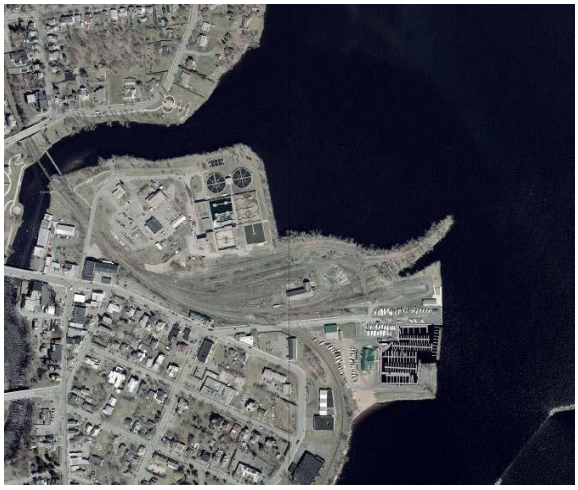
2017
OPERATIONS, MAINTENANCE, AND MONITORING SUMMARY REPORT

Bridge Street
Former Manufactured Gas Plant
Plattsburgh, New York

Prepared for:

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 *2017 Annual Operation, Maintenance, and Monitoring Summary Report (2017 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 addition, the NYSDEC has authorized changing the monitoring frequency from annual to once every 15 months.

The activities summarized in this *2017 OM&M Report* were conducted between April 25th and 27th, 2017 in accordance with the approved *OM&M Plan* and the letter from the NYSDEC dated February 7, 2011. Activities include well inspections, water level measurements, Non-Aqueous Phase Liquid (NAPL) observations, and bedrock groundwater sampling.

This *2017 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 April 2017 site inspection and sampling event performed in accordance with the March 2004 *ROD*, the NYSDEC-approved *OM&M Plan*, and the NYSDEC response letter dated February 7, 2011. The tasks completed in April 2017 include:

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

The following subsections describe each of these tasks.

2.1 Annual Well Inspection and NAPL Monitoring

Between April 25th and 27th 2017, Parsons measured water levels in each well using an electronic water level indicator. Parsons also checked for the presence of NAPL in the wells. The observations are summarized on Table 1.

No indications of NAPL were observed in monitoring wells MW-1B and MW-3B. NAPL was not detected in monitoring wells MW-7BS, MW-7BD, MW-9B, or MW-11B, however sheens and/or odors were observed at these locations. NAPL was detected in monitoring wells MW-2B and MW-6B. The previous NAPL observations in bedrock wells are summarized on Table 2. Observations in bedrock wells were generally consistent when compared with previous sampling events, with the exception of MW-9B and MW-11B. MW-9B had previously shown no indications of NAPL since monitoring began in 2002, except during one other monitoring event in 2006 when trace NAPL was observed. Odors and sheens have been observed previously at MW-11B, but not during the most recent previous sampling events which occurred in 2014 and 2015.

The monitoring wells and general site conditions were inspected for damage. Many of the well inspections included observations of rusted or missing locks, stripped or missing bolts, compromised rubber gaskets, and several missing or destroyed well casing covers. Field notes also indicated the need for re-labeling of wells. Otherwise, general site conditions were similar to the 2015 inspection. See Section 5 for recommendations for the next sampling event based on these site condition inspection observations.

2.2 Annual Groundwater Monitoring

The monitoring wells were 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 April 26th and 27th 2017, Parsons collected groundwater samples from 8 wells (MW-1B, MW-2B, MW-3B, MW-6B, MW-7BD, MW-7BS, MW-9B, and MW-11B). The monitoring well locations are shown on Figure 2. A blind duplicate groundwater sample was collected from MW-9B for quality control purposes.

The samples were collected within 24 hours of purging using disposable bailers. The 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 4ºC.

The samples were shipped by UPS (next day service) to Chemtech Laboratories, Inc. in Mountainside, New Jersey. 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 April 26 and 27, 2017 are summarized in Table 3. The well locations are shown 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 at MW-9B to 6,670 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 (April 2017)

Compound	Number of Detects (out of 8)	NYSDEC GW Standard* (µg/L)	Number of Exceedences (out of 8)	Maximum Concentration (µg/L)
Benzene	7	1	5	920 at MW-7BD**
Ethylbenzene	6	5	4	1,500 at MW-7BD**
Toluene	6	5	4	1,600 at MW-7BD**
Xylenes, total	6	5	5	2,650 at MW-7BD**

Notes:
* NYSDEC Ambient Water Quality Standard (TOGS 1.1.1, NYSDEC, June 2004, Class GA)
** NAPL was not detected in the monitoring well, however, a sheen and a heavy NAPL odor was observed. The concentration may not be representative of groundwater quality.

The groundwater sample and duplicate sample from MW-9B were treated as one sample. No compounds were detected in samples collected from 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 April 2017 were comparable to the concentrations detected during the previous sampling events. In addition, the total BTEX concentrations for MW-1B, MW-3B, MW-6B, MW-9B, and MW-11B were comparable to concentrations detected during previous monitoring events. BTEX detected in MW-1B continues to remain below 5 ug/L, with the exception of one historic sample collected in 2011. Consistent with previous rounds, BTEX compounds were not detected in MW-9B. Total BTEX concentrations in MW-2B were significantly lower than in samples collected during previous monitoring events. The previous lowest concentration of 1,970 ug/L was detected during the 2014 sampling event, compared to a concentration of 454.3 ug/L detected during the 2017 sampling event. The total BTEX concentration detected in sample MW-7BS was similar to sample results from 2009, but lower than other concentrations observed historically, including the most recent sampling rounds.

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 4,900 µg/L at

MW-7BD. 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 (April 2017)

Compound	Number of Detects (out of 8)	NYSDEC GW Standard* (µg/L)	Number of Exceedences (out of 8)	Maximum Concentration (µg/L)
Acenaphthene	5	[20]	2	51.5 at MW-3B
Acenaphthylene	5	NS	NA	170 at MW-2B
Anthracene	3	[50]	0	34.6 at MW-2B (estimated value)
Benzo(a)anthracene	2	[0.002]	2	4.5 at MW-6B (estimated value)
Benzo(a)pyrene	1	NS	NA	4.3 at MW-6B (estimated value)
Benzo(b)fluoranthene	0	[0.002]	0	
Benzo(g,h,i)perylene	0	NS	NA	
Benzo(k)fluoranthene	0	[0.002]	0	
Chrysene	2	[0.002]	2	4.2 at MW-6B (estimated value)
Dibenz(a,h)anthracene	0	NS	NA	
Fluoranthene	3	[50]	1	56.2 at MW-2B (estimated value)
Fluorene	5	[50]	1	77.0 at MW-2B (estimated value)
Indeno(1,2,3-cd)pyrene	0	[0.002]	0	
Naphthalene	6	[10]	4	4,900 at MW-7BD
Phenanthrene	5	[50]	1	230 at MW-2B
Pyrene	3	[50]	1	84.7 at MW-2B (estimated value)

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-9B were treated as one sample. No compounds were detected in samples collected from MW-9B.

It should be noted, the laboratory analytical summary package identified that several samples required dilution, resulting in elevated detection limits for those samples. In some cases, non-detect values reported at their detection limit were higher than applicable guidance values. Therefore, in the summary table above, the maximum concentration for each compound is reported as the sample with the maximum concentration detected, despite detection limits.

The highest concentrations of total PAHs were detected at MW-7BD (4,900 µg/L), and consisted entirely of naphthalene. Concentrations of both naphthalene and total PAHs detected in MW-7BD in April 2017 were generally comparable to the concentrations detected during previous sampling events. In addition, Total PAH concentrations at MW-1B, MW-3B, MW-7BS, MW-9B, and MW-11B were generally comparable to previous sampling events. Total PAH concentrations at MW-7BS are consistent with a steadily decreasing trend observed through

previous sampling rounds. Consistent with previous sampling rounds, PAH compounds were not detected in MW-9B. Total PAH concentrations detected in MW-2B during the 2017 sampling event were significantly lower than in samples collected during previous monitoring events. A total PAH concentration of 1502.9 ug/L was detected in MW-2B during the 2017 sampling event, compared to a concentration of 2038.7 ug/L detected during the 2015 sampling event. Similarly, the total PAH concentration in MW-6B was significantly lower than during the 2015 round, with a concentration of 281.8 ug/L detected during the 2017 sampling event, compared to a concentration of 2,025.8 ug/L detected during the 2015 sampling event.

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

- During the April 2017 site inspection, several wells were identified with rusted or missing locks, stripped or missing bolts, compromised rubber gaskets, and/or several missing or destroyed well casing covers. It is recommended that these items be replaced during the next sampling event, and that site monitoring wells be re-labeled, as necessary, in order to maximize the functionality and usefulness of these monitoring tools.
- During the April 2017 site inspection, no indications of NAPL were observed in monitoring wells MW-1B and MW-3B. NAPL was not detected in monitoring wells MW-7BS, MW-7BD, MW-9B, or MW-11B, however sheens and/or odors were observed at these locations. NAPL was detected in monitoring wells MW-2B and MW-6B. Observations in bedrock wells were generally consistent with previous sampling events.

Bedrock Groundwater Samples

- The highest concentrations of BTEX compounds were detected at MW-7BD. Concentrations of BTEX compounds detected in MW-1B, MW-3B, MW-6B, and MW-11B in April 2017 were comparable to the concentrations detected during the previous sampling events. BTEX compounds were not detected in MW-9B, consistent with prior sampling events. The total BTEX concentrations detected in MW-2B and MW-7BS have decreased since the last sampling event.
- The highest concentration of total PAHs was detected at MW-7BD (4,900 µg/L). Concentrations of total PAHs at MW-1B, MW-3B, MW-7BS, MW-9B, and MW-11B were comparable to previous sampling events. The total PAH concentrations detected at MW-2B and MW-6B have decreased since the last sampling event.

5.0 RECOMMENDATIONS

Based on the results presented in this *2017 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 February 7, 2011. Activities should include well inspections, water level measurements, NAPL observations, and bedrock groundwater sampling. The next scheduled event would occur July 2018, which is 15 months after this sampling event. It is recommended that the well repairs identified in Section 4 be completed during this sampling event.

- Due to the observed condition of wells consistently purging dry and water re-charging slowly, it is recommended future sampling events should not be conducted during the generally drier months of July or August. Therefore a sampling timeframe of late June 2018 or early July 2018 would be preferable for the next scheduled event. In addition, it is recommended that several of the wells be re-developed.

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.*

New York State Department of Environmental Conservation, February 2011. *Response Letter – NYSEG Bridge Street Former MGP Site, Plattsburgh, Clinton County, New York – Site Number 5-10-016.*

URS Corporation, 2014. *2014 Annual Operation, Maintenance, & Monitoring Summary Report.* July 17, 2014.

URS Corporation, 2012. *2012 Annual Operation, Maintenance, & Monitoring Summary Report.* November 20, 2012.

URS Corporation, 2011. *2011 Annual Operation, Maintenance, & Monitoring Summary Report*. May 20, 2011.

URS Corporation, 2010. *2009 Annual Operation, Maintenance, & Monitoring Summary Report*. March 1, 2010.

URS Corporation, 2009. *2008 Annual Operation, Maintenance, & Monitoring Summary Report*. January 28, 2009.

URS Corporation, 2007. *2007 Annual Operation, Maintenance, & Monitoring Summary Report*. November 21, 2007.

URS Corporation, 2005. *Active Soil Vapor Sampling Summary Report*. June 3, 2005.

URS Corporation, 2005. *2005 Annual Operation, Maintenance, & Monitoring Summary Report*. October 28, 2005.

URS Corporation, 2004. *2004 Annual Operation, Maintenance, & Monitoring Summary Report*. October 26, 2004.

URS Corporation, 2004. *Operation, Maintenance, & Monitoring Plan*. August 17, 2004.

URS Corporation, 2004. *Remedial Investigation Report*, January 15, 2004.

USEPA, 1987. *A Compendium of Superfund Field Operations Methods*, EPA/540/P-87- 001, (OSWER Directive 9355.0-14). December. Cincinnati, OH: USEPA.

USEPA SW-846. *Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods.*

TABLES

TABLE 1
SUMMARY OF WATER LEVELS, NAPL OBSERVATIONS, AND PURGE DATA -
APRIL 2017

NYSEG Former MGP Site
Bridge Street, 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	4/26/2017	0.1	101.56	30	No NAPL	0.579	8.65	8.07	111	Purged dry, slight sulfur odor near bottom observed
MW-2B	4/26/2017	2.81	115.25	33	NAPL	2.09	9.57	13.53	84.2	Purged dry
MW-3B	4/25/2017	12.62	107.17	28	No NAPL	1.73	11.41	7.93	611	Purged dry, sulfur odor
MW-6B	4/26/2017	23.44	105.5	6.5	NAPL	1.15	12.62	8.81	106	Purged dry
MW-7BS	4/26/2017	2.42	119.12	45	No NAPL	1.42	7.55	7.34	28.6	Sheen observed
MW-7BD	4/26/2017	8.31	115.17	29	No NAPL	0.98	11.52	9.38	40.1	Purged dry, heavy NAPL odor and sheen observed
MW-9B	4/26/2017	0.8	104.38	30	No NAPL	0.684	10.4	8.7	80.7	Purged dry, sheen and NAPL odor observed
MW-11B	4/25/2017	5.74	118.83	25	No NAPL	1.05	11.88	8.68	151	Purged dry, sheen and petroleum odor observed

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

TABLE 2
SUMMARY OF HISTORIC NAPL OBSERVATIONS

NYSEG Former MGP Site
Bridge Street, 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
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

TABLE 2
SUMMARY OF HISTORIC NAPL OBSERVATIONS

NYSEG Former MGP Site
Bridge Street, 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
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

TABLE 2
SUMMARY OF HISTORIC NAPL OBSERVATIONS

NYSEG Former MGP Site
Bridge Street, 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
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

TABLE 2
SUMMARY OF HISTORIC NAPL OBSERVATIONS

NYSEG Former MGP Site
Bridge Street, 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

TABLE 2
SUMMARY OF HISTORIC NAPL OBSERVATIONS

NYSEG Former MGP Site
Bridge Street, 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
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 - APRIL 2017

NYSEG Former MGP Site
Bridge Street, Plattsburgh, New York

			Location ID:	MW-1B	MW-2B	MW-3B	MW-6B	MW-7BD	MW-7BS
			Sample ID:	MW-1B-20170426	MW-2B-20170426	MW-3B-20170426	MW-6B-20170427	MW-7BD-20170427	MW-7BS-20170427
			Lab Sample Id:	I2902-01	I2902-02	I2902-03	I2902-04	I2902-06	I2902-05
			Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
			SDG:	I2902	I2902	I2902	I2902	I2902	I2902
		NYSDEC	Matrix:	WATER	WATER	WATER	WATER	WATER	WATER
		Class GA	Sampled:	4/26/2017 15:32	4/26/2017 15:55	4/26/2017 14:21	4/27/2017 8:41	4/27/2017 9:00	4/27/2017 9:15
		Groundwater	Validated:						
CAS NO.	COMPOUND	Criteria	UNITS:						
	VOLATILES								
71-43-2	BENZENE	1	ug/l	0.91 J	51.7	760 D	22.1	920 D	11.1
100-41-4	ETHYLBENZENE	5	ug/l	1 U	110	710 D	150	1500 D	3
108-88-3	TOLUENE	5	ug/l	1 U	94.9	110	150	1600 D	0.89 J
179601-23-1	M,P-XYLENES	5	ug/l	2 U	150	240	290	2000 D	1.5 J
95-47-6	O-XYLENE	5	ug/l	1 U	47.7	220 D	150	650 D	1.5
	Total BTEX	NS	ug/l	0.91	454.3	2040	762.1	6670	17.99
	SEMIVOLATILES								
83-32-9	ACENAPHTHENE	20 (G)	ug/l	10 U	50.4 J	51.5	8.7 J	1000 U	12.5
208-96-8	ACENAPHTHYLENE	NS	ug/l	10 U	170	3.7 J	50	1000 U	4.2 J
120-12-7	ANTHRACENE	50 (G)	ug/l	10 U	34.6 J	10 U	9 J	1000 U	10.2 U
56-55-3	BENZO(A)ANTHRACENE	0.002 (G)	ug/l	10 U	100 U	10 U	4.5 J	1000 U	10.2 U
50-32-8	BENZO(A)PYRENE	NS	ug/l	10 U	100 U	10 U	4.3 J	1000 U	10.2 U
205-99-2	BENZO(B)FLUORANTHENE	0.002 (G)	ug/l	10 U	100 U	10 U	20.2 U	1000 U	10.2 U
191-24-2	BENZO(G,H,I)PERYLENE	NS	ug/l	10 U	100 U	10 U	20.2 U	1000 U	10.2 U
207-08-9	BENZO(K)FLUORANTHENE	0.002 (G)	ug/l	10 U	100 U	10 U	20.2 U	1000 U	10.2 U
218-01-9	CHRYSENE	0.002 (G)	ug/l	10 U	100 U	10 U	4.2 J	1000 U	10.2 U
53-70-3	DIBENZ(A,H)ANTHRACENE	NS	ug/l	10 U	100 U	10 U	20.2 U	1000 U	10.2 U
206-44-0	FLUORANTHENE	50 (G)	ug/l	10 U	56.2 J	10 U	15.4 J	1000 U	10.2 U
86-73-7	FLUORENE	50 (G)	ug/l	10 U	77 J	12	16 J	1000 U	4.4 J
193-39-5	INDENO(1,2,3-C,D)PYRENE	0.002	ug/l	10 U	100 U	10 U	20.2 U	1000 U	10.2 U
91-20-3	NAPHTHALENE	10	ug/l	10 U	800	650 D	110	4900	7.4 J
85-01-8	PHENANTHRENE	50	ug/l	10 U	230	15.4	39.5	1000 U	12.1
129-00-0	PYRENE	50	ug/l	10 U	84.7 J	10 U	20.2	1000 U	10.2 U
	Total PAHs	NS	ug/l	ND	1502.9	732.6	281.8	4900	40.6

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.
D - This flag idicates that dilution was required.
Analysis performed at Chemtech Laboratory.

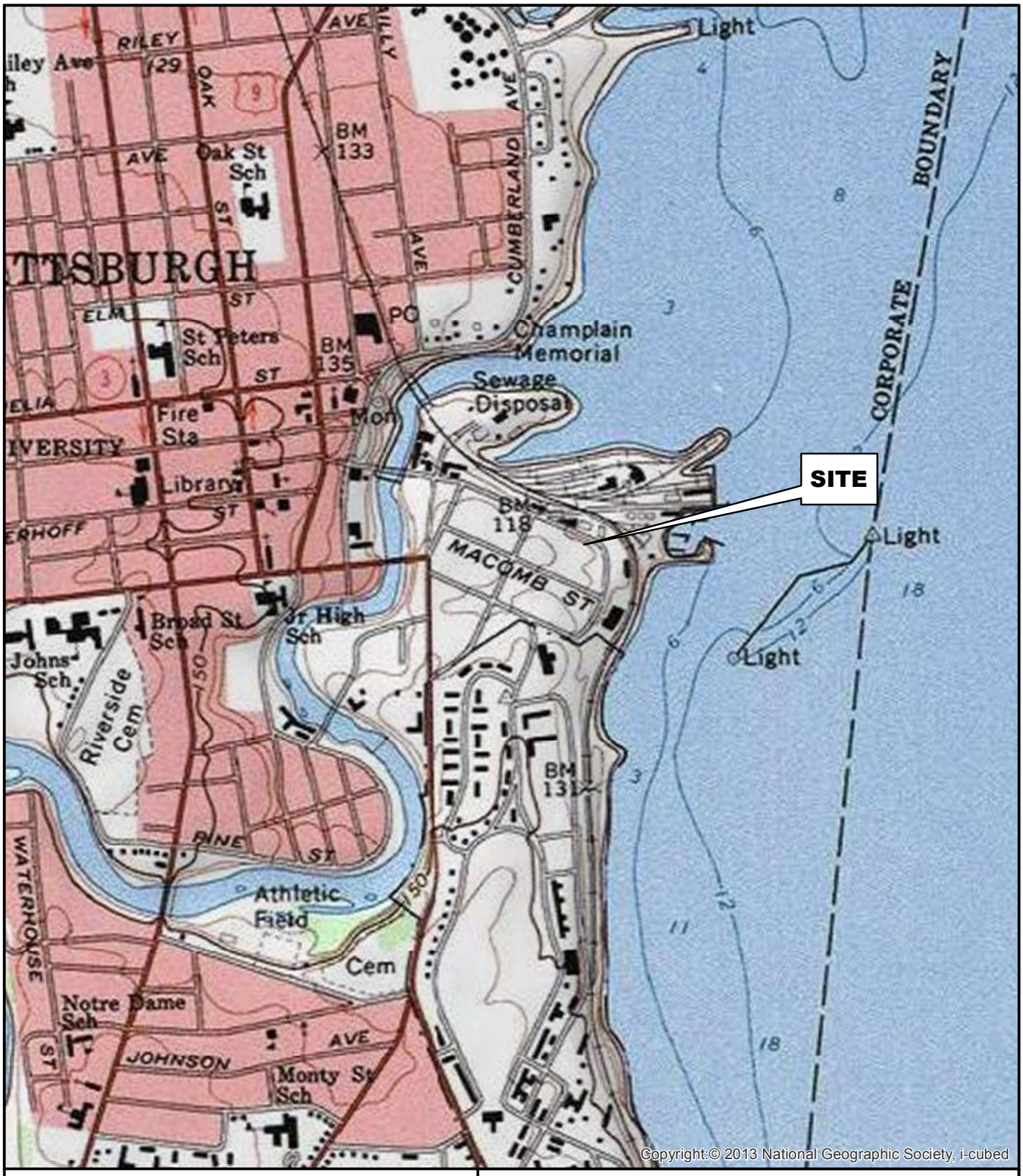
TABLE 3
SUMMARY OF GROUNDWATER ANALYTICAL DATA - APRIL 2017

NYSEG Former MGP Site
Bridge Street, Plattsburgh, New York

CAS NO.	COMPOUND	NYSDEC Class GA Groundwater Criteria	UNITS:	Location ID: MW-9B Sample ID: MW-9B-20170427 Lab Sample Id: I2902-07 Source: CTECH SDG: I2902 Matrix: WATER Sampled: 4/27/2017 8:15 Validated:	Dup of MW-9B Location ID: MW-12B Sample ID: MW-12B-20170427 Lab Sample Id: I2902-11 Source: CTECH SDG: I2902 Matrix: WATER Sampled: 4/27/2017 12:00 Validated:	Location ID: MW-11B Sample ID: MW-11B-20170426 Lab Sample Id: I2902-08 Source: CTECH SDG: I2902 Matrix: WATER Sampled: 4/26/2017 14:36 Validated:
	VOLATILES					
71-43-2	BENZENE	1	ug/l	1 U	1 U	0.44 J
100-41-4	ETHYLBENZENE	5	ug/l	1 U	1 U	1.3
108-88-3	TOLUENE	5	ug/l	1 U	1 U	1.5
179601-23-1	M,P-XYLENES	5	ug/l	2 U	2 U	9.7
95-47-6	O-XYLENE	5	ug/l	1 U	1 U	3.6
	Total BTEX	NS	ug/l	ND	ND	16.54
	SEMIVOLATILES					
83-32-9	ACENAPHTHENE	20 (G)	ug/l	10 U	10.1 U	11.8
208-96-8	ACENAPHTHYLENE	NS	ug/l	10 U	10.1 U	11.9
120-12-7	ANTHRACENE	50 (G)	ug/l	10 U	10.1 U	7.1 J
56-55-3	BENZO(A)ANTHRACENE	0.002 (G)	ug/l	10 U	10.1 U	2.7 J
50-32-8	BENZO(A)PYRENE	NS	ug/l	10 U	10.1 U	10 U
205-99-2	BENZO(B)FLUORANTHENE	0.002 (G)	ug/l	10 U	10.1 U	10 U
191-24-2	BENZO(G,H,I)PERYLENE	NS	ug/l	10 U	10.1 U	10 U
207-08-9	BENZO(K)FLUORANTHENE	0.002 (G)	ug/l	10 U	10.1 U	10 U
218-01-9	CHRYSENE	0.002 (G)	ug/l	10 U	10.1 U	2.8 J
53-70-3	DIBENZ(A,H)ANTHRACENE	NS	ug/l	10 U	10.1 U	10 U
206-44-0	FLUORANTHENE	50 (G)	ug/l	10 U	10.1 U	4.7 J
86-73-7	FLUORENE	50 (G)	ug/l	10 U	10.1 U	7.5 J
193-39-5	INDENO(1,2,3-C,D)PYRENE	0.002	ug/l	10 U	10.1 U	10 U
91-20-3	NAPHTHALENE	10	ug/l	10 U	10.1 U	8.8 J
85-01-8	PHENANTHRENE	50	ug/l	10 U	10.1 U	32.3
129-00-0	PYRENE	50	ug/l	10 U	10.1 U	9.9 J
	Total PAHs	NS	ug/l	ND	ND	99.5

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.
D - This flag idicates that dilution was required.
Analysis performed at Chemtech Laboratory.

