NYSEG

New York State Electric & Gas Corporation

Bridge Street Former Manufactured Gas Plant
Plattsburgh, New York

2009 ANNUAL OPERATION, MAINTENANCE, AND MONITORING SUMMARY REPORT

MARCH 1, 2010

Prepared For:
New York State Electric & Gas Corporation
Kirkwood Industrial Park
Binghamton, New York

URS

URS Corporation - New York
3 Corporate Drive, Suite 203
Clifton Park, New York 12065

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1.0 INTRODUCTION

On behalf of NYSEG (New York State Electric and Gas Corporation), URS Corporation – New York (URS) has prepared this *2009 Annual Operation, Maintenance, and Monitoring Summary Report (2009 OM&M Report)* for NYSEG's former Manufactured Gas Plant (MGP) 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 on 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 and remove it and 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.

The activities summarized in this *2009 OM&M Report* were conducted in accordance with the approved *OM&M Plan*. Activities include well inspections, water level measurements, Non-Aqueous Phase Liquid (NAPL) observations, and bedrock groundwater sampling.

This *2009 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 December 2009 annual site inspection and sampling event at the site in accordance with the March 2004 *ROD* and the NYSDEC-approved *OM&M Plan*. The tasks completed in December 2009 include:

- Task 1 - Annual Well Inspection and NAPL Monitoring
- Task 2 - Annual Groundwater Monitoring

The following subsections describe each of these tasks.

2.1 ANNUAL WELL INSPECTION AND NAPL MONITORING

On December 17, 2009, URS measured water levels in each well using an electronic water level indicator and checked for the presence of NAPL. The observations are summarized on Table 1. No indications of NAPL were observed in monitoring wells MW-1B, MW-3B, MW-9B, and MW-10B. A slight NAPL odor and sheen was observed in MW-7BS and MW-11B. Trace amounts of NAPL were observed in purge water from monitoring wells MW-2B, MW-6B, and MW-7BD. The previous NAPL observations in bedrock wells are summarized on Table 2. Only two bedrock wells had NAPL observations that were different than the October 2008 event (MW-7BS and MW-11B). During the October 2008 event, NAPL was observed in MW-7BS, however during the December 2009 event only a slight odor and sheen were observed. MW-11B did not have any NAPL related observations in October 2008, but a slight odor and sheen were observed in the December 2009 event.

The monitoring wells and general site conditions were inspected for damage. No physical damage was observed at any of the monitoring wells and site conditions were generally unchanged since URS' previous annual site visit on October 27 and 28, 2008.

2.2 ANNUAL GROUNDWATER MONITORING

On December 17 and 18, 2009, URS collected groundwater samples from nine bedrock-monitoring wells (MW-1B, MW-2B, MW-3B, MW-6B, MW-7BS, MW-7BD, MW-9B, MW-10B, and MW-11B). The monitoring well locations are shown on Figure 2.

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 the groundwater purging and sampling forms (Appendix A). The monitoring wells were purged until dry or three wells volumes had been removed. Monitoring well purge data are summarized on Table 1.

The samples were collected within 24 hours of purging using disposable bailers. The samples were placed into laboratory provided sampling containers in the following order: benzene, toluene, ethylbenzene, and xylenes (BTEX); total cyanide; total

phenols; and polycyclic aromatic hydrocarbons (PAHs). The samples were placed in coolers with sufficient ice to maintain a temperature of 4^{o}C.

The nine groundwater samples, one field duplicate sample collected from monitoring well MW-7BS, and one trip blank were shipped by Federal Express to Lancaster Laboratories, Inc. (Lancaster) in Lancaster, Pennsylvania. Four of the nine groundwater samples (MW-3B, MW-7BS, MW-7BD, and MW-10B) and the field duplicate were analyzed for BTEX by USEPA SW-846 Method 8260B, total cyanide by USEPA Method 335.4, total phenol by USEPA Method 420.4, and PAHs by USEPA SW-846 Method 8270C. The groundwater sample from MW-2B was analyzed for BTEX, cyanide, and Total Phenols only due to insufficient sample volume. The groundwater samples from MW-1B and MW-11B were analyzed for BTEX and cyanide only due to insufficient sample volume. The groundwater samples from MW-6B and MW-9B were analyzed for BTEX only due to insufficient sample volume. The trip blank was analyzed for BTEX only. Lancaster provided a standard analytical summary deliverable package (Appendix B). The laboratory analytical results are discussed in Section 3.0.

3.0 LABORATORY ANALYTICAL RESULTS

The groundwater analytical results for the bedrock groundwater samples collected on December 17 and 18, 2009 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 summarized in Appendix C.

Benzene, Toluene, Ethylbenzene, and Xylene

Concentrations of total BTEX ranged from not detected at MW-1B and MW-10B to 13,300 micrograms per liter (µg/L) at MW-2B. The following BTEX compounds were detected in one or more bedrock groundwater sample.

Summary of BTEX Compounds Detected in Bedrock Groundwater (December 2009)

Compound	Number of Detects (out of 9)	NYSDEC GW Standard[(a)] (µg/L)	Number of Exceedences	Maximum Concentration (µg/L)
Benzene	6	1	6	1,600 at MW-7BD*
Ethylbenzene	6	5	5	2,900 at MW-2B*
Toluene	7	5	5	4,100 at MW-2B*
Xylenes, total	6	5	5	4,800 at MW-2B*

Notes:
(a) NYSDEC Ambient Water Quality Standard (TOGS 1.1.1, NYSDEC, June 2004)
*- NAPL was detected in the monitoring well. The concentration may not be representative of groundwater quality.

The maximum concentrations of BTEX compounds were detected at MW-2B and MW-7BD. A trace of NAPL was detected in MW-2B, MW-6B, and MW-7BD. Therefore, the reported concentrations may not be representative of actual groundwater concentrations. As shown in Appendix C, concentrations of BTEX compounds detected in December 2009 were comparable to the concentrations detected during the previous sampling events. The total BTEX concentration detected in samples collected from MW-6B have increased since monitoring began in 2002.

Polycyclic aromatic Hydrocarbons

Groundwater samples were collected from four of the nine wells and analyzed for PAHs. A groundwater sample was not collected from MW-1B, MW-2B, MW-6B, MW-9B, and MW-11B due to insufficient volume after purging. Concentrations of total PAHs ranged from not detected at MW-10B to 19,245 µg/L at MW-7BD. The following PAHs were detected in one or more bedrock groundwater sample.

Summary of PAHs Detected in Bedrock Groundwater (December 2009)

Compound	Number of Detects (out of 4)	NYSDEC GW Standard[(a)] (µg/L)	Number of Exceedences (out of 6)	Maximum Concentration (µg/L)
Acenaphthene	3	[20]	3	610 at MW-7BD*
Acenaphthylene	3	NS	-	1,300 at MW-7BD*
Anthracene	2	[50]	1	750 at MW-7BD*
Benzo(a)anthracene	2	[0.002]	2	590 at MW-7BD*
Benzo(a)pyrene	1	ND	1	530 at MW-7BD*

Compound	Number of Detects (out of 4)	NYSDEC GW Standard[(a)] (µg/L)	Number of Exceedences (out of 6)	Maximum Concentration (µg/L)
Benzo(b)fluoranthene	1	[0.002]	1	420 at MW-7BD*
Benzo(k)fluoranthene	1	[0.002]	1	150 at MW-7BD*
Benzo(g,h,i)perylene	1	NS	-	370 at MW-7BD*
Chrysene	2	[0.002]	2	510 at MW-7BD*
Dibenzo(a,h)anthracene	1	NS	-	35 at MW-7BD*
Fluoranthene	2	[50]	1	1,400 at MW-7BD*
Fluorene	3	[50]	1	730 at MW-7BD*
Indeno(1,2,3-cd)pyrene	1	[0.002]	1	250 at MW-7BD*
Naphthalene	3	[10]	3	6,200 at MW-7BD*
Phenanthrene	3	[50]	1	3,200 at MW-7BD*
Pyrene	2	[50]	1	2,200 at MW-7BD*

Notes:
(a) – NYSDEC Ambient Water Quality Standard and Guidance Value (TOGS 1.1.1, NYSDEC, June 2004)
NS – No standard
[ ] indicates guidance value
* - NAPL was detected in the monitoring well. The concentration may not be representative of groundwater quality.

The maximum concentration of total PAHs was detected at MW-7BD. A trace of NAPL was detected in MW-7BD. In addition, several of the detected PAH concentrations exceed reported solubility limits in water. Therefore, the reported concentrations may not be representative of actual groundwater concentrations. As shown in Appendix C, concentrations of PAHs detected in December 2009 were comparable to the concentrations detected during previous sampling events. The maximum concentration of total PAHs detected during the October 2008 monitoring event was in the groundwater sample collected from MW-2B. A groundwater sample was not collected from MW-2B and analyzed for PAHs in December 2009 due to insufficient sample volume.

Phenol

Phenols were detected in groundwater samples collected from two of the five wells (MW-3B at an estimated concentration of 32 µg/L and MW-7BD at a concentration of 170 µg/L) from which samples were collected and analyzed for phenols. Both of these concentrations are above the NYSDEC Groundwater Standard of 1 µg/L. As shown in Appendix C, the concentrations of phenols detected in samples collected in December 2009 are similar to concentrations detected in previous sampling events.

Cyanide

Cyanide was not detected in any groundwater samples that were collected and analyzed for cyanide. As shown in Appendix C, the concentrations of cyanide detected in samples collected in December 2009 are similar to the concentrations detected during previous sampling events.

4.0 SUMMARY AND CONCLUSIONS

General Site Conditions

- During the December 2009 site inspection, no physical damage was observed at any of the monitoring wells and site conditions were generally unchanged since URS' previous annual site visit on October 27 and 28, 2008.

- During the December 2009 site inspection, no indications of NAPL were observed in monitoring wells MW-1B, MW-3B, MW-9B, and MW-10B. A slight NAPL odor and sheen was observed in MW-7BS and MW-11B. Trace amounts of NAPL were observed in purge water from monitoring wells MW-2B, MW-6B, and MW-7BD. Only two bedrock wells had NAPL observations that were different than the October 2008 event (MW-7BS and MW-11B). During the October 2008 event, NAPL was observed in MW-7BS, however during the December 2009 event only a slight odor and sheen were observed. MW-11B did not have any NAPL related observations in October 2008, but a slight odor and sheen were observed in the December 2009 event.

Bedrock Groundwater Samples

- Concentrations of BTEX compounds detected in December 2009 were generally consistent with concentrations detected during previous sampling events. The total BTEX concentration detected in samples collected from MW-6B have increased since monitoring began in 2002.

- Concentrations of PAH compounds detected in December 2009 were generally consistent with concentrations detected during previous sampling events. A trace of NAPL was detected in MW-2B, MW-6B, and MW-7BD. Several of the PAH concentrations detected in the sample collected from MW-7BD exceed reported solubility limits in water. Therefore, the reported concentrations may not be representative of actual groundwater concentrations. Groundwater samples were not collected from MW-2B or MW-6B and analyzed for PAHs in December 2009 due to insufficient sample volume.

- Concentrations of phenols detected in samples collected in December 2009 are consistent with concentrations detected during previous sampling events.

- Concentrations of cyanide detected in samples collected in December 2009 are consistent with concentrations detected during previous sampling events.

5.0 RECOMMENDATIONS

Based on the results prescribed in this *2009 OM&M Report,* URS makes the following recommendations.

- NYSEG should conduct a review of the existing groundwater monitoring program. All groundwater data collected to date should be evaluated to determine if the monitoring interval can be extended or if the analytical parameters can be modified. The review should be conducted in accordance with the ROD and DER-10-Technical Guidance for Site Investigation and Remediation.

6.0 REFERENCES

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

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TABLES

TABLE 1
SUMMARY OF WATER LEVELS, NAPL CHECKS, AND PURGING DATA
DECEMBER 2009

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)	Temperature (^{o}C)	pH	Turbidity (NTU)	Notes
MW-1B	12/17/2009	11.80	111.00	19	ND	1.81	9.8	7.82	42.7	Purged dry
MW-2B	12/17/2009	4.96	117.36	32	Trace LNAPL and DNAPL	5.84	10	13.64	90	Purged dry; Field parameters not measured after 20 gallons due to NAPL in water
MW-3B	12/17/2009	11.02	109.09	32	ND	1.88	9.7	8.83	450	Purged dry
MW-6B	12/17/2009	23.22	98.68	12	NAPL	NM	NM	NM	NM	Purged dry; Field parameters not measured due to NAPL in water.
MW-7BS	12/17/2009	2.64	118.08	25	slight odor and sheen	1.12	10.3	7.21	504	
MW-7BD	12/17/2009	8.68	112.38	27	Trace DNAPL	0.72	9.8	9.89	85	Purged dry
MW-9B	12/17/2009	25.64	95.42	5.0	ND	1.5	9.0	8.32	>1,000	Purged dry
MW-10B	12/17/2009	9.28	112.87	44	ND	1.48	5.9	7.67	>1,000	Purged dry
MW-11B	12/17/2009	5.77	114.04	29	slight odor and sheen	0.93	8.9	10.03	100	Purged dry

ND - No indications of NAPL detected.
NM - Not measured.

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
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	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	--	--	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

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
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

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
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

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 decomissioned
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 decomissioned
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

TABLE 2
SUMMARY OF HISTORIC NAPL OBSERVATIONS

NYSEG FORMER MGP SITE
BRIDGE STREET, PLATTSBURGH, NEW YORK

Well	Date	Odor	Sheen	Comments
MW-8BD	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 decomissioned
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
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

TABLE 2
SUMMARY OF HISTORIC NAPL OBSERVATIONS

NYSEG FORMER MGP SITE
BRIDGE STREET, PLATTSBURGH, NEW YORK

Well	Date	Odor	Sheen	Comments
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
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 decomisioned

TABLE 3
SUMMARY OF GROUNDWATER ANALYTICAL DATA - DECEMBER 2009
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-01B	MW-02B	MW-03B	MW-06B	MW-07BD
Sample ID			MW-1B	MW-2B	MW-3B	MW-6B	MW-7BD
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			12/18/09	12/18/09	12/18/09	12/18/09	12/18/09
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
Benzene	UG/L	1	5 U	1,500	880	34	1,600
Ethylbenzene	UG/L	5	5 U	2,900	620	180	1,100
Toluene	UG/L	5	5 U	4,100	540	190	2,100
Xylene (total)	UG/L	5	5 U	4,800	690	780	2,200
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	ND	13,300	2,730	1,184	7,000
Semivolatile Organic Compounds							
Acenaphthene	UG/L	20 GV	NA	NA	51	NA	610
Acenaphthylene	UG/L	NS	NA	NA	9	NA	1,300
Anthracene	UG/L	50 GV	NA	NA	5 U	NA	750
Benzo(a)anthracene	UG/L	0.002 GV	NA	NA	5 U	NA	590
Benzo(a)pyrene	UG/L	ND	NA	NA	5 U	NA	530
Benzo(b)fluoranthene	UG/L	0.002 GV	NA	NA	5 U	NA	420
Benzo(g,h,i)perylene	UG/L	NS	NA	NA	5 U	NA	370
Benzo(k)fluoranthene	UG/L	0.002 GV	NA	NA	5 U	NA	150
Chrysene	UG/L	0.002 GV	NA	NA	5 U	NA	510
Dibenz(a,h)anthracene	UG/L	NS	NA	NA	5 U	NA	35 J
Fluoranthene	UG/L	50 GV	NA	NA	5 U	NA	1,400
Fluorene	UG/L	50 GV	NA	NA	3 J	NA	730
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	NA	NA	5 U	NA	250
Naphthalene	UG/L	10 GV	NA	NA	1,600	NA	6,200
Phenanthrene	UG/L	50 GV	NA	NA	1 J	NA	3,200
Pyrene	UG/L	50 GV	NA	NA	5 U	NA	2,200
Total Semivolatile Organic Compounds	UG/L	-	NA	NA	1,664	NA	19,245

*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.

