5	NA	NA	NA	NA	NA
2-Chloronaphthalene	UG/L	10 GV	NA	NA	NA	NA	NA
2-Chlorophenol	UG/L	1	NA	NA	NA	NA	NA
2-Methylnaphthalene	UG/L	NS	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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WHERE [MATRIX] = 'WG' AND [LOCID] LIKE 'MW-*';

APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-11B	MW-11B	MW-11B	MW-11B	MW-11B
Sample ID			MW-11B 10/17/07	MW-11B	MW-11B	MW-11B	MW-11B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/28/08	12/18/09	04/01/11	04/16/14
Parameter	**Units**	**Criteria***					
Semivolatile Organic Compounds							
2-Nitrophenol	UG/L	1	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	UG/L	5	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/L	1	NA	NA	NA	NA	NA
4-Bromophenyl-phenylether	UG/L	NS	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	UG/L	NS	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol	UG/L	1	NA	NA	NA	NA	NA
4-Nitrophenol	UG/L	1	NA	NA	NA	NA	NA
Acenaphthene	UG/L	20 GV	5 J	6 J	NA	30	10
Acenaphthylene	UG/L	NS	9	4 J	NA	38	9.8
Anthracene	UG/L	50 GV	1 U	9 U	NA	15	4.2 J
Benzidine	UG/L	5	NA	NA	NA	NA	NA
Benzo(a)anthracene	UG/L	0.002 GV	1 U	9 U	NA	7.1	4.1 J
Benzo(a)pyrene	UG/L	ND	1 U	9 U	NA	5.4 J	2.9 J
Benzo(b)fluoranthene	UG/L	0.002 GV	1 U	9 U	NA	3.7 J	2.3 J
Benzo(g,h,i)perylene	UG/L	NS	1 U	9 U	NA	1.5 J	4.9 U
Benzo(k)fluoranthene	UG/L	0.002 GV	1 U	9 U	NA	1.4 J	4.9 U
bis(2-Chloroisopropyl)ether	UG/L	NS	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	UG/L	5	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether	UG/L	1	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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Concentration Exceeds Criteria

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SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-11B	MW-11B	MW-11B	MW-11B	MW-11B
Sample ID			MW-11B 10/17/07	MW-11B	MW-11B	MW-11B	MW-11B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/28/08	12/18/09	04/01/11	04/16/14
Parameter	**Units**	**Criteria***					
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Chrysene	UG/L	0.002 GV	1 U	9 U	NA	6.5	4.0 J
Dibenz(a,h)anthracene	UG/L	NS	1 U	7 J	NA	5.6 U	4.9 U
Dibenzofuran	UG/L	NS	NA	NA	NA	NA	NA
Diethylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Dimethylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Di-n-butylphthalate	UG/L	50	NA	NA	NA	NA	NA
Hexachlorobutadiene	UG/L	0.5	NA	NA	NA	NA	NA
Di-n-octylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Fluoranthene	UG/L	50 GV	1 U	2 J	NA	14	7.5
Fluorene	UG/L	50 GV	2 J	2 J	NA	20	4.9
Hexachlorocyclopentadiene	UG/L	5	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	1 U	7 J	NA	1.3 J	4.9 U
Isophorone	UG/L	50 GV	NA	NA	NA	NA	NA
Naphthalene	UG/L	10 GV	36	17	NA	25	1.6 J
N-Nitrosodimethylamine	UG/L	NS	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	UG/L	50 GV	NA	NA	NA	NA	NA
Phenanthrene	UG/L	50 GV	5 J	7 J	NA	87	12
Phenol	UG/L	1	NA	NA	NA	NA	NA
Pyrene	UG/L	50 GV	1 U	2 J	NA	18	7.6
Total Polynuclear Aromatic Hydrocarbons	UG/L	-	57	54	NA	273.9	70.9
Total Semivolatile Organic Compounds	UG/L	-	57	54	NA	273.9	70.9