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

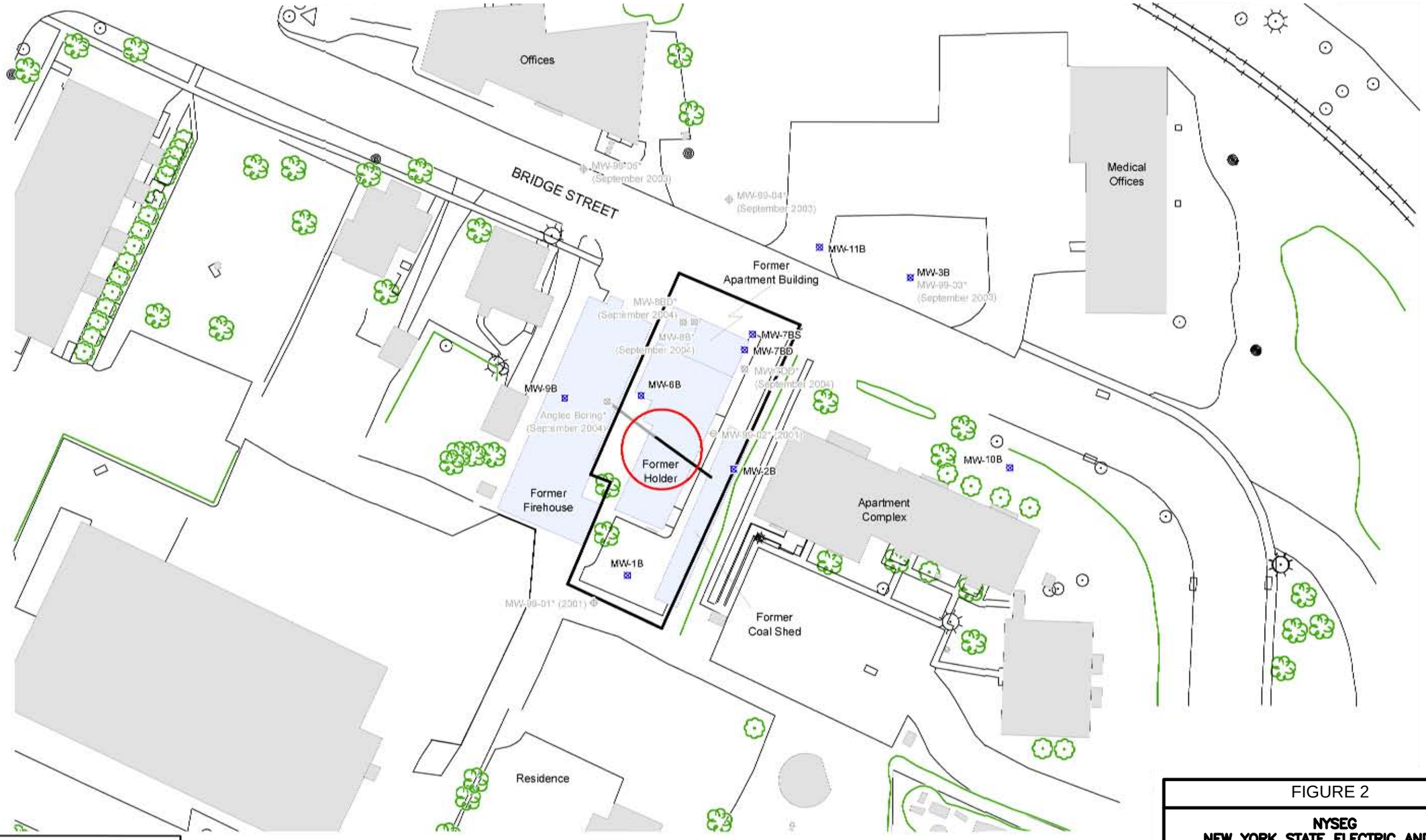


FIGURE 2

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: 450442.01000

WELL NUMBER: MW - 1B **WEATHER:** 48 degrees, rainy
DATE: 4/26/2017 **TIME:** 7:44

DEVELOPER: Kelly Miller of Parsons
Dorian Kessler of Parsons

DESCRIPTION OF WELL

Total Depth: 40.6 ft Diameter: 6 inch
Screen Depth:
Development Method: Disposable hand bailer, horiba, IP, WLM

GROUNDWATER PURGING

Initial Static Water Level: 0.1 ft
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:	40.50	Feet of Water x 1.50 Gallons/Foot =	60.75	Gallons	182

Volume of groundwater purged: 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%				
7:44	0		0.392	8.01	4.88	119	287	11.81		Initial
7:53	5	3.43	0.387	7.06	6.35	112	79	11.5	0.251	
7:58	10	4.12	0.382	6.91	6.55	121	52	10.87	0.249	
8:02	13	8.0	0.384	6.77	6.85	128	-9	10.65	0.249	
8:12	16	12.37	0.382	6.33	7.36	204	-47	9.55	0.2	
8:26	20	16.17	0.387	7.1	7.89	147	-72	8.84	0.252	
8:38	25	24.3	0.437	8.01	8.09	91.8	-86	8.79	0.284	
8:49	30	31.0	0.579	8.65	8.07	111	-87	4.83	0.366	
8:54	DRY	32.5								Dry - 30 gal

Note:
(1) At 5 gallons of water purged - purge water medium brown, without odor
(2) Water approx 2" above J plug, bolts stripped, not secure
(3) Slight sulfur odor near bottom

PARSONS
WELL DEVELOPMENT OBSERVATIONS

SITE NAME: NYSEG - Plattsburgh, Bridge Street
PROJECT NUMBER: 450442.01000

WELL NUMBER: MW - 2 **WEATHER:** 50 degrees, raining
DATE: 4/26/2017 **TIME:**

DEVELOPER: Kelly Miller of Parsons
Dorian Kessler of Parsons

DESCRIPTION OF WELL

Total Depth: 36.4 ft Diameter: 6 inch
Screen Depth:
Development Method: Disposable hand bailer, horiba, IP, WLM

GROUNDWATER PURGING

Initial Static Water Level: 2.81 ft
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:	33.59	Feet of Water x 1.50 Gallons/Foot =	50.39	Gallons	152

Volume of groundwater purged: 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%				
9:20	2	3.75	0.95	8.21	11.01	68.8	-13	2.93	0.597	Initial
9:27	7	7.31	1.37	7.14	13.19	53.8	-56	6.48	0.875	
9:34	12	10.25	1.74	6.92	13.43	40.3	-59	4.93	1.11	
9:40	17	13.3	1.86	6.94	13.51	37.7	-61	0	1.21	
9:54	21	16.7	1.93	7.29	13.53	53.6	-60	3.61	1.23	
10:02	25	23.5	2.04	7.94	13.53	34.5	-59	7.22	1.3	
10:13	29	31.5	2.1	9.22	13.52	30.1	-56	8.52	1.34	
10:22	33	34.9	2.09	9.57	13.53	84.2	-56	8.83	1.34	
DRY										

Note:
(1) NAPL floating on top layer inside well - used IP, not detected
(2) 2 bolts secure, approx 2" of thick sediment on top of J plug
(3) Sweet odor, some NAPL on bailer

PARSONS
WELL DEVELOPMENT OBSERVATIONS

SITE NAME: NYSEG - Plattsburgh, Bridge Street
PROJECT NUMBER: 450442.01000

WELL NUMBER: MW - 3B **WEATHER:** 57 degrees, wind E at 14mph with showers/rain
DATE: 4/25/2017 **TIME:** 15:12

DEVELOPER: Kelly Miller of Parsons
Dorian Kessler of Parsons

DESCRIPTION OF WELL

Total Depth: 60.9 ft Diameter: 4 inch
Screen Depth:
Development Method: Disposable hand bailer, horiba, IP, WLM

GROUNDWATER PURGING

Initial Static Water Level: 12.62 ft
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:	48.28	Feet of Water x 0.66 Gallons/Foot =	31.86	Gallons	96	
6-Inch Casing:		Feet of Water x 1.50 Gallons/Foot =		Gallons		

Volume of groundwater purged: 28 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%				
15:12	0		0.85	11.12	7.6	25.9	70	19.97	0.543	Initial
15:18	4	21.65	0.878	11.06	7.71	65.2	17	18.41	0.554	
15:28	8	23.3	1.15	11.37	7.85	51.3	164	7.36	0.735	
15:39	13	34.8	1.32	11.43	7.93	81.8	-139	17.38	0.844	
15:53	17	43.81	1.49	11.52	7.96	141	-246	17.34	0.955	
15:59	22	46.93	1.62	11.32	7.86	586	-266	4.41	0.991	
16:07	27	52.12	1.73	11.41	7.93	611	-269	4.74	0.983	
16:10	DRY									

Note:
(1) Sample color clear (first bailer), no odor
(2) Sample analyzed for BTEX and PAH
(3) At 4 gal larva floating on top of water in pail, medium brown color, sulfur odor
(4) Sound of water entering well, not as quick as bailing
(5) Turned to milky white color - dark brown with sulfur odor

PARSONS
WELL DEVELOPMENT OBSERVATIONS

SITE NAME: NYSEG - Plattsburgh, Bridge Street
PROJECT NUMBER: 450442.01000

WELL NUMBER: MW - 6B **WEATHER:** 54 degrees, cloudy with showers
DATE: 4/26/2017 **TIME:** 15:18

DEVELOPER: Kelly Miller of Parsons
Dorian Kessler of Parsons

DESCRIPTION OF WELL

Total Depth: 38.12 ft Diameter: 6 inch
Screen Depth:
Development Method: Disposable hand bailer, horiba, IP, WLM

GROUNDWATER PURGING

Initial Static Water Level: 23.44 ft
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:	14.68	Feet of Water x 1.50 Gallons/Foot =	22.02	Gallons	66.06

Volume of groundwater purged: 6.5 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%				
15:18	0		1.08	14.51	7.97	85.6	107	13.18		Initial
15:22	1	25	1.13	13.69	8.71	79.4	91	9.58	0.721	
15:31	6	30.5	1.15	12.62	8.81	106	82	6.54	0.734	
15:35	6.5	31.5	DRY							

Note:
(1) Some odor, NAPL present

PARSONS
WELL DEVELOPMENT OBSERVATIONS

SITE NAME: NYSEG - Plattsburgh, Bridge Street
PROJECT NUMBER: 450442.01000

WELL NUMBER: MW - 7BS **WEATHER:** 54 degrees, showers
DATE: 4/26/2017 **TIME:**

DEVELOPER: Kelly Miller of Parsons
Dorian Kessler of Parsons

DESCRIPTION OF WELL

Total Depth: 13.24 ft Diameter: 6 inch
Screen Depth:
Development Method: Disposable hand bailer, horiba, IP, WLM

GROUNDWATER PURGING

Initial Static Water Level: 2.42 ft
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:	10.82	Feet of Water x 1.50 Gallons/Foot =	16.23	Gallons	48.69

Volume of groundwater purged: 45 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%				
16:00	1	2.8	0.196	13.69	8.17	20.5	123	12.39	0.136	
16:20	6	4.48	0.142	12.28	8.07	64.6	93	10.62	0.09	
16:24	10	5.3	0.391	9.87	7.91	80.7	-68	7.68	0.237	
16:30	15	4.9	0.936	8.15	7.69	67.4	-88	5.79	0.589	
16:35	20	5.8	1.19	7.88	7.54	76.8	-83	6.06	0.753	
16:49	30	5.8	1.36	7.69	7.36	119	-65	7.69	0.868	
16:52	35	4.6	1.09	8.41	7.3	90.5	-59	7.8	0.73	
16:57	40	5.3	1.38	7.56	7.3	31.1	-52	0	0.884	
17:04	45	6.7	1.42	7.55	7.34	28.6	-61	0	0.905	

Note:
(1) Sample color clear initial, water kept filling into well, no odor, no sheen
(2) Sheen on top layer of water in the well, but IP did not detect NAPL
(3) No J plug, 1 stripped bolt

PARSONS
WELL DEVELOPMENT OBSERVATIONS

SITE NAME: NYSEG - Plattsburgh, Bridge Street
PROJECT NUMBER: 450442.01000

WELL NUMBER: MW - 7BD **WEATHER:** 52 degrees, rainy
DATE: 4/26/2017 **TIME:**

DEVELOPER: Kelly Miller of Parsons
Dorian Kessler of Parsons

DESCRIPTION OF WELL

Total Depth: 49.24 ft Diameter: 4 inch
Screen Depth:
Development Method: Disposable hand bailer, horiba, IP, WLM

GROUNDWATER PURGING

Initial Static Water Level: 8.31 ft
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:	40.93	Feet of Water x 0.66 Gallons/Foot =	27.01	Gallons	81	
6-Inch Casing:		Feet of Water x 1.50 Gallons/Foot =		Gallons		

Volume of groundwater purged: 29 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%				
11:02	1	10	0.933	9.81	10.2	58	13	10.77	0.607	
11:12	6	16.9	0.911	9.31	9.69	90.5	-1	9	0.581	
11:21	11	22.85	0.974	9.47	9.57	91.3	-22	8.55	0.624	
11:30	16	28.6	0.986	10.02	9.52	61.2	-34	7.22	0.631	
11:39	20	34.6	0.987	10.76	9.46	26.9	-107	2.98	0.632	
12:00	25	42.5	0.982	11.42	9.4	29.4	-96	7.16	0.628	
12:10	29	47.72	0.98	11.52	9.38	40.1	-81	9.3	0.627	
DRY										

Note:
(1) Sample color slight red, sediment, cleared in 16 gal
(2) Heavy NAPL odor at bottom of well, green color with sheen
(3) NAPL not detected with IP, but sheen on top layer in the well and on IP
(4) Sediments in water, odor present, water nearer bottom clearer. Water at bottom with heavy odor and staining, black in color

PARSONS
WELL DEVELOPMENT OBSERVATIONS

SITE NAME: NYSEG - Plattsburgh, Bridge Street
PROJECT NUMBER: 450442.01000

WELL NUMBER: MW - 9B **WEATHER:** 54 degrees, cloudy with showers
DATE: 4/26/2017 **TIME:**

DEVELOPER: Kelly Miller of Parsons
Dorian Kessler of Parsons

DESCRIPTION OF WELL

Total Depth: 34.81 ft Diameter: 6 inch
Screen Depth:
Development Method: Disposable hand bailer, horiba, IP, WLM

GROUNDWATER PURGING

Initial Static Water Level: 0.8 ft
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:	34.01	Feet of Water x 1.50 Gallons/Foot =	51.01	Gallons	153.1

Volume of groundwater purged: 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%				
14:06	1	0.6	0.132	15.95	7.87	47.8	82	20.88	0.08	
14:11	6	4.1	0.252	11.9	8.37	26.2	-76	17.11	0.163	
14:17	11	6.9	0.301	9.15	8.97	29.7	-135	0.82	0.196	
14:26	16	12.4	0.313	8.73	9.06	59.8	-109	9.08	0.203	
14:34	20	19.05	0.257	9.59	8.81	96.2	-70	8.61	0.157	
14:42	24	25.8	0.524	9.66	8.75	113	-87	5.98	0.332	
14:51	29	32.6	0.684	10.4	8.7	80.7	-83	1.07	0.434	
14:54	30	33.15	DRY							

Note:
(1) 6" steel casing, 3 bolts stripped, approx 2" of sediment on top of J plug
(2) Larva on top liquid layer, sheen on top liquid layer, but not detected on IP
(3) Sheen on IP and concrete pad

PARSONS
WELL DEVELOPMENT OBSERVATIONS

SITE NAME: NYSEG - Plattsburgh, Bridge Street
PROJECT NUMBER: 450442.01000

WELL NUMBER: MW - 11B **WEATHER:** 57 degrees, wind E at 14mph, showers
DATE: 4/25/2017 **TIME:** 13:35

DEVELOPER: Kelly Miller of Parsons
Dorian Kessler of Parsons

DESCRIPTION OF WELL

Total Depth: 38.35 ft Diameter: 6 inch
Screen Depth:
Development Method: Disposable hand bailer, horiba, IP, WLM

GROUNDWATER PURGING

Initial Static Water Level: 5.74 ft
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:	32.61	Feet of Water x 1.50 Gallons/Foot =	48.91	Gallons	147

Volume of groundwater purged: 25 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%				
13:39	0		0.49	11.77	8.25	92.6	165	18.85		Initial
13:44	7	11.98	0.49	11.77	8.25	92.6	165	18.85	0.292	
13:48	10	12.65	0.979	12.29	8.68	53.5	146	11.62	0.627	
13:55	14	14.0	1.02	10.11	8.89	156	122	9.19	0.654	
14:01	16	18.5	0.523	10.51	8.39	187	116	17.52	0.31	
14:17	19	23.3	1.04	10.91	8.75	67.5	56	19.3	0.667	
14:27	23	28.2	1.05	11.32	8.75	38.8	42	9.59	0.672	
14:38	25	34.3	1.05	11.88	8.68	151	18	13.45	0.672	
14:44	DRY	34.9								Dry - 25 gal

Note:
(1) Purge water clear to dark brown, petro odor, sheen on top layer of pail and WL probe
(2) Sample color light brown, no odor
(3) 12 gal - petro odor, turning darker brown, oil sheen on top layer
(4) Sample analyzed for BTEX and PAH

APPENDIX B

Groundwater Sample Laboratory Analytical Report

CHEMTECH

ANALYTICAL RESULTS SUMMARY

VOLATILE ORGANICS
SEMI-VOLATILE ORGANICS

PROJECT NAME : NYSEG - BRIDGE ST.

PARSONS MAIN OF NEW YORK, INC.

301 Plainfield Road

Suite 350

Syracuse, NY - 13212

Phone No: 315-451-9560

ORDER ID : I2902

ATTENTION : Paul Roth

ACCREDITED IN ACCORDANCE WITH nelac

DoD ELAP

Table Of Contents for I2902

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Cover Page

Order ID : I2902

Project ID : NYSEG - Bridge St.

Client : PARSONS MAIN of NEW YORK, INC.

Lab Sample Number	Client Sample Number
I2902-01	MW-1B
I2902-02	MW-2B
I2902-03	MW-3B
I2902-04	MW-6B
I2902-05	MW-7BS
I2902-06	MW-7BD
I2902-07	MW-9B
I2902-08	MW-11B
I2902-09	I2902-08MS
I2902-10	I2902-08MSD
I2902-11	MW-12B
I2902-12	TB-42617
I2902-13	EQUIPBLANK
I2902-14	FB-42617

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : REVIEWED
By kalpana, Data Reviewer at 2:22 pm, May 09, 2017

Date: 5/9/2017

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

2

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-I

SAMPLE IDENTIFICATION AND ANALYTICAL REQUIREMENT SUMMARY

NYSDEC Sample ID/Code	Laboratory Sample ID/Code	VOA GC/MS (Method #)	BNA GC/MS (Method #)	VOA GC (Method #)	Pest PCBs (Method #)	Metals (Method #)	Other (Method #)
MW-1B	I2902-01	8260-Low	8270D				
MW-2B	I2902-02	8260-Low	8270D				
MW-3B	I2902-03	8260-Low	8270D				
MW-6B	I2902-04	8260-Low	8270D				
MW-7BS	I2902-05	8260-Low	8270D				
MW-7BD	I2902-06	8260-Low	8270D				
MW-9B	I2902-07	8260-Low	8270D				
MW-11B	I2902-08	8260-Low	8270D				
MW-12B	I2902-11	8260-Low	8270D				
TB-42617	I2902-12	8260-Low					
EQUIPBLANK	I2902-13	8260-Low	8270D				
FB-42617	I2902-14	8260-Low					

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IIa

SAMPLE PREPARATION AND ANALYSIS SUMMARY SEMIVOLATILE (BNA) ANALYSES

Laboratory Sample ID	Matrix	Date Collected	Date Rec'd at Lab	Date Extracted	Date Analyzed
I2902-01	Water	04/26/17	04/28/17	04/29/17	05/01/17
I2902-02	Water	04/26/17	04/28/17	04/29/17	05/01/17
I2902-03	Water	04/26/17	04/28/17	04/29/17	05/01/17
I2902-04	Water	04/27/17	04/28/17	04/29/17	05/01/17
I2902-05	Water	04/27/17	04/28/17	04/29/17	05/01/17
I2902-06	Water	04/27/17	04/28/17	04/29/17	05/01/17
I2902-07	Water	04/27/17	04/28/17	04/29/17	05/01/17
I2902-08	Water	04/26/17	04/28/17	04/29/17	04/30/17
I2902-11	Water	04/27/17	04/28/17	04/29/17	05/01/17
I2902-13	Water	04/26/17	04/28/17	04/29/17	04/30/17

* Details For Test :SVOCMS Group1

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IIa

SAMPLE PREPARATION AND ANALYSIS SUMMARY SEMIVOLATILE (BNA) ANALYSES

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IIb

SAMPLE PREPARATION AND ANALYSIS SUMMARY VOLATILE (VOA) ANALYSES

Laboratory Sample ID	Matrix	Date Collected	Date Rec'd at Lab	Date Extracted	Date Analyzed
I2902-01	Water	04/26/17	04/28/17		04/28/17
I2902-02	Water	04/26/17	04/28/17		04/29/17
I2902-03	Water	04/26/17	04/28/17		04/29/17
I2902-04	Water	04/27/17	04/28/17		04/29/17
I2902-05	Water	04/27/17	04/28/17		04/29/17
I2902-06	Water	04/27/17	04/28/17		04/29/17
I2902-07	Water	04/27/17	04/28/17		04/29/17
I2902-08	Water	04/26/17	04/28/17		04/29/17
I2902-11	Water	04/27/17	04/28/17		04/29/17
I2902-12	Water	04/26/17	04/28/17		04/28/17
I2902-13	Water	04/26/17	04/28/17		04/28/17
I2902-14	Water	04/26/17	04/28/17		04/28/17

* Details For Test :VOCMS Group1

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-III

SAMPLE PREPARATION AND ANALYSIS SUMMARY
MISCELLANEOUS ORGANIC ANALYSES

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
I2902-01	Water	8260-Low	5030		
I2902-02	Water	8260-Low	5030		
I2902-03	Water	8260-Low	5030		
I2902-04	Water	8260-Low	5030		
I2902-05	Water	8260-Low	5030		
I2902-06	Water	8260-Low	5030		
I2902-07	Water	8260-Low	5030		
I2902-08	Water	8260-Low	5030		
I2902-09	Water	8260-Low	5030		
I2902-10	Water	8260-Low	5030		
I2902-11	Water	8260-Low	5030		
I2902-12	Water	8260-Low	5030		
I2902-13	Water	8260-Low	5030		
I2902-14	Water	8260-Low	5030		

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-III

SAMPLE PREPARATION AND ANALYSIS SUMMARY
MISCELLANEOUS ORGANIC ANALYSES

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
I2902-01	Water	8270D	3510C		
I2902-02	Water	8270D	3510C		
I2902-03	Water	8270D	3510C		
I2902-04	Water	8270D	3510C		
I2902-05	Water	8270D	3510C		
I2902-06	Water	8270D	3510C		
I2902-07	Water	8270D	3510C		
I2902-08	Water	8270D	3510C		
I2902-09	Water	8270D	3510C		
I2902-10	Water	8270D	3510C		
I2902-11	Water	8270D	3510C		
I2902-13	Water	8270D	3510C		

CHEMTECH
284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

PARSONS MAIN of NEW YORK, INC.
Project Name: NYSEG - Bridge St.
Project # N/A
Chemtech Project # I2902
Test Name: VOCMS Group1

A. Number of Samples and Date of Receipt:
14 Water samples were received on 04/28/2017.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOCMS Group1 and VOCMS Group1. This data package contains results for VOCMS Group1.