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

Analysis performed by Lancaster Laboratories, Inc. in Lancaster, PA

Detection Limits shown are PQL

TABLE 3
SUMMARY OF GROUNDWATER ANALYTICAL DATA - DECEMBER 2009
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-01B	MW-02B	MW-03B	MW-06B	MW-07BD
Sample ID			MW-1B	MW-2B	MW-3B	MW-6B	MW-7BD
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			12/18/09	12/18/09	12/18/09	12/18/09	12/18/09
Parameter	**Units**	**Criteria***					
Miscellaneous Parameters							
Cyanide	UG/L	200	10 U	10 U	10 U	NA	10 U
Phenolics, Total Recoverable	UG/L	1	NA	200 U	32 J	NA	170

*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.

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

Analysis performed by Lancaster Laboratories, Inc. in Lancaster, PA

Detection Limits shown are PQL

TABLE 3
SUMMARY OF GROUNDWATER ANALYTICAL DATA - DECEMBER 2009
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-07BS	MW-07BS	MW-09B	MW-10B	MW-11B
Sample ID			MW-12B	MW-7BS	MW-9B	MW-10B	MW-11B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			12/18/09	12/18/09	12/18/09	12/18/09	12/18/09
Parameter	**Units**	**Criteria***	Field Duplicate (1-1)				
Volatile Organic Compounds							
Benzene	UG/L	1	7	7	5 U	5 U	6
Ethylbenzene	UG/L	5	2 J	3 J	5 U	5 U	6
Toluene	UG/L	5	0.8 J	0.8 J	0.8 J	5 U	10
Xylene (total)	UG/L	5	3 J	3 J	5 U	5 U	24
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	12.8	13.8	0.8	ND	46
Semivolatile Organic Compounds							
Acenaphthene	UG/L	20 GV	24	25	NA	5 U	NA
Acenaphthylene	UG/L	NS	11	11	NA	5 U	NA
Anthracene	UG/L	50 GV	5	6	NA	5 U	NA
Benzo(a)anthracene	UG/L	0.002 GV	5 U	1 J	NA	5 U	NA
Benzo(a)pyrene	UG/L	ND	5 U	5 U	NA	5 U	NA
Benzo(b)fluoranthene	UG/L	0.002 GV	5 U	5 U	NA	5 U	NA
Benzo(g,h,i)perylene	UG/L	NS	5 U	5 U	NA	5 U	NA
Benzo(k)fluoranthene	UG/L	0.002 GV	5 U	5 U	NA	5 U	NA
Chrysene	UG/L	0.002 GV	5 U	1 J	NA	5 U	NA
Dibenz(a,h)anthracene	UG/L	NS	5 U	5 U	NA	5 U	NA
Fluoranthene	UG/L	50 GV	5 J	5 J	NA	5 U	NA
Fluorene	UG/L	50 GV	9	9	NA	5 U	NA
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	5 U	5 U	NA	5 U	NA
Naphthalene	UG/L	10 GV	23	23	NA	5 U	NA
Phenanthrene	UG/L	50 GV	31	30	NA	5 U	NA
Pyrene	UG/L	50 GV	6	7	NA	5 U	NA
Total Semivolatile Organic Compounds	UG/L	-	114	118	NA	ND	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.

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

Analysis performed by Lancaster Laboratories, Inc. in Lancaster, PA

Detection Limits shown are PQL

TABLE 3
SUMMARY OF GROUNDWATER ANALYTICAL DATA - DECEMBER 2009
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-07BS	MW-07BS	MW-09B	MW-10B	MW-11B
Sample ID			MW-12B	MW-7BS	MW-9B	MW-10B	MW-11B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			12/18/09	12/18/09	12/18/09	12/18/09	12/18/09
Parameter	**Units**	**Criteria***	Field Duplicate (1-1)				
Miscellaneous Parameters							
Cyanide	UG/L	200	10 U	10 U	NA	10 U	10 U
Phenolics, Total Recoverable	UG/L	1	40 U	40 U	NA	40 U	NA

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

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

NA - Not Analyzed. ND - Not Detected.

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit.

Analysis performed by Lancaster Laboratories, Inc. in Lancaster, PA

Detection Limits shown are PQL

FIGURES

GRAPHIC SCALE

0 30 60 90 Feet

SOURCE:
USGS 7 1/2 Minute Series Topographic Map
Plattsburgh, New York 1966

Title: SITE LOCATION MAP

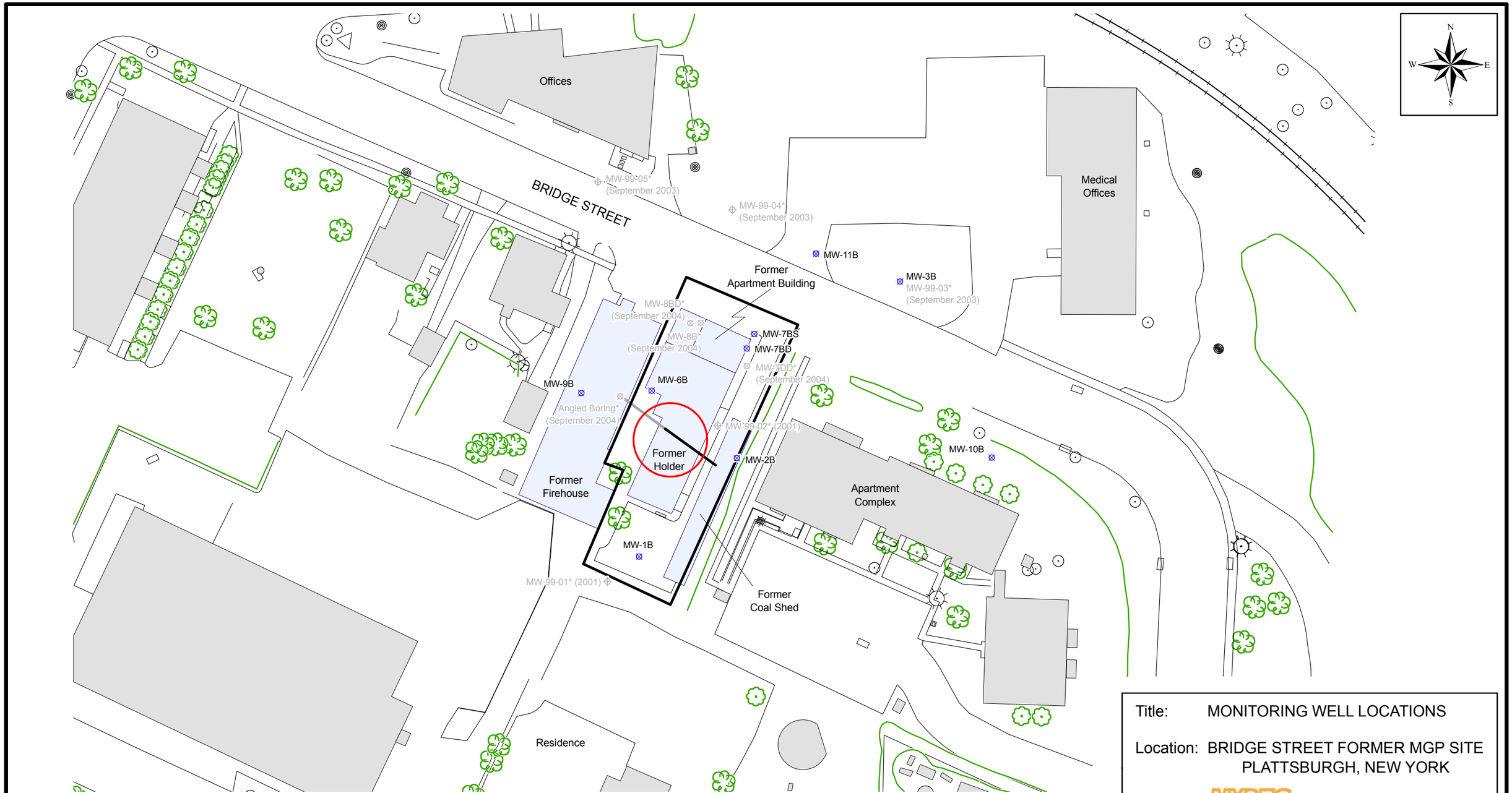
Location: BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Client: NYSEG NEW YORK STATE ELECTRIC AND GAS

URS Corporation
28 Corporate Drive, Suite 200
Clifton Park, New York 12065

Drafter:	Date:
DAD	December 2009
Drg. Size:	Job No.:
8.5X11	11176154.00000

FIGURE 1



LEGEND

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

GRAPHIC SCALE

0 30 60 90 Feet

Title: MONITORING WELL LOCATIONS

Location: BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Client: NYSEG NEW YORK STATE ELECTRIC AND GAS

URS Corporation
28 Corporate Drive, Suite 200
Clifton Park, New York 12065

Drafter: DAD	Date: December 2009
Drg. Size: 11x17	Job No.: 111756154.00000

FIGURE 2

I:\11175784\DB\GIS\02 MW LOCATIONS.mxd Revised: 1/23/2009

APPENDIX A
GROUNDWATER SAMPLE FIELD DATA SHEETS

GROUNDWATER SAMPLING DATA SHEET

WELL NO: MW-1B

Field Personnel:
A. Franzi
R. Skipp

Date: 12/17/2009
Job No.: 11176154.00000
Location: Plattsburgh, NY-Bridge Street

Total Well Depth (from top of casing): 40.25 feet

Depth to Water Surface Before Purging (from top of casing): - 11.80 feet

Height of Water Column: = 28.45 feet

Well Diameter (d): 4 inches Gals per ft: (d^2 x 0.0408) = x 0.653

One Well Volume of Water Before Purging: =18.58 gallons or _____ liters

Volume of water equal to three well volumes: 55.73 gallons or _____ liters

Purging Method: Bladder Pump/Waterra Pump/Peristaltic Pump/Bailer Meter #_____

Time	Volume Purged (Gallons / Liters)	Depth to Water (feet)	SC (mmhos/cm or µmhos)	Temp. (°F or °C)	pH (SU)	Turbidity (NTU)
Stabilization Criteria*			+/- 10%	+/-0.2 °C	+/- 0.1 SU	+/- 10%
1105	1		1.69	8.3	8.01	35
1108	5		1.76	9.9	7.82	19
1112	10		1.74	9.5	7.86	25
1114	15		1.81	9.8	7.82	42.7
	Well Dry at 19 Gallons					

Total Volume of Water Purged: 19 gallons

Sampling Data:
- Sampling Method: Bailer
- Depth of Pump intake or bailer: _____ feet
- Color: Odor: None Sheen/Appearance: None

Notes:

12-18-09 Samples Collected at 0840
3 40ml VOC 8260
1 500ml CN
Well Dry

GROUNDWATER SAMPLING DATA SHEET

WELL NO: MW-2B

Field Personnel:
A. Franzi
R. Skipp

Date: 12/17/2009
Job No.: 11176154.00000
Location: Plattsburgh, NY-Bridge Street

Total Well Depth (from top of casing): 39.75 feet

Depth to Water Surface Before Purging (from top of casing): -4.96 feet

Height of Water Column: = 34.79 feet

Well Diameter (d): 4 inches Gals per ft: (d^2 x 0.0408) = x 0.653

One Well Volume of Water Before Purging: =22.71 gallons or _____ liters

Volume of water equal to three well volumes: 68.15 gallons or _____ liters

Purging Method: Bladder Pump/Waterra Pump/Peristaltic Pump/Bailer Meter #_____

Time	Volume Purged (Gallons / Liters)	Depth to Water (feet)	SC (mmhos/cm or µmhos)	Temp. (°F or °C)	pH (SU)	Turbidity (NTU)	
Stabilization Criteria*			+/- 10%	+/-0.2 °C	+/- 0.1 SU	+/- 10%	
1505	1		1.24	6.8	12.84	12	
	5		3.56	8.5	13.28	29	
	10		4.59	8.5	13.43	50	Clear
	15		5.77	10.1	13.58	120	
	20		5.84	10.0	13.64	90	
	25 NR**						NAPL
1535	30 NR**						
	Dry at 32 Gallons						

Total Volume of Water Purged: 32 gallons

Sampling Data:
- Sampling Method: Bailer
- Depth of Pump intake or bailer: _____ feet
- Color: Odor: Sheen/Appearance:

Notes:

Trace LNAPL <5 gallons DNAPL - yes
** No readings after 25 gallons, NAPL present
12-18-09 Samples Collected at 1050
3 40ml VOC 8260
1 500ml CN
1/2 1000ml Phenol
Well Dry

GROUNDWATER SAMPLING DATA SHEET

WELL NO: MW-3B

Field Personnel:
A. Franzi
R. Skipp

Date: 12/17/2009
Job No.: 11176154.00000
Location: Plattsburgh, NY-Bridge Street

Total Well Depth (from top of casing): 60.81 feet

Depth to Water Surface Before Purging (from top of casing): - 11.02 feet

Height of Water Column: = 49.79 feet

Well Diameter (d): 4 inches Gals per ft: (d^2 x 0.0408) = x 0.653

One Well Volume of Water Before Purging: = 32.51 gallons or _____ liters

Volume of water equal to three well volumes: 97.5 gallons or _____ liters

Purging Method: Bladder Pump/Waterra Pump/Peristaltic Pump/Bailer Meter #_____

Time	Volume Purged (Gallons / Liters)	Depth to Water (feet)	SC (mmhos/cm or µmhos)	Temp. (°F or °C)	pH (SU)	Turbidity (NTU)
Stabilization Criteria*			+/- 10%	+/-0.2 °C	+/- 0.1 SU	+/- 10%
1420	1		1.27	10.1	8.30	18
	5		1.24	11.0	8.29	10
	10		1.29	11.2	8.42	4
	15		1.32	10.2	8.46	12
	20		1.49	10.1	8.59	75
1440	25		1.52	10.1	8.66	100
	30		1.88	9.7	8.83	450
	Dry at 32 Gallons					