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-11B	MW-11B	MW-11B	MW-11B	MW-11B
Sample ID			MW-11B 10/17/07	MW-11B	MW-11B	MW-11B	MW-11B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/28/08	12/18/09	04/01/11	04/16/14
Parameter	**Units**	**Criteria***					
Metals							
Aluminum	UG/L	NS	NA	NA	NA	NA	NA
Antimony	UG/L	3	NA	NA	NA	NA	NA
Arsenic	UG/L	25	NA	NA	NA	NA	NA
Barium	UG/L	1000	NA	NA	NA	NA	NA
Cadmium	UG/L	5	NA	NA	NA	NA	NA
Chromium	UG/L	50	NA	NA	NA	NA	NA
Copper	UG/L	200	NA	NA	NA	NA	NA
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Mercury	UG/L	0.7	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Selenium	UG/L	10	NA	NA	NA	NA	NA
Silver	UG/L	50	NA	NA	NA	NA	NA
Vanadium	UG/L	NS	NA	NA	NA	NA	NA
Zinc	UG/L	2000 GV	NA	NA	NA	NA	NA
Miscellaneous Parameters							
Cyanide	UG/L	200	11	NA	10 U	NA	NA
Free Cyanide	UG/L	NS	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	UG/L	1	160	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-11B
Sample ID			MW-12B
Matrix			Groundwater
Depth Interval (ft)			-
Date Sampled			04/16/14
Parameter	**Units**	**Criteria***	Field Duplicate (1-1)
Volatile Organic Compounds			
Benzene	UG/L	1	1.0 U
Ethylbenzene	UG/L	5	1.7
Toluene	UG/L	5	1.5
Xylene (total)	UG/L	5	9.4
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	12.6
Semivolatile Organic Compounds			
2,4,6-Trichlorophenol	UG/L	1	NA
2,4-Dinitrotoluene	UG/L	5	NA
1,2-Diphenylhydrazine	UG/L	ND	NA
Hexachlorobenzene	UG/L	0.04	NA
Hexachloroethane	UG/L	5	NA
Nitrobenzene	UG/L	0.4	NA
1,2,4-Trichlorobenzene	UG/L	5	NA
2,4-Dichlorophenol	UG/L	5	NA
Pentachlorophenol	UG/L	1	NA
2,4-Dimethylphenol	UG/L	50 GV	NA
2,4-Dinitrophenol	UG/L	10 GV	NA
1,2-Dichlorobenzene	UG/L	3	NA
2,6-Dinitrotoluene	UG/L	5	NA
2-Chloronaphthalene	UG/L	10 GV	NA
2-Chlorophenol	UG/L	1	NA
2-Methylnaphthalene	UG/L	NS	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-11B
Sample ID			MW-12B
Matrix			Groundwater
Depth Interval (ft)			-
Date Sampled			04/16/14
Parameter	**Units**	**Criteria***	Field Duplicate (1-1)
Semivolatile Organic Compounds			
2-Nitrophenol	UG/L	1	NA
3,3'-Dichlorobenzidine	UG/L	5	NA
1,3-Dichlorobenzene	UG/L	3	NA
4,6-Dinitro-2-methylphenol	UG/L	1	NA
4-Bromophenyl-phenylether	UG/L	NS	NA
1,4-Dichlorobenzene	UG/L	3	NA
4-Chlorophenyl-phenylether	UG/L	NS	NA
4-Chloro-3-methylphenol	UG/L	1	NA
4-Nitrophenol	UG/L	1	NA
Acenaphthene	UG/L	20 GV	27
Acenaphthylene	UG/L	NS	30
Anthracene	UG/L	50 GV	18
Benzidine	UG/L	5	NA
Benzo(a)anthracene	UG/L	0.002 GV	11
Benzo(a)pyrene	UG/L	ND	7.5
Benzo(b)fluoranthene	UG/L	0.002 GV	7.1
Benzo(g,h,i)perylene	UG/L	NS	0.84 J
Benzo(k)fluoranthene	UG/L	0.002 GV	1.7 J
bis(2-Chloroisopropyl)ether	UG/L	NS	NA
bis(2-Chloroethoxy)methane	UG/L	5	NA
bis(2-Chloroethyl)ether	UG/L	1	NA
bis(2-Ethylhexyl)phthalate	UG/L	5	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-11B
Sample ID			MW-12B
Matrix			Groundwater
Depth Interval (ft)			-
Date Sampled			04/16/14
Parameter	**Units**	**Criteria***	Field Duplicate (1-1)
Semivolatile Organic Compounds			
Butylbenzylphthalate	UG/L	50 GV	NA
Chrysene	UG/L	0.002 GV	12
Dibenz(a,h)anthracene	UG/L	NS	4.6 U
Dibenzofuran	UG/L	NS	NA
Diethylphthalate	UG/L	50 GV	NA
Dimethylphthalate	UG/L	50 GV	NA
Di-n-butylphthalate	UG/L	50	NA
Hexachlorobutadiene	UG/L	0.5	NA
Di-n-octylphthalate	UG/L	50 GV	NA
Fluoranthene	UG/L	50 GV	22
Fluorene	UG/L	50 GV	14
Hexachlorocyclopentadiene	UG/L	5	NA
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	0.87 J
Isophorone	UG/L	50 GV	NA
Naphthalene	UG/L	10 GV	16
N-Nitrosodimethylamine	UG/L	NS	NA
N-Nitrosodiphenylamine	UG/L	50 GV	NA
Phenanthrene	UG/L	50 GV	43
Phenol	UG/L	1	NA
Pyrene	UG/L	50 GV	22
Total Polynuclear Aromatic Hydrocarbons	UG/L	-	233.01
Total Semivolatile Organic Compounds	UG/L	-	233.01

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NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-11B
Sample ID			MW-12B
Matrix			Groundwater
Depth Interval (ft)			-
Date Sampled			04/16/14
Parameter	**Units**	**Criteria***	Field Duplicate (1-1)
Metals			
Aluminum	UG/L	NS	NA
Antimony	UG/L	3	NA
Arsenic	UG/L	25	NA
Barium	UG/L	1000	NA
Cadmium	UG/L	5	NA
Chromium	UG/L	50	NA
Copper	UG/L	200	NA
Iron	UG/L	300	NA
Lead	UG/L	25	NA
Manganese	UG/L	300	NA
Mercury	UG/L	0.7	NA
Nickel	UG/L	100	NA
Selenium	UG/L	10	NA
Silver	UG/L	50	NA
Vanadium	UG/L	NS	NA
Zinc	UG/L	2000 GV	NA
Miscellaneous Parameters			
Cyanide	UG/L	200	NA
Free Cyanide	UG/L	NS	NA
Phenolics, Total Recoverable	UG/L	1	NA

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