C. Analytical Techniques:
The analysis performed on instrument MSVOA_N were done using GC column RXI-624SIL MS 30m 0.25mm 1.4 um. Cat#13868.The analysis of VOCMS Group1 was based on method 8260-Low.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds .
The MSD recoveries met the acceptable requirements .
The RPD recoveries met criteria .
The Blank Spike met requirements for all samples .

The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration met the requirements .
The Tuning criteria met requirements.

Samples MW-3B, MW-7BD were diluted due to high concentrations.

E. Additional Comments:

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <15% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 15% for the Initial Calibration curve for SW-846 analysis.

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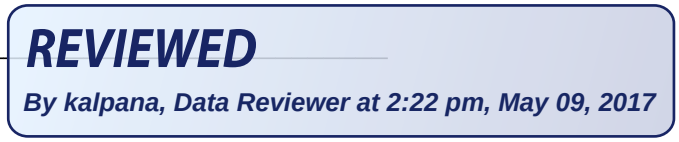
F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature 

CHEMTECH
284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

PARSONS MAIN of NEW YORK, INC.
Project Name: NYSEG - Bridge St.
Project # N/A
Chemtech Project # I2902
Test Name: SVOCMS Group1

A. Number of Samples and Date of Receipt:
14 Water samples were received on 04/28/2017.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOCMS Group1 and VOCMS Group1. This data package contains results for SVOCMS Group1.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_F using GC Column RTX-5 which is 20 meters, 0.18 mm ID, 0.36 um dfThe analysis of SVOCMS Group1 was based on method 8270D and extraction was done based on method 3510.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria except for MW-2B [Terphenyl-d14 - 144%], MW-6B [2,4,6-Tribromophenol - 18%, 2-Fluorobiphenyl - 24%, 2-Fluorophenol - 8%, Nitrobenzene-d5 - 21%, Phenol-d6 - 6%], MW-6B [2,4,6-Tribromophenol - 19%, 2-Fluorobiphenyl - 25%, 2-Fluorophenol - 8%, Nitrobenzene-d5 - 23%, Phenol-d6 - 5%], MW-7BD [2,4,6-Tribromophenol - 156%, 2-Fluorobiphenyl - 206%, Nitrobenzene-d5 - 163%, Terphenyl-d14 - 251%], MW-7BD [Nitrobenzene-d5 - 320% and Terphenyl-d14 - 165%].
The sample # MW-6B and MW-7BD had very bad matrix these samples were analyzed With high dilution and use as a original run.

The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds .
The MSD recoveries met the acceptable requirements .
The RPD for {I2902-10MSD} with File ID: BF094731.D recoveries met criteria except for Phenanthrene[26%] .
The Blank Spike met requirements for all samples .
The Blank Spike Duplicate met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration File ID BF094734.D met the requirements except for Pyrene and Terphenyl-d14 .The associate samples have no positive hit for these compounds.

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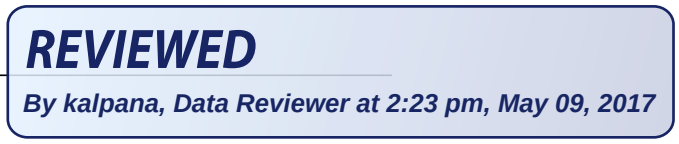
The Tuning criteria met requirements.
Samples MW-2B, MW-6B and MW-7BD were diluted due to bad matrices.
Sample MW-3B was diluted due to high concentration.

E. Additional Comments:
The sample # MW-11BMS and MW-11BMSD were extracted with reduce weight volume due received limited volume from the client.
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <15% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 15% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature 

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: I2902

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

1st Level QA Review Signature: KALPANA RAYTHATTHA **Date:** 05/09/2017

2nd Level QA Review Signature: _____ **Date:** _____

CHEMTECH
284 Sheffield Street, Mountainside, New Jersey - 07092
Phone: (908) 789 8900 Fax: (908) 789 8922

LAB CHRONICLE

OrderID:	I2902	**OrderDate:**	4/28/2017 11:05:25 AM
Client:	PARSONS MAIN of NEW YORK, INC.	**Project:**	NYSEG - Bridge St.
Contact:	Paul Roth	**Location:**	D21

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
I2902-01	**MW-1B**	**Water**			**04/26/17**			**04/28/17**
			VOCMS Group1	8260-Low			04/28/17	
I2902-02	**MW-2B**	**Water**			**04/26/17**			**04/28/17**
			VOCMS Group1	8260-Low			04/29/17	
I2902-03	**MW-3B**	**Water**			**04/26/17**			**04/28/17**
			VOCMS Group1	8260-Low			04/29/17	
I2902-03DL	**MW-3BDL**	**Water**			**04/26/17**			**04/28/17**
			VOCMS Group1	8260-Low			04/29/17	
I2902-04	**MW-6B**	**Water**			**04/27/17**			**04/28/17**
			VOCMS Group1	8260-Low			04/29/17	
I2902-05	**MW-7BS**	**Water**			**04/27/17**			**04/28/17**
			VOCMS Group1	8260-Low			04/29/17	
I2902-06	**MW-7BD**	**Water**			**04/27/17**			**04/28/17**
			VOCMS Group1	8260-Low			04/29/17	
I2902-06DL	**MW-7BDDL**	**Water**			**04/27/17**			**04/28/17**
			VOCMS Group1	8260-Low			04/29/17	
I2902-07	**MW-9B**	**Water**			**04/27/17**			**04/28/17**
			VOCMS Group1	8260-Low			04/29/17	
I2902-08	**MW-11B**	**Water**			**04/26/17**			**04/28/17**
			VOCMS Group1	8260-Low			04/29/17	
I2902-11	**MW-12B**	**Water**			**04/27/17**			**04/28/17**
			VOCMS Group1	8260-Low			04/29/17	
I2902-12	**TB-42617**	**Water**			**04/26/17**			**04/28/17**
			VOCMS Group1	8260-Low			04/28/17	

CHEMTECH
284 Sheffield Street, Mountainside, New Jersey - 07092
Phone: (908) 789 8900 Fax: (908) 789 8922

LAB CHRONICLE

I2902-13	**EQUIPBLANK**	**Water**			**04/26/17**		**04/28/17**
			VOCMS Group1	8260-Low		04/28/17	
I2902-14	**FB-42617**	**Water**			**04/26/17**		**04/28/17**
			VOCMS Group1	8260-Low		04/28/17	

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: I2902

Client: PARSONS MAIN of NEW YORK, INC.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID:	**MW-1B**								
I2902-01	MW-1B	Water	Benzene	0.91	J	0.2	0.2	1	ug/L
			Total Voc :	0.91					
			Total Concentration:	0.91					
Client ID:	**MW-2B**								
I2902-02	MW-2B	Water	Benzene	51.70		0.2	0.2	1	ug/L
I2902-02	MW-2B	Water	Toluene	94.90		0.2	0.2	1	ug/L
I2902-02	MW-2B	Water	Ethyl Benzene	110.00		0.2	0.2	1	ug/L
I2902-02	MW-2B	Water	m/p-Xylenes	150.00		0.4	0.4	2	ug/L
I2902-02	MW-2B	Water	o-Xylene	47.70		0.2	0.2	1	ug/L
			Total Voc :	454.3					
			Total Concentration:	454.3					
Client ID:	**MW-3B**								
I2902-03	MW-3B	Water	Benzene	470.00	E	0.2	0.2	1	ug/L
I2902-03	MW-3B	Water	Toluene	110.00		0.2	0.2	1	ug/L
I2902-03	MW-3B	Water	Ethyl Benzene	330.00	E	0.2	0.2	1	ug/L
I2902-03	MW-3B	Water	m/p-Xylenes	240.00		0.4	0.4	2	ug/L
I2902-03	MW-3B	Water	o-Xylene	220.00	E	0.2	0.2	1	ug/L
			Total Voc :	1370					
			Total Concentration:	1370					
Client ID:	**MW-3BDL**								
I2902-03DL	MW-3BDL	Water	Benzene	760.00	D	2	2	10	ug/L
I2902-03DL	MW-3BDL	Water	Toluene	110.00	D	2	2	10	ug/L
I2902-03DL	MW-3BDL	Water	Ethyl Benzene	710.00	D	2	2	10	ug/L
I2902-03DL	MW-3BDL	Water	m/p-Xylenes	240.00	D	4	4	20	ug/L
I2902-03DL	MW-3BDL	Water	o-Xylene	220.00	D	2	2	10	ug/L
			Total Voc :	2040					
			Total Concentration:	2040					
Client ID:	**MW-6B**								
I2902-04	MW-6B	Water	Benzene	22.10		0.2	0.2	1	ug/L
I2902-04	MW-6B	Water	Toluene	150.00		0.2	0.2	1	ug/L
I2902-04	MW-6B	Water	Ethyl Benzene	150.00		0.2	0.2	1	ug/L
I2902-04	MW-6B	Water	m/p-Xylenes	290.00		0.4	0.4	2	ug/L
I2902-04	MW-6B	Water	o-Xylene	150.00		0.2	0.2	1	ug/L
			Total Voc :	762.1					
			Total Concentration:	762.1					
Client ID:	**MW-7BS**								
I2902-05	MW-7BS	Water	Benzene	11.10		0.2	0.2	1	ug/L
I2902-05	MW-7BS	Water	Toluene	0.89	J	0.2	0.2	1	ug/L
I2902-05	MW-7BS	Water	Ethyl Benzene	3.00		0.2	0.2	1	ug/L

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: I2902

Client: PARSONS MAIN of NEW YORK, INC.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
I2902-05	MW-7BS	Water	m/p-Xylenes	1.50	J	0.4	0.4	2	ug/L
I2902-05	MW-7BS	Water	o-Xylene	1.50		0.2	0.2	1	ug/L
			Total Voc :	17.99					
			Total Concentration:	17.99					
Client ID:	**MW-7BD**								
I2902-06	MW-7BD	Water	Benzene	480.00	E	0.2	0.2	1	ug/L
I2902-06	MW-7BD	Water	Toluene	690.00	E	0.2	0.2	1	ug/L
I2902-06	MW-7BD	Water	Ethyl Benzene	370.00	E	0.2	0.2	1	ug/L
I2902-06	MW-7BD	Water	m/p-Xylenes	930.00	E	0.4	0.4	2	ug/L
I2902-06	MW-7BD	Water	o-Xylene	630.00	E	0.2	0.2	1	ug/L
			Total Voc :	3100					
			Total Concentration:	3100					
Client ID:	**MW-7BDDL**								
I2902-06DL	MW-7BDDL	Water	Benzene	920.00	D	2	2	10	ug/L
I2902-06DL	MW-7BDDL	Water	Toluene	1,600.00	D	2	2	10	ug/L
I2902-06DL	MW-7BDDL	Water	Ethyl Benzene	1,500.00	D	2	2	10	ug/L
I2902-06DL	MW-7BDDL	Water	m/p-Xylenes	2,000.00	D	4	4	20	ug/L
I2902-06DL	MW-7BDDL	Water	o-Xylene	650.00	D	2	2	10	ug/L
			Total Voc :	6670					
			Total Concentration:	6670					
Client ID:	**MW-11B**								
I2902-08	MW-11B	Water	Benzene	0.44	J	0.2	0.2	1	ug/L
I2902-08	MW-11B	Water	Toluene	1.50		0.2	0.2	1	ug/L
I2902-08	MW-11B	Water	Ethyl Benzene	1.30		0.2	0.2	1	ug/L
I2902-08	MW-11B	Water	m/p-Xylenes	9.70		0.4	0.4	2	ug/L
I2902-08	MW-11B	Water	o-Xylene	3.60		0.2	0.2	1	ug/L
			Total Voc :	16.54					
			Total Concentration:	16.54					
Client ID:	**EQUIPBLANK**								
I2902-13	EQUIPBLANK	Water	Toluene	0.31	J	0.2	0.2	1	ug/L
			Total Voc :	0.31					
			Total Concentration:	0.31					

SAMPLE DATA

Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	04/26/17
Project:	NYSEG - Bridge St.	Date Received:	04/28/17
Client Sample ID:	MW-1B	SDG No.:	I2902
Lab Sample ID:	I2902-01	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN040440.D	1		04/28/17 23:51	VN042817

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
71-43-2	Benzene	0.91	J	0.2	0.2	1	ug/L
108-88-3	Toluene	1	U	0.2	0.2	1	ug/L
100-41-4	Ethyl Benzene	1	U	0.2	0.2	1	ug/L
179601-23-1	m/p-Xylenes	2	U	0.4	0.4	2	ug/L
95-47-6	o-Xylene	1	U	0.2	0.2	1	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	48.1		61 - 141		96%	SPK: 50
1868-53-7	Dibromofluoromethane	48.1		69 - 133		96%	SPK: 50
2037-26-5	Toluene-d8	51.6		65 - 126		103%	SPK: 50
460-00-4	4-Bromofluorobenzene	44		58 - 135		88%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	1116600	7.86				
540-36-3	1,4-Difluorobenzene	1995590	8.77				
3114-55-4	Chlorobenzene-d5	1854440	11.58				
3855-82-1	1,4-Dichlorobenzene-d4	609433	13.52				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	04/26/17
Project:	NYSEG - Bridge St.	Date Received:	04/28/17
Client Sample ID:	MW-2B	SDG No.:	I2902
Lab Sample ID:	I2902-02	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN040446.D	1		04/29/17 02:20	VN042817

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
71-43-2	Benzene	51.7		0.2	0.2	1	ug/L
108-88-3	Toluene	94.9		0.2	0.2	1	ug/L
100-41-4	Ethyl Benzene	110		0.2	0.2	1	ug/L
179601-23-1	m/p-Xylenes	150		0.4	0.4	2	ug/L
95-47-6	o-Xylene	47.7		0.2	0.2	1	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	47.7		61 - 141		95%	SPK: 50
1868-53-7	Dibromofluoromethane	47.1		69 - 133		94%	SPK: 50
2037-26-5	Toluene-d8	50.6		65 - 126		101%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.1		58 - 135		104%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	1164290	7.86				
540-36-3	1,4-Difluorobenzene	2081260	8.77				
3114-55-4	Chlorobenzene-d5	1939520	11.58				
3855-82-1	1,4-Dichlorobenzene-d4	895404	13.52				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	04/26/17
Project:	NYSEG - Bridge St.	Date Received:	04/28/17
Client Sample ID:	MW-3B	SDG No.:	I2902
Lab Sample ID:	I2902-03	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN040448.D	1		04/29/17 03:09	VN042817

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
71-43-2	Benzene	470	E	0.2	0.2	1	ug/L
108-88-3	Toluene	110		0.2	0.2	1	ug/L
100-41-4	Ethyl Benzene	330	E	0.2	0.2	1	ug/L
179601-23-1	m/p-Xylenes	240		0.4	0.4	2	ug/L
95-47-6	o-Xylene	220	E	0.2	0.2	1	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	46.7		61 - 141		93%	SPK: 50
1868-53-7	Dibromofluoromethane	46.8		69 - 133		94%	SPK: 50
2037-26-5	Toluene-d8	49.6		65 - 126		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.3		58 - 135		101%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	1236260	7.86				
540-36-3	1,4-Difluorobenzene	2138670	8.77				
3114-55-4	Chlorobenzene-d5	1930510	11.58				
3855-82-1	1,4-Dichlorobenzene-d4	847024	13.52				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	04/26/17
Project:	NYSEG - Bridge St.	Date Received:	04/28/17
Client Sample ID:	MW-3BDL	SDG No.:	I2902
Lab Sample ID:	I2902-03DL	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN040449.D	10		04/29/17 03:34	VN042817

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
71-43-2	Benzene	760	D	2	2	10	ug/L
108-88-3	Toluene	110	D	2	2	10	ug/L
100-41-4	Ethyl Benzene	710	D	2	2	10	ug/L
179601-23-1	m/p-Xylenes	240	D	4	4	20	ug/L
95-47-6	o-Xylene	220	D	2	2	10	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	45.2		61 - 141		90%	SPK: 50
1868-53-7	Dibromofluoromethane	46.1		69 - 133		92%	SPK: 50
2037-26-5	Toluene-d8	49.1		65 - 126		98%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.5		58 - 135		97%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	1226940	7.86				
540-36-3	1,4-Difluorobenzene	2146230	8.78				
3114-55-4	Chlorobenzene-d5	1898420	11.58				
3855-82-1	1,4-Dichlorobenzene-d4	790199	13.52				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	04/27/17
Project:	NYSEG - Bridge St.	Date Received:	04/28/17
Client Sample ID:	MW-6B	SDG No.:	I2902
Lab Sample ID:	I2902-04	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN040441.D	1		04/29/17 00:16	VN042817

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
71-43-2	Benzene	22.1		0.2	0.2	1	ug/L
108-88-3	Toluene	150		0.2	0.2	1	ug/L
100-41-4	Ethyl Benzene	150		0.2	0.2	1	ug/L
179601-23-1	m/p-Xylenes	290		0.4	0.4	2	ug/L
95-47-6	o-Xylene	150		0.2	0.2	1	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	47.8		61 - 141		96%	SPK: 50
1868-53-7	Dibromofluoromethane	46.5		69 - 133		93%	SPK: 50
2037-26-5	Toluene-d8	50		65 - 126		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.7		58 - 135		99%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	1040470	7.86				
540-36-3	1,4-Difluorobenzene	1891340	8.77				
3114-55-4	Chlorobenzene-d5	1702200	11.58				
3855-82-1	1,4-Dichlorobenzene-d4	792206	13.52				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	04/27/17
Project:	NYSEG - Bridge St.	Date Received:	04/28/17
Client Sample ID:	MW-7BS	SDG No.:	I2902
Lab Sample ID:	I2902-05	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN040442.D	1		04/29/17 00:40	VN042817

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
71-43-2	Benzene	11.1		0.2	0.2	1	ug/L
108-88-3	Toluene	0.89	J	0.2	0.2	1	ug/L
100-41-4	Ethyl Benzene	3		0.2	0.2	1	ug/L
179601-23-1	m/p-Xylenes	1.5	J	0.4	0.4	2	ug/L
95-47-6	o-Xylene	1.5		0.2	0.2	1	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	44.3		61 - 141		89%	SPK: 50
1868-53-7	Dibromofluoromethane	46.5		69 - 133		93%	SPK: 50
2037-26-5	Toluene-d8	49.3		65 - 126		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.1		58 - 135		94%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	1151630	7.86				
540-36-3	1,4-Difluorobenzene	1969440	8.77				
3114-55-4	Chlorobenzene-d5	1737810	11.58				
3855-82-1	1,4-Dichlorobenzene-d4	661199	13.52				

U = Not Detected
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MDL = Method Detection Limit
LOD = Limit of Detection
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J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	04/27/17
Project:	NYSEG - Bridge St.	Date Received:	04/28/17
Client Sample ID:	MW-7BD	SDG No.:	I2902
Lab Sample ID:	I2902-06	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN040450.D	1		04/29/17 03:59	VN042817

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
71-43-2	Benzene	480	E	0.2	0.2	1	ug/L
108-88-3	Toluene	690	E	0.2	0.2	1	ug/L
100-41-4	Ethyl Benzene	370	E	0.2	0.2	1	ug/L
179601-23-1	m/p-Xylenes	930	E	0.4	0.4	2	ug/L
95-47-6	o-Xylene	630	E	0.2	0.2	1	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	46.6		61 - 141		93%	SPK: 50
1868-53-7	Dibromofluoromethane	45.8		69 - 133		92%	SPK: 50
2037-26-5	Toluene-d8	49.9		65 - 126		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.6		58 - 135		105%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	1308780	7.86				
540-36-3	1,4-Difluorobenzene	2290480	8.77				
3114-55-4	Chlorobenzene-d5	2062810	11.58				
3855-82-1	1,4-Dichlorobenzene-d4	1026820	13.52				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	04/27/17
Project:	NYSEG - Bridge St.	Date Received:	04/28/17
Client Sample ID:	MW-7BDDL	SDG No.:	I2902
Lab Sample ID:	I2902-06DL	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN040451.D	10		04/29/17 04:23	VN042817

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
71-43-2	Benzene	920	D	2	2	10	ug/L
108-88-3	Toluene	1600	D	2	2	10	ug/L
100-41-4	Ethyl Benzene	1500	D	2	2	10	ug/L
179601-23-1	m/p-Xylenes	2000	D	4	4	20	ug/L
95-47-6	o-Xylene	650	D	2	2	10	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	44		61 - 141		88%	SPK: 50
1868-53-7	Dibromofluoromethane	45.4		69 - 133		91%	SPK: 50
2037-26-5	Toluene-d8	49.7		65 - 126		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.6		58 - 135		103%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	1339190	7.86				
540-36-3	1,4-Difluorobenzene	2284720	8.77				
3114-55-4	Chlorobenzene-d5	2088360	11.58				
3855-82-1	1,4-Dichlorobenzene-d4	933297	13.52				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	04/27/17
Project:	NYSEG - Bridge St.	Date Received:	04/28/17
Client Sample ID:	MW-9B	SDG No.:	I2902
Lab Sample ID:	I2902-07	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN040443.D	1		04/29/17 01:05	VN042817

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
71-43-2	Benzene	1	U	0.2	0.2	1	ug/L
108-88-3	Toluene	1	U	0.2	0.2	1	ug/L
100-41-4	Ethyl Benzene	1	U	0.2	0.2	1	ug/L
179601-23-1	m/p-Xylenes	2	U	0.4	0.4	2	ug/L
95-47-6	o-Xylene	1	U	0.2	0.2	1	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	45.8		61 - 141		92%	SPK: 50
1868-53-7	Dibromofluoromethane	47.1		69 - 133		94%	SPK: 50
2037-26-5	Toluene-d8	49.9		65 - 126		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.1		58 - 135		92%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	1172280	7.86				
540-36-3	1,4-Difluorobenzene	2039210	8.77				
3114-55-4	Chlorobenzene-d5	1827140	11.58				
3855-82-1	1,4-Dichlorobenzene-d4	665206	13.52				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	04/26/17
Project:	NYSEG - Bridge St.	Date Received:	04/28/17
Client Sample ID:	MW-11B	SDG No.:	I2902
Lab Sample ID:	I2902-08	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN040444.D	1		04/29/17 01:30	VN042817

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
71-43-2	Benzene	0.44	J	0.2	0.2	1	ug/L
108-88-3	Toluene	1.5		0.2	0.2	1	ug/L
100-41-4	Ethyl Benzene	1.3		0.2	0.2	1	ug/L
179601-23-1	m/p-Xylenes	9.7		0.4	0.4	2	ug/L
95-47-6	o-Xylene	3.6		0.2	0.2	1	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	47.2		61 - 141		94%	SPK: 50
1868-53-7	Dibromofluoromethane	47.2		69 - 133		94%	SPK: 50
2037-26-5	Toluene-d8	50.5		65 - 126		101%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.7		58 - 135		101%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	1102790	7.86				
540-36-3	1,4-Difluorobenzene	1943980	8.77				
3114-55-4	Chlorobenzene-d5	1831480	11.58				
3855-82-1	1,4-Dichlorobenzene-d4	800635	13.52				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	04/27/17
Project:	NYSEG - Bridge St.	Date Received:	04/28/17
Client Sample ID:	MW-12B	SDG No.:	I2902
Lab Sample ID:	I2902-11	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN040445.D	1		04/29/17 01:55	VN042817

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
71-43-2	Benzene	1	U	0.2	0.2	1	ug/L
108-88-3	Toluene	1	U	0.2	0.2	1	ug/L
100-41-4	Ethyl Benzene	1	U	0.2	0.2	1	ug/L
179601-23-1	m/p-Xylenes	2	U	0.4	0.4	2	ug/L
95-47-6	o-Xylene	1	U	0.2	0.2	1	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	48.9		61 - 141		98%	SPK: 50
1868-53-7	Dibromofluoromethane	47.6		69 - 133		95%	SPK: 50
2037-26-5	Toluene-d8	49.5		65 - 126		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.3		58 - 135		93%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	1228260	7.86				
540-36-3	1,4-Difluorobenzene	2176820	8.77				
3114-55-4	Chlorobenzene-d5	1922970	11.58				
3855-82-1	1,4-Dichlorobenzene-d4	691873	13.52				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	04/26/17
Project:	NYSEG - Bridge St.	Date Received:	04/28/17
Client Sample ID:	TB-42617	SDG No.:	I2902
Lab Sample ID:	I2902-12	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN040437.D	1		04/28/17 22:36	VN042817