Total Volume of Water Purged: 32 gallons

Sampling Data:
- Sampling Method: Bailer
- Depth of Pump intake or bailer: _____ feet
- Color: Odor: Sheen/Appearance:

Notes:

Sulfer Odor Noted at 10 gallons

12-18-09 Samples Collected at 1020
3 40ml VOC 8260
1 500ml CN
1 1000ml Phenol
2 1000ml PAHs

GROUNDWATER SAMPLING DATA SHEET

WELL NO: MW-6B

Field Personnel:
A. Franzi
R. Skipp

Date: 12/17/2009
Job No.: 11176154.00000
Location: Plattsburgh, NY-Bridge Street

Total Well Depth (from top of casing): 39 feet

Depth to Water Surface Before Purging (from top of casing): - 23.22 feet

Height of Water Column: = 15.78 feet

Well Diameter (d): 4 inches Gals per ft: (d^2 x 0.0408) = x 0.653

One Well Volume of Water Before Purging: =10.30 gallons or _____ liters

Volume of water equal to three well volumes: 30.91 gallons or _____ liters

Purging Method: Bladder Pump/Waterra Pump/Peristaltic Pump/Bailer Meter #_____

Time	Volume Purged (Gallons / Liters)	Depth to Water (feet)	SC (mmhos/cm or µmhos)	Temp. (°F or °C)	pH (SU)	Turbidity (NTU)
Stabilization Criteria*			+/- 10%	+/-0.2 °C	+/- 0.1 SU	+/- 10%
1540	1	**NAPL Present - No Parameters Taken**				
1550	5					
	10					
	Well Dry at 12 Gallons					

Total Volume of Water Purged: 12 gallons

Sampling Data:
- Sampling Method: Bailer
- Depth of Pump intake or bailer: _____ feet
- Color: Odor: Sheen/Appearance:

Notes:

12-18-09 Samples Collected at 1115
3 40ml VOC 8260

Well Dry

GROUNDWATER SAMPLING DATA SHEET

WELL NO: MW-7BS

Field Personnel:
A. Franzi
R. Skipp

Date: 12/17/2009
Job No.: 11176154.00000
Location: Plattsburgh, NY-Bridge Street

Total Well Depth (from top of casing): 14.4 feet

Depth to Water Surface Before Purging (from top of casing): - 2.64 feet

Height of Water Column: = 11.76 feet

Well Diameter (d): 4 inches Gals per ft: (d^2 x 0.0408) = x 0.653

One Well Volume of Water Before Purging: = 7.68 gallons or _____ liters

Volume of water equal to three well volumes: 23.04 gallons or _____ liters

Purging Method: Bladder Pump/Waterra Pump/Peristaltic Pump/Bailer Meter #_____

Time	Volume Purged (Gallons / Liters)	Depth to Water (feet)	SC (mmhos/cm or µmhos)	Temp. (°F or °C)	pH (SU)	Turbidity (NTU)
Stabilization Criteria*			+/- 10%	+/-0.2 °C	+/- 0.1 SU	+/- 10%
1315	1		1.09	7.2	7.68	252
	5		1.10	8.1	7.64	230
	10		1.09	8.9	7.49	NA
	15		1.11	9.6	7.28	581
	20		1.10	9.9	7.22	493
	25		1.12	10.3	7.21	504

Total Volume of Water Purged: 25 gallons

Sampling Data:
- Sampling Method: Bailer
- Depth of Pump intake or bailer: _____ feet
- Color: Odor: Sheen/Appearance: NAPL Sheen

Notes:
Rust Color/NAPL Odor at 7.5 gallons/sheen

12-18-09 Samples Collected at 0935
3 40ml VOC 8260 * Field Dup MW12-B 1200 collected for - full suite
1 500ml CN
1 1000ml Phenol
2 1000ml PAHs

GROUNDWATER SAMPLING DATA SHEET

WELL NO: MW-7BD

Field Personnel:
A. Franzi
R. Skipp

Date: 12/17/2009
Job No.: 11176154.00000
Location: Plattsburgh, NY-Bridge Street

Total Well Depth (from top of casing): 49.24 feet

Depth to Water Surface Before Purging (from top of casing): - 8.68 feet

Height of Water Column: = 40.56 feet

Well Diameter (d): 4 inches Gals per ft: (d^2 x 0.0408) = x 0.653

One Well Volume of Water Before Purging: = 26.49 gallons or _____ liters

Volume of water equal to three well volumes: 79.5 gallons or _____ liters

Purging Method: Bladder Pump/Waterra Pump/Peristaltic Pump/Bailer Meter #_____

Time	Volume Purged (Gallons / Liters)	Depth to Water (feet)	SC (mmhos/cm or µmhos)	Temp. (°F or °C)	pH (SU)	Turbidity (NTU)	
Stabilization Criteria*			+/- 10%	+/-0.2 °C	+/- 0.1 SU	+/- 10%	
1335			0.69	8.8	9.65	118	
	5		0.71	10.1	9.63	140	Odor
	10		0.70	10.1	9.71	150	
	15		0.73	9.8	9.78	110	
	20		0.69	8.7	9.91	95	NAPL
1405	25		0.72	9.8	9.89	85	
	Dry at 27 Gallons						

Total Volume of Water Purged: 27 gallons

Sampling Data:
- Sampling Method: Bailer
- Depth of Pump intake or bailer: _____ feet
- Color: Odor: Rusty Brown Sheen/Appearance: Sheen

Notes:

DNAPL encountered
Odor - NAPL
12-18-09 Samples Collected at 0955
3 40ml VOC 8260
1 500ml CN
1 1000ml Phenol
2 1000ml PAHs

GROUNDWATER SAMPLING DATA SHEET

WELL NO: MW-9B

Field Personnel:
A. Franzi
R. Skipp

Date: 12/17/2009
Job No.: 11176154.00000
Location: Plattsburgh, NY-Bridge Street

Total Well Depth (from top of casing): 35.05 feet

Depth to Water Surface Before Purging (from top of casing): - 25.64 feet

Height of Water Column: = 9.41 feet

Well Diameter (d): 4 inches Gals per ft: (d^2 x 0.0408) = x 0.653

One Well Volume of Water Before Purging: =6.14 gallons or _____ liters

Volume of water equal to three well volumes: 18.43 gallons or _____ liters

Purging Method: Bladder Pump/Waterra Pump/Peristaltic Pump/Bailer Meter #_____

Time	Volume Purged (Gallons / Liters)	Depth to Water (feet)	SC (mmhos/cm or µmhos)	Temp. (°F or °C)	pH (SU)	Turbidity (NTU)
Stabilization Criteria*			+/- 10%	+/-0.2 °C	+/- 0.1 SU	+/- 10%
1130	1		1.63	8.0	8.24	93.9
1135	5		1.50	9.0	8.32	*
	Well Dry at 5 Gallons					

Total Volume of Water Purged: 5 gallons

Sampling Data:
- Sampling Method: Bailer
- Depth of Pump intake or bailer: _____ feet
- Color: Odor: None Sheen/Appearance: Turbid

Notes:
* Bottom with sediment - very turbid, not able to read

12-18-09 Samples Collected at 0915
3 40ml VOC 8260

Well Dry

GROUNDWATER SAMPLING DATA SHEET

WELL NO: MW-10B

Field Personnel:
A. Franzi
R. Skipp

Date: 12/17/2009
Job No.: 11176154.00000
Location: Plattsburgh, NY-Bridge Street

Total Well Depth (from top of casing): 61.60 feet

Depth to Water Surface Before Purging (from top of casing): - 9.28 feet

Height of Water Column: = 52.32 feet

Well Diameter (d): 4 inches Gals per ft: (d^2 x 0.0408) = x 0.653

One Well Volume of Water Before Purging: = 34.16 gallons or _____ liters

Volume of water equal to three well volumes: 102.5 gallons or _____ liters

Purging Method: Bladder Pump/Waterra Pump/Peristaltic Pump/Bailer Meter #_____

Time	Volume Purged (Gallons / Liters)	Depth to Water (feet)	SC (mmhos/cm or µmhos)	Temp. (°F or °C)	pH (SU)	Turbidity (NTU)	
Stabilization Criteria*			+/- 10%	+/-0.2 °C	+/- 0.1 SU	+/- 10%	
1200	1		1.46	9.6	7.64	8.5	
	5		1.55	11.4	7.55	8.3	Clear
	10		1.54	11.2	7.53	14	
	15		1.48	8.4	7.67	13	
	20		1.53	10.2	7.54	8.4	
	25		1.58	9.5	7.20	538	
	30		1.71	9.7	7.39	180	Dark Gray with Sulfur Odor
1225	35		1.67	8.2	7.47	119	
	40		1.48	5.9	7.67		
	Dry at 44 Gallons						

Total Volume of Water Purged: 43 gallons

Sampling Data:
- Sampling Method: Bailer
- Depth of Pump intake or bailer: _____ feet
- Color: Odor: See side note Sheen/Appearance:

Notes:
*Extremely Turbid

12-18-09 0850 Samples
3 40ml VOC 8260
1 500ml CN
1 1000ml Phenol
2 1000ml PAHs

GROUNDWATER SAMPLING DATA SHEET

WELL NO: MW-11B

Page 1 of ____

Field Personnel:
A. Franzi
R. Skipp

Date: 12/17/2009
Job No.: 11176154.00000
Location: Plattsburgh, NY-Bridge Street

Total Well Depth (from top of casing): 39.1 feet

Depth to Water Surface Before Purging (from top of casing): - 5.77 feet

Height of Water Column: = 33.33 feet

Well Diameter (d): 4 inches Gals per ft: (d^2 x 0.0408) = x 0.653

One Well Volume of Water Before Purging: = 21.76 gallons or _____ liters

Volume of water equal to three well volumes: 65.29 gallons or _____ liters

Purging Method: Bladder Pump/Waterra Pump/Peristaltic Pump/Bailer Meter #_____

Time	Volume Purged (Gallons / Liters)	Depth to Water (feet)	SC (mmhos/cm or µmhos)	Temp. (°F or °C)	pH (SU)	Turbidity (NTU)
Stabilization Criteria*			+/- 10%	+/-0.2 °C	+/- 0.1 SU	+/- 10%
1020	1		1.07	11.3	9.90	95
1025	5		0.94	11.2	9.97	95
1028	10		0.92	9.9	9.97	400
1032	15		0.90	10.5	10.02	290
1035	20		0.92	10.6	10.02	140
1038	25		0.93	8.9	10.03	100
	Well Dry at 29 Gallons					

Total Volume of Water Purged: 29 gallons

Sampling Data:
- Sampling Method: Bailer
- Depth of Pump intake or bailer: _____ feet

- Color: Odor: NAPL odor Sheen/Appearance: Sheen

Notes:

12-18-09 Samples Collected at 0815
3 40ml VOC 8260
1 500ml CN
Well Dry

APPENDIX B
GROUNDWATER SAMPLE LABORATORY ANALYTICAL REPORT

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

ANALYTICAL RESULTS

Prepared for:

URS Corporation
77 Goodell Street
Buffalo NY 14203

716-923-1129

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

January 04, 2010

Project: Bridge St./11175784

Samples arrived at the laboratory on Saturday, December 19, 2009. The PO# for this group is 11175784. The group number for this submittal is 1176091.

Client Sample Description	Lancaster Labs (LLI) #
MW-1B Grab Water Sample	5869918
MW-2B Grab Water Sample	5869919
MW-3B Grab Water Sample	5869920
MW-6B Grab Water Sample	5869921
MW-7BS Grab Water Sample	5869922
MW-7BD Grab Water Sample	5869923
MW-9B Grab Water Sample	5869924
MW-10B Grab Water Sample	5869925
MW-11B Grab Water Sample	5869926
MW-12B Grab Water Sample	5869927
Trip Blank Water Sample	5869928

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC COPY TO	URS Corporation	Attn: Jim Lehnen
ELECTRONIC COPY TO	URS Corporation	Attn: Jennifer Gillies
1 COPY TO	Data Package Group	

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Analysis Report

Questions? Contact your Client Services Representative
Barbara A Weyandt at (717) 656-2300

Respectfully Submitted,

Robin C. Runkle
Senior Specialist

Lancaster Laboratories

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Analysis Report

Sample Description: MW-1B Grab Water Sample
Bridge St./11175784

LLI Sample # WW 5869918
LLI Group # 1176091
NY

Project Name: Bridge St./11175784

Collected: 12/18/2009 08:35 by AF

Account Number: 08371

Submitted: 12/19/2009 10:15
Reported: 01/04/2010 at 13:58
Discard: 01/19/2010

URS Corporation
77 Goodell Street
Buffalo NY 14203

BSP01 SDG#: PNY05-01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
02300	Benzene	71-43-2	N.D.	0.5	1
02300	Ethylbenzene	100-41-4	N.D.	0.8	1
02300	Toluene	108-88-3	N.D.	0.7	1
02300	Xylene (Total)	1330-20-7	N.D.	0.8	1
Wet Chemistry	**EPA 335.4**		**mg/l**	**mg/l**	
00237	Total Cyanide (water)	57-12-5	N.D.	0.0050	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX by 8260B	SW-846 8260B	1	N093622AA	12/29/2009 05:51	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N093622AA	12/29/2009 05:51	Angela D Sneeringer	1
00237	Total Cyanide (water)	EPA 335.4	1	09357102101B	12/23/2009 18:38	Joseph E McKenzie	1
00492	Cyanide Water Distillation	EPA 335.4	1	09357102101B	12/23/2009 09:40	Nancy J Shoop	1

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Analysis Report

Sample Description: MW-2B Grab Water Sample
Bridge St./11175784

LLI Sample # WW 5869919
LLI Group # 1176091
NY

Project Name: Bridge St./11175784

Collected: 12/18/2009 10:50 by AF

Account Number: 08371

Submitted: 12/19/2009 10:15
Reported: 01/04/2010 at 13:58
Discard: 01/19/2010

URS Corporation
77 Goodell Street
Buffalo NY 14203

BSP02 SDG#: PNY05-02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
02300	Benzene	71-43-2	1,500	25	50
02300	Ethylbenzene	100-41-4	2,900	40	50
02300	Toluene	108-88-3	4,100	35	50
02300	Xylene (Total)	1330-20-7	4,800	40	50
	Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 10.				
Wet Chemistry	**EPA 335.4**		**mg/l**	**mg/l**	
00237	Total Cyanide (water)	57-12-5	N.D.	0.0050	1
	EPA 420.4		**mg/l**	**mg/l**	
00434	Phenols (water)	n.a.	N.D.	0.075	1
	The reporting limit(s) for the analyte(s) above was raised due to matrix interference.				

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX by 8260B	SW-846 8260B	1	N093622AA	12/29/2009 07:00	Angela D Sneeringer	50
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N093622AA	12/29/2009 07:00	Angela D Sneeringer	50
00237	Total Cyanide (water)	EPA 335.4	1	09357102101B	12/23/2009 18:39	Joseph E McKenzie	1
00434	Phenols (water)	EPA 420.4	1	09357113101A	12/27/2009 11:32	Joseph E McKenzie	1
00492	Cyanide Water Distillation	EPA 335.4	1	09357102101B	12/23/2009 09:40	Nancy J Shoop	1
00491	Phenol Distillation (water)	EPA 420.4	1	09357113101A	12/23/2009 14:45	Carolyn M Mastropietro	1

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Analysis Report

Sample Description: MW-3B Grab Water Sample
Bridge St./11175784

LLI Sample # WW 5869920
LLI Group # 1176091
NY

Project Name: Bridge St./11175784

Collected: 12/18/2009 10:20 by AF

Account Number: 08371

Submitted: 12/19/2009 10:15
Reported: 01/04/2010 at 13:58
Discard: 01/19/2010

URS Corporation
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Buffalo NY 14203

BSP03 SDG#: PNY05-03

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**		**ug/l**	
02300	Benzene	71-43-2	880		5	10
02300	Ethylbenzene	100-41-4	620		8	10
02300	Toluene	108-88-3	540		7	10
02300	Xylene (Total)	1330-20-7	690		8	10
GC/MS Semivolatiles	**SW-846 8270C**		**ug/l**		**ug/l**	
07805	Acenaphthene	83-32-9	51		1	1
07805	Acenaphthylene	208-96-8	9		1	1
07805	Anthracene	120-12-7	N.D.		1	1
07805	Benzo(a)anthracene	56-55-3	N.D.		1	1
07805	Benzo(a)pyrene	50-32-8	N.D.		1	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.		1	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.		1	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.		1	1
07805	Chrysene	218-01-9	N.D.		1	1
07805	Dibenz(a,h)anthracene	53-70-3	N.D.		1	1
07805	Fluoranthene	206-44-0	N.D.		1	1
07805	Fluorene	86-73-7	3	J	1	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		1	1
07805	Naphthalene	91-20-3	1,600		19	20
07805	Phenanthrene	85-01-8	1	J	1	1
07805	Pyrene	129-00-0	N.D.		1	1
Wet Chemistry	**EPA 335.4**		**mg/l**		**mg/l**	
00237	Total Cyanide (water)	57-12-5	N.D.		0.0050	1
	EPA 420.4		**mg/l**		**mg/l**	
00434	Phenols (water)	n.a.	0.032	J	0.015	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX by 8260B	SW-846 8260B	1	N093622AA	12/29/2009 07:47	Angela D Sneeringer	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N093622AA	12/29/2009 07:47	Angela D Sneeringer	10
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09355WAH026	12/28/2009 14:30	Brian K Graham	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09355WAH026	12/30/2009 23:53	William T Parker	20

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Analysis Report

Sample Description: MW-3B Grab Water Sample
Bridge St./11175784

LLI Sample # WW 5869920
LLI Group # 1176091
NY

Project Name: Bridge St./11175784

Collected: 12/18/2009 10:20 by AF

Account Number: 08371

Submitted: 12/19/2009 10:15
Reported: 01/04/2010 at 13:58
Discard: 01/19/2010

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BSP03 SDG#: PNY05-03

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07807	BNA Water Extraction	SW-846 3510C	1	09355WAH026	12/22/2009 10:00	Cynthia J Salvatori	1
00237	Total Cyanide (water)	EPA 335.4	1	09357102101B	12/23/2009 18:40	Joseph E McKenzie	1
00434	Phenols (water)	EPA 420.4	1	09357113101A	12/27/2009 11:33	Joseph E McKenzie	1
00492	Cyanide Water Distillation	EPA 335.4	1	09357102101B	12/23/2009 09:40	Nancy J Shoop	1
00491	Phenol Distillation (water)	EPA 420.4	1	09357113101A	12/23/2009 14:45	Carolyn M Mastropietro	1

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Analysis Report

Sample Description: MW-6B Grab Water Sample
Bridge St./11175784

LLI Sample # WW 5869921
LLI Group # 1176091
NY

Project Name: Bridge St./11175784

Collected: 12/18/2009 11:15 by AF

Account Number: 08371

Submitted: 12/19/2009 10:15
Reported: 01/04/2010 at 13:58
Discard: 01/19/2010

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BSP06 SDG#: PNY05-04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
02300	Benzene	71-43-2	34	0.5	1
02300	Ethylbenzene	100-41-4	180	0.8	1
02300	Toluene	108-88-3	190	0.7	1
02300	Xylene (Total)	1330-20-7	780	0.8	1

Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 4.

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX by 8260B	SW-846 8260B	1	N093622AA	12/29/2009 08:10	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N093622AA	12/29/2009 08:10	Angela D Sneeringer	1

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Analysis Report

Sample Description: MW-7BS Grab Water Sample
Bridge St./11175784

LLI Sample # WW 5869922
LLI Group # 1176091
NY

Project Name: Bridge St./11175784

Collected: 12/18/2009 09:35 by AF

Account Number: 08371

Submitted: 12/19/2009 10:15
Reported: 01/04/2010 at 13:58
Discard: 01/19/2010

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Buffalo NY 14203

BSP7S SDG#: PNY05-05

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**		**ug/l**	
02300	Benzene	71-43-2	7		0.5	1
02300	Ethylbenzene	100-41-4	3	J	0.8	1
02300	Toluene	108-88-3	0.8	J	0.7	1
02300	Xylene (Total)	1330-20-7	3	J	0.8	1
GC/MS Semivolatiles	**SW-846 8270C**		**ug/l**		**ug/l**	
07805	Acenaphthene	83-32-9	25		1	1
07805	Acenaphthylene	208-96-8	11		1	1
07805	Anthracene	120-12-7	6		1	1
07805	Benzo(a)anthracene	56-55-3	1	J	1	1
07805	Benzo(a)pyrene	50-32-8	N.D.		1	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.		1	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.		1	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.		1	1
07805	Chrysene	218-01-9	1	J	1	1
07805	Dibenz(a,h)anthracene	53-70-3	N.D.		1	1
07805	Fluoranthene	206-44-0	5	J	1	1
07805	Fluorene	86-73-7	9		1	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		1	1
07805	Naphthalene	91-20-3	23		1	1
07805	Phenanthrene	85-01-8	30		1	1
07805	Pyrene	129-00-0	7		1	1
Wet Chemistry	**EPA 335.4**		**mg/l**		**mg/l**	
00237	Total Cyanide (water)	57-12-5	N.D.		0.0050	1
	EPA 420.4		**mg/l**		**mg/l**	
00434	Phenols (water)	n.a.	N.D.		0.015	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX by 8260B	SW-846 8260B	1	N093622AA	12/29/2009 08:33	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N093622AA	12/29/2009 08:33	Angela D Sneeringer	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09355WAH026	12/28/2009 14:54	Brian K Graham	1
07807	BNA Water Extraction	SW-846 3510C	1	09355WAH026	12/22/2009 10:00	Cynthia J Salvatori	1

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Analysis Report

Sample Description: MW-7BS Grab Water Sample
Bridge St./11175784

LLI Sample # WW 5869922
LLI Group # 1176091
NY

Project Name: Bridge St./11175784

Collected: 12/18/2009 09:35 by AF

Account Number: 08371

Submitted: 12/19/2009 10:15
Reported: 01/04/2010 at 13:58
Discard: 01/19/2010

URS Corporation
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BSP7S SDG#: PNY05-05

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00237	Total Cyanide (water)	EPA 335.4	1	09357102101B	12/23/2009 18:41	Joseph E McKenzie	1
00434	Phenols (water)	EPA 420.4	1	09357113101A	12/27/2009 11:34	Joseph E McKenzie	1
00492	Cyanide Water Distillation	EPA 335.4	1	09357102101B	12/23/2009 09:40	Nancy J Shoop	1
00491	Phenol Distillation (water)	EPA 420.4	1	09357113101A	12/23/2009 14:45	Carolyn M Mastropietro	1

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Analysis Report

Sample Description: MW-7BD Grab Water Sample
Bridge St./11175784

LLI Sample # WW 5869923
LLI Group # 1176091
NY

Project Name: Bridge St./11175784

Collected: 12/18/2009 09:55 by AF

Account Number: 08371

Submitted: 12/19/2009 10:15
Reported: 01/04/2010 at 13:58
Discard: 01/19/2010

URS Corporation
77 Goodell Street
Buffalo NY 14203

BSP7D SDG#: PNY05-06

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**		**ug/l**	
02300	Benzene	71-43-2	1,600		10	20
02300	Ethylbenzene	100-41-4	1,100		16	20
02300	Toluene	108-88-3	2,100		14	20
02300	Xylene (Total)	1330-20-7	2,200		16	20
GC/MS Semivolatiles	**SW-846 8270C**		**ug/l**		**ug/l**	
07805	Acenaphthene	83-32-9	610		10	10
07805	Acenaphthylene	208-96-8	1,300		96	100
07805	Anthracene	120-12-7	750		10	10
07805	Benzo(a)anthracene	56-55-3	590		10	10
07805	Benzo(a)pyrene	50-32-8	530		10	10
07805	Benzo(b)fluoranthene	205-99-2	420		10	10
07805	Benzo(g,h,i)perylene	191-24-2	370		10	10
07805	Benzo(k)fluoranthene	207-08-9	150		10	10
07805	Chrysene	218-01-9	510		10	10
07805	Dibenz(a,h)anthracene	53-70-3	35	J	10	10
07805	Fluoranthene	206-44-0	1,400		96	100
07805	Fluorene	86-73-7	730		10	10
07805	Indeno(1,2,3-cd)pyrene	193-39-5	250		10	10
07805	Naphthalene	91-20-3	6,200		96	100
07805	Phenanthrene	85-01-8	3,200		96	100
07805	Pyrene	129-00-0	2,200		96	100
Wet Chemistry	**EPA 335.4**		**mg/l**		**mg/l**	
00237	Total Cyanide (water)	57-12-5	N.D.		0.0050	1
	EPA 420.4		**mg/l**		**mg/l**	
00434	Phenols (water)	n.a.	0.17		0.015	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX by 8260B	SW-846 8260B	1	N093622AA	12/29/2009 09:19	Angela D Sneeringer	20
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N093622AA	12/29/2009 09:19	Angela D Sneeringer	20
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09355WAH026	12/28/2009 15:18	Brian K Graham	10
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09355WAH026	12/31/2009 00:18	William T Parker	100

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Analysis Report

Sample Description: MW-7BD Grab Water Sample
Bridge St./11175784

LLI Sample # WW 5869923
LLI Group # 1176091
NY

Project Name: Bridge St./11175784

Collected: 12/18/2009 09:55 by AF

Account Number: 08371

Submitted: 12/19/2009 10:15
Reported: 01/04/2010 at 13:58
Discard: 01/19/2010

URS Corporation
77 Goodell Street
Buffalo NY 14203

BSP7D SDG#: PNY05-06

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07807	BNA Water Extraction	SW-846 3510C	1	09355WAH026	12/22/2009 10:00	Cynthia J Salvatori	1
00237	Total Cyanide (water)	EPA 335.4	1	09357102101B	12/23/2009 18:43	Joseph E McKenzie	1
00434	Phenols (water)	EPA 420.4	1	09357113101A	12/27/2009 11:36	Joseph E McKenzie	1
00492	Cyanide Water Distillation	EPA 335.4	1	09357102101B	12/23/2009 09:40	Nancy J Shoop	1
00491	Phenol Distillation (water)	EPA 420.4	1	09357113101A	12/23/2009 14:45	Carolyn M Mastropietro	1

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Analysis Report

Sample Description: MW-9B Grab Water Sample
Bridge St./11175784

LLI Sample # WW 5869924
LLI Group # 1176091
NY

Project Name: Bridge St./11175784

Collected: 12/18/2009 09:15 by AF

Account Number: 08371

Submitted: 12/19/2009 10:15
Reported: 01/04/2010 at 13:58
Discard: 01/19/2010

URS Corporation
77 Goodell Street
Buffalo NY 14203

BSP09 SDG#: PNY05-07

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**		**ug/l**	
02300	Benzene	71-43-2	N.D.		0.5	1
02300	Ethylbenzene	100-41-4	N.D.		0.8	1
02300	Toluene	108-88-3	0.8	J	0.7	1
02300	Xylene (Total)	1330-20-7	N.D.		0.8	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX by 8260B	SW-846 8260B	1	N093622AA	12/29/2009 09:42	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N093622AA	12/29/2009 09:42	Angela D Sneeringer	1

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Analysis Report

Sample Description: MW-10B Grab Water Sample
Bridge St./11175784

LLI Sample # WW 5869925
LLI Group # 1176091
NY

Project Name: Bridge St./11175784

Collected: 12/18/2009 08:50 by AF

Account Number: 08371

Submitted: 12/19/2009 10:15
Reported: 01/04/2010 at 13:58
Discard: 01/19/2010

URS Corporation
77 Goodell Street
Buffalo NY 14203

BSP10 SDG#: PNY05-08

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
02300	Benzene	71-43-2	N.D.	0.5	1
02300	Ethylbenzene	100-41-4	N.D.	0.8	1
02300	Toluene	108-88-3	N.D.	0.7	1
02300	Xylene (Total)	1330-20-7	N.D.	0.8	1
GC/MS Semivolatiles	**SW-846 8270C**		**ug/l**	**ug/l**	
07805	Acenaphthene	83-32-9	N.D.	1	1
07805	Acenaphthylene	208-96-8	N.D.	1	1
07805	Anthracene	120-12-7	N.D.	1	1
07805	Benzo(a)anthracene	56-55-3	N.D.	1	1
07805	Benzo(a)pyrene	50-32-8	N.D.	1	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.	1	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.	1	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.	1	1
07805	Chrysene	218-01-9	N.D.	1	1
07805	Dibenz(a,h)anthracene	53-70-3	N.D.	1	1
07805	Fluoranthene	206-44-0	N.D.	1	1
07805	Fluorene	86-73-7	N.D.	1	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1	1
07805	Naphthalene	91-20-3	N.D.	1	1
07805	Phenanthrene	85-01-8	N.D.	1	1
07805	Pyrene	129-00-0	N.D.	1	1
Wet Chemistry	**EPA 335.4**		**mg/l**	**mg/l**	
00237	Total Cyanide (water)	57-12-5	N.D.	0.0050	1
	EPA 420.4		**mg/l**	**mg/l**	
00434	Phenols (water)	n.a.	N.D.	0.015	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX by 8260B	SW-846 8260B	1	N093622AA	12/29/2009 10:05	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N093622AA	12/29/2009 10:05	Angela D Sneeringer	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09355WAH026	12/31/2009 00:42	William T Parker	1
07807	BNA Water Extraction	SW-846 3510C	1	09355WAH026	12/22/2009 10:00	Cynthia J Salvatori	1