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
71-43-2	Benzene	1	U	0.2	0.2	1	ug/L
108-88-3	Toluene	1	U	0.2	0.2	1	ug/L
100-41-4	Ethyl Benzene	1	U	0.2	0.2	1	ug/L
179601-23-1	m/p-Xylenes	2	U	0.4	0.4	2	ug/L
95-47-6	o-Xylene	1	U	0.2	0.2	1	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	46.7		61 - 141		93%	SPK: 50
1868-53-7	Dibromofluoromethane	48.6		69 - 133		97%	SPK: 50
2037-26-5	Toluene-d8	50.1		65 - 126		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.5		58 - 135		85%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	1039640	7.86				
540-36-3	1,4-Difluorobenzene	1821760	8.77				
3114-55-4	Chlorobenzene-d5	1619900	11.58				
3855-82-1	1,4-Dichlorobenzene-d4	518346	13.52				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	04/26/17
Project:	NYSEG - Bridge St.	Date Received:	04/28/17
Client Sample ID:	EQUIPBLANK	SDG No.:	I2902
Lab Sample ID:	I2902-13	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN040439.D	1		04/28/17 23:26	VN042817

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
71-43-2	Benzene	1	U	0.2	0.2	1	ug/L
108-88-3	Toluene	0.31	J	0.2	0.2	1	ug/L
100-41-4	Ethyl Benzene	1	U	0.2	0.2	1	ug/L
179601-23-1	m/p-Xylenes	2	U	0.4	0.4	2	ug/L
95-47-6	o-Xylene	1	U	0.2	0.2	1	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	49.4		61 - 141		99%	SPK: 50
1868-53-7	Dibromofluoromethane	48.2		69 - 133		96%	SPK: 50
2037-26-5	Toluene-d8	50.2		65 - 126		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.9		58 - 135		88%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	1027470	7.86				
540-36-3	1,4-Difluorobenzene	1841020	8.77				
3114-55-4	Chlorobenzene-d5	1636210	11.58				
3855-82-1	1,4-Dichlorobenzene-d4	547966	13.52				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	04/26/17
Project:	NYSEG - Bridge St.	Date Received:	04/28/17
Client Sample ID:	FB-42617	SDG No.:	I2902
Lab Sample ID:	I2902-14	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN040438.D	1		04/28/17 23:01	VN042817

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
71-43-2	Benzene	1	U	0.2	0.2	1	ug/L
108-88-3	Toluene	1	U	0.2	0.2	1	ug/L
100-41-4	Ethyl Benzene	1	U	0.2	0.2	1	ug/L
179601-23-1	m/p-Xylenes	2	U	0.4	0.4	2	ug/L
95-47-6	o-Xylene	1	U	0.2	0.2	1	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	48		61 - 141		96%	SPK: 50
1868-53-7	Dibromofluoromethane	48.2		69 - 133		96%	SPK: 50
2037-26-5	Toluene-d8	50.6		65 - 126		101%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.8		58 - 135		90%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	980214	7.86				
540-36-3	1,4-Difluorobenzene	1739410	8.77				
3114-55-4	Chlorobenzene-d5	1578310	11.58				
3855-82-1	1,4-Dichlorobenzene-d4	537994	13.52				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

QC SUMMARY

Surrogate Summary

SDG No.: I2902

Client: PARSONS MAIN of NEW YORK, INC.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
I2902-01	MW-1B	1,2-Dichloroethane-d4	50	48.12	96	61	141
		Dibromofluoromethane	50	48.05	96	69	133
		Toluene-d8	50	51.56	103	65	126
		4-Bromofluorobenzene	50	44.01	88	58	135
I2902-02	MW-2B	1,2-Dichloroethane-d4	50	47.73	95	61	141
		Dibromofluoromethane	50	47.09	94	69	133
		Toluene-d8	50	50.59	101	65	126
		4-Bromofluorobenzene	50	52.1	104	58	135
I2902-03	MW-3B	1,2-Dichloroethane-d4	50	46.71	93	61	141
		Dibromofluoromethane	50	46.76	94	69	133
		Toluene-d8	50	49.64	99	65	126
		4-Bromofluorobenzene	50	50.3	101	58	135
I2902-03DL	MW-3BDL	1,2-Dichloroethane-d4	50	45.16	90	61	141
		Dibromofluoromethane	50	46.12	92	69	133
		Toluene-d8	50	49.09	98	65	126
		4-Bromofluorobenzene	50	48.46	97	58	135
I2902-04	MW-6B	1,2-Dichloroethane-d4	50	47.82	96	61	141
		Dibromofluoromethane	50	46.5	93	69	133
		Toluene-d8	50	50.01	100	65	126
		4-Bromofluorobenzene	50	49.65	99	58	135
I2902-05	MW-7BS	1,2-Dichloroethane-d4	50	44.34	89	61	141
		Dibromofluoromethane	50	46.53	93	69	133
		Toluene-d8	50	49.27	99	65	126
		4-Bromofluorobenzene	50	47.09	94	58	135
I2902-06	MW-7BD	1,2-Dichloroethane-d4	50	46.59	93	61	141
		Dibromofluoromethane	50	45.8	92	69	133
		Toluene-d8	50	49.85	100	65	126
		4-Bromofluorobenzene	50	52.55	105	58	135
I2902-06DL	MW-7BDDL	1,2-Dichloroethane-d4	50	43.96	88	61	141
		Dibromofluoromethane	50	45.4	91	69	133
		Toluene-d8	50	49.7	99	65	126
		4-Bromofluorobenzene	50	51.61	103	58	135
I2902-07	MW-9B	1,2-Dichloroethane-d4	50	45.82	92	61	141
		Dibromofluoromethane	50	47.05	94	69	133
		Toluene-d8	50	49.89	100	65	126
		4-Bromofluorobenzene	50	46.14	92	58	135
I2902-08	MW-11B	1,2-Dichloroethane-d4	50	47.16	94	61	141
		Dibromofluoromethane	50	47.18	94	69	133
		Toluene-d8	50	50.45	101	65	126
		4-Bromofluorobenzene	50	50.67	101	58	135
I2902-09MS	MW-11BMS	1,2-Dichloroethane-d4	50	45.14	90	61	141
		Dibromofluoromethane	50	46.62	93	69	133
		Toluene-d8	50	47.68	95	65	126
		4-Bromofluorobenzene	50	49.21	98	58	135
I2902-10MSD	MW-11BMSD	1,2-Dichloroethane-d4	50	44.42	89	61	141
		Dibromofluoromethane	50	45.1	90	69	133
		Toluene-d8	50	46.38	93	65	126
		4-Bromofluorobenzene	50	47.75	96	58	135
I2902-11	MW-12B	1,2-Dichloroethane-d4	50	48.86	98	61	141
		Dibromofluoromethane	50	47.6	95	69	133
		Toluene-d8	50	49.49	99	65	126
		4-Bromofluorobenzene	50	46.25	93	58	135

Surrogate Summary

SDG No.: I2902

Client: PARSONS MAIN of NEW YORK, INC.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
I2902-12	TB-42617	1,2-Dichloroethane-d4	50	46.67	93	61	141
		Dibromofluoromethane	50	48.63	97	69	133
		Toluene-d8	50	50.08	100	65	126
		4-Bromofluorobenzene	50	42.49	85	58	135
I2902-13	EQUIPBLANK	1,2-Dichloroethane-d4	50	49.35	99	61	141
		Dibromofluoromethane	50	48.23	96	69	133
		Toluene-d8	50	50.24	100	65	126
		4-Bromofluorobenzene	50	43.88	88	58	135
I2902-14	FB-42617	1,2-Dichloroethane-d4	50	47.99	96	61	141
		Dibromofluoromethane	50	48.24	96	69	133
		Toluene-d8	50	50.57	101	65	126
		4-Bromofluorobenzene	50	44.8	90	58	135
VN0428WBL03	VN0428WBL03	1,2-Dichloroethane-d4	50	48.95	98	61	141
		Dibromofluoromethane	50	47.88	96	69	133
		Toluene-d8	50	50.14	100	65	126
		4-Bromofluorobenzene	50	44.8	90	58	135
VN0428WBS02	VN0428WBS02	1,2-Dichloroethane-d4	50	46.76	94	61	141
		Dibromofluoromethane	50	45.47	91	69	133
		Toluene-d8	50	46.58	93	65	126
		4-Bromofluorobenzene	50	45.14	90	58	135

CHEMTECH

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: I2902

Client: PARSONS MAIN of NEW YORK, INC.

Analytical Method: SW8260-Low

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID :	**I2902-09MS**	**Client Sample ID :**	**MW-11BMS**					**Datafile :**	VN040455.D		
Benzene	50	0.44	47.9	ug/L	95				62	134	
Toluene	50	1.5	51.6	ug/L	100				68	129	
Ethyl Benzene	50	1.3	50.1	ug/L	98				61	131	
m/p-Xylenes	100	9.7	110	ug/L	100				64	125	
o-Xylene	50	3.6	53.4	ug/L	100				65	126	

CHEMTECH

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: I2902

Client: PARSONS MAIN of NEW YORK, INC.

Analytical Method: SW8260-Low

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID : I2902-10MSD		**Client Sample ID :** MW-11BMSD						**Datafile :**	VN040456.D		
Benzene	50	0.44	47.3	ug/L	94		1		62	134	20
Toluene	50	1.5	50.7	ug/L	98		2		68	129	20
Ethyl Benzene	50	1.3	49.5	ug/L	96		2		61	131	20
m/p-Xylenes	100	9.7	110	ug/L	100		0		64	125	20
o-Xylene	50	3.6	52.8	ug/L	98		2		65	126	20

CHEMTECH

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: I2902

Client: PARSONS MAIN of NEW YORK, INC.

Analytical Method: SW8260-Low **Datafile :** VN040436.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0428WBS02	Benzene	20	20	ug/L	100			75	125	
	Toluene	20	19.7	ug/L	99			74	125	
	Ethyl Benzene	20	18.8	ug/L	94			75	126	
	m/p-Xylenes	40	38	ug/L	95			74	126	
	o-Xylene	20	19.3	ug/L	97			73	127	

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VN0428WBL03

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: I2902 SAS No.: I2902 SDG NO.: I2902

Lab File ID: VN040435.D Lab Sample ID: VN0428WBL03

Date Analyzed: 04/28/2017 Time Analyzed: 21:47

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_N

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VN0428WBS02	VN0428WBS02	VN040436.D	04/28/2017
TB-42617	I2902-12	VN040437.D	04/28/2017
FB-42617	I2902-14	VN040438.D	04/28/2017
EQUIPBLANK	I2902-13	VN040439.D	04/28/2017
MW-1B	I2902-01	VN040440.D	04/28/2017
MW-6B	I2902-04	VN040441.D	04/29/2017
MW-7BS	I2902-05	VN040442.D	04/29/2017
MW-9B	I2902-07	VN040443.D	04/29/2017
MW-11B	I2902-08	VN040444.D	04/29/2017
MW-12B	I2902-11	VN040445.D	04/29/2017
MW-2B	I2902-02	VN040446.D	04/29/2017
MW-3B	I2902-03	VN040448.D	04/29/2017
MW-3BDL	I2902-03DL	VN040449.D	04/29/2017
MW-7BD	I2902-06	VN040450.D	04/29/2017
MW-7BDDL	I2902-06DL	VN040451.D	04/29/2017
MW-11BMS	I2902-09MS	VN040455.D	04/29/2017
MW-11BMSD	I2902-10MSD	VN040456.D	04/29/2017

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: I2902 SAS No.: I2902 SDG NO.: I2902

Lab File ID: VN040260.D BFB Injection Date: 04/24/2017

Instrument ID: MSVOA_N BFB Injection Time: 12:59

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.6
75	30.0 - 60.0% of mass 95	50.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.8 (1.1) 1
174	50.0 - 100.0% of mass 95	76.4
175	5.0 - 9.0% of mass 174	5.5 (7.1) 1
176	95.0 - 101.0% of mass 174	72.7 (95.1) 1
177	5.0 - 9.0% of mass 176	4.7 (6.5) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VN040261.D	04/24/2017	13:36
VSTDICC005	VSTDICC005	VN040262.D	04/24/2017	14:01
VSTDICC020	VSTDICC020	VN040263.D	04/24/2017	14:27
VSTDICCC050	VSTDICCC050	VN040264.D	04/24/2017	14:52
VSTDICC100	VSTDICC100	VN040265.D	04/24/2017	15:17
VSTDICC200	VSTDICC200	VN040266.D	04/24/2017	15:41

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: I2902 SAS No.: I2902 SDG NO.: I2902

Lab File ID: VN040405.D BFB Injection Date: 04/28/2017

Instrument ID: MSVOA_N BFB Injection Time: 08:51

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.7
75	30.0 - 60.0% of mass 95	52.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.7 (0.9) 1
174	50.0 - 100.0% of mass 95	77.9
175	5.0 - 9.0% of mass 174	6.1 (7.8) 1
176	95.0 - 101.0% of mass 174	75.4 (96.9) 1
177	5.0 - 9.0% of mass 176	4.9 (6.5) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN040406.D	04/28/2017	09:29

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: I2902 SAS No.: I2902 SDG NO.: I2902

Lab File ID: VN040432.D BFB Injection Date: 04/28/2017

Instrument ID: MSVOA_N BFB Injection Time: 20:32

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.7
75	30.0 - 60.0% of mass 95	51.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.7 (0.9) 1
174	50.0 - 100.0% of mass 95	79.2
175	5.0 - 9.0% of mass 174	5.7 (7.1) 1
176	95.0 - 101.0% of mass 174	75.7 (95.5) 1
177	5.0 - 9.0% of mass 176	4.7 (6.3) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN040433.D	04/28/2017	20:57
VN0428WBL03	VN0428WBL03	VN040435.D	04/28/2017	21:47
VN0428WBS02	VN0428WBS02	VN040436.D	04/28/2017	22:11
TB-42617	I2902-12	VN040437.D	04/28/2017	22:36
FB-42617	I2902-14	VN040438.D	04/28/2017	23:01
EQUIPBLANK	I2902-13	VN040439.D	04/28/2017	23:26
MW-1B	I2902-01	VN040440.D	04/28/2017	23:51
MW-6B	I2902-04	VN040441.D	04/29/2017	00:16
MW-7BS	I2902-05	VN040442.D	04/29/2017	00:40
MW-9B	I2902-07	VN040443.D	04/29/2017	01:05
MW-11B	I2902-08	VN040444.D	04/29/2017	01:30
MW-12B	I2902-11	VN040445.D	04/29/2017	01:55
MW-2B	I2902-02	VN040446.D	04/29/2017	02:20
MW-3B	I2902-03	VN040448.D	04/29/2017	03:09
MW-3BDL	I2902-03DL	VN040449.D	04/29/2017	03:34
MW-7BD	I2902-06	VN040450.D	04/29/2017	03:59
MW-7BDDL	I2902-06DL	VN040451.D	04/29/2017	04:23
MW-11BMS	I2902-09MS	VN040455.D	04/29/2017	06:02
MW-11BMSD	I2902-10MSD	VN040456.D	04/29/2017	06:27

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: I2902 SAS No.: I2902 SDG NO.: I2902

Lab File ID: VN040264.D Date Analyzed: 04/24/2017

Instrument ID: MSVOA_N Time Analyzed: 14:52

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	1049120	7.86	1783910	8.77	1577350	11.58
UPPER LIMIT	2098240	8.36	3567820	9.27	3154700	12.08
LOWER LIMIT	524560	7.36	891955	8.27	788675	11.08
EPA SAMPLE NO.						
TB-42617	1039640	7.86	1821760	8.77	1619900	11.58
EQUIPBLANK	1027470	7.86	1841020	8.77	1636210	11.58
FB-42617	980214	7.86	1739410	8.77	1578310	11.58
VN0428WBL03	1060500	7.86	1894410	8.77	1705700	11.58
VN0428WBS02	1142370	7.86	2002230	8.77	1759260	11.58
MW-1B	1116600	7.86	1995590	8.77	1854440	11.58
MW-2B	1164290	7.86	2081260	8.77	1939520	11.58
MW-3B	1236260	7.86	2138670	8.77	1930510	11.58
MW-3BDL	1226940	7.86	2146230	8.78	1898420	11.58
MW-6B	1040470	7.86	1891340	8.77	1702200	11.58
MW-7BS	1151630	7.86	1969440	8.77	1737810	11.58
MW-7BD	1308780	7.86	2290480	8.77	2062810	11.58
MW-7BDDL	1339190	7.86	2284720	8.77	2088360	11.58
MW-9B	1172280	7.86	2039210	8.77	1827140	11.58
MW-11B	1102790	7.86	1943980	8.77	1831480	11.58
MW-11BMS	1502350	7.86	2570270	8.77	2309300	11.58
MW-11BMSD	1489710	7.86	2591130	8.77	2300700	11.58
MW-12B	1228260	7.86	2176820	8.77	1922970	11.58

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: I2902 SAS No.: I2902 SDG NO.: I2902

Lab File ID: VN040264.D Date Analyzed: 04/24/2017

Instrument ID: MSVOA_N Time Analyzed: 14:52

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	1049120	7.86	1783910	8.77	1577350	11.58
UPPER LIMIT	2098240	8.36	3567820	9.27	3154700	12.08
LOWER LIMIT	524560	7.36	891955	8.27	788675	11.08
EPA SAMPLE NO.						

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: I2902 SAS No.: I2902 SDG NO.: I2902

Lab File ID: VN040264.D Date Analyzed: 04/24/2017

Instrument ID: MSVOA_N Time Analyzed: 14:52

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	716258	13.52				
UPPER LIMIT	1432520	14.02				
LOWER LIMIT	358129	13.02				
EPA SAMPLE NO.						
MW-11BMSD	1002820	13.52				
MW-12B	691873	13.52				
TB-42617	518346	13.52				
EQUIPBLANK	547966	13.52				
FB-42617	537994	13.52				
VN0428WBL03	577673	13.52				
VN0428WBS02	743158	13.52				
MW-1B	609433	13.52				
MW-2B	895404	13.52				
MW-3B	847024	13.52				
MW-3BDL	790199	13.52				
MW-6B	792206	13.52				
MW-7BS	661199	13.52				
MW-7BD	1026820	13.52				
MW-7BDDL	933297	13.52				
MW-9B	665206	13.52				
MW-11B	800635	13.52				
MW-11BMS	1002720	13.52				

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: I2902 SAS No.: I2902 SDG NO.: I2902

Lab File ID: VN040264.D Date Analyzed: 04/24/2017

Instrument ID: MSVOA_N Time Analyzed: 14:52

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	716258	13.52				
UPPER LIMIT	1432520	14.02				
LOWER LIMIT	358129	13.02				
EPA SAMPLE NO.						

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

QC SAMPLE DATA

Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	
Project:	NYSEG - Bridge St.	Date Received:	
Client Sample ID:	VN0428WBL03	SDG No.:	I2902
Lab Sample ID:	VN0428WBL03	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN040435.D	1		04/28/17 21:47	VN042817

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
71-43-2	Benzene	1	U	0.2	0.2	1	ug/L
108-88-3	Toluene	1	U	0.2	0.2	1	ug/L
100-41-4	Ethyl Benzene	1	U	0.2	0.2	1	ug/L
179601-23-1	m/p-Xylenes	2	U	0.4	0.4	2	ug/L
95-47-6	o-Xylene	1	U	0.2	0.2	1	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	49		61 - 141		98%	SPK: 50
1868-53-7	Dibromofluoromethane	47.9		69 - 133		96%	SPK: 50
2037-26-5	Toluene-d8	50.1		65 - 126		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.8		58 - 135		90%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	1060500	7.86				
540-36-3	1,4-Difluorobenzene	1894410	8.77				
3114-55-4	Chlorobenzene-d5	1705700	11.58				
3855-82-1	1,4-Dichlorobenzene-d4	577673	13.52				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	
Project:	NYSEG - Bridge St.	Date Received:	
Client Sample ID:	VN0428WBS02	SDG No.:	I2902
Lab Sample ID:	VN0428WBS02	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN040436.D	1		04/28/17 22:11	VN042817

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
71-43-2	Benzene	20		0.2	0.2	1	ug/L
108-88-3	Toluene	19.7		0.2	0.2	1	ug/L
100-41-4	Ethyl Benzene	18.8		0.2	0.2	1	ug/L
179601-23-1	m/p-Xylenes	38		0.4	0.4	2	ug/L
95-47-6	o-Xylene	19.3		0.2	0.2	1	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	46.8		61 - 141		94%	SPK: 50
1868-53-7	Dibromofluoromethane	45.5		69 - 133		91%	SPK: 50
2037-26-5	Toluene-d8	46.6		65 - 126		93%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.1		58 - 135		90%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	1142370	7.86				
540-36-3	1,4-Difluorobenzene	2002230	8.77				
3114-55-4	Chlorobenzene-d5	1759260	11.58				
3855-82-1	1,4-Dichlorobenzene-d4	743158	13.52				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

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Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	04/26/17
Project:	NYSEG - Bridge St.	Date Received:	04/28/17
Client Sample ID:	MW-11BMS	SDG No.:	I2902
Lab Sample ID:	I2902-09MS	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN040455.D	1		04/29/17 06:02	VN042817

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
71-43-2	Benzene	47.9		0.2	0.2	1	ug/L
108-88-3	Toluene	51.6		0.2	0.2	1	ug/L
100-41-4	Ethyl Benzene	50.1		0.2	0.2	1	ug/L
179601-23-1	m/p-Xylenes	110		0.4	0.4	2	ug/L
95-47-6	o-Xylene	53.4		0.2	0.2	1	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	45.1		61 - 141		90%	SPK: 50
1868-53-7	Dibromofluoromethane	46.6		69 - 133		93%	SPK: 50
2037-26-5	Toluene-d8	47.7		65 - 126		95%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.2		58 - 135		98%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	1502350	7.86				
540-36-3	1,4-Difluorobenzene	2570270	8.77				
3114-55-4	Chlorobenzene-d5	2309300	11.58				
3855-82-1	1,4-Dichlorobenzene-d4	1002720	13.52				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

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Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	04/26/17
Project:	NYSEG - Bridge St.	Date Received:	04/28/17
Client Sample ID:	MW-11BMSD	SDG No.:	I2902
Lab Sample ID:	I2902-10MSD	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN040456.D	1		04/29/17 06:27	VN042817

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
71-43-2	Benzene	47.3		0.2	0.2	1	ug/L
108-88-3	Toluene	50.7		0.2	0.2	1	ug/L
100-41-4	Ethyl Benzene	49.5		0.2	0.2	1	ug/L
179601-23-1	m/p-Xylenes	110		0.4	0.4	2	ug/L
95-47-6	o-Xylene	52.8		0.2	0.2	1	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	44.4		61 - 141		89%	SPK: 50
1868-53-7	Dibromofluoromethane	45.1		69 - 133		90%	SPK: 50
2037-26-5	Toluene-d8	46.4		65 - 126		93%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.8		58 - 135		96%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	1489710	7.86				
540-36-3	1,4-Difluorobenzene	2591130	8.77				
3114-55-4	Chlorobenzene-d5	2300700	11.58				
3855-82-1	1,4-Dichlorobenzene-d4	1002820	13.52				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

CALIBRATION SUMMARY

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: I2902 SAS No.: I2902 SDG No.: I2902

Instrument ID: MSVOA_N Calibration Date(s): 04/24/2017 04/24/2017

Heated Purge: (Y/N) N Calibration Time(s): 13:36 15:41

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF001 = VN040261.D RRF005 = VN040262.D RRF020 = VN040263.D
RRF050 = VN040264.D RRF100 = VN040265.D RRF200 = VN040266.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF200	$\overline{RRF}$	% RSD
Benzene	1.408	1.450	1.479	1.473	1.473	1.454	1.456	1.8
Toluene	0.762	0.816	0.871	0.892	0.888	0.883	0.852	6.1
Ethyl Benzene	1.708	1.809	1.890	1.937	1.920	1.937	1.867	4.9
m/p-Xylenes	0.613	0.666	0.711	0.736	0.728	0.736	0.698	7
o-Xylene	0.590	0.655	0.692	0.712	0.703	0.714	0.678	7.1
1,2-Dichloroethane-d4	0.783	0.712	0.631	0.664	0.669	0.642	0.684	8.2
Dibromofluoromethane	0.352	0.333	0.315	0.326	0.326	0.315	0.328	4.2
Toluene-d8	1.257	1.183	1.167	1.267	1.265	1.236	1.229	3.6
4-Bromofluorobenzene	0.450	0.347	0.373	0.416	0.413	0.413	0.402	9

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: I2902 SAS No.: I2902 SDG No.: I2902

Instrument ID: MSVOA_N Calibration Date/Time: 04/28/2017 09:29

Lab File ID: VN040406.D Init. Calib. Date(s): 04/24/2017 04/24/2017

Heated Purge: (Y/N) N Init. Calib. Time(s): 13:36 15:41

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Benzene	1.456	1.446		-0.69	20
Toluene	0.852	0.865		1.53	20
Ethyl Benzene	1.867	1.849		-0.96	20
m/p-Xylenes	0.698	0.712		2.01	20
o-Xylene	0.678	0.678		0	20
1,2-Dichloroethane-d4	0.684	0.581		-15.06	20
Dibromofluoromethane	0.328	0.299		-8.84	20
Toluene-d8	1.229	1.158		-5.78	20
4-Bromofluorobenzene	0.402	0.394		-1.99	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: I2902 SAS No.: I2902 SDG No.: I2902

Instrument ID: MSVOA_N Calibration Date/Time: 04/28/2017 20:57

Lab File ID: VN040433.D Init. Calib. Date(s): 04/24/2017 04/24/2017

Heated Purge: (Y/N) N Init. Calib. Time(s): 13:36 15:41

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Benzene	1.456	1.480		1.65	20
Toluene	0.852	0.873		2.46	20
Ethyl Benzene	1.867	1.859		-0.43	20
m/p-Xylenes	0.698	0.704		0.86	20
o-Xylene	0.678	0.680		0.29	20
1,2-Dichloroethane-d4	0.684	0.641		-6.29	20
Dibromofluoromethane	0.328	0.303		-7.62	20
Toluene-d8	1.229	1.163		-5.37	20
4-Bromofluorobenzene	0.402	0.389		-3.23	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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LAB CHRONICLE

OrderID:	I2902	**OrderDate:**	4/28/2017 11:05:25 AM
Client:	PARSONS MAIN of NEW YORK, INC.	**Project:**	NYSEG - Bridge St.
Contact:	Paul Roth	**Location:**	D21

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
I2902-01	**MW-1B**	**Water**			**04/26/17**			**04/28/17**
			SVOCMS Group1	8270D		04/29/17	05/01/17	
I2902-02	**MW-2B**	**Water**			**04/26/17**			**04/28/17**
			SVOCMS Group1	8270D		04/29/17	05/01/17	
I2902-03	**MW-3B**	**Water**			**04/26/17**			**04/28/17**
			SVOCMS Group1	8270D		04/29/17	05/01/17	
I2902-03DL	**MW-3BDL**	**Water**			**04/26/17**			**04/28/17**
			SVOCMS Group1	8270D		04/29/17	05/01/17	
I2902-04	**MW-6B**	**Water**			**04/27/17**			**04/28/17**
			SVOCMS Group1	8270D		04/29/17	05/01/17	
I2902-05	**MW-7BS**	**Water**			**04/27/17**			**04/28/17**
			SVOCMS Group1	8270D		04/29/17	05/01/17	
I2902-06	**MW-7BD**	**Water**			**04/27/17**			**04/28/17**
			SVOCMS Group1	8270D		04/29/17	05/01/17	
I2902-07	**MW-9B**	**Water**			**04/27/17**			**04/28/17**
			SVOCMS Group1	8270D		04/29/17	05/01/17	
I2902-08	**MW-11B**	**Water**			**04/26/17**			**04/28/17**
			SVOCMS Group1	8270D		04/29/17	04/30/17	
I2902-11	**MW-12B**	**Water**			**04/27/17**			**04/28/17**
			SVOCMS Group1	8270D		04/29/17	05/01/17	
I2902-13	**EQUIPBLANK**	**Water**			**04/26/17**			**04/28/17**
			SVOCMS Group1	8270D		04/29/17	04/30/17	

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Hit Summary Sheet
SW-846

SDG No.: I2902

Client: PARSONS MAIN of NEW YORK, INC.

Sample ID	Client ID		Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : MW-2B									
I2902-02	MW-2B	WATER	Naphthalene	800.000		1.2	10.1	100	ug/L
I2902-02	MW-2B	WATER	Acenaphthylene	170.000		7.1	10.1	100	ug/L
I2902-02	MW-2B	WATER	Acenaphthene	50.400	J	2.1	10.1	100	ug/L
I2902-02	MW-2B	WATER	Fluorene	77.000	J	3.1	10.1	100	ug/L
I2902-02	MW-2B	WATER	Phenanthrene	230.000		2.6	10.1	100	ug/L
I2902-02	MW-2B	WATER	Anthracene	34.600	J	1.6	10.1	100	ug/L
I2902-02	MW-2B	WATER	Fluoranthene	56.200	J	4	10.1	100	ug/L
I2902-02	MW-2B	WATER	Pyrene	84.700	J	2	10.1	100	ug/L
			Total Svoc :	**1,502.90**					
			Total Concentration:	**1,502.90**					
Client ID : MW-3B									
I2902-03	MW-3B	WATER	Naphthalene	330.000	E	0.12	1	10	ug/L
I2902-03	MW-3B	WATER	Acenaphthylene	3.700	J	0.7	1	10	ug/L
I2902-03	MW-3B	WATER	Acenaphthene	51.500		0.21	1	10	ug/L
I2902-03	MW-3B	WATER	Fluorene	12.000		0.31	1	10	ug/L
I2902-03	MW-3B	WATER	Phenanthrene	15.400		0.26	1	10	ug/L
			Total Svoc :	**412.60**					
			Total Concentration:	**412.60**					
Client ID : MW-3BDL									
I2902-03DL	MW-3BDL	WATER	Naphthalene	650.000	D	1.2	10	100	ug/L
I2902-03DL	MW-3BDL	WATER	Acenaphthene	64.400	JD	2.1	10	100	ug/L
			Total Svoc :	**714.40**					
			Total Concentration:	**714.40**					
Client ID : MW-6B									
I2902-04	MW-6B	WATER	Naphthalene	110.000		0.24	2	20.2	ug/L
I2902-04	MW-6B	WATER	Acenaphthylene	50.000		1.4	2	20.2	ug/L
I2902-04	MW-6B	WATER	Acenaphthene	8.700	J	0.42	2	20.2	ug/L
I2902-04	MW-6B	WATER	Fluorene	16.000	J	0.63	2	20.2	ug/L
I2902-04	MW-6B	WATER	Phenanthrene	39.500		0.53	2	20.2	ug/L
I2902-04	MW-6B	WATER	Anthracene	9.000	J	0.32	2	20.2	ug/L
I2902-04	MW-6B	WATER	Fluoranthene	15.400	J	0.81	2	20.2	ug/L
I2902-04	MW-6B	WATER	Pyrene	20.200		0.4	2	20.2	ug/L
I2902-04	MW-6B	WATER	Benzo(a)anthracene	4.500	J	0.32	2	20.2	ug/L
I2902-04	MW-6B	WATER	Chrysene	4.200	J	0.36	2	20.2	ug/L
I2902-04	MW-6B	WATER	Benzo(a)pyrene	4.300	J	0.28	2	20.2	ug/L
			Total Svoc :	**281.80**					
			Total Concentration:	**281.80**					

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Hit Summary Sheet
SW-846

SDG No.: I2902

Client: PARSONS MAIN of NEW YORK, INC.

Sample ID	Client ID		Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : MW-7BS									
I2902-05	MW-7BS	WATER	Naphthalene	7.400	J	0.12	1	10.2	ug/L
I2902-05	MW-7BS	WATER	Acenaphthylene	4.200	J	0.71	1	10.2	ug/L
I2902-05	MW-7BS	WATER	Acenaphthene	12.500		0.21	1	10.2	ug/L
I2902-05	MW-7BS	WATER	Fluorene	4.400	J	0.32	1	10.2	ug/L
I2902-05	MW-7BS	WATER	Phenanthrene	12.100		0.27	1	10.2	ug/L
			Total Svoc :	**40.60**					
			Total Concentration:	**40.60**					
Client ID : MW-7BD									
I2902-06	MW-7BD	WATER	Naphthalene	4,900.000		12	100	1000	ug/L
			Total Svoc :	**4,900.00**					
			Total Concentration:	**4,900.00**					
Client ID : MW-11B									
I2902-08	MW-11B	WATER	Naphthalene	8.800	J	0.12	1	10	ug/L
I2902-08	MW-11B	WATER	Acenaphthylene	11.900		0.7	1	10	ug/L
I2902-08	MW-11B	WATER	Acenaphthene	11.800		0.21	1	10	ug/L
I2902-08	MW-11B	WATER	Fluorene	7.500	J	0.31	1	10	ug/L
I2902-08	MW-11B	WATER	Phenanthrene	32.300		0.26	1	10	ug/L
I2902-08	MW-11B	WATER	Anthracene	7.100	J	0.16	1	10	ug/L
I2902-08	MW-11B	WATER	Fluoranthene	4.700	J	0.4	1	10	ug/L
I2902-08	MW-11B	WATER	Pyrene	9.900	J	0.2	1	10	ug/L
I2902-08	MW-11B	WATER	Benzo(a)anthracene	2.700	J	0.16	1	10	ug/L
I2902-08	MW-11B	WATER	Chrysene	2.800	J	0.18	1	10	ug/L
			Total Svoc :	**99.50**					
			Total Concentration:	**99.50**					

SAMPLE DATA

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Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	04/26/17
Project:	NYSEG - Bridge St.	Date Received:	04/28/17
Client Sample ID:	MW-1B	SDG No.:	I2902
Lab Sample ID:	I2902-01	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF094736.D	1	04/29/17 08:19	05/01/17 02:25	PB98571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
91-20-3	Naphthalene	10	U	0.12	1	10	ug/L
208-96-8	Acenaphthylene	10	U	0.7	1	10	ug/L
83-32-9	Acenaphthene	10	U	0.21	1	10	ug/L
86-73-7	Fluorene	10	U	0.31	1	10	ug/L
85-01-8	Phenanthrene	10	U	0.26	1	10	ug/L
120-12-7	Anthracene	10	U	0.16	1	10	ug/L
206-44-0	Fluoranthene	10	U	0.4	1	10	ug/L
129-00-0	Pyrene	10	U	0.2	1	10	ug/L
56-55-3	Benzo(a)anthracene	10	U	0.16	1	10	ug/L
218-01-9	Chrysene	10	U	0.18	1	10	ug/L
205-99-2	Benzo(b)fluoranthene	10	U	0.29	1	10	ug/L
207-08-9	Benzo(k)fluoranthene	10	U	0.18	1	10	ug/L
50-32-8	Benzo(a)pyrene	10	U	0.14	1	10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	0.15	1	10	ug/L
53-70-3	Dibenzo(a,h)anthracene	10	U	0.42	1	10	ug/L
191-24-2	Benzo(g,h,i)perylene	10	U	0.29	1	10	ug/L
SURROGATES							
4165-60-0	Nitrobenzene-d5	84		36 - 131		84%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.6		39 - 131		85%	SPK: 100
1718-51-0	Terphenyl-d14	95.2		23 - 130		95%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	109177	5.76				
1146-65-2	Naphthalene-d8	449578	7.25				
15067-26-2	Acenaphthene-d10	209092	9.39				
1517-22-2	Phenanthrene-d10	353670	11.21				
1719-03-5	Chrysene-d12	232269	14.47				
1520-96-3	Perylene-d12	197678	16.09				

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Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	04/26/17
Project:	NYSEG - Bridge St.	Date Received:	04/28/17
Client Sample ID:	MW-1B	SDG No.:	I2902
Lab Sample ID:	I2902-01	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF094736.D	1	04/29/17 08:19	05/01/17 02:25	PB98571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

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Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	04/26/17
Project:	NYSEG - Bridge St.	Date Received:	04/28/17
Client Sample ID:	MW-2B	SDG No.:	I2902
Lab Sample ID:	I2902-02	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF094749.D	10	04/29/17 08:19	05/01/17 14:17	PB98571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
91-20-3	Naphthalene	800		1.2	10.1	100	ug/L
208-96-8	Acenaphthylene	170		7.1	10.1	100	ug/L
83-32-9	Acenaphthene	50.4	J	2.1	10.1	100	ug/L
86-73-7	Fluorene	77	J	3.1	10.1	100	ug/L
85-01-8	Phenanthrene	230		2.6	10.1	100	ug/L
120-12-7	Anthracene	34.6	J	1.6	10.1	100	ug/L
206-44-0	Fluoranthene	56.2	J	4	10.1	100	ug/L
129-00-0	Pyrene	84.7	J	2	10.1	100	ug/L
56-55-3	Benzo(a)anthracene	100	U	1.6	10.1	100	ug/L
218-01-9	Chrysene	100	U	1.8	10.1	100	ug/L
205-99-2	Benzo(b)fluoranthene	100	U	2.9	10.1	100	ug/L
207-08-9	Benzo(k)fluoranthene	100	U	1.8	10.1	100	ug/L
50-32-8	Benzo(a)pyrene	100	U	1.4	10.1	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	100	U	1.5	10.1	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	100	U	4.2	10.1	100	ug/L
191-24-2	Benzo(g,h,i)perylene	100	U	2.9	10.1	100	ug/L
SURROGATES							
4165-60-0	Nitrobenzene-d5	110		36 - 131		107%	SPK: 100
321-60-8	2-Fluorobiphenyl	120		39 - 131		124%	SPK: 100
1718-51-0	Terphenyl-d14	140	*	23 - 130		144%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	107865	5.76				
1146-65-2	Naphthalene-d8	427945	7.25				
15067-26-2	Acenaphthene-d10	203324	9.39				
1517-22-2	Phenanthrene-d10	337586	11.21				
1719-03-5	Chrysene-d12	251708	14.47				
1520-96-3	Perylene-d12	179534	16.09				

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Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	04/26/17
Project:	NYSEG - Bridge St.	Date Received:	04/28/17
Client Sample ID:	MW-2B	SDG No.:	I2902
Lab Sample ID:	I2902-02	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF094749.D	10	04/29/17 08:19	05/01/17 14:17	PB98571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

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Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	04/26/17
Project:	NYSEG - Bridge St.	Date Received:	04/28/17
Client Sample ID:	MW-3B	SDG No.:	I2902
Lab Sample ID:	I2902-03	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF094737.D	1	04/29/17 08:19	05/01/17 02:52	PB98571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
91-20-3	Naphthalene	330	E	0.12	1	10	ug/L
208-96-8	Acenaphthylene	3.7	J	0.7	1	10	ug/L
83-32-9	Acenaphthene	51.5		0.21	1	10	ug/L
86-73-7	Fluorene	12		0.31	1	10	ug/L
85-01-8	Phenanthrene	15.4		0.26	1	10	ug/L
120-12-7	Anthracene	10	U	0.16	1	10	ug/L
206-44-0	Fluoranthene	10	U	0.4	1	10	ug/L
129-00-0	Pyrene	10	U	0.2	1	10	ug/L
56-55-3	Benzo(a)anthracene	10	U	0.16	1	10	ug/L
218-01-9	Chrysene	10	U	0.18	1	10	ug/L
205-99-2	Benzo(b)fluoranthene	10	U	0.29	1	10	ug/L
207-08-9	Benzo(k)fluoranthene	10	U	0.18	1	10	ug/L
50-32-8	Benzo(a)pyrene	10	U	0.14	1	10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	0.15	1	10	ug/L
53-70-3	Dibenzo(a,h)anthracene	10	U	0.42	1	10	ug/L
191-24-2	Benzo(g,h,i)perylene	10	U	0.29	1	10	ug/L
SURROGATES							
4165-60-0	Nitrobenzene-d5	94.1		36 - 131		94%	SPK: 100
321-60-8	2-Fluorobiphenyl	90.5		39 - 131		90%	SPK: 100
1718-51-0	Terphenyl-d14	97.7		23 - 130		98%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	108556	5.77				
1146-65-2	Naphthalene-d8	431299	7.27				
15067-26-2	Acenaphthene-d10	204994	9.39				
1517-22-2	Phenanthrene-d10	339895	11.21				
1719-03-5	Chrysene-d12	229862	14.47				
1520-96-3	Perylene-d12	213092	16.09				

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Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	04/26/17
Project:	NYSEG - Bridge St.	Date Received:	04/28/17
Client Sample ID:	MW-3B	SDG No.:	I2902
Lab Sample ID:	I2902-03	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF094737.D	1	04/29/17 08:19	05/01/17 02:52	PB98571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

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Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	04/26/17
Project:	NYSEG - Bridge St.	Date Received:	04/28/17
Client Sample ID:	MW-3BDL	SDG No.:	I2902
Lab Sample ID:	I2902-03DL	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF094751.D	10	04/29/17 08:19	05/01/17 15:12	PB98571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
91-20-3	Naphthalene	650	D	1.2	10	100	ug/L
208-96-8	Acenaphthylene	100	UD	7	10	100	ug/L
83-32-9	Acenaphthene	64.4	JD	2.1	10	100	ug/L
86-73-7	Fluorene	100	UD	3.1	10	100	ug/L
85-01-8	Phenanthrene	100	UD	2.6	10	100	ug/L
120-12-7	Anthracene	100	UD	1.6	10	100	ug/L
206-44-0	Fluoranthene	100	UD	4	10	100	ug/L
129-00-0	Pyrene	100	UD	2	10	100	ug/L
56-55-3	Benzo(a)anthracene	100	UD	1.6	10	100	ug/L
218-01-9	Chrysene	100	UD	1.8	10	100	ug/L
205-99-2	Benzo(b)fluoranthene	100	UD	2.9	10	100	ug/L
207-08-9	Benzo(k)fluoranthene	100	UD	1.8	10	100	ug/L
50-32-8	Benzo(a)pyrene	100	UD	1.4	10	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	100	UD	1.5	10	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	100	UD	4.2	10	100	ug/L
191-24-2	Benzo(g,h,i)perylene	100	UD	2.9	10	100	ug/L
SURROGATES							
4165-60-0	Nitrobenzene-d5	110		36 - 131		106%	SPK: 100
321-60-8	2-Fluorobiphenyl	120		39 - 131		122%	SPK: 100
1718-51-0	Terphenyl-d14	130		23 - 130		127%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	102495	5.76				
1146-65-2	Naphthalene-d8	410626	7.25				
15067-26-2	Acenaphthene-d10	194778	9.39				
1517-22-2	Phenanthrene-d10	326966	11.21				
1719-03-5	Chrysene-d12	255085	14.47				
1520-96-3	Perylene-d12	174660	16.09				

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Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	04/26/17
Project:	NYSEG - Bridge St.	Date Received:	04/28/17
Client Sample ID:	MW-3BDL	SDG No.:	I2902
Lab Sample ID:	I2902-03DL	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF094751.D	10	04/29/17 08:19	05/01/17 15:12	PB98571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

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Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	04/27/17
Project:	NYSEG - Bridge St.	Date Received:	04/28/17
Client Sample ID:	MW-6B	SDG No.:	I2902
Lab Sample ID:	I2902-04	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF094748.D	2	04/29/17 08:19	05/01/17 13:47	PB98571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
91-20-3	Naphthalene	110		0.24	2	20.2	ug/L
208-96-8	Acenaphthylene	50		1.4	2	20.2	ug/L
83-32-9	Acenaphthene	8.7	J	0.42	2	20.2	ug/L
86-73-7	Fluorene	16	J	0.63	2	20.2	ug/L
85-01-8	Phenanthrene	39.5		0.53	2	20.2	ug/L
120-12-7	Anthracene	9	J	0.32	2	20.2	ug/L
206-44-0	Fluoranthene	15.4	J	0.81	2	20.2	ug/L
129-00-0	Pyrene	20.2		0.4	2	20.2	ug/L
56-55-3	Benzo(a)anthracene	4.5	J	0.32	2	20.2	ug/L
218-01-9	Chrysene	4.2	J	0.36	2	20.2	ug/L
205-99-2	Benzo(b)fluoranthene	20.2	U	0.59	2	20.2	ug/L
207-08-9	Benzo(k)fluoranthene	20.2	U	0.36	2	20.2	ug/L
50-32-8	Benzo(a)pyrene	4.3	J	0.28	2	20.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20.2	U	0.3	2	20.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	20.2	U	0.85	2	20.2	ug/L
191-24-2	Benzo(g,h,i)perylene	20.2	U	0.59	2	20.2	ug/L
SURROGATES							
4165-60-0	Nitrobenzene-d5	23.1	*	36 - 131		23%	SPK: 100
321-60-8	2-Fluorobiphenyl	25.2	*	39 - 131		25%	SPK: 100
1718-51-0	Terphenyl-d14	26.4		23 - 130		26%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	107429	5.76				
1146-65-2	Naphthalene-d8	400182	7.25				
15067-26-2	Acenaphthene-d10	186292	9.39				
1517-22-2	Phenanthrene-d10	322961	11.21				
1719-03-5	Chrysene-d12	262112	14.47				
1520-96-3	Perylene-d12	191050	16.09				

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Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	04/27/17
Project:	NYSEG - Bridge St.	Date Received:	04/28/17
Client Sample ID:	MW-6B	SDG No.:	I2902
Lab Sample ID:	I2902-04	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF094748.D	2	04/29/17 08:19	05/01/17 13:47	PB98571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
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J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
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D = Dilution
() = Laboratory InHouse Limit

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Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	04/27/17
Project:	NYSEG - Bridge St.	Date Received:	04/28/17
Client Sample ID:	MW-7BS	SDG No.:	I2902
Lab Sample ID:	I2902-05	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF094738.D	1	04/29/17 08:19	05/01/17 03:19	PB98571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
91-20-3	Naphthalene	7.4	J	0.12	1	10.2	ug/L
208-96-8	Acenaphthylene	4.2	J	0.71	1	10.2	ug/L
83-32-9	Acenaphthene	12.5		0.21	1	10.2	ug/L
86-73-7	Fluorene	4.4	J	0.32	1	10.2	ug/L
85-01-8	Phenanthrene	12.1		0.27	1	10.2	ug/L
120-12-7	Anthracene	10.2	U	0.16	1	10.2	ug/L
206-44-0	Fluoranthene	10.2	U	0.41	1	10.2	ug/L
129-00-0	Pyrene	10.2	U	0.2	1	10.2	ug/L
56-55-3	Benzo(a)anthracene	10.2	U	0.16	1	10.2	ug/L
218-01-9	Chrysene	10.2	U	0.18	1	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	10.2	U	0.3	1	10.2	ug/L
207-08-9	Benzo(k)fluoranthene	10.2	U	0.18	1	10.2	ug/L
50-32-8	Benzo(a)pyrene	10.2	U	0.14	1	10.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	0.15	1	10.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	10.2	U	0.43	1	10.2	ug/L
191-24-2	Benzo(g,h,i)perylene	10.2	U	0.3	1	10.2	ug/L
SURROGATES							
4165-60-0	Nitrobenzene-d5	90.2		36 - 131		90%	SPK: 100
321-60-8	2-Fluorobiphenyl	86.6		39 - 131		87%	SPK: 100
1718-51-0	Terphenyl-d14	110		23 - 130		111%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	110766	5.77				
1146-65-2	Naphthalene-d8	456713	7.25				
15067-26-2	Acenaphthene-d10	217158	9.39				
1517-22-2	Phenanthrene-d10	355596	11.21				
1719-03-5	Chrysene-d12	223080	14.47				
1520-96-3	Perylene-d12	210039	16.09				

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Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	04/27/17
Project:	NYSEG - Bridge St.	Date Received:	04/28/17
Client Sample ID:	MW-7BS	SDG No.:	I2902
Lab Sample ID:	I2902-05	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF094738.D	1	04/29/17 08:19	05/01/17 03:19	PB98571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