Lancaster Laboratories

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Analysis Report

Sample Description: MW-10B Grab Water Sample
Bridge St./11175784

LLI Sample # WW 5869925
LLI Group # 1176091
NY

Project Name: Bridge St./11175784

Collected: 12/18/2009 08:50 by AF

Account Number: 08371

Submitted: 12/19/2009 10:15
Reported: 01/04/2010 at 13:58
Discard: 01/19/2010

URS Corporation
77 Goodell Street
Buffalo NY 14203

BSP10 SDG#: PNY05-08

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00237	Total Cyanide (water)	EPA 335.4	1	09357102101B	12/23/2009 18:46	Joseph E McKenzie	1
00434	Phenols (water)	EPA 420.4	1	09357113101A	12/27/2009 11:39	Joseph E McKenzie	1
00492	Cyanide Water Distillation	EPA 335.4	1	09357102101B	12/23/2009 09:40	Nancy J Shoop	1
00491	Phenol Distillation (water)	EPA 420.4	1	09357113101A	12/23/2009 14:45	Carolyn M Mastropietro	1

Lancaster Laboratories

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Analysis Report

Sample Description: MW-11B Grab Water Sample
Bridge St./11175784

LLI Sample # WW 5869926
LLI Group # 1176091
NY

Project Name: Bridge St./11175784

Collected: 12/18/2009 08:15 by AF

Account Number: 08371

Submitted: 12/19/2009 10:15
Reported: 01/04/2010 at 13:58
Discard: 01/19/2010

URS Corporation
77 Goodell Street
Buffalo NY 14203

BSP11 SDG#: PNY05-09

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
02300	Benzene	71-43-2	6	0.5	1
02300	Ethylbenzene	100-41-4	6	0.8	1
02300	Toluene	108-88-3	10	0.7	1
02300	Xylene (Total)	1330-20-7	24	0.8	1
Wet Chemistry	**EPA 335.4**		**mg/l**	**mg/l**	
00237	Total Cyanide (water)	57-12-5	N.D.	0.0050	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX by 8260B	SW-846 8260B	1	N093622AA	12/29/2009 10:28	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N093622AA	12/29/2009 10:28	Angela D Sneeringer	1
00237	Total Cyanide (water)	EPA 335.4	1	09357102101B	12/23/2009 18:47	Joseph E McKenzie	1
00492	Cyanide Water Distillation	EPA 335.4	1	09357102101B	12/23/2009 09:40	Nancy J Shoop	1

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Analysis Report

Sample Description: MW-12B Grab Water Sample
Bridge St./11175784

LLI Sample # WW 5869927
LLI Group # 1176091
NY

Project Name: Bridge St./11175784

Collected: 12/18/2009 12:00 by AF

Account Number: 08371

Submitted: 12/19/2009 10:15
Reported: 01/04/2010 at 13:58
Discard: 01/19/2010

URS Corporation
77 Goodell Street
Buffalo NY 14203

BSP12 SDG#: PNY05-10

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**		**ug/l**	
02300	Benzene	71-43-2	7		0.5	1
02300	Ethylbenzene	100-41-4	2	J	0.8	1
02300	Toluene	108-88-3	0.8	J	0.7	1
02300	Xylene (Total)	1330-20-7	3	J	0.8	1
GC/MS Semivolatiles	**SW-846 8270C**		**ug/l**		**ug/l**	
07805	Acenaphthene	83-32-9	24		0.9	1
07805	Acenaphthylene	208-96-8	11		0.9	1
07805	Anthracene	120-12-7	5		0.9	1
07805	Benzo(a)anthracene	56-55-3	N.D.		0.9	1
07805	Benzo(a)pyrene	50-32-8	N.D.		0.9	1
07805	Benzo(b)fluoranthene	205-99-2	N.D.		0.9	1
07805	Benzo(g,h,i)perylene	191-24-2	N.D.		0.9	1
07805	Benzo(k)fluoranthene	207-08-9	N.D.		0.9	1
07805	Chrysene	218-01-9	N.D.		0.9	1
07805	Dibenz(a,h)anthracene	53-70-3	N.D.		0.9	1
07805	Fluoranthene	206-44-0	5	J	0.9	1
07805	Fluorene	86-73-7	9		0.9	1
07805	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		0.9	1
07805	Naphthalene	91-20-3	23		0.9	1
07805	Phenanthrene	85-01-8	31		0.9	1
07805	Pyrene	129-00-0	6		0.9	1
Wet Chemistry	**EPA 335.4**		**mg/l**		**mg/l**	
00237	Total Cyanide (water)	57-12-5	N.D.		0.0050	1
	EPA 420.4		**mg/l**		**mg/l**	
00434	Phenols (water)	n.a.	N.D.		0.015	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX by 8260B	SW-846 8260B	1	N093622AA	12/29/2009 10:51	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N093622AA	12/29/2009 10:51	Angela D Sneeringer	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09355WAH026	12/31/2009 01:06	William T Parker	1
07807	BNA Water Extraction	SW-846 3510C	1	09355WAH026	12/22/2009 10:00	Cynthia J Salvatori	1

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Analysis Report

Sample Description: MW-12B Grab Water Sample
Bridge St./11175784

LLI Sample # WW 5869927
LLI Group # 1176091
NY

Project Name: Bridge St./11175784

Collected: 12/18/2009 12:00 by AF

Account Number: 08371

Submitted: 12/19/2009 10:15
Reported: 01/04/2010 at 13:58
Discard: 01/19/2010

URS Corporation
77 Goodell Street
Buffalo NY 14203

BSP12 SDG#: PNY05-10

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00237	Total Cyanide (water)	EPA 335.4	1	09357102101B	12/23/2009 18:48	Joseph E McKenzie	1
00434	Phenols (water)	EPA 420.4	1	09357113101A	12/27/2009 11:40	Joseph E McKenzie	1
00492	Cyanide Water Distillation	EPA 335.4	1	09357102101B	12/23/2009 09:40	Nancy J Shoop	1
00491	Phenol Distillation (water)	EPA 420.4	1	09357113101A	12/23/2009 14:45	Carolyn M Mastropietro	1

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Analysis Report

Sample Description: Trip Blank Water Sample
Bridge St./11175784

LLI Sample # WW 5869928
LLI Group # 1176091
NY

Project Name: Bridge St./11175784

Collected: 12/18/2009 12:30

Account Number: 08371

Submitted: 12/19/2009 10:15
Reported: 01/04/2010 at 13:58
Discard: 01/19/2010

URS Corporation
77 Goodell Street
Buffalo NY 14203

BSPTB SDG#: PNY05-11TB*

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
02300	Benzene	71-43-2	N.D.	0.5	1
02300	Ethylbenzene	100-41-4	N.D.	0.8	1
02300	Toluene	108-88-3	N.D.	0.7	1
02300	Xylene (Total)	1330-20-7	N.D.	0.8	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX by 8260B	SW-846 8260B	1	N093622AA	12/29/2009 11:14	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N093622AA	12/29/2009 11:14	Angela D Sneeringer	1

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: URS Corporation Group Number: 1176091
Reported: 01/04/10 at 01:58 PM

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: N093622AA	Sample number(s): 5869918-5869928							
Benzene	N.D.	0.5	ug/l	91	93	79-120	2	30
Ethylbenzene	N.D.	0.8	ug/l	90	93	79-120	4	30
Toluene	N.D.	0.7	ug/l	91	95	79-120	4	30
Xylene (Total)	N.D.	0.8	ug/l	91	94	80-120	3	30
Batch number: 09355WAH026	Sample number(s): 5869920,5869922-5869923,5869925,5869927							
Acenaphthene	N.D.	1.	ug/l	97	97	82-110	0	30
Acenaphthylene	N.D.	1.	ug/l	102	102	80-122	0	30
Anthracene	N.D.	1.	ug/l	99	98	81-111	1	30
Benzo(a)anthracene	N.D.	1.	ug/l	98	97	80-110	0	30
Benzo(a)pyrene	N.D.	1.	ug/l	80	81	74-120	2	30
Benzo(b)fluoranthene	N.D.	1.	ug/l	83	81	66-125	2	30
Benzo(g,h,i)perylene	N.D.	1.	ug/l	89	89	71-125	1	30
Benzo(k)fluoranthene	N.D.	1.	ug/l	86	84	72-122	2	30
Chrysene	N.D.	1.	ug/l	100	99	82-112	1	30
Dibenz(a,h)anthracene	N.D.	1.	ug/l	85	85	74-131	0	30
Fluoranthene	N.D.	1.	ug/l	94	93	86-116	1	30
Fluorene	N.D.	1.	ug/l	94	95	82-113	1	30
Indeno(1,2,3-cd)pyrene	N.D.	1.	ug/l	85	85	69-121	0	30
Naphthalene	N.D.	1.	ug/l	93	92	77-107	1	30
Phenanthrene	N.D.	1.	ug/l	97	96	83-112	1	30
Pyrene	N.D.	1.	ug/l	111	113	80-115	2	30
Batch number: 09357102101B	Sample number(s): 5869918-5869920,5869922-5869923,5869925-5869927							
Total Cyanide (water)	N.D.	0.0050	mg/l	99		90-110		
Batch number: 09357113101A	Sample number(s): 5869919-5869920,5869922-5869923,5869925,5869927							
Phenols (water)	N.D.	0.015	mg/l	92		90-110		

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: N093622AA	Sample number(s): 5869918-5869928 UNSPK: 5869918								
Benzene	105		80-126						
Ethylbenzene	101		71-134						
Toluene	103		80-125						
Xylene (Total)	100		79-125						

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: URS Corporation Group Number: 1176091
Reported: 01/04/10 at 01:58 PM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 09357102101B	Sample number(s): 5869918-5869920,5869922-5869923,5869925-5869927 UNSPK: 5869927 BKG: 5869927								
Total Cyanide (water)	98		90-110			N.D.	N.D.	0 (1)	20
Batch number: 09357113101A	Sample number(s): 5869919-5869920,5869922-5869923,5869925,5869927 UNSPK: P870463								
Phenols (water)	92	98	90-110	6*	5				

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: BTEX by 8260B
Batch number: N093622AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5869918	102	106	101	91
5869919	97	102	99	95
5869920	97	102	99	96
5869921	99	104	98	97
5869922	97	102	98	94
5869923	98	103	98	95
5869924	97	104	99	92
5869925	98	104	98	90
5869926	98	104	98	93
5869927	98	102	98	93
5869928	98	103	99	90
Blank	100	104	101	89
LCS	99	106	103	99
LCSD	100	105	104	99
MS	99	102	104	99
Limits:	80-116	77-113	80-113	78-113

Analysis Name: PAHs in Water by GC/MS
Batch number: 09355WAH026

	Nitrobenzene-d5	2-Fluorobiphenyl	Terphenyl-d14
5869920	82	104	93
5869922	82	105	91
5869923	29*	35*	30*
5869925	82	101	89
5869927	81	100	90
Blank	80	99	100
LCS	80	99	105
LCSD	80	100	104
Limits:	64-121	63-114	47-114

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: URS Corporation Group Number: 1176091
Reported: 01/04/10 at 01:58 PM

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 8371 Group# 1176091 Sample # 5869918-28

COC # 224714

Please print. Instructions on reverse side correspond with circled numbers. cooler temp 2.0 - 5.3°C

For Lab Use Only
FSC:
SCR#: 84502

(1)
Client: URS Corp Acct. #:
Project Name/#: Bridge St./11175784 PWSID #:
Project Manager: Jennifer Gillies P.O.#:
Sampler: Albert Franzi/Ron Skipp Quote #:
Name of state where samples were collected: NY

(4) Matrix: ☐ Potable ☐ Non-Potable

(5) Analysis Requested — Preservation Codes: H | F | S | B

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(6) Remarks

(2) (3)

Sample Identification	Date Collected	Time Collected	(3) Grab	(3) Comp	(3) # of containers	Matrix: Water	Matrix: Soil	Preservation Codes	UST + Unleaded waters 8260B PAHs in water	Phenols	Total Cyanide	Remarks
MW-1B	12/14/09	0835	X	-	-	X	-	4	X			X	
MW-2B		1050	X	-	-	X	-	5	X		X	X	5 total containers
MW-3B		1020	X	-	-	X	-	7	X	X	X	X	
MW-6B		1115	X	-	-	X	-	3	X				
MW-7BS		0935	X	-	-	X	-	7	X	X	X	X	
MW-7BD		0955	X	-	-	X	-	7	X	X	X	X	
MW-9B		0915	X	-	-	X	-	3	X				
MW-10B		0850	X	-	-	X	-	7	X	X	X	X	
MW-11B		0815	X	-	-	X	-	4	X			X	
MW-12B		1200	X	-	-	X	-	7	X	X	X	X	

(7) **Turnaround Time Requested** (TAT) (please circle): (Normal) Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed:
Rush results requested by (please circle): Phone Fax E-mail
Phone #: 518 458 0015 Fax #: 518 458 0022
E-mail address: Jennifer.Gillies@URSCorp.com

(8) **Data Package Options** (please circle if required)
Type I (validation/NJ Reg)
Type II (Tier II)
Type III (Reduced NJ)
Type IV (CLP SOW)
Type VI (Raw Data Only)
TX TRRP-13
MA MCP CT RCP
SDG Complete? Yes No
Site-specific QC (MS/MSD/Dup)? (Yes) No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No

(9)

	Date	Time	Received by:	Date	Time
Relinquished by:	12/18/09	1509			
Relinquished by:	12/18/09	1400			
Relinquished by:					
Relinquished by:					
Relinquished by:			Received by: Laurie Hartline	12/19/09	10:15

Analysis Request/ Environmental Services Chain of Custody

Page 2 of 2

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 8311 Group# 1176091 Sample # 5869918-28

COC # 224715

Please print. Instructions on reverse side correspond with circled numbers. cooler temp 2.0-5.3°C

For Lab Use Only
FSC:
SCR#:

(1) Client: URS Corp Acct. #:
Project Name/#: Bridge ST/11175734 PWSID #:
Project Manager: Jennifer Gillis P.O.#:
Sampler: Albert Ramos / Ron Skipp Quote #:
Name of state where samples were collected: NY

(4) Matrix: Potable Water ☐ Non-Potable Water ☐ NPDES Applicable ☐

(5) Analyses Requested — Preservation Codes

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(6) Remarks

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Comp	Soil	Water	Other	# of containers	VOC - Unpreserved water 8260
Trip Blank	12/18/09	1230	X			X		3	X

(7) **Turnaround Time Requested** (TAT) (please circle): Normal Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed:
Rush results requested by (please circle): Phone Fax E-mail
Phone #: See pg 1 Fax #:
E-mail address:

(8) **Data Package Options** (please circle if required)
Type I (validation/NJ Reg) TX TRRP-13
Type II (Tier II) MA MCP CT RCP
Type III (Reduced NJ)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
	12/18/09	1400			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by: Lorie Hartline	12/19/09	10:15

Lancaster Laboratories

Environmental Sample Administration
Receipt Documentation Log

Client/Project: URS

Date of Receipt: 12/19/09

Time of Receipt: 10:15

Source Code: 01

Unpacker Emp. No.: 2114

Shipping Container Sealed: (YES) NO

Custody Seal Present * : (YES) NO

* Custody seal was intact unless otherwise noted in the discrepancy section

Package: (Chilled) Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	042975	5.3	TB	WI	Y	B	
2	↓	5.1	↓	↓	↓	↓	
3	↓	2.0	↓	↓	↓	↓	
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: *0

Paperwork Discrepancy/Unpacking Problems:

-MW-2B rcvd 5

*rcvd 2 trip blanks, not 3.

Sample Administration Internal Chain of Custody			
Name	Date	Time	Reason for Transfer
Kara Hartline	12/19/09	11:50	Unpacking to storage
Tammy Heberl	12/19/09	1244	Place in Storage or (Entry)
			Entry
			Entry

Lancaster Laboratories
Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
Cal	(diet) calories	**lb.**	pound(s)
meq	milliequivalents	**kg**	kilogram(s)
g	gram(s)	**mg**	milligram(s)
ug	microgram(s)	**l**	liter(s)
ml	milliliter(s)	**ul**	microliter(s)
m3	cubic meter(s)	**fib >5 um/ml**	fibers greater than 5 microns in length per ml

< less than – The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million – One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture.

U.S. EPA data qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quatitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
J	Estimated value
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike amount not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

WARRANTY AND LIMITS OF LIABILITY – In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL LANCASTER LABORATORIES BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF LANCASTER LABORATORIES AND (B) WHETHER LANCASTER LABORATORIES HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Lancaster Laboratories which includes any conditions that vary from the Standard Terms and Conditions of Lancaster Laboratories and we hereby object to any conflicting terms contained in any acceptance or order submitted by client.

APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA

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.

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit. 0 indicates quantitation limit (PQL) not available.

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NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-01B	MW-01B	MW-01B	MW-01B	MW-01B
Sample ID			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	9.43 U	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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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	NA	NA	NA	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 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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Detection Limits shown are PQL

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[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

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[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-02B	MW-02B
Sample ID			MW-01B 10/17/07	MW-1B	MW-1B	BSGDD0202	BSGDD0102
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/28/08	12/18/09	01/30/02	09/16/04
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
Benzene	UG/L	1	0.8 J	1 J	5 U	1,300	917
Ethylbenzene	UG/L	5	0.8 U	5 U	5 U	1,500	987
Toluene	UG/L	5	0.7 U	5 U	5 U	2,600	1,470
Xylene (total)	UG/L	5	0.8 U	5 U	5 U	2,800	1,800
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	0.8	1	ND	8,200	5,174
Semivolatile Organic Compounds							
2,4,6-Trichlorophenol	UG/L	1	NA	NA	NA	0 U	NA
2,4-Dinitrotoluene	UG/L	5	NA	NA	NA	0 U	NA
1,2-Diphenylhydrazine	UG/L	ND	NA	NA	NA	0 U	NA
Hexachlorobenzene	UG/L	0.04	NA	NA	NA	0 U	NA
Hexachloroethane	UG/L	5	NA	NA	NA	0 U	NA
Nitrobenzene	UG/L	0.4	NA	NA	NA	0 U	NA
1,2,4-Trichlorobenzene	UG/L	5	NA	NA	NA	0 U	NA
2,4-Dichlorophenol	UG/L	5	NA	NA	NA	0 U	NA
Pentachlorophenol	UG/L	1	NA	NA	NA	0 U	NA
2,4-Dimethylphenol	UG/L	50 GV	NA	NA	NA	0 U	NA
2,4-Dinitrophenol	UG/L	10 GV	NA	NA	NA	0 U	NA
1,2-Dichlorobenzene	UG/L	3	NA	NA	NA	0 U	NA
2,6-Dinitrotoluene	UG/L	5	NA	NA	NA	0 U	NA
2-Chloronaphthalene	UG/L	10 GV	NA	NA	NA	0 U	NA
2-Chlorophenol	UG/L	1	NA	NA	NA	0 U	NA
2-Methylnaphthalene	UG/L	NS	NA	NA	NA	170 J	556

*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-02B	MW-02B
Sample ID			MW-01B 10/17/07	MW-1B	MW-1B	BSGDD0202	BSGDD0102
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/28/08	12/18/09	01/30/02	09/16/04
Parameter	**Units**	**Criteria***					
Semivolatile Organic Compounds							
2-Nitrophenol	UG/L	1	NA	NA	NA	0 U	NA
3,3'-Dichlorobenzidine	UG/L	5	NA	NA	NA	0 U	NA
1,3-Dichlorobenzene	UG/L	3	NA	NA	NA	0 U	NA
4,6-Dinitro-2-methylphenol	UG/L	1	NA	NA	NA	0 U	NA
4-Bromophenyl-phenylether	UG/L	NS	NA	NA	NA	0 U	NA
1,4-Dichlorobenzene	UG/L	3	NA	NA	NA	0 U	NA
4-Chlorophenyl-phenylether	UG/L	NS	NA	NA	NA	0 U	NA
4-Chloro-3-methylphenol	UG/L	1	NA	NA	NA	0 U	NA
4-Nitrophenol	UG/L	1	NA	NA	NA	0 U	NA
Acenaphthene	UG/L	20 GV	1 U	NA	NA	26 J	94.2 J
Acenaphthylene	UG/L	NS	1 U	NA	NA	280	692
Anthracene	UG/L	50 GV	1 U	NA	NA	0 U	190 J
Benzidine	UG/L	5	NA	NA	NA	0 U	NA
Benzo(a)anthracene	UG/L	0.002 GV	1 U	NA	NA	0 U	122 J
Benzo(a)pyrene	UG/L	ND	1 U	NA	NA	0 U	128 J
Benzo(b)fluoranthene	UG/L	0.002 GV	1 U	NA	NA	0 U	54.3 J
Benzo(g,h,i)perylene	UG/L	NS	1 U	NA	NA	0 U	92.9 J
Benzo(k)fluoranthene	UG/L	0.002 GV	1 U	NA	NA	0 U	79.9 J
bis(2-Chloroisopropyl)ether	UG/L	NS	NA	NA	NA	0 U	NA
bis(2-Chloroethoxy)methane	UG/L	5	NA	NA	NA	0 U	117 J
bis(2-Chloroethyl)ether	UG/L	1	NA	NA	NA	0 U	NA
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	NA	NA	0 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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Concentration Exceeds Criteria

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

Location ID			MW-01B	MW-01B	MW-01B	MW-02B	MW-02B
Sample ID			MW-01B 10/17/07	MW-1B	MW-1B	BSGDD0202	BSGDD0102
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/28/08	12/18/09	01/30/02	09/16/04
Parameter	**Units**	**Criteria***					
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	NA	NA	NA	0 U	NA
Chrysene	UG/L	0.002 GV	1 U	NA	NA	NA	NA
Dibenz(a,h)anthracene	UG/L	NS	1 U	NA	NA	0 U	243 U
Dibenzofuran	UG/L	NS	NA	NA	NA	NA	NA
Diethylphthalate	UG/L	50 GV	NA	NA	NA	0 U	NA
Dimethylphthalate	UG/L	50 GV	NA	NA	NA	0 U	NA
Di-n-butylphthalate	UG/L	50	NA	NA	NA	0 U	NA
Hexachlorobutadiene	UG/L	0.5	NA	NA	NA	0 U	NA
Di-n-octylphthalate	UG/L	50 GV	NA	NA	NA	0 U	NA
Fluoranthene	UG/L	50 GV	1 U	NA	NA	0 U	348
Fluorene	UG/L	50 GV	1 U	NA	NA	34 J	247
Hexachlorocyclopentadiene	UG/L	5	NA	NA	NA	0 U	NA
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	1 U	NA	NA	0 U	55.5 J
Isophorone	UG/L	50 GV	NA	NA	NA	0 U	NA
Naphthalene	UG/L	10 GV	1 U	NA	NA	3,000	4,130
N-Nitrosodimethylamine	UG/L	NS	NA	NA	NA	0 U	NA
N-Nitrosodiphenylamine	UG/L	50 GV	NA	NA	NA	0 U	NA
Phenanthrene	UG/L	50 GV	1 U	NA	NA	68 J	950
Phenol	UG/L	1	NA	NA	NA	0 U	NA
Pyrene	UG/L	50 GV	1 U	NA	NA	0 U	520
Total Semivolatile Organic Compounds	UG/L	-	ND	NA	NA	3,578	8,376.8

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NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-01B	MW-01B	MW-01B	MW-02B	MW-02B
Sample ID			MW-01B 10/17/07	MW-1B	MW-1B	BSGDD0202	BSGDD0102
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/28/08	12/18/09	01/30/02	09/16/04
Parameter	**Units**	**Criteria***					
Metals							
Aluminum	UG/L	NS	NA	NA	NA	19,000	NA
Antimony	UG/L	3	NA	NA	NA	0 U	NA
Arsenic	UG/L	25	NA	NA	NA	0 U	NA
Barium	UG/L	1000	NA	NA	NA	670	NA
Cadmium	UG/L	5	NA	NA	NA	0 U	NA
Chromium	UG/L	50	NA	NA	NA	20	NA
Copper	UG/L	200	NA	NA	NA	49	NA
Iron	UG/L	300	NA	NA	NA	24,000	NA
Lead	UG/L	25	NA	NA	NA	38	NA
Manganese	UG/L	300	NA	NA	NA	380	NA
Mercury	UG/L	0.7	NA	NA	NA	0 U	NA
Nickel	UG/L	100	NA	NA	NA	0 U	NA
Selenium	UG/L	10	NA	NA	NA	0 U	NA
Silver	UG/L	50	NA	NA	NA	0 U	NA
Vanadium	UG/L	NS	NA	NA	NA	0 U	NA
Zinc	UG/L	2000 GV	NA	NA	NA	70	NA
Miscellaneous Parameters							
Cyanide	UG/L	200	5 U	NA	10 U	0 U	10 U
Free Cyanide	UG/L	NS	NA	NA	NA	0 U	NA
Phenolics, Total Recoverable	UG/L	1	NA	NA	NA	36	106

*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.

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit. 0 indicates quantitation limit (PQL) not available.

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-02B	MW-02B	MW-02B	MW-02B	MW-02B
Sample ID			DUP-09/16/04	BSGDD0102_9/21/05	DUP 09/21/05	MW-2B(09/12/2006)	MW-02B 10/17/07
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/16/04	09/21/05	09/21/05	09/12/06	10/17/07
Parameter	**Units**	**Criteria***	Field Duplicate (1-1)		Field Duplicate (1-1)		
Volatile Organic Compounds							
Benzene	UG/L	1	910	850	870	1,600	1,700
Ethylbenzene	UG/L	5	1,520	970	1,000	1,400	2,300
Toluene	UG/L	5	1,790	1,300	1,400	2,400	3,600
Xylene (total)	UG/L	5	2,800	1,600	1,700	2,200	3,900
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	7,020	4,720	4,970	7,600	11,500
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	457	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.

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit. 0 indicates quantitation limit (PQL) not available.

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-02B	MW-02B	MW-02B	MW-02B	MW-02B
Sample ID			DUP-09/16/04	BSGDD0102_9/21/05	DUP 09/21/05	MW-2B(09/12/2006)	MW-02B 10/17/07
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/16/04	09/21/05	09/21/05	09/12/06	10/17/07
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	67.4	7,100	19,000	90	11,000
Acenaphthylene	UG/L	NS	497	45,000	120,000	690	54,000
Anthracene	UG/L	50 GV	115	16,000	43,000	110	22,000
Benzidine	UG/L	5	NA	NA	NA	NA	NA
Benzo(a)anthracene	UG/L	0.002 GV	70.2	11,000	31,000	68	15,000
Benzo(a)pyrene	UG/L	ND	69.9	11,000	30,000	72	17,000
Benzo(b)fluoranthene	UG/L	0.002 GV	31.6 J	8,700	21,000	53	12,000
Benzo(g,h,i)perylene	UG/L	NS	94.2	6,600	17,000	51	12,000
Benzo(k)fluoranthene	UG/L	0.002 GV	37.4 J	4,200	7,500	22	3,300
bis(2-Chloroisopropyl)ether	UG/L	NS	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	UG/L	5	67.7	9,800	28,000	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.

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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-02B	MW-02B	MW-02B	MW-02B	MW-02B
Sample ID			DUP-09/16/04	BSGDD0102_9/21/05	DUP 09/21/05	MW-2B(09/12/2006)	MW-02B 10/17/07
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/16/04	09/21/05	09/21/05	09/12/06	10/17/07
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	NA	NA	NA	67	14,000
Dibenz(a,h)anthracene	UG/L	NS	13.3 J	1,000	2,500	8	1,600
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	208	33,000	85,000	200	41,000
Fluorene	UG/L	50 GV	161	18,000	50,000	200	27,000
Hexachlorocyclopentadiene	UG/L	5	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	71.5	4,500	12,000	42	9,600
Isophorone	UG/L	50 GV	NA	NA	NA	NA	NA
Naphthalene	UG/L	10 GV	4,030	150,000	380,000	6,000	200,000
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	30 J	79,000	200,000	570	110,000
Phenol	UG/L	1	NA	NA	NA	NA	NA
Pyrene	UG/L	50 GV	299	45,000	120,000	280	49,000
Total Semivolatile Organic Compounds	UG/L	-	6,320.2	449,900	1,166,000	8,523	598,500

*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.