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Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	04/27/17
Project:	NYSEG - Bridge St.	Date Received:	04/28/17
Client Sample ID:	MW-7BD	SDG No.:	I2902
Lab Sample ID:	I2902-06	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF094750.D	100	04/29/17 08:19	05/01/17 14:44	PB98571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
91-20-3	Naphthalene	4900		12	100	1000	ug/L
208-96-8	Acenaphthylene	1000	U	70	100	1000	ug/L
83-32-9	Acenaphthene	1000	U	21	100	1000	ug/L
86-73-7	Fluorene	1000	U	31	100	1000	ug/L
85-01-8	Phenanthrene	1000	U	26	100	1000	ug/L
120-12-7	Anthracene	1000	U	16	100	1000	ug/L
206-44-0	Fluoranthene	1000	U	40	100	1000	ug/L
129-00-0	Pyrene	1000	U	20	100	1000	ug/L
56-55-3	Benzo(a)anthracene	1000	U	16	100	1000	ug/L
218-01-9	Chrysene	1000	U	18	100	1000	ug/L
205-99-2	Benzo(b)fluoranthene	1000	U	29	100	1000	ug/L
207-08-9	Benzo(k)fluoranthene	1000	U	18	100	1000	ug/L
50-32-8	Benzo(a)pyrene	1000	U	14	100	1000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1000	U	15	100	1000	ug/L
53-70-3	Dibenzo(a,h)anthracene	1000	U	42	100	1000	ug/L
191-24-2	Benzo(g,h,i)perylene	1000	U	29	100	1000	ug/L
SURROGATES							
4165-60-0	Nitrobenzene-d5	160	*	36 - 131		163%	SPK: 100
321-60-8	2-Fluorobiphenyl	210	*	39 - 131		206%	SPK: 100
1718-51-0	Terphenyl-d14	250	*	23 - 130		251%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	96443	5.76				
1146-65-2	Naphthalene-d8	405919	7.25				
15067-26-2	Acenaphthene-d10	189344	9.39				
1517-22-2	Phenanthrene-d10	327196	11.21				
1719-03-5	Chrysene-d12	253470	14.46				
1520-96-3	Perylene-d12	181517	16.09				

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Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	04/27/17
Project:	NYSEG - Bridge St.	Date Received:	04/28/17
Client Sample ID:	MW-7BD	SDG No.:	I2902
Lab Sample ID:	I2902-06	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF094750.D	100	04/29/17 08:19	05/01/17 14:44	PB98571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

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Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	04/27/17
Project:	NYSEG - Bridge St.	Date Received:	04/28/17
Client Sample ID:	MW-9B	SDG No.:	I2902
Lab Sample ID:	I2902-07	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF094739.D	1	04/29/17 08:19	05/01/17 03:46	PB98571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
91-20-3	Naphthalene	10	U	0.12	1	10	ug/L
208-96-8	Acenaphthylene	10	U	0.7	1	10	ug/L
83-32-9	Acenaphthene	10	U	0.21	1	10	ug/L
86-73-7	Fluorene	10	U	0.31	1	10	ug/L
85-01-8	Phenanthrene	10	U	0.26	1	10	ug/L
120-12-7	Anthracene	10	U	0.16	1	10	ug/L
206-44-0	Fluoranthene	10	U	0.4	1	10	ug/L
129-00-0	Pyrene	10	U	0.2	1	10	ug/L
56-55-3	Benzo(a)anthracene	10	U	0.16	1	10	ug/L
218-01-9	Chrysene	10	U	0.18	1	10	ug/L
205-99-2	Benzo(b)fluoranthene	10	U	0.29	1	10	ug/L
207-08-9	Benzo(k)fluoranthene	10	U	0.18	1	10	ug/L
50-32-8	Benzo(a)pyrene	10	U	0.14	1	10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	0.15	1	10	ug/L
53-70-3	Dibenzo(a,h)anthracene	10	U	0.42	1	10	ug/L
191-24-2	Benzo(g,h,i)perylene	10	U	0.29	1	10	ug/L
SURROGATES							
4165-60-0	Nitrobenzene-d5	85.3		36 - 131		85%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.2		39 - 131		84%	SPK: 100
1718-51-0	Terphenyl-d14	100		23 - 130		103%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	113449	5.77				
1146-65-2	Naphthalene-d8	472699	7.25				
15067-26-2	Acenaphthene-d10	221979	9.39				
1517-22-2	Phenanthrene-d10	371295	11.21				
1719-03-5	Chrysene-d12	250816	14.47				
1520-96-3	Perylene-d12	225709	16.09				

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Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	04/27/17
Project:	NYSEG - Bridge St.	Date Received:	04/28/17
Client Sample ID:	MW-9B	SDG No.:	I2902
Lab Sample ID:	I2902-07	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF094739.D	1	04/29/17 08:19	05/01/17 03:46	PB98571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

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Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	04/26/17
Project:	NYSEG - Bridge St.	Date Received:	04/28/17
Client Sample ID:	MW-11B	SDG No.:	I2902
Lab Sample ID:	I2902-08	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF094729.D	1	04/29/17 08:19	04/30/17 21:52	PB98571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
91-20-3	Naphthalene	8.8	J	0.12	1	10	ug/L
208-96-8	Acenaphthylene	11.9		0.7	1	10	ug/L
83-32-9	Acenaphthene	11.8		0.21	1	10	ug/L
86-73-7	Fluorene	7.5	J	0.31	1	10	ug/L
85-01-8	Phenanthrene	32.3		0.26	1	10	ug/L
120-12-7	Anthracene	7.1	J	0.16	1	10	ug/L
206-44-0	Fluoranthene	4.7	J	0.4	1	10	ug/L
129-00-0	Pyrene	9.9	J	0.2	1	10	ug/L
56-55-3	Benzo(a)anthracene	2.7	J	0.16	1	10	ug/L
218-01-9	Chrysene	2.8	J	0.18	1	10	ug/L
205-99-2	Benzo(b)fluoranthene	10	U	0.29	1	10	ug/L
207-08-9	Benzo(k)fluoranthene	10	U	0.18	1	10	ug/L
50-32-8	Benzo(a)pyrene	10	U	0.14	1	10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	0.15	1	10	ug/L
53-70-3	Dibenzo(a,h)anthracene	10	U	0.42	1	10	ug/L
191-24-2	Benzo(g,h,i)perylene	10	U	0.29	1	10	ug/L
SURROGATES							
4165-60-0	Nitrobenzene-d5	80.9		36 - 131		81%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.2		39 - 131		80%	SPK: 100
1718-51-0	Terphenyl-d14	100		23 - 130		103%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	111015	5.76				
1146-65-2	Naphthalene-d8	452556	7.25				
15067-26-2	Acenaphthene-d10	213598	9.39				
1517-22-2	Phenanthrene-d10	356062	11.22				
1719-03-5	Chrysene-d12	234241	14.47				
1520-96-3	Perylene-d12	208440	16.09				

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Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	04/26/17
Project:	NYSEG - Bridge St.	Date Received:	04/28/17
Client Sample ID:	MW-11B	SDG No.:	I2902
Lab Sample ID:	I2902-08	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF094729.D	1	04/29/17 08:19	04/30/17 21:52	PB98571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
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J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

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Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	04/27/17
Project:	NYSEG - Bridge St.	Date Received:	04/28/17
Client Sample ID:	MW-12B	SDG No.:	I2902
Lab Sample ID:	I2902-11	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF094735.D	1	04/29/17 08:19	05/01/17 01:58	PB98571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
91-20-3	Naphthalene	10.1	U	0.12	1	10.1	ug/L
208-96-8	Acenaphthylene	10.1	U	0.71	1	10.1	ug/L
83-32-9	Acenaphthene	10.1	U	0.21	1	10.1	ug/L
86-73-7	Fluorene	10.1	U	0.31	1	10.1	ug/L
85-01-8	Phenanthrene	10.1	U	0.26	1	10.1	ug/L
120-12-7	Anthracene	10.1	U	0.16	1	10.1	ug/L
206-44-0	Fluoranthene	10.1	U	0.4	1	10.1	ug/L
129-00-0	Pyrene	10.1	U	0.2	1	10.1	ug/L
56-55-3	Benzo(a)anthracene	10.1	U	0.16	1	10.1	ug/L
218-01-9	Chrysene	10.1	U	0.18	1	10.1	ug/L
205-99-2	Benzo(b)fluoranthene	10.1	U	0.29	1	10.1	ug/L
207-08-9	Benzo(k)fluoranthene	10.1	U	0.18	1	10.1	ug/L
50-32-8	Benzo(a)pyrene	10.1	U	0.14	1	10.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.1	U	0.15	1	10.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	10.1	U	0.42	1	10.1	ug/L
191-24-2	Benzo(g,h,i)perylene	10.1	U	0.29	1	10.1	ug/L
SURROGATES							
4165-60-0	Nitrobenzene-d5	88.8		36 - 131		89%	SPK: 100
321-60-8	2-Fluorobiphenyl	87.1		39 - 131		87%	SPK: 100
1718-51-0	Terphenyl-d14	110		23 - 130		111%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	112986	5.77				
1146-65-2	Naphthalene-d8	457534	7.25				
15067-26-2	Acenaphthene-d10	213402	9.39				
1517-22-2	Phenanthrene-d10	361943	11.21				
1719-03-5	Chrysene-d12	232199	14.47				
1520-96-3	Perylene-d12	214012	16.09				

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Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	04/27/17
Project:	NYSEG - Bridge St.	Date Received:	04/28/17
Client Sample ID:	MW-12B	SDG No.:	I2902
Lab Sample ID:	I2902-11	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF094735.D	1	04/29/17 08:19	05/01/17 01:58	PB98571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
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E = Value Exceeds Calibration Range
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J = Estimated Value
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Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	04/26/17
Project:	NYSEG - Bridge St.	Date Received:	04/28/17
Client Sample ID:	EQUIPBLANK	SDG No.:	I2902
Lab Sample ID:	I2902-13	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF094732.D	1	04/29/17 08:19	04/30/17 23:14	PB98571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
91-20-3	Naphthalene	10	U	0.12	1	10	ug/L
208-96-8	Acenaphthylene	10	U	0.7	1	10	ug/L
83-32-9	Acenaphthene	10	U	0.21	1	10	ug/L
86-73-7	Fluorene	10	U	0.31	1	10	ug/L
85-01-8	Phenanthrene	10	U	0.26	1	10	ug/L
120-12-7	Anthracene	10	U	0.16	1	10	ug/L
206-44-0	Fluoranthene	10	U	0.4	1	10	ug/L
129-00-0	Pyrene	10	U	0.2	1	10	ug/L
56-55-3	Benzo(a)anthracene	10	U	0.16	1	10	ug/L
218-01-9	Chrysene	10	U	0.18	1	10	ug/L
205-99-2	Benzo(b)fluoranthene	10	U	0.29	1	10	ug/L
207-08-9	Benzo(k)fluoranthene	10	U	0.18	1	10	ug/L
50-32-8	Benzo(a)pyrene	10	U	0.14	1	10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	0.15	1	10	ug/L
53-70-3	Dibenzo(a,h)anthracene	10	U	0.42	1	10	ug/L
191-24-2	Benzo(g,h,i)perylene	10	U	0.29	1	10	ug/L
SURROGATES							
4165-60-0	Nitrobenzene-d5	91.2		36 - 131		91%	SPK: 100
321-60-8	2-Fluorobiphenyl	87.8		39 - 131		88%	SPK: 100
1718-51-0	Terphenyl-d14	110		23 - 130		112%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	113939	5.77				
1146-65-2	Naphthalene-d8	463065	7.25				
15067-26-2	Acenaphthene-d10	217518	9.39				
1517-22-2	Phenanthrene-d10	367482	11.21				
1719-03-5	Chrysene-d12	247033	14.47				
1520-96-3	Perylene-d12	221730	16.09				

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Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	04/26/17
Project:	NYSEG - Bridge St.	Date Received:	04/28/17
Client Sample ID:	EQUIPBLANK	SDG No.:	I2902
Lab Sample ID:	I2902-13	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF094732.D	1	04/29/17 08:19	04/30/17 23:14	PB98571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
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() = Laboratory InHouse Limit

QC SUMMARY

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Surrogate Summary

SW-846

SDG No.: I2902

Client: PARSONS MAIN of NEW YORK, INC.

Analytical Method: 8270D

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
I2902-01	MW-1B	Nitrobenzene-d5	100	83.97	84		36	131
		2-Fluorobiphenyl	100	84.62	85		39	131
		Terphenyl-d14	100	95.16	95		23	130
I2902-02	MW-2B	Nitrobenzene-d5	100	107.40	107		36	131
		2-Fluorobiphenyl	100	124.40	124		39	131
		Terphenyl-d14	100	144.10	144	*	23	130
I2902-03	MW-3B	Nitrobenzene-d5	100	94.11	94		36	131
		2-Fluorobiphenyl	100	90.50	90		39	131
		Terphenyl-d14	100	97.70	98		23	130
I2902-03DL	MW-3BDL	Nitrobenzene-d5	100	105.60	106		36	131
		2-Fluorobiphenyl	100	121.90	122		39	131
		Terphenyl-d14	100	126.60	127		23	130
I2902-04	MW-6B	Nitrobenzene-d5	100	23.10	23	*	36	131
		2-Fluorobiphenyl	100	25.20	25	*	39	131
		Terphenyl-d14	100	26.42	26		23	130
I2902-05	MW-7BS	Nitrobenzene-d5	100	90.18	90		36	131
		2-Fluorobiphenyl	100	86.56	87		39	131
		Terphenyl-d14	100	110.60	111		23	130
I2902-06	MW-7BD	Nitrobenzene-d5	100	163.00	163	*	36	131
		2-Fluorobiphenyl	100	206.00	206	*	39	131
		Terphenyl-d14	100	251.00	251	*	23	130
I2902-07	MW-9B	Nitrobenzene-d5	100	85.26	85		36	131
		2-Fluorobiphenyl	100	84.21	84		39	131
		Terphenyl-d14	100	103.11	103		23	130
I2902-08	MW-11B	Nitrobenzene-d5	100	80.87	81		36	131
		2-Fluorobiphenyl	100	80.20	80		39	131
		Terphenyl-d14	100	102.68	103		23	130
I2902-09MS	MW-11BMS	Nitrobenzene-d5	100	91.11	91		36	131
		2-Fluorobiphenyl	100	91.99	92		39	131
		Terphenyl-d14	100	114.04	114		23	130
I2902-10MSD	MW-11BMSD	Nitrobenzene-d5	100	82.11	82		36	131
		2-Fluorobiphenyl	100	80.59	81		39	131
		Terphenyl-d14	100	104.89	105		23	130
I2902-11	MW-12B	Nitrobenzene-d5	100	88.77	89		36	131
		2-Fluorobiphenyl	100	87.06	87		39	131
		Terphenyl-d14	100	110.99	111		23	130
I2902-13	EQUIPBLANK	Nitrobenzene-d5	100	91.23	91		36	131
		2-Fluorobiphenyl	100	87.82	88		39	131
		Terphenyl-d14	100	112.38	112		23	130
PB98571BL	PB98571BL	Nitrobenzene-d5	100	82.94	83		36	131
		2-Fluorobiphenyl	100	80.37	80		39	131
		Terphenyl-d14	100	87.88	88		23	130
PB98571BS	PB98571BS	Nitrobenzene-d5	100	82.42	82		36	131
		2-Fluorobiphenyl	100	81.71	82		39	131
		Terphenyl-d14	100	97.33	97		23	130

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Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: I2902

Client: PARSONS MAIN of NEW YORK, INC.

Analytical Method: SW8270D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: I2902-09MS		**Client Sample ID: MW-11BMS**						**DataFile: BF094730.D**			
Naphthalene	110	8.8	110	ug/L	92				17	157	
Acenaphthylene	110	11.9	120	ug/L	98				40	141	
Acenaphthene	110	11.8	120	ug/L	98				37	146	
Fluorene	110	7.5	110	ug/L	93				39	144	
Phenanthrene	110	32.3	160	ug/L	116				40	147	
Anthracene	110	7.1	110	ug/L	94				41	146	
Fluoranthene	110	4.7	100	ug/L	87				42	146	
Pyrene	110	9.9	140	ug/L	118				41	149	
Benzo(a)anthracene	110	2.7	110	ug/L	98				41	147	
Chrysene	110	2.8	110	ug/L	97				44	144	
Benzo(b)fluoranthene	110	0	100	ug/L	91				40	150	
Benzo(k)fluoranthene	110	0	100	ug/L	91				40	147	
Benzo(a)pyrene	110	0	100	ug/L	91				42	147	
Indeno(1,2,3-cd)pyrene	110	0	120	ug/L	109				30	166	
Dibenz(a,h)anthracene	110	0	110	ug/L	100				23	172	
Benzo(g,h,i)perylene	110	0	120	ug/L	109				27	167	

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Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: I2902

Client: PARSONS MAIN of NEW YORK, INC.

Analytical Method: SW8270D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: I2902-10MSD		**Client Sample ID: MW-11BMSD**						**DataFile: BF094731.D**			
Naphthalene	110	8.8	100	ug/L	83		10		17	157	20
Acenaphthylene	110	11.9	110	ug/L	89		10		40	141	20
Acenaphthene	110	11.8	100	ug/L	80		20		37	146	20
Fluorene	110	7.5	97.4	ug/L	82		13		39	144	20
Phenanthrene	110	32.3	130	ug/L	89		26	*	40	147	20
Anthracene	110	7.1	97.8	ug/L	82		14		41	146	20
Fluoranthene	110	4.7	87.6	ug/L	75		15		42	146	20
Pyrene	110	9.9	120	ug/L	100		17		41	149	20
Benzo(a)anthracene	110	2.7	95.6	ug/L	84		15		41	147	20
Chrysene	110	2.8	93.7	ug/L	83		16		44	144	20
Benzo(b)fluoranthene	110	0	91.4	ug/L	83		9		40	150	20
Benzo(k)fluoranthene	110	0	87.1	ug/L	79		14		40	147	20
Benzo(a)pyrene	110	0	92.3	ug/L	84		8		42	147	20
Indeno(1,2,3-cd)pyrene	110	0	110	ug/L	100		9		30	166	20
Dibenz(a,h)anthracene	110	0	100	ug/L	91		9		23	172	20
Benzo(g,h,i)perylene	110	0	100	ug/L	91		18		27	167	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: I2902

Client: PARSONS MAIN of NEW YORK, INC.

Analytical Method: 8270D **DataFile:** BF094710.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB98571BS	Naphthalene	50	40.5	ug/L	81				61	107	
	Acenaphthylene	50	41.8	ug/L	84				65	110	
	Acenaphthene	50	41.7	ug/L	83				66	114	
	Fluorene	50	42.8	ug/L	86				66	112	
	Phenanthrene	50	41.6	ug/L	83				68	112	
	Anthracene	50	42.1	ug/L	84				69	112	
	Fluoranthene	50	42	ug/L	84				67	115	
	Pyrene	50	47	ug/L	94				67	116	
	Benzo(a)anthracene	50	43.7	ug/L	87				64	117	
	Chrysene	50	42.1	ug/L	84				65	116	
	Benzo(b)fluoranthene	50	46.8	ug/L	94				62	122	
	Benzo(k)fluoranthene	50	44.4	ug/L	89				60	123	
	Benzo(a)pyrene	50	43.9	ug/L	88				65	118	
	Indeno(1,2,3-cd)pyrene	50	35.1	ug/L	70				50	133	
	Dibenz(a,h)anthracene	50	45.8	ug/L	92				45	150	
	Benzo(g,h,i)perylene	50	45.5	ug/L	91				64	123	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB98571BL

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: I2902 SAS No.: I2902 SDG NO.: I2902

Lab File ID: BF094709.D Lab Sample ID: PB98571BL

Instrument ID: BNA_F Date Extracted: 04/29/2017

Matrix: (soil/water) water Date Analyzed: 04/30/2017

Level: (low/med) LOW Time Analyzed: 12:49

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB98571BS	PB98571BS	BF094710.D	04/30/2017
MW-11BMSD	I2902-10MSD	BF094731.D	04/30/2017
EQUIPBLANK	I2902-13	BF094732.D	04/30/2017
MW-12B	I2902-11	BF094735.D	05/01/2017
MW-6B	I2902-04	BF094748.D	05/01/2017
MW-2B	I2902-02	BF094749.D	05/01/2017
MW-7BD	I2902-06	BF094750.D	05/01/2017
MW-1B	I2902-01	BF094736.D	05/01/2017
MW-3B	I2902-03	BF094737.D	05/01/2017
MW-11B	I2902-08	BF094729.D	04/30/2017
MW-11BMS	I2902-09MS	BF094730.D	04/30/2017
MW-7BS	I2902-05	BF094738.D	05/01/2017
MW-9B	I2902-07	BF094739.D	05/01/2017

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM SAS No.: I2902 SDG NO.: I2902

Lab File ID: BF094440.D DFTPP Injection Date: 04/17/2017

Instrument ID: BNA_F DFTPP Injection Time: 10:53

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	37.4
68	Less than 2.0% of mass 69	0.4 (1) 1
69	Mass 69 relative abundance	35.8
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	10.0 - 80.0% of mass 198	49.3
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.7
275	10.0 - 60.0% of mass 198	22.6
365	Greater than 1% of mass 198	2.3
441	Present, but less than mass 443	13.9
442	Greater than 50% of mass 198	87.8
443	15.0 - 24.0% of mass 442	15.8 (18) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF094441.D	04/17/2017	11:21
SSTDICC010	SSTDICC010	BF094442.D	04/17/2017	11:49
SSTDICC025	SSTDICC025	BF094443.D	04/17/2017	12:16
SSTDICCC040	SSTDICCC040	BF094444.D	04/17/2017	12:44
SSTDICC050	SSTDICC050	BF094445.D	04/17/2017	13:11
SSTDICC060	SSTDICC060	BF094446.D	04/17/2017	13:39
SSTDICC080	SSTDICC080	BF094447.D	04/17/2017	14:06

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM SAS No.: I2902 SDG NO.: I2902

Lab File ID: BF094706.D DFTPP Injection Date: 04/30/2017

Instrument ID: BNA_F DFTPP Injection Time: 11:22

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.7
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	34.7
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	10.0 - 80.0% of mass 198	48.9
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.1
275	10.0 - 60.0% of mass 198	24.2
365	Greater than 1% of mass 198	2.3
441	Present, but less than mass 443	14.5
442	Greater than 50% of mass 198	91.6
443	15.0 - 24.0% of mass 442	17.2 (18.8) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF094707.D	04/30/2017	11:49
PB98571BL	PB98571BL	BF094709.D	04/30/2017	12:49
PB98571BS	PB98571BS	BF094710.D	04/30/2017	13:16
MW-11B	I2902-08	BF094729.D	04/30/2017	21:52
MW-11BMS	I2902-09MS	BF094730.D	04/30/2017	22:19
MW-11BMSD	I2902-10MSD	BF094731.D	04/30/2017	22:47
EQUIPBLANK	I2902-13	BF094732.D	04/30/2017	23:14

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM SAS No.: I2902 SDG NO.: I2902

Lab File ID: BF094733.D DFTPP Injection Date: 05/01/2017

Instrument ID: BNA_F DFTPP Injection Time: 00:36

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	38
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	37.5
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	10.0 - 80.0% of mass 198	50.5
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.2
275	10.0 - 60.0% of mass 198	21.7
365	Greater than 1% of mass 198	2
441	Present, but less than mass 443	12
442	Greater than 50% of mass 198	74.4
443	15.0 - 24.0% of mass 442	14.4 (19.4) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF094734.D	05/01/2017	01:30
MW-12B	I2902-11	BF094735.D	05/01/2017	01:58
MW-1B	I2902-01	BF094736.D	05/01/2017	02:25
MW-3B	I2902-03	BF094737.D	05/01/2017	02:52
MW-7BS	I2902-05	BF094738.D	05/01/2017	03:19
MW-9B	I2902-07	BF094739.D	05/01/2017	03:46

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM SAS No.: I2902 SDG NO.: I2902

Lab File ID: BF094744.D DFTPP Injection Date: 05/01/2017

Instrument ID: BNA_F DFTPP Injection Time: 11:38

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	37.4
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	36.7
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	10.0 - 80.0% of mass 198	50.4
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.4
275	10.0 - 60.0% of mass 198	23
365	Greater than 1% of mass 198	2
441	Present, but less than mass 443	12.3
442	Greater than 50% of mass 198	76.3
443	15.0 - 24.0% of mass 442	15.2 (19.9) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF094745.D	05/01/2017	12:05
MW-6B	I2902-04	BF094748.D	05/01/2017	13:47
MW-2B	I2902-02	BF094749.D	05/01/2017	14:17
MW-7BD	I2902-06	BF094750.D	05/01/2017	14:44
MW-3BDL	I2902-03DL	BF094751.D	05/01/2017	15:12

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: I2902 SAS No.: I2902 SDG NO.: I2902