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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-02B	MW-02B	MW-02B	MW-02B	MW-02B
Sample ID			DUP-09/16/04	BSGDD0102_9/21/05	DUP 09/21/05	MW-2B(09/12/2006)	MW-02B 10/17/07
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/16/04	09/21/05	09/21/05	09/12/06	10/17/07
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	NA
Free Cyanide	UG/L	NS	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	UG/L	1	118	12 U	12 U	61	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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[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-02B	MW-02B	MW-03B	MW-03B	MW-03B
Sample ID			MW-2B	MW-2B	MW-3B 10/04/02	BSGDD0203	BSGDD0203_9/21/05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/28/08	12/18/09	10/04/02	09/16/04	09/21/05
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
Benzene	UG/L	1	1,400	1,500	64	6.59	310
Ethylbenzene	UG/L	5	1,300	2,900	1 U	0.317 J	97
Toluene	UG/L	5	2,400	4,100	4	0.768 J	50
Xylene (total)	UG/L	5	2,200	4,800	1 U	2 U	81
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	7,300	13,300	68	7.675	538
Semivolatile Organic Compounds							
2,4,6-Trichlorophenol	UG/L	1	NA	NA	10 U	NA	NA
2,4-Dinitrotoluene	UG/L	5	NA	NA	10 U	NA	NA
1,2-Diphenylhydrazine	UG/L	ND	NA	NA	10 U	NA	NA
Hexachlorobenzene	UG/L	0.04	NA	NA	10 U	NA	NA
Hexachloroethane	UG/L	5	NA	NA	10 U	NA	NA
Nitrobenzene	UG/L	0.4	NA	NA	10 U	NA	NA
1,2,4-Trichlorobenzene	UG/L	5	NA	NA	10 U	NA	NA
2,4-Dichlorophenol	UG/L	5	NA	NA	10 U	NA	NA
Pentachlorophenol	UG/L	1	NA	NA	50 U	NA	NA
2,4-Dimethylphenol	UG/L	50 GV	NA	NA	10 U	NA	NA
2,4-Dinitrophenol	UG/L	10 GV	NA	NA	50 U	NA	NA
1,2-Dichlorobenzene	UG/L	3	NA	NA	10 U	NA	NA
2,6-Dinitrotoluene	UG/L	5	NA	NA	10 U	NA	NA
2-Chloronaphthalene	UG/L	10 GV	NA	NA	10 U	NA	NA
2-Chlorophenol	UG/L	1	NA	NA	10 U	NA	NA
2-Methylnaphthalene	UG/L	NS	NA	NA	10 U	9.52 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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NA - Not Analyzed. ND - Not Detected.

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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-03B	MW-03B	MW-03B
Sample ID			MW-2B	MW-2B	MW-3B 10/04/02	BSGDD0203	BSGDD0203_9/21/05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/28/08	12/18/09	10/04/02	09/16/04	09/21/05
Parameter	**Units**	**Criteria***					
Semivolatile Organic Compounds							
2-Nitrophenol	UG/L	1	NA	NA	10 U	NA	NA
3,3'-Dichlorobenzidine	UG/L	5	NA	NA	20 U	NA	NA
1,3-Dichlorobenzene	UG/L	3	NA	NA	10 U	NA	NA
4,6-Dinitro-2-methylphenol	UG/L	1	NA	NA	50 U	NA	NA
4-Bromophenyl-phenylether	UG/L	NS	NA	NA	10 U	NA	NA
1,4-Dichlorobenzene	UG/L	3	NA	NA	10 U	NA	NA
4-Chlorophenyl-phenylether	UG/L	NS	NA	NA	10 U	NA	NA
4-Chloro-3-methylphenol	UG/L	1	NA	NA	10 U	NA	NA
4-Nitrophenol	UG/L	1	NA	NA	50 U	NA	NA
Acenaphthene	UG/L	20 GV	67	NA	10 U	9.52 U	23
Acenaphthylene	UG/L	NS	500	NA	10 U	9.52 U	3 J
Anthracene	UG/L	50 GV	36	NA	10 U	9.52 U	1 U
Benzidine	UG/L	5	NA	NA	80 U	NA	NA
Benzo(a)anthracene	UG/L	0.002 GV	13	NA	10 U	9.52 U	1 U
Benzo(a)pyrene	UG/L	ND	14	NA	10 U	9.52 U	1 U
Benzo(b)fluoranthene	UG/L	0.002 GV	11	NA	10 U	9.52 U	1 U
Benzo(g,h,i)perylene	UG/L	NS	9	NA	10 U	9.52 U	1 U
Benzo(k)fluoranthene	UG/L	0.002 GV	4 J	NA	10 U	9.52 U	1 U
bis(2-Chloroisopropyl)ether	UG/L	NS	NA	NA	10 U	NA	NA
bis(2-Chloroethoxy)methane	UG/L	5	NA	NA	10 U	9.52 U	1 U
bis(2-Chloroethyl)ether	UG/L	1	NA	NA	10 U	NA	NA
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	NA	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.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

NA - Not Analyzed. ND - Not Detected.

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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-03B	MW-03B	MW-03B
Sample ID			MW-2B	MW-2B	MW-3B 10/04/02	BSGDD0203	BSGDD0203_9/21/05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/28/08	12/18/09	10/04/02	09/16/04	09/21/05
Parameter	**Units**	**Criteria***					
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	NA	NA	10 U	NA	NA
Chrysene	UG/L	0.002 GV	12	NA	NA	NA	NA
Dibenz(a,h)anthracene	UG/L	NS	5 J	NA	10 U	9.52 U	1 U
Dibenzofuran	UG/L	NS	NA	NA	10 U	NA	NA
Diethylphthalate	UG/L	50 GV	NA	NA	10 U	NA	NA
Dimethylphthalate	UG/L	50 GV	NA	NA	10 U	NA	NA
Di-n-butylphthalate	UG/L	50	NA	NA	10 U	NA	NA
Hexachlorobutadiene	UG/L	0.5	NA	NA	10 U	NA	NA
Di-n-octylphthalate	UG/L	50 GV	NA	NA	10 U	NA	NA
Fluoranthene	UG/L	50 GV	50	NA	10 U	9.52 U	1 U
Fluorene	UG/L	50 GV	100	NA	10 U	9.52 U	2 J
Hexachlorocyclopentadiene	UG/L	5	NA	NA	10 U	NA	NA
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	9	NA	10 U	9.52 U	1 U
Isophorone	UG/L	50 GV	NA	NA	10 U	NA	NA
Naphthalene	UG/L	10 GV	6,900	NA	10 U	9.52 U	440
N-Nitrosodimethylamine	UG/L	NS	NA	NA	10 U	NA	NA
N-Nitrosodiphenylamine	UG/L	50 GV	NA	NA	10 U	NA	NA
Phenanthrene	UG/L	50 GV	220	NA	10 U	9.52 U	1 J
Phenol	UG/L	1	NA	NA	10 U	NA	NA
Pyrene	UG/L	50 GV	68	NA	10 U	9.52 U	1 U
Total Semivolatile Organic Compounds	UG/L	-	8,018	NA	ND	ND	469

*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.

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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-02B	MW-02B	MW-03B	MW-03B	MW-03B
Sample ID			MW-2B	MW-2B	MW-3B 10/04/02	BSGDD0203	BSGDD0203_9/21/05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/28/08	12/18/09	10/04/02	09/16/04	09/21/05
Parameter	**Units**	**Criteria***					
Metals							
Aluminum	UG/L	NS	NA	NA	800	NA	NA
Antimony	UG/L	3	NA	NA	60 U	NA	NA
Arsenic	UG/L	25	NA	NA	5 U	NA	NA
Barium	UG/L	1000	NA	NA	10	NA	NA
Cadmium	UG/L	5	NA	NA	5 U	NA	NA
Chromium	UG/L	50	NA	NA	5 U	NA	NA
Copper	UG/L	200	NA	NA	5 U	NA	NA
Iron	UG/L	300	NA	NA	2,090	NA	NA
Lead	UG/L	25	NA	NA	5 U	NA	NA
Manganese	UG/L	300	NA	NA	30	NA	NA
Mercury	UG/L	0.7	NA	NA	0.4 U	NA	NA
Nickel	UG/L	100	NA	NA	50 U	NA	NA
Selenium	UG/L	10	NA	NA	5 U	NA	NA
Silver	UG/L	50	NA	NA	20 U	NA	NA
Vanadium	UG/L	NS	NA	NA	50 U	NA	NA
Zinc	UG/L	2000 GV	NA	NA	10 U	NA	NA
Miscellaneous Parameters							
Cyanide	UG/L	200	10 U	10 U	110	10 U	5 U
Free Cyanide	UG/L	NS	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	UG/L	1	51	200 U	NA	23.4	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.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

NA - Not Analyzed. ND - Not Detected.

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit. 0 indicates quantitation limit (PQL) not available.

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-03B	MW-03B	MW-03B	MW-03B	MW-03B
Sample ID			DUP20060912	MW-3B(09/12/2006)	MW-03B 10/17/07	MW-3B	MW-3B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/12/06	09/12/06	10/17/07	10/27/08	12/18/09
Parameter	**Units**	**Criteria***	Field Duplicate (1-1)				
Volatile Organic Compounds							
Benzene	UG/L	1	640	640	760	580	880
Ethylbenzene	UG/L	5	430	440	390	290	620
Toluene	UG/L	5	160	160	190	210	540
Xylene (total)	UG/L	5	290	290	290	310	690
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	1,520	1,530	1,630	1,390	2,730
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.

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit. 0 indicates quantitation limit (PQL) not available.

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-03B	MW-03B	MW-03B	MW-03B	MW-03B
Sample ID			DUP20060912	MW-3B(09/12/2006)	MW-03B 10/17/07	MW-3B	MW-3B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/12/06	09/12/06	10/17/07	10/27/08	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	37	37	43	23	51
Acenaphthylene	UG/L	NS	5	5	9	5	9
Anthracene	UG/L	50 GV	5 U	5 U	1 U	5 U	5 U
Benzidine	UG/L	5	NA	NA	NA	NA	NA
Benzo(a)anthracene	UG/L	0.002 GV	5 U	5 U	1 U	5 U	5 U
Benzo(a)pyrene	UG/L	ND	5 U	5 U	1 U	5 U	5 U
Benzo(b)fluoranthene	UG/L	0.002 GV	5 U	5 U	1 U	5 U	5 U
Benzo(g,h,i)perylene	UG/L	NS	5 U	5 U	1 U	5 U	5 U
Benzo(k)fluoranthene	UG/L	0.002 GV	5 U	5 U	1 U	5 U	5 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.

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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-03B	MW-03B	MW-03B	MW-03B	MW-03B
Sample ID			DUP20060912	MW-3B(09/12/2006)	MW-03B 10/17/07	MW-3B	MW-3B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/12/06	09/12/06	10/17/07	10/27/08	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	5 U	5 U	1 U	5 U	5 U
Dibenz(a,h)anthracene	UG/L	NS	5 U	5 U	1 U	5 U	5 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	1 U	5 U	5 U
Fluorene	UG/L	50 GV	3 J	3 J	4 J	1 J	3 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	1 U	5 U	5 U
Isophorone	UG/L	50 GV	NA	NA	NA	NA	NA
Naphthalene	UG/L	10 GV	1,300	1,200	1,100	1,200	1,600
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	2 J	2 J	5 U	1 J
Phenol	UG/L	1	NA	NA	NA	NA	NA
Pyrene	UG/L	50 GV	5 U	5 U	1 U	5 U	5 U
Total Semivolatile Organic Compounds	UG/L	-	1,347	1,247	1,158	1,229	1,664

*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			DUP20060912	MW-3B(09/12/2006)	MW-03B 10/17/07	MW-3B	MW-3B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/12/06	09/12/06	10/17/07	10/27/08	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	10 U	10 U	5 U	10 U	10 U
Free Cyanide	UG/L	NS	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	UG/L	1	35 J	41	23 J	40 U	32 J

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

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

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

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

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Concentration Exceeds Criteria

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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-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	9.8 U	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.

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-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	NA	NA	NA	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 Semivolatile Organic Compounds	UG/L	-	68	NA	24.29	NA	4,786

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

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Concentration Exceeds Criteria

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

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

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

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

Location ID			MW-06B	MW-06B	MW-06B	MW-07BD	MW-07BD
Sample ID			MW-06B 10/17/07	MW-6B	MW-6B	BSGDD0207	BSGDD0107
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/28/08	12/18/09	01/30/02	09/16/04
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
Benzene	UG/L	1	14	52	34	1,300	464
Ethylbenzene	UG/L	5	1 J	57	180	930	279
Toluene	UG/L	5	30	110	190	1,900	581
Xylene (total)	UG/L	5	91	410	780	2,300	855
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	136	629	1,184	6,430	2,179
Semivolatile Organic Compounds							
2,4,6-Trichlorophenol	UG/L	1	NA	NA	NA	0 U	NA
2,4-Dinitrotoluene	UG/L	5	NA	NA	NA	0 U	NA
1,2-Diphenylhydrazine	UG/L	ND	NA	NA	NA	0 U	NA
Hexachlorobenzene	UG/L	0.04	NA	NA	NA	0 U	NA
Hexachloroethane	UG/L	5	NA	NA	NA	0 U	NA
Nitrobenzene	UG/L	0.4	NA	NA	NA	0 U	NA
1,2,4-Trichlorobenzene	UG/L	5	NA	NA	NA	0 U	NA
2,4-Dichlorophenol	UG/L	5	NA	NA	NA	0 U	NA
Pentachlorophenol	UG/L	1	NA	NA	NA	0 U	NA
2,4-Dimethylphenol	UG/L	50 GV	NA	NA	NA	0 U	NA
2,4-Dinitrophenol	UG/L	10 GV	NA	NA	NA	0 U	NA
1,2-Dichlorobenzene	UG/L	3	NA	NA	NA	0 U	NA
2,6-Dinitrotoluene	UG/L	5	NA	NA	NA	0 U	NA
2-Chloronaphthalene	UG/L	10 GV	NA	NA	NA	0 U	NA
2-Chlorophenol	UG/L	1	NA	NA	NA	0 U	NA
2-Methylnaphthalene	UG/L	NS	NA	NA	NA	640	222 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.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

NA - Not Analyzed. ND - Not Detected.

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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-06B	MW-06B	MW-06B	MW-07BD	MW-07BD
Sample ID			MW-06B 10/17/07	MW-6B	MW-6B	BSGDD0207	BSGDD0107
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/28/08	12/18/09	01/30/02	09/16/04
Parameter	**Units**	**Criteria***					
Semivolatile Organic Compounds							
2-Nitrophenol	UG/L	1	NA	NA	NA	0 U	NA
3,3'-Dichlorobenzidine	UG/L	5	NA	NA	NA	0 U	NA
1,3-Dichlorobenzene	UG/L	3	NA	NA	NA	0 U	NA
4,6-Dinitro-2-methylphenol	UG/L	1	NA	NA	NA	0 U	NA
4-Bromophenyl-phenylether	UG/L	NS	NA	NA	NA	0 U	NA
1,4-Dichlorobenzene	UG/L	3	NA	NA	NA	0 U	NA
4-Chlorophenyl-phenylether	UG/L	NS	NA	NA	NA	0 U	NA
4-Chloro-3-methylphenol	UG/L	1	NA	NA	NA	0 U	NA
4-Nitrophenol	UG/L	1	NA	NA	NA	0 U	NA
Acenaphthene	UG/L	20 GV	120	160	NA	160 J	39.4
Acenaphthylene	UG/L	NS	760	670	NA	920	230 J
Anthracene	UG/L	50 GV	390	330	NA	240 J	26.6
Benzidine	UG/L	5	NA	NA	NA	0 U	NA
Benzo(a)anthracene	UG/L	0.002 GV	360	240	NA	100 J	11.9
Benzo(a)pyrene	UG/L	ND	380	250	NA	40 J	10.6
Benzo(b)fluoranthene	UG/L	0.002 GV	290	190	NA	44 J	4.94 J
Benzo(g,h,i)perylene	UG/L	NS	300	160	NA	0 U	8.08 J
Benzo(k)fluoranthene	UG/L	0.002 GV	120	74	NA	48 J	5.8 J
bis(2-Chloroisopropyl)ether	UG/L	NS	NA	NA	NA	0 U	NA
bis(2-Chloroethoxy)methane	UG/L	5	NA	NA	NA	100 J	11.2
bis(2-Chloroethyl)ether	UG/L	1	NA	NA	NA	0 U	NA
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	NA	NA	44 J	NA

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

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Concentration Exceeds Criteria

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

Location ID			MW-06B	MW-06B	MW-06B	MW-07BD	MW-07BD
Sample ID			MW-06B 10/17/07	MW-6B	MW-6B	BSGDD0207	BSGDD0107
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/28/08	12/18/09	01/30/02	09/16/04
Parameter	**Units**	**Criteria***					
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	NA	NA	NA	0 U	NA
Chrysene	UG/L	0.002 GV	350	210	NA	NA	NA
Dibenz(a,h)anthracene	UG/L	NS	54	34	NA	0 U	1.31 J
Dibenzofuran	UG/L	NS	NA	NA	NA	NA	NA
Diethylphthalate	UG/L	50 GV	NA	NA	NA	0 U	NA
Dimethylphthalate	UG/L	50 GV	NA	NA	NA	0 U	NA
Di-n-butylphthalate	UG/L	50	NA	NA	NA	0 U	NA
Hexachlorobutadiene	UG/L	0.5	NA	NA	NA	0 U	NA
Di-n-octylphthalate	UG/L	50 GV	NA	NA	NA	0 U	NA
Fluoranthene	UG/L	50 GV	940	580	NA	300 J	46.9
Fluorene	UG/L	50 GV	260	350	NA	300 J	62.6
Hexachlorocyclopentadiene	UG/L	5	NA	NA	NA	0 U	NA
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	240	110	NA	0 U	12.4
Isophorone	UG/L	50 GV	NA	NA	NA	0 U	NA
Naphthalene	UG/L	10 GV	830	500	NA	6,400	2,420
N-Nitrosodimethylamine	UG/L	NS	NA	NA	NA	0 U	NA
N-Nitrosodiphenylamine	UG/L	50 GV	NA	NA	NA	0 U	NA
Phenanthrene	UG/L	50 GV	1,500	1,400	NA	1,000	6.06 J
Phenol	UG/L	1	NA	NA	NA	0 U	NA
Pyrene	UG/L	50 GV	1,200	780	NA	560	56
Total Semivolatile Organic Compounds	UG/L	-	8,094	6,038	NA	10,896	3,175.79

*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-07BD	MW-07BD
Sample ID			MW-06B 10/17/07	MW-6B	MW-6B	BSGDD0207	BSGDD0107
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/28/08	12/18/09	01/30/02	09/16/04
Parameter	**Units**	**Criteria***					
Metals							
Aluminum	UG/L	NS	NA	NA	NA	5,400	NA
Antimony	UG/L	3	NA	NA	NA	0 U	NA
Arsenic	UG/L	25	NA	NA	NA	0 U	NA
Barium	UG/L	1000	NA	NA	NA	120	NA
Cadmium	UG/L	5	NA	NA	NA	0 U	NA
Chromium	UG/L	50	NA	NA	NA	0 U	NA
Copper	UG/L	200	NA	NA	NA	34	NA
Iron	UG/L	300	NA	NA	NA	128,000	NA
Lead	UG/L	25	NA	NA	NA	0 U	NA
Manganese	UG/L	300	NA	NA	NA	1,440	NA
Mercury	UG/L	0.7	NA	NA	NA	0 U	NA
Nickel	UG/L	100	NA	NA	NA	0 U	NA
Selenium	UG/L	10	NA	NA	NA	0 U	NA
Silver	UG/L	50	NA	NA	NA	0 U	NA
Vanadium	UG/L	NS	NA	NA	NA	0 U	NA
Zinc	UG/L	2000 GV	NA	NA	NA	4,140	NA
Miscellaneous Parameters							
Cyanide	UG/L	200	5 U	10 U	NA	0 U	10 U
Free Cyanide	UG/L	NS	NA	NA	NA	0 U	NA
Phenolics, Total Recoverable	UG/L	1	110	32 J	NA	207	31.1

*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			BSGDD0107_9/21/05	MW-7BD(09/12/2006)	MW-07BD 10/17/07	MW-7BD	MW-7BD
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***					
Volatile Organic Compounds							
Benzene	UG/L	1	830	1,100	1,400	820	1,600
Ethylbenzene	UG/L	5	980	780	660	550	1,100
Toluene	UG/L	5	1,300	1,400	1,600	850	2,100
Xylene (total)	UG/L	5	2,100	1,700	1,500	1,300	2,200
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	5,210	4,980	5,160	3,520	7,000
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			BSGDD0107_9/21/05	MW-7BD(09/12/2006)	MW-07BD 10/17/07	MW-7BD	MW-7BD
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***					
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	NA	530	79	210	610
Acenaphthylene	UG/L	NS	NA	2,700	360	840	1,300
Anthracene	UG/L	50 GV	NA	840	74	230	750
Benzidine	UG/L	5	NA	NA	NA	NA	NA
Benzo(a)anthracene	UG/L	0.002 GV	NA	610	45	160	590
Benzo(a)pyrene	UG/L	ND	NA	630	51	150	530
Benzo(b)fluoranthene	UG/L	0.002 GV	NA	470	39	120	420
Benzo(g,h,i)perylene	UG/L	NS	NA	400	35	93	370
Benzo(k)fluoranthene	UG/L	0.002 GV	NA	200	14	47 J	150
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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(oval) Concentration Exceeds Criteria

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

Location ID			MW-07BD	MW-07BD	MW-07BD	MW-07BD	MW-07BD
Sample ID			BSGDD0107_9/21/05	MW-7BD(09/12/2006)	MW-07BD 10/17/07	MW-7BD	MW-7BD
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***					
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Chrysene	UG/L	0.002 GV	NA	570	45	140	510
Dibenz(a,h)anthracene	UG/L	NS	NA	64	6	48 J	35 J
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	NA	2,000	140	490	1,400
Fluorene	UG/L	50 GV	NA	1,100	130	330	730
Hexachlorocyclopentadiene	UG/L	5	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	NA	330	30	90	250
Isophorone	UG/L	50 GV	NA	NA	NA	NA	NA
Naphthalene	UG/L	10 GV	NA	13,000	4,100	7,400	6,200
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	NA	4,800	400	1,300	3,200
Phenol	UG/L	1	NA	NA	NA	NA	NA
Pyrene	UG/L	50 GV	NA	2,800	170	720	2,200
Total Semivolatile Organic Compounds	UG/L	-	NA	31,044	5,718	12,368	19,245

*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			BSGDD0107_9/21/05	MW-7BD(09/12/2006)	MW-07BD 10/17/07	MW-7BD	MW-7BD
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***					
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	5 U	NA	10 U
Free Cyanide	UG/L	NS	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	UG/L	1	NA	300	150	620	170

*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			BSGDIM0207	BSGDIM0107	BSGDIM0107_9/21/05	MW-7BS(09/12/2006)	MW-07BS 10/17/07
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/29/02	09/16/04	09/21/05	09/12/06	10/17/07
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
Benzene	UG/L	1	86	29.1	35	64	22
Ethylbenzene	UG/L	5	79	20.8	18	21	10
Toluene	UG/L	5	45	6.1	5 J	8	3 J
Xylene (total)	UG/L	5	111	19.6	17	17	10
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	321	75.6	75	110	45
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	69	13.1	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			BSGDIM0207	BSGDIM0107	BSGDIM0107_9/21/05	MW-7BS(09/12/2006)	MW-07BS 10/17/07
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/29/02	09/16/04	09/21/05	09/12/06	10/17/07
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	114	66	130	59	42
Acenaphthylene	UG/L	NS	35	21.8	39	24	18
Anthracene	UG/L	50 GV	23	8.3 J	25	10	8
Benzidine	UG/L	5	80 U	NA	NA	NA	NA
Benzo(a)anthracene	UG/L	0.002 GV	10 U	1.29 J	11	5 U	0.9 U
Benzo(a)pyrene	UG/L	ND	10 U	0.982 J	13	5 U	0.9 U
Benzo(b)fluoranthene	UG/L	0.002 GV	10 U	9.52 U	11	5 U	0.9 U
Benzo(g,h,i)perylene	UG/L	NS	10 U	9.52 U	9	5 U	0.9 U
Benzo(k)fluoranthene	UG/L	0.002 GV	10 U	9.52 U	4 J	5 U	0.9 U
bis(2-Chloroisopropyl)ether	UG/L	NS	10 U	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	UG/L	5	10 U	1.2 J	11	NA	NA
bis(2-Chloroethyl)ether	UG/L	1	10 U	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	UG/L	5	10 U	NA	NA	NA	NA

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

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Concentration Exceeds Criteria

NA - Not Analyzed. ND - Not Detected.

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Detection Limits shown are PQL

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

Location ID			MW-07BS	MW-07BS	MW-07BS	MW-07BS	MW-07BS
Sample ID			BSGDIM0207	BSGDIM0107	BSGDIM0107_9/21/05	MW-7BS(09/12/2006)	MW-07BS 10/17/07
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/29/02	09/16/04	09/21/05	09/12/06	10/17/07
Parameter	**Units**	**Criteria***					
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	10 U	NA	NA	NA	NA
Chrysene	UG/L	0.002 GV	NA	NA	NA	5 U	0.9 U
Dibenz(a,h)anthracene	UG/L	NS	10 U	9.52 U	1 U	5 U	0.9 U
Dibenzofuran	UG/L	NS	2.9 J	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	6 J	8.69 J	44	8	6
Fluorene	UG/L	50 GV	33	17.7	40	19	16
Hexachlorocyclopentadiene	UG/L	5	10 U	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	10 U	9.52 U	6	5 U	0.9 U
Isophorone	UG/L	50 GV	10 U	NA	NA	NA	NA
Naphthalene	UG/L	10 GV	380	147	150	71	48
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	61	52.9	140	51	48
Phenol	UG/L	1	10 U	NA	NA	NA	NA
Pyrene	UG/L	50 GV	6 J	11	56	9	6
Total Semivolatile Organic Compounds	UG/L	-	729.9	349.962	689	251	192

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

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Concentration Exceeds Criteria

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

Location ID			MW-07BS	MW-07BS	MW-07BS	MW-07BS	MW-07BS
Sample ID			BSGDIM0207	BSGDIM0107	BSGDIM0107_9/21/05	MW-7BS(09/12/2006)	MW-07BS 10/17/07
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/29/02	09/16/04	09/21/05	09/12/06	10/17/07
Parameter	**Units**	**Criteria***					
Metals							
Aluminum	UG/L	NS	100 U	NA	NA	NA	NA
Antimony	UG/L	3	60 U	NA	NA	NA	NA
Arsenic	UG/L	25	6	NA	NA	NA	NA
Barium	UG/L	1000	30	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	5 U	NA	NA	NA	NA
Iron	UG/L	300	190	NA	NA	NA	NA
Lead	UG/L	25	5 U	NA	NA	NA	NA
Manganese	UG/L	300	160	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	40	7.97 J	5 U	10 U	5 U
Free Cyanide	UG/L	NS	10 U	NA	NA	NA	NA
Phenolics, Total Recoverable	UG/L	1	28	167	12 U	40 U	15 U

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

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

Location ID			MW-07BS	MW-07BS	MW-07BS	MW-07DD	MW-08B
Sample ID			MW-7BS	MW-12B	MW-7BS	MW-7DD 10/16/02	MW-8BS
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/27/08	12/18/09	12/18/09	10/16/02	12/28/01
Parameter	Units	Criteria*		Field Duplicate (1-1)			
Volatile Organic Compounds							
Benzene	UG/L	1	29	7	7	0.5 U	0.5 U
Ethylbenzene	UG/L	5	14	2 J	3 J	1 U	1 U
Toluene	UG/L	5	3 J	0.8 J	0.8 J	1 U	1 U
Xylene (total)	UG/L	5	12	3 J	3 J	1 U	1 U
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	58	12.8	13.8	ND	ND
Semivolatile Organic Compounds							
2,4,6-Trichlorophenol	UG/L	1	NA	NA	NA	10 U	10 U
2,4-Dinitrotoluene	UG/L	5	NA	NA	NA	10 U	10 U
1,2-Diphenylhydrazine	UG/L	ND	NA	NA	NA	10 U	10 U
Hexachlorobenzene	UG/L	0.04	NA	NA	NA	10 U	10 U
Hexachloroethane	UG/L	5	NA	NA	NA	10 U	10 U
Nitrobenzene	UG/L	0.4	NA	NA	NA	10 U	10 U
1,2,4-Trichlorobenzene	UG/L	5	NA	NA	NA	10 U	10 U
2,4-Dichlorophenol	UG/L	5	NA	NA	NA	10 U	10 U
Pentachlorophenol	UG/L	1	NA	NA	NA	50 U	50 U
2,4-Dimethylphenol	UG/L	50 GV	NA	NA	NA	10 U	10 U
2,4-Dinitrophenol	UG/L	10 GV	NA	NA	NA	50 U	50 U
1,2-Dichlorobenzene	UG/L	3	NA	NA	NA	10 U	10 U
2,6-Dinitrotoluene	UG/L	5	NA	NA	NA	10 U	10 U
2-Chloronaphthalene	UG/L	10 GV	NA	NA	NA	10 U	10 U
2-Chlorophenol	UG/L	1	NA	NA	NA	10 U	10 U
2-Methylnaphthalene	UG/L	NS	NA	NA	NA	10 U	10 U

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

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

NA - Not Analyzed. ND - Not Detected.

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Detection Limits shown are PQL

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

Location ID			MW-07BS	MW-07BS	MW-07BS	MW-07DD	MW-08B
Sample ID			MW-7BS	MW-12B	MW-7BS	MW-7DD 10/16/02	MW-8BS
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/27/08	12/18/09	12/18/09	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	53	24	25	10 U	10 U
Acenaphthylene	UG/L	NS	23	11	11	10 U	10 U
Anthracene	UG/