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/30/2017

Lab File ID: BF094707.D Time Analyzed: 11:49

Instrument ID: BNA_F GC Column: RTX-5 ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	113989	5.77	456892	7.26	209648	9.40
	UPPER LIMIT	227978	6.27	913784	7.76	419296	9.9
	LOWER LIMIT	56994.5	5.27	228446	6.76	104824	8.9
	EPA SAMPLE NO.						
01	PB98571BL	106327	5.77	430393	7.25	207762	9.39
02	PB98571BS	117235	5.77	476996	7.26	226847	9.40
03	MW-11BMS	116883	5.77	483693	7.26	214085	9.40
04	MW-11B	111015	5.76	452556	7.25	213598	9.39
05	MW-11BMSD	114004	5.77	463356	7.26	214843	9.40
06	EQUIPBLANK	113939	5.77	463065	7.25	217518	9.39

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: I2902 SAS No.: I2902 SDG NO.: I2902

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/30/2017

Lab File ID: BF094707.D Time Analyzed: 11:49

Instrument ID: BNA_F GC Column: RTX-5 ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	382388	11.22	319446	14.47	274774	16.09
	UPPER LIMIT	764776	11.72	638892	14.97	549548	16.59
	LOWER LIMIT	191194	10.72	159723	13.97	137387	15.59
	EPA SAMPLE NO.						
01	PB98571BL	398290	11.21	341534	14.47	236485	16.09
02	PB98571BS	415882	11.22	314298	14.47	215848	16.09
03	MW-11BMS	367041	11.22	233109	14.48	220005	16.10
04	MW-11B	356062	11.22	234241	14.47	208440	16.09
05	MW-11BMSD	361263	11.22	229758	14.47	212788	16.09
06	EQUIPBLANK	367482	11.21	247033	14.47	221730	16.09

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: I2902 SAS No.: I2902 SDG NO.: I2902

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/01/2017

Lab File ID: BF094734.D Time Analyzed: 01:30

Instrument ID: BNA_F GC Column: RTX-5 ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	116545	5.77	471162	7.26	224282	9.40
	UPPER LIMIT	233090	6.27	942324	7.76	448564	9.9
	LOWER LIMIT	58272.5	5.27	235581	6.76	112141	8.9
	EPA SAMPLE NO.						
01	MW-1B	109177	5.76	449578	7.25	209092	9.39
02	MW-3B	108556	5.77	431299	7.27	204994	9.39
03	MW-7BS	110766	5.77	456713	7.25	217158	9.39
04	MW-9B	113449	5.77	472699	7.25	221979	9.39
05	MW-12B	112986	5.77	457534	7.25	213402	9.39

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: I2902 SAS No.: I2902 SDG NO.: I2902

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/01/2017

Lab File ID: BF094734.D Time Analyzed: 01:30

Instrument ID: BNA_F GC Column: RTX-5 ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	378925	11.22	236905	14.47	223879	16.09
	UPPER LIMIT	757850	11.72	473810	14.97	447758	16.59
	LOWER LIMIT	189463	10.72	118453	13.97	111940	15.59
	EPA SAMPLE NO.						
01	MW-1B	353670	11.21	232269	14.47	197678	16.09
02	MW-3B	339895	11.21	229862	14.47	213092	16.09
03	MW-7BS	355596	11.21	223080	14.47	210039	16.09
04	MW-9B	371295	11.21	250816	14.47	225709	16.09
05	MW-12B	361943	11.21	232199	14.47	214012	16.09

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: I2902 SAS No.: I2902 SDG NO.: I2902

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/01/2017

Lab File ID: BF094745.D Time Analyzed: 12:05

Instrument ID: BNA_F GC Column: RTX-5 ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	109312	5.76	454853	7.26	205055	9.40
	UPPER LIMIT	218624	6.26	909706	7.76	410110	9.9
	LOWER LIMIT	54656	5.26	227427	6.76	102528	8.9
	EPA SAMPLE NO.						
01	MW-6B	107429	5.76	400182	7.25	186292	9.39
02	MW-2B	107865	5.76	427945	7.25	203324	9.39
03	MW-7BD	96443	5.76	405919	7.25	189344	9.39
04	MW-3BDL	102495	5.76	410626	7.25	194778	9.39

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: I2902 SAS No.: I2902 SDG NO.: I2902

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/01/2017

Lab File ID: BF094745.D Time Analyzed: 12:05

Instrument ID: BNA_F GC Column: RTX-5 ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	372947	11.22	310264	14.47	268153	16.09
	UPPER LIMIT	745894	11.72	620528	14.97	536306	16.59
	LOWER LIMIT	186474	10.72	155132	13.97	134077	15.59
	EPA SAMPLE NO.						
01	MW-6B	322961	11.21	262112	14.47	191050	16.09
02	MW-2B	337586	11.21	251708	14.47	179534	16.09
03	MW-7BD	327196	11.21	253470	14.46	181517	16.09
04	MW-3BDL	326966	11.21	255085	14.47	174660	16.09

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

QC SAMPLE DATA

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Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	
Project:	NYSEG - Bridge St.	Date Received:	
Client Sample ID:	PB98571BL	SDG No.:	I2902
Lab Sample ID:	PB98571BL	Matrix:	water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF094709.D	1	04/29/17 08:19	04/30/17 12:49	PB98571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
91-20-3	Naphthalene	10	U	0.12	1	10	ug/L
208-96-8	Acenaphthylene	10	U	0.7	1	10	ug/L
83-32-9	Acenaphthene	10	U	0.21	1	10	ug/L
86-73-7	Fluorene	10	U	0.31	1	10	ug/L
85-01-8	Phenanthrene	10	U	0.26	1	10	ug/L
120-12-7	Anthracene	10	U	0.16	1	10	ug/L
206-44-0	Fluoranthene	10	U	0.4	1	10	ug/L
129-00-0	Pyrene	10	U	0.2	1	10	ug/L
56-55-3	Benzo(a)anthracene	10	U	0.16	1	10	ug/L
218-01-9	Chrysene	10	U	0.18	1	10	ug/L
205-99-2	Benzo(b)fluoranthene	10	U	0.29	1	10	ug/L
207-08-9	Benzo(k)fluoranthene	10	U	0.18	1	10	ug/L
50-32-8	Benzo(a)pyrene	10	U	0.14	1	10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	0.15	1	10	ug/L
53-70-3	Dibenzo(a,h)anthracene	10	U	0.42	1	10	ug/L
191-24-2	Benzo(g,h,i)perylene	10	U	0.29	1	10	ug/L
SURROGATES							
4165-60-0	Nitrobenzene-d5	82.9		36 - 131		83%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.4		39 - 131		80%	SPK: 100
1718-51-0	Terphenyl-d14	87.9		23 - 130		88%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	106327	5.77				
1146-65-2	Naphthalene-d8	430393	7.25				
15067-26-2	Acenaphthene-d10	207762	9.39				
1517-22-2	Phenanthrene-d10	398290	11.21				
1719-03-5	Chrysene-d12	341534	14.47				
1520-96-3	Perylene-d12	236485	16.09				

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Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	
Project:	NYSEG - Bridge St.	Date Received:	
Client Sample ID:	PB98571BL	SDG No.:	I2902
Lab Sample ID:	PB98571BL	Matrix:	water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF094709.D	1	04/29/17 08:19	04/30/17 12:49	PB98571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

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Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	
Project:	NYSEG - Bridge St.	Date Received:	
Client Sample ID:	PB98571BS	SDG No.:	I2902
Lab Sample ID:	PB98571BS	Matrix:	water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF094710.D	1	04/29/17 08:19	04/30/17 13:16	PB98571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
91-20-3	Naphthalene	40.5		0.12	1	10	ug/L
208-96-8	Acenaphthylene	41.8		0.7	1	10	ug/L
83-32-9	Acenaphthene	41.7		0.21	1	10	ug/L
86-73-7	Fluorene	42.8		0.31	1	10	ug/L
85-01-8	Phenanthrene	41.6		0.26	1	10	ug/L
120-12-7	Anthracene	42.1		0.16	1	10	ug/L
206-44-0	Fluoranthene	42		0.4	1	10	ug/L
129-00-0	Pyrene	47		0.2	1	10	ug/L
56-55-3	Benzo(a)anthracene	43.7		0.16	1	10	ug/L
218-01-9	Chrysene	42.1		0.18	1	10	ug/L
205-99-2	Benzo(b)fluoranthene	46.8		0.29	1	10	ug/L
207-08-9	Benzo(k)fluoranthene	44.4		0.18	1	10	ug/L
50-32-8	Benzo(a)pyrene	43.9		0.14	1	10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	35.1		0.15	1	10	ug/L
53-70-3	Dibenzo(a,h)anthracene	45.8		0.42	1	10	ug/L
191-24-2	Benzo(g,h,i)perylene	45.5		0.29	1	10	ug/L
SURROGATES							
4165-60-0	Nitrobenzene-d5	82.4		36 - 131		82%	SPK: 100
321-60-8	2-Fluorobiphenyl	81.7		39 - 131		82%	SPK: 100
1718-51-0	Terphenyl-d14	97.3		23 - 130		97%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	117235	5.77				
1146-65-2	Naphthalene-d8	476996	7.26				
15067-26-2	Acenaphthene-d10	226847	9.4				
1517-22-2	Phenanthrene-d10	415882	11.22				
1719-03-5	Chrysene-d12	314298	14.47				
1520-96-3	Perylene-d12	215848	16.09				

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Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	
Project:	NYSEG - Bridge St.	Date Received:	
Client Sample ID:	PB98571BS	SDG No.:	I2902
Lab Sample ID:	PB98571BS	Matrix:	water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF094710.D	1	04/29/17 08:19	04/30/17 13:16	PB98571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

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Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	04/26/17
Project:	NYSEG - Bridge St.	Date Received:	04/28/17
Client Sample ID:	MW-11BMS	SDG No.:	I2902
Lab Sample ID:	I2902-09MS	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	470 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF094730.D	1	04/29/17 08:19	04/30/17 22:19	PB98571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
91-20-3	Naphthalene	110		0.26	2.1	21.3	ug/L
208-96-8	Acenaphthylene	120		1.5	2.1	21.3	ug/L
83-32-9	Acenaphthene	120		0.45	2.1	21.3	ug/L
86-73-7	Fluorene	110		0.66	2.1	21.3	ug/L
85-01-8	Phenanthrene	160		0.55	2.1	21.3	ug/L
120-12-7	Anthracene	110		0.34	2.1	21.3	ug/L
206-44-0	Fluoranthene	100		0.85	2.1	21.3	ug/L
129-00-0	Pyrene	140		0.43	2.1	21.3	ug/L
56-55-3	Benzo(a)anthracene	110		0.34	2.1	21.3	ug/L
218-01-9	Chrysene	110		0.38	2.1	21.3	ug/L
205-99-2	Benzo(b)fluoranthene	100		0.62	2.1	21.3	ug/L
207-08-9	Benzo(k)fluoranthene	100		0.38	2.1	21.3	ug/L
50-32-8	Benzo(a)pyrene	100		0.3	2.1	21.3	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	120		0.32	2.1	21.3	ug/L
53-70-3	Dibenzo(a,h)anthracene	110		0.89	2.1	21.3	ug/L
191-24-2	Benzo(g,h,i)perylene	120		0.62	2.1	21.3	ug/L
SURROGATES							
4165-60-0	Nitrobenzene-d5	91.1		36 - 131		91%	SPK: 100
321-60-8	2-Fluorobiphenyl	92		39 - 131		92%	SPK: 100
1718-51-0	Terphenyl-d14	110		23 - 130		114%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	116883	5.77				
1146-65-2	Naphthalene-d8	483693	7.26				
15067-26-2	Acenaphthene-d10	214085	9.4				
1517-22-2	Phenanthrene-d10	367041	11.22				
1719-03-5	Chrysene-d12	233109	14.48				
1520-96-3	Perylene-d12	220005	16.1				

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Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	04/26/17
Project:	NYSEG - Bridge St.	Date Received:	04/28/17
Client Sample ID:	MW-11BMS	SDG No.:	I2902
Lab Sample ID:	I2902-09MS	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	470 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF094730.D	1	04/29/17 08:19	04/30/17 22:19	PB98571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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J = Estimated Value
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Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	04/26/17
Project:	NYSEG - Bridge St.	Date Received:	04/28/17
Client Sample ID:	MW-11BMSD	SDG No.:	I2902
Lab Sample ID:	I2902-10MSD	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	470 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF094731.D	1	04/29/17 08:19	04/30/17 22:47	PB98571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
91-20-3	Naphthalene	100		0.26	2.1	21.3	ug/L
208-96-8	Acenaphthylene	110		1.5	2.1	21.3	ug/L
83-32-9	Acenaphthene	100		0.45	2.1	21.3	ug/L
86-73-7	Fluorene	97.4		0.66	2.1	21.3	ug/L
85-01-8	Phenanthrene	130		0.55	2.1	21.3	ug/L
120-12-7	Anthracene	97.8		0.34	2.1	21.3	ug/L
206-44-0	Fluoranthene	87.6		0.85	2.1	21.3	ug/L
129-00-0	Pyrene	120		0.43	2.1	21.3	ug/L
56-55-3	Benzo(a)anthracene	95.6		0.34	2.1	21.3	ug/L
218-01-9	Chrysene	93.7		0.38	2.1	21.3	ug/L
205-99-2	Benzo(b)fluoranthene	91.4		0.62	2.1	21.3	ug/L
207-08-9	Benzo(k)fluoranthene	87.1		0.38	2.1	21.3	ug/L
50-32-8	Benzo(a)pyrene	92.3		0.3	2.1	21.3	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	110		0.32	2.1	21.3	ug/L
53-70-3	Dibenzo(a,h)anthracene	100		0.89	2.1	21.3	ug/L
191-24-2	Benzo(g,h,i)perylene	100		0.62	2.1	21.3	ug/L
SURROGATES							
4165-60-0	Nitrobenzene-d5	82.1		36 - 131		82%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.6		39 - 131		81%	SPK: 100
1718-51-0	Terphenyl-d14	100		23 - 130		105%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	114004	5.77				
1146-65-2	Naphthalene-d8	463356	7.26				
15067-26-2	Acenaphthene-d10	214843	9.4				
1517-22-2	Phenanthrene-d10	361263	11.22				
1719-03-5	Chrysene-d12	229758	14.47				
1520-96-3	Perylene-d12	212788	16.09				

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Report of Analysis

Client:	PARSONS MAIN of NEW YORK, INC.	Date Collected:	04/26/17
Project:	NYSEG - Bridge St.	Date Received:	04/28/17
Client Sample ID:	MW-11BMSD	SDG No.:	I2902
Lab Sample ID:	I2902-10MSD	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	470 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF094731.D	1	04/29/17 08:19	04/30/17 22:47	PB98571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
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J = Estimated Value
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CALIBRATION SUMMARY

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
Method File : 8270-BF041717.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Apr 17 14:59:23 2017
Response Via : Initial Calibration

Calibration Files
2.5 =BF094441.D 10 =BF094442.D 25 =BF094443.D 40 =BF094444.D 50 =BF094445.D 60 =BF094446.D 80 =BF094447.D

		Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------								
2)		1,4-Dioxane	0.707	0.736	0.707	0.696	0.702	0.687	0.672	0.701	2.84
3)		Pyridine	1.374	1.523	1.534	1.619	1.542	1.581	1.552	1.532	5.02
4)		n-Nitrosodimet...	0.584	0.657	0.627	0.638	0.643	0.644	0.646	0.634	3.77
5)	S	2-Fluorophenol	1.307	1.313	1.257	1.187	1.162	1.138	1.076	1.205	7.41
6)		Aniline	2.064	2.073	1.915	1.833	1.822	1.780	1.734	1.889	7.12
7)	S	Phenol-d6	1.545	1.574	1.469	1.378	1.367	1.333	1.284	1.421	7.72
8)		2-Chlorophenol	1.485	1.484	1.407	1.359	1.333	1.305	1.229	1.372	6.85
9)		Benzaldehyde	1.189	1.173	1.111	1.060	1.051	1.018	0.965	1.081	7.53
10)	C	Phenol	1.902	1.852	1.813	1.687	1.704	1.651	1.611	1.746	6.29
11)		bis(2-Chloroet...	1.329	1.334	1.295	1.262	1.263	1.236	1.209	1.275	3.64
12)		1,3-Dichlorobe...	1.621	1.624	1.557	1.487	1.499	1.462	1.388	1.520	5.68
13)	C	1,4-Dichlorobe...	1.639	1.627	1.571	1.512	1.502	1.455	1.398	1.529	5.79
14)		1,2-Dichlorobe...	1.627	1.549	1.473	1.373	1.350	1.288	1.198	1.408	10.66
15)		Benzyl Alcohol	1.143	1.148	1.116	1.050	1.017	0.975	0.930	1.054	8.09
16)		2,2'-oxybis(1-...	1.834	1.802	1.731	1.637	1.621	1.573	1.507	1.672	7.23
17)		2-Methylphenol	1.127	1.168	1.116	1.058	1.063	1.036	0.995	1.080	5.50
18)		Hexachloroethane	0.541	0.547	0.532	0.521	0.522	0.514	0.493	0.524	3.47
19)	P	n-Nitroso-di-n...	0.963	1.005	0.981	0.931	0.935	0.907	0.870	0.942	4.86
20)		3+4-Methylphenols	1.557	1.563	1.531	1.460	1.450	1.401	1.315	1.468	6.18
21)	I	Naphthalene-d8	----------ISTD----------								
22)		Acetophenone	0.506	0.519	0.499	0.479	0.471	0.477	0.454	0.486	4.62
23)	S	Nitrobenzene-d5	0.324	0.347	0.331	0.323	0.317	0.321	0.305	0.324	3.96
24)		Nitrobenzene	0.348	0.361	0.353	0.343	0.333	0.334	0.315	0.341	4.40
25)		Isophorone	0.595	0.638	0.605	0.596	0.586	0.600	0.583	0.600	3.00
26)	C	2-Nitrophenol	0.168	0.187	0.189	0.186	0.186	0.187	0.180	0.183	3.92
27)		2,4-Dimethylph...	0.306	0.319	0.307	0.296	0.287	0.292	0.277	0.298	4.70
28)		bis(2-Chloroet...	0.400	0.418	0.396	0.383	0.375	0.382	0.364	0.388	4.60
29)	C	2,4-Dichloroph...	0.275	0.301	0.289	0.280	0.270	0.270	0.253	0.277	5.50
30)		1,2,4-Trichlor...	0.305	0.312	0.294	0.281	0.275	0.277	0.261	0.286	6.27
31)		Naphthalene	1.074	1.055	0.989	0.940	0.911	0.911	0.850	0.961	8.50
32)		Benzoic acid		0.142	0.143	0.157	0.163	0.172	0.167	0.157	7.73
33)		4-Chloroaniline	0.411	0.435	0.419	0.403	0.385	0.387	0.361	0.400	6.12
34)	C	Hexachlorobuta...	0.157	0.151	0.147	0.142	0.137	0.137	0.128	0.143	6.76
35)		Caprolactam	0.077	0.088	0.091	0.086	0.088	0.089	0.089	0.087	5.41
36)	C	4-Chloro-3-met...	0.287	0.314	0.300	0.289	0.282	0.286	0.273	0.290	4.64
37)		2-Methylnaphth...	0.718	0.725	0.681	0.651	0.623	0.625	0.581	0.658	8.05

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
Method File : 8270-BF041717.M

38)	I	Acenaphthene-d10	----------ISTD----------							
39)		1,2,4,5-Tetrac...	0.624	0.624	0.595	0.557	0.545	0.535	0.506	0.570	8.07
40)	P	Hexachlorocycl...		0.181	0.226	0.238	0.244	0.251	0.243	0.230	11.18
41)	S	2,4,6-Tribromo...	0.158	0.171	0.161	0.156	0.152	0.151	0.146	0.156	5.29
42)	C	2,4,6-Trichlor...	0.398	0.424	0.416	0.397	0.391	0.395	0.380	0.400	3.77
43)		2,4,5-Trichlor...	0.410	0.439	0.429	0.411	0.406	0.398	0.382	0.411	4.61
44)	S	2-Fluorobiphenyl	1.652	1.564	1.416	1.303	1.248	1.217	1.116	1.359	14.29
45)		1,1'-Biphenyl	1.845	1.833	1.714	1.612	1.544	1.495	1.395	1.634	10.46
46)		2-Chloronaphth...	1.455	1.455	1.346	1.267	1.232	1.204	1.137	1.299	9.50
47)		2-Nitroaniline	0.347	0.388	0.394	0.377	0.370	0.372	0.367	0.374	4.09
48)		Acenaphthylene	2.252	2.259	2.121	1.988	1.904	1.867	1.786	2.025	9.32
49)		Dimethylphthalate	1.605	1.587	1.520	1.462	1.425	1.436	1.398	1.490	5.48
50)		2,6-Dinitrotol...	0.321	0.359	0.342	0.337	0.331	0.331	0.321	0.335	3.91
51)	C	Acenaphthene	1.359	1.341	1.265	1.179	1.143	1.127	1.077	1.213	9.04
52)		3-Nitroaniline	0.378	0.406	0.407	0.385	0.387	0.379	0.367	0.387	3.77
53)	P	2,4-Dinitrophenol		0.111	0.147	0.161	0.170	0.177	0.184	0.158	16.85
54)		Dibenzofuran	2.031	1.989	1.847	1.699	1.644	1.603	1.530	1.763	11.06
55)	P	4-Nitrophenol		0.217	0.265	0.258	0.295	0.287	0.318	0.273	12.76
56)		2,4-Dinitrotol...	0.412	0.453	0.430	0.405	0.395	0.394	0.383	0.410	5.85
57)		Fluorene	1.626	1.587	1.454	1.333	1.267	1.220	1.125	1.373	13.75
58)		2,3,4,6-Tetrac...	0.289	0.306	0.298	0.296	0.294	0.291	0.286	0.294	2.28
59)		Diethylphthalate	1.504	1.534	1.443	1.376	1.351	1.342	1.296	1.406	6.33
60)		4-Chlorophenyl...		0.697	0.625	0.563	0.549	0.520	0.473	0.571	13.89
61)		4-Nitroaniline	0.378	0.409	0.412	0.397	0.391	0.391	0.376	0.393	3.51
62)		Azobenzene	1.459	1.479	1.412	1.350	1.310	1.315	1.234	1.365	6.48
63)	I	Phenanthrene-d10	----------ISTD----------							
64)		4,6-Dinitro-2-...		0.113	0.133	0.135	0.135	0.136	0.134	0.131	6.62
65)	c	n-Nitrosodiphe...	0.753	0.784	0.722	0.680	0.652	0.657	0.622	0.696	8.49
66)		4-Bromophenyl-...	0.213	0.214	0.207	0.196	0.187	0.191	0.182	0.199	6.48
67)		Hexachlorobenzene	0.212	0.216	0.207	0.196	0.192	0.192	0.186	0.200	5.76
68)		Atrazine	0.214	0.227	0.219	0.205	0.199	0.200	0.192	0.208	6.02
69)	C	Pentachlorophenol		0.059	0.075	0.082	0.085	0.087	0.088	0.079	13.75
70)		Phenanthrene	1.283	1.265	1.169	1.086	1.053	1.036	0.991	1.126	10.19
71)		Anthracene	1.276	1.314	1.217	1.147	1.095	1.082	1.023	1.165	9.24
72)		Carbazole	1.203	1.215	1.153	1.072	1.022	1.016	0.974	1.093	8.86
73)		Di-n-butylphth...	1.259	1.312	1.267	1.198	1.157	1.150	1.085	1.204	6.61
74)	C	Fluoranthene	1.291	1.298	1.223	1.147	1.098	1.082	1.031	1.167	9.02
75)	I	Chrysene-d12	----------ISTD----------							
76)		Benzidine	0.748	0.857	0.861	0.841	0.802	0.806	0.753	0.810	5.72
77)		Pyrene	1.448	1.472	1.427	1.398	1.342	1.373	1.322	1.397	3.95
78)	S	Terphenyl-d14	0.851	0.822	0.769	0.731	0.699	0.702	0.663	0.748	9.21
79)		Butylbenzylpht...	0.577	0.617	0.628	0.619	0.610	0.626	0.609	0.612	2.77
80)		Benzo(a)anthra...	1.227	1.209	1.212	1.169	1.125	1.132	1.062	1.162	5.12
81)		3,3'-Dichlorob...	0.415	0.445	0.444	0.424	0.404	0.390	0.359	0.412	7.43
82)		Chrysene	1.158	1.140	1.103	1.044	1.018	1.014	0.959	1.062	6.89

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
Method File : 8270-BF041717.M

83)		Bis(2-ethylhex...	0.812	0.855	0.851	0.832	0.818	0.821	0.767	0.822	3.57
84)	c	Di-n-octyl pht...	1.330	1.402	1.436	1.412	1.364	1.382	1.328	1.379	2.97
85)		Indeno(1,2,3-c...	1.133	1.149	1.062	0.975	0.927	0.920	0.910	1.011	10.16
86)	I	Perylene-d12	----------ISTD----------								
87)		Benzo(b)fluora...	1.287	1.283	1.234	1.237	1.189	1.161	1.173	1.223	4.15
88)		Benzo(k)fluora...	1.240	1.265	1.196	1.123	1.120	1.117	1.044	1.158	6.77
89)	C	Benzo(a)pyrene	1.220	1.198	1.175	1.130	1.108	1.079	1.057	1.138	5.40
90)		Dibenzo(a,h)an...	1.025	1.066	0.981	0.902	0.885	0.883	0.875	0.945	8.25
91)		Benzo(g,h,i)pe...	1.049	1.088	0.990	0.897	0.888	0.903	0.921	0.962	8.40

(#) = Out of Range

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: I2902 SAS No.: I2902 SDG No.: I2902

Instrument ID: BNA_F Calibration Date(s): 04/17/2017 04/17/2017

Calibration Time(s): 11:21 14:06

LAB FILE ID: RRF2.5 = BF094441.D RRF010 = BF094442.D RRF025 = BF094443.D
RRF040 = BF094444.D RRF050 = BF094445.D RRF060 = BF094446.D

COMPOUND	RRF2.5	RRF010	RRF025	RRF040	RRF050	RRF060	RRF	% RSD
2-Fluorophenol	1.307	1.313	1.257	1.187	1.162	1.138	1.205	7.4
Phenol-d6	1.545	1.574	1.469	1.378	1.367	1.333	1.421	7.7
Nitrobenzene-d5	0.324	0.347	0.331	0.323	0.317	0.321	0.324	4.0
Naphthalene	1.074	1.055	0.989	0.940	0.911	0.911	0.961	8.5
2-Fluorobiphenyl	1.652	1.564	1.416	1.303	1.248	1.217	1.359	14.3
Acenaphthylene	2.252	2.259	2.121	1.988	1.904	1.867	2.025	9.3
Acenaphthene	1.359	1.341	1.265	1.179	1.143	1.127	1.213	9.0
Fluorene	1.626	1.587	1.454	1.333	1.267	1.220	1.373	13.8
2,4,6-Tribromophenol	0.158	0.171	0.161	0.156	0.152	0.151	0.156	5.3
Phenanthrene	1.283	1.265	1.169	1.086	1.053	1.036	1.126	10.2
Anthracene	1.276	1.314	1.217	1.147	1.095	1.082	1.165	9.2
Fluoranthene	1.291	1.298	1.223	1.147	1.098	1.082	1.167	9.0
Pyrene	1.448	1.472	1.427	1.398	1.342	1.373	1.397	4.0
Terphenyl-d14	0.851	0.822	0.769	0.731	0.699	0.702	0.748	9.2
Benzo(a)anthracene	1.227	1.209	1.212	1.169	1.125	1.132	1.162	5.1
Chrysene	1.158	1.140	1.103	1.044	1.018	1.014	1.062	6.9
Benzo(b)fluoranthene	1.287	1.283	1.234	1.237	1.189	1.161	1.223	4.1
Benzo(k)fluoranthene	1.240	1.265	1.196	1.123	1.120	1.117	1.158	6.8
Benzo(a)pyrene	1.220	1.198	1.175	1.130	1.108	1.079	1.138	5.4
Indeno(1,2,3-cd)pyrene	1.133	1.149	1.062	0.975	0.927	0.920	1.011	10.2
Dibenzo(a,h)anthracene	1.025	1.066	0.981	0.902	0.885	0.883	0.945	8.2
Benzo(g,h,i)perylene	1.049	1.088	0.990	0.897	0.888	0.903	0.962	8.4

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: I2902 SAS No.: I2902 SDG No.: I2902

Instrument ID: BNA_F Calibration Date/Time: 04/30/2017 11:49

Lab File ID: BF094707.D Init. Calib. Date(s): 04/17/2017 04/17/2017

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:21 14:06

GC Column: RTX-5 ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.205	1.209		0.2	
Phenol-d6	1.421	1.388		-2.3	
Nitrobenzene-d5	0.324	0.319		-1.5	
Naphthalene	0.961	0.971		1.0	
2-Fluorobiphenyl	1.359	1.371		0.9	
Acenaphthylene	2.025	2.108		4.1	
Acenaphthene	1.213	1.260		3.9	20.0
Fluorene	1.373	1.407		2.5	
2,4,6-Tribromophenol	0.156	0.175		12.2	
Phenanthrene	1.126	1.156		2.7	
Anthracene	1.165	1.210		3.9	
Fluoranthene	1.167	1.208		3.5	20.0
Pyrene	1.397	1.466		4.9	
Terphenyl-d14	0.748	0.799		6.8	
Benzo(a)anthracene	1.162	1.202		3.4	
Chrysene	1.062	1.085		2.2	
Benzo(b)fluoranthene	1.223	1.286		5.2	
Benzo(k)fluoranthene	1.158	1.199		3.5	
Benzo(a)pyrene	1.138	1.178		3.5	20.0
Indeno(1,2,3-cd)pyrene	1.011	0.948		-6.2	
Dibenzo(a,h)anthracene	0.945	0.910		-3.7	
Benzo(g,h,i)perylene	0.962	0.864		-10.2	

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: I2902 SAS No.: I2902 SDG No.: I2902

Instrument ID: BNA_F Calibration Date/Time: 05/01/2017 01:30

Lab File ID: BF094734.D Init. Calib. Date(s): 04/17/2017 04/17/2017

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:21 14:06

GC Column: RTX-5 ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.205	1.234		2.3	
Phenol-d6	1.421	1.420		-0.1	
Nitrobenzene-d5	0.324	0.324		0.0	
Naphthalene	0.961	0.976		1.6	
2-Fluorobiphenyl	1.359	1.321		-2.8	
Acenaphthylene	2.025	2.045		1.0	
Acenaphthene	1.213	1.228		1.2	20.0
Fluorene	1.373	1.358		-1.1	
2,4,6-Tribromophenol	0.156	0.158		1.3	
Phenanthrene	1.126	1.146		1.8	
Anthracene	1.165	1.192		2.3	
Fluoranthene	1.167	1.076		-7.8	20.0
Pyrene	1.397	1.688		20.8	
Terphenyl-d14	0.748	0.954		27.5	
Benzo(a)anthracene	1.162	1.197		3.0	
Chrysene	1.062	1.104		4.0	
Benzo(b)fluoranthene	1.223	1.148		-6.1	
Benzo(k)fluoranthene	1.158	1.195		3.2	
Benzo(a)pyrene	1.138	1.180		3.7	20.0
Indeno(1,2,3-cd)pyrene	1.011	1.265		25.1	
Dibenzo(a,h)anthracene	0.945	1.093		15.7	
Benzo(g,h,i)perylene	0.962	1.127		17.2	

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: I2902 SAS No.: I2902 SDG No.: I2902

Instrument ID: BNA_F Calibration Date/Time: 05/01/2017 12:05

Lab File ID: BF094745.D Init. Calib. Date(s): 04/17/2017 04/17/2017

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:21 14:06

GC Column: RTX-5 ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.205	1.255		4.1	
Phenol-d6	1.421	1.398		-1.6	
Nitrobenzene-d5	0.324	0.318		-1.9	
Naphthalene	0.961	0.962		0.1	
2-Fluorobiphenyl	1.359	1.374		1.1	
Acenaphthylene	2.025	2.118		4.6	
Acenaphthene	1.213	1.253		3.3	20.0
Fluorene	1.373	1.411		2.8	
2,4,6-Tribromophenol	0.156	0.172		10.3	
Phenanthrene	1.126	1.146		1.8	
Anthracene	1.165	1.210		3.9	
Fluoranthene	1.167	1.124		-3.7	20.0
Pyrene	1.397	1.382		-1.1	
Terphenyl-d14	0.748	0.778		4.0	
Benzo(a)anthracene	1.162	1.183		1.8	
Chrysene	1.062	1.067		0.5	
Benzo(b)fluoranthene	1.223	1.265		3.4	
Benzo(k)fluoranthene	1.158	1.161		0.3	
Benzo(a)pyrene	1.138	1.152		1.2	20.0
Indeno(1,2,3-cd)pyrene	1.011	0.948		-6.2	
Dibenzo(a,h)anthracene	0.945	0.913		-3.4	
Benzo(g,h,i)perylene	0.962	0.882		-8.3	

All other compounds must meet a minimum RRF of 0.010.

SHIPPING DOCUMENTS

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO.
QUOTE NO. T2908
COC Number 040806

7.1

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: PARSONS
ADDRESS: 301 Plainfield Rd. Suite 350
CITY: N. Syracuse STATE: NY ZIP: 13212
ATTENTION: Paul Roth
PHONE: 315-451-9560 FAX: 315-451-9570

CLIENT PROJECT INFORMATION

PROJECT NAME: NYSEG Plattsburgh
PROJECT NO.: Bridge St. LOCATION: Plattsburgh, NY
PROJECT MANAGER: Tracy Blazicek
e-mail: tlblazicek@nyseg.com
PHONE: 607.762.8839 FAX: 607.762.8451

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX: DAYS *
HARD COPY: DAYS *
EDD: DAYS *
PREAPPROVED TAT: ☐ YES ☐ NO
* STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ LEVEL 1: Results only ☐ Others
☐ LEVEL 2: Results + QC
☐ LEVEL 3: Results (plus results raw data) + QC
☐ LEVEL 4: Results + QC (all raw data)
☐ EDD Format:

ANALYSIS

BTEX (40 ml)
PAH (1 L)

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
								A	E								← Specify Preservatives A–HCl B–HNO_3 C–H_2SO_4 D–NaOH E–ICE F–Other
1.	MW-1B	W		X	4.26.17	1532	3	X	X								
2.	MW-2B	W		X	4.26.17	1555	3	X	X								
3.	MW-3B	W		X	4.26.17	1421	3	X	X								
4.	MW-6B * Bubbles in VOA could not get out	W		X	4.27.17	0841	3	X	X	(3)							~~MS/MSD~~ NAPL
5.	MW-7BS	W		X	4.27.17	9:15	3	X	X								
6.	MW-7BD	W		X	4.27.17	9:00	3	X	X								
7.	MW-9B	W		X	4.27.17	0815	3	X	X								
8.	MW-11B	W		X	4.26.17	1436	3	X	X	(6)							MS/MSD
9.	MW-12B	W		X	4.27.17	1200	3	X	X	X							
10.	~~MW-6B MS/MSD~~	W		X			3	X	X								Delete

All Samples may have NAPL

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY/SAMPLER:	DATE/TIME:	RECEIVED BY:
1. [signature]	4.27.17 @ 1000	1.
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:
2.		2.
RELINQUISHED BY:	DATE/TIME: 10:00	RECEIVED FOR LAB BY:
3.	4-28-17	3. [signature]

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant Cooler Temp. 4.2
MeOH extraction requires an additional 4 oz jar for percent solid.
Comments:
Ice in Cooler?: Yes

Page ____ of ____

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☐ OVERNIGHT
CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT

Shipment Complete: ☐ YES ☐ NO

Revision 8/2007

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO.
QUOTE NO. I2902
COC Number 040807

7.1

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: PARSONS
ADDRESS: 301 Plainfield Rd. Suite 350
CITY: Syracuse STATE: NY ZIP: 13212
ATTENTION: Paul Roth
PHONE: 315-451-9560 FAX: 315-451-9570

CLIENT PROJECT INFORMATION

PROJECT NAME: NYSEG Plattsburgh
PROJECT NO.: Bridge St LOCATION: Plattsburgh
PROJECT MANAGER: Tracy Blazicek
e-mail: tlblazicek@nyseg.com
PHONE: 607-762-8839 FAX: 607-762-8451

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX: _____ DAYS *
HARD COPY: _____ DAYS *
EDD: _____ DAYS *
PREAPPROVED TAT: ☐ YES ☐ NO
* STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ LEVEL 1: Results only ☐ Others _____
☐ LEVEL 2: Results + QC
☐ LEVEL 3: Results (plus results raw data) + QC
☐ LEVEL 4: Results + QC (all raw data)
☐ EDD Format: _____

ANALYSIS

BTEX (40ml) PAH (1L)

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	TB - 4.26.17	W		X	4.26.17	1436	2	X	(2)								
2.	EQUIP BLANK	W		X	4.26.17	1436	3	X	X								
3.	FB - 4.26.17	W		X	4.26.17	1436	3	X	(3)								
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

← Specify Preservatives
A - HCl B - HNO_3
C - H_2SO_4 D - NaOH
E - ICE F - Other

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. Kelly Mills	4.27.17 @ 1000	1.
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:
2.		2.
RELINQUISHED BY:	DATE/TIME: 4-28-17	RECEIVED FOR LAB BY:
3.		3.

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant Cooler Temp. 4.2
MeOH extraction requires an additional 4 oz jar for percent solid.
Comments:
Ice in Cooler?: YES

Page _____ of _____

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☐ OVERNIGHT
CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT

Shipment Complete: ☐ YES ☐ NO

Revision 8/2007

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

I2902

KELLY MILLER
3155696477
PARSONS
301 PLAINFIELD ROAD
SYRACUSE NY 13212

7 LBS

1 OF 4

CL
4-28-17
10:00
4.2

SHIP TO:
LOREANA
9087898900
CHEMTECH
284 SHEFFIELD ST STE 1
MOUNTAINSIDE NJ 07092

NJ 078 9-61

UPS NEXT DAY AIR
TRACKING #: 1Z 307 W85 01 3425 4265
1

BILLING: P/P

Reference No.1: B1704012 Returns

XOL 17.04.02 NV45 84.0A 01/2017

Print Label

Page 1 of 3

I2902

KELLY MILLER
3155696477
PARSONS
301 PLAINFIELD ROAD
SYRACUSE NY 13212

7 LBS

2 OF 4

CL
4-28-17
10:00
4.0

SHIP TO:
LOREANA
9087898900
CHEMTECH
284 SHEFFIELD ST STE 1
MOUNTAINSIDE NJ 07092

NJ 078 9-61

UPS NEXT DAY AIR
TRACKING #: 1Z 307 W85 01 2212 0270
1

BILLING: P/P

Reference No.1: B1704012 Returns

XOL 17.04.02 NV45 84.0A 01/2017

7.2

I2902

KELLY MILLER
3155696477
PARSONS
301 PLAINFIELD ROAD
SYRACUSE NY 13212

7 LBS

4 OF 4

CL
4-28-17
10:00
3.5 C

SHIP TO:
LOREANA
9087898900
CHEMTECH
284 SHEFFIELD ST STE 1
MOUNTAINSIDE NJ 07092

NJ 078 9-61

UPS NEXT DAY AIR
TRACKING #: 1Z 307 W85 01 2168 3496

1

BILLING: P/P

Reference No.1: B1704012 Returns

XOL 17.04.02 NV45 84.0A 01/2017

TM

I2902

KELLY MILLER
3155696477
PARSONS
301 PLAINFIELD ROAD
SYRACUSE NY 13212

7 LBS

3

CL
4-28-17
10:00
3.7 C

SHIP TO:
LOREANA
9087898900
CHEMTECH
284 SHEFFIELD ST STE 1
MOUNTAINSIDE NJ 07092

NJ 078 9-61

UPS NEXT DAY AIR
TRACKING #: 1Z 307 W85 01 2344 4688

1

BILLING: P/P

Reference No.1: B1704012 Returns

XOL 17.04.02 NV45 84.0A 01/2017

From: Izabela Suchocka <Izabela@chemtech.net>
Sent: Friday, April 28, 2017 12:29 PM
To: 'Roth, Paul'
Subject: RE: Bridge St Samples

Thank you for the quick response in regards. We will proceed as stated.

Thank You

Best Regards ,
Izabela Suchocka

284 Sheffield St | Mountainside, NJ 07092
Direct: 908-728-3149
Fax: 908-789-8922
Izabela@chemtech.net | www.chemtech.net

From: Roth, Paul [mailto:Paul.Roth@parsons.com]
Sent: Friday, April 28, 2017 12:26 PM
To: Izabela@chemtech.net; tlblazicek@nyseg.com
Subject: RE: Bridge St Samples

Ok to proceed as you recommend below.

Thanks,
Paul

From: Izabela Suchocka [mailto:Izabela@chemtech.net]
Sent: Friday, April 28, 2017 12:23 PM
To: tlblazicek@nyseg.com
Cc: Roth, Paul <Paul.Roth@parsons.com>
Subject: Bridge St Samples

Hello,

We have received the Bridge Street samples I just want to confirm with you that for sample #4 (MW-6B) where you state that the vials have bubbles in them that we are okay to proceed with both of the vials. Also the field blank one out of the 3 vials has a bubble in them, so we will go ahead with both of the vials and if we need the 3rd one with the bubble we will let you know.

For sample MW-11B you had only provided us with one set for both MS and MSD where we usually require two sets. For the VOC analysis we can use one of the vials but if required for further analysis we will not have enough. For The SVOCs we can use 500 mL for each of the sample but that may elevate the RLS. Please let me know if you would like to proceed with splitting the volume for the MS and MSD samples.

Best Regards ,
Izabela Suchocka

284 Sheffield St | Mountainside, NJ 07092
Direct: 908-728-3149
Fax: 908-789-8922
Izabela@chemtech.net | www.chemtech.net[chemtech.net]

From: Roth, Paul <Paul.Roth@parsons.com>
Sent: Friday, April 28, 2017 1:09 PM
To: Izabela@chemtech.net
Subject: RE: Bridge St Samples

Please do the best you can with what you have and note it in the report

---

From: Izabela Suchocka [mailto:Izabela@chemtech.net]
Sent: Friday, April 28, 2017 1:00 PM
To: Roth, Paul <Paul.Roth@parsons.com>
Subject: RE: Bridge St Samples

Hi Paul,

After reviewing the samples the Field Blank was not transferred into the HCL vials it seems like they might just be our DI water. Please confirm that you want us to proceed with no preservative.

Thank you

Best Regards ,
Izabela Suchocka

284 Sheffield St | Mountainside, NJ 07092
Direct: 908-728-3149
Fax: 908-789-8922
Izabela@chemtech.net | www.chemtech.net[chemtech.net]

From: Roth, Paul [mailto:Paul.Roth@parsons.com]
Sent: Friday, April 28, 2017 12:26 PM
To: Izabela@chemtech.net; tlblazicek@nyseg.com
Subject: RE: Bridge St Samples

Ok to proceed as you recommend below.

Thanks,
Paul

From: Izabela Suchocka [mailto:Izabela@chemtech.net]
Sent: Friday, April 28, 2017 12:23 PM
To: tlblazicek@nyseg.com
Cc: Roth, Paul <Paul.Roth@parsons.com>
Subject: Bridge St Samples

Hello,

We have received the Bridge Street samples I just want to confirm with you that for sample #4 (MW-6B) where you state that the vials have bubbles in them that we are okay to proceed with both of the vials. Also the field blank one out of the 3 vials has a bubble in them, so we will go ahead with both of the vials and if we need the 3rd one with the bubble we will let you know.

For sample MW-11B you had only provided us with one set for both MS and MSD where we usually require two sets. For the VOC analysis we can use one of the vials but if required for further analysis we will not have enough. For The SVOCs we can use 500 mL for each of the sample but that may elevate the RLS. Please let me know if you would like to proceed with splitting the volume for the MS and MSD samples.

Best Regards ,
Izabela Suchocka

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Fax: 908-789-8922
Izabela@chemtech.net | www.chemtech.net[chemtech.net]

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	EP-W-14-030
Connecticut	PH-0649
DOD ELAP (L-A-B)	L2219
Florida	E87935
Maine	2012025
Maryland	296
New Hampshire	255413
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	P330-13-00380
Texas	T104704488-13-5

CHEMTECH

LOGIN REPORT/SAMPLE TRANSFER

Order ID : I2902 PARS02
Client Name : PARSONS MAIN of NEW
Client Contact : Paul Roth
Invoice Name : PARSONS MAIN of NEW
Invoice Contact : Paul Roth

Order Date : 04/26/2017
Project Name : NYSEG - Bridge St.
Receive DateTime : 4/28/2017 10:00:00 AM
Purchase Order :
Login Tech : nilesh

Project Mgr : Izabela
Report Type : NYS ASP B
EDD Type : NYSDEC EDD V-3
Hard Copy Date :
Date Signoff : 4/28/2017 12:25:48 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	COMMET	FAX DATE	DUE DATES
I2902-01	MW-1B	Water	04/26/2017	15:32	VOCMS Group1		8260-Low	10 Bus. Days		
I2902-02	MW-2B	Water	04/26/2017	15:55	VOCMS Group1		8260-Low	10 Bus. Days		
I2902-03	MW-3B	Water	04/26/2017	14:21	VOCMS Group1		8260-Low	10 Bus. Days		
I2902-04	MW-6B	Water	04/27/2017	08:41	VOCMS Group1		8260-Low	10 Bus. Days		
I2902-05	MW-7BS	Water	04/27/2017	09:15	VOCMS Group1		8260-Low	10 Bus. Days		
I2902-06	MW-7BD	Water	04/27/2017	09:00	VOCMS Group1		8260-Low	10 Bus. Days		
I2902-07	MW-9B	Water	04/27/2017	08:15	VOCMS Group1		8260-Low	10 Bus. Days		
I2902-08	MW-11B	Water	04/26/2017	14:36	VOCMS Group1		8260-Low	10 Bus. Days		
I2902-09	I2902-08MS	Water	04/26/2017	14:36	VOCMS Group1		8260-Low	10 Bus. Days		

CHEMTECH

LOGIN REPORT/SAMPLE TRANSFER

Order ID : I2902 PARS02
Client Name : PARSONS MAIN of NEW
Client Contact : Paul Roth
Invoice Name : PARSONS MAIN of NEW
Invoice Contact : Paul Roth

Order Date : 04/26/2017
Project Name : NYSEG - Bridge St.
Receive DateTime : 4/28/2017 10:00:00 AM
Purchase Order :
Login Tech : nilesh

Project Mgr : Izabela
Report Type : NYS ASP B
EDD Type : NYSDEC EDD V-3
Hard Copy Date :
Date Signoff : 4/28/2017 12:25:48 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	COMMET	FAX DATE	DUE DATES
					VOCMS Group1		8260-Low	10 Bus. Days		
I2902-10	I2902-08MSD	Water	04/26/2017	14:36						
					VOCMS Group1		8260-Low	10 Bus. Days		
I2902-11	MW-12B	Water	04/27/2017	12:00						
					VOCMS Group1		8260-Low	10 Bus. Days		
I2902-12	TB-42617	Water	04/26/2017	14:36						
					VOCMS Group1		8260-Low	10 Bus. Days		
I2902-13	EQUIPBLANK	Water	04/26/2017	14:36						
					VOCMS Group1		8260-Low	10 Bus. Days		
I2902-14	FB-42617	Water	04/26/2017	14:36						
					VOCMS Group1		8260-Low	10 Bus. Days		

Relinguished By : CL
Date / Time : 4/28-17 1200

Received By : [illegible]
Date / Time : 4/28/17 1302

Storage Area : VOA Refridgerator Room

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.

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Concentration Exceeds Criteria

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J:\Projects\11175784\DB\DB Files From Clifton Park\EDMS.mde
Printed: 6/12/2014 10:13:08 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							
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.

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Printed: 6/12/2014 10:13:08 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)			
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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Concentration Exceeds Criteria

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Printed: 6/12/2014 10:13:08 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			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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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-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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Concentration Exceeds Criteria

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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-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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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***					
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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APPENDIX C
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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APPENDIX C
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)	
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

*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-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

*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-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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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

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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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Concentration Exceeds Criteria

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Detection Limits shown are PQL

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

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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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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							
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.

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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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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.

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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.

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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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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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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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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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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.

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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			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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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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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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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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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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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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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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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

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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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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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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

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-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.

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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.

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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.

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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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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.

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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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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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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.

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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)		
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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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.

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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.

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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.

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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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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.

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-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.

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-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.

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-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.

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-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.

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***					
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.

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-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.

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***					
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.

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-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.

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-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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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-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

*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-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.

Flags assigned during chemistry validation are shown.

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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-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

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-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.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

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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-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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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-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.

Flags assigned during chemistry validation are shown.

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-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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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-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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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-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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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
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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Concentration Exceeds Criteria

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

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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

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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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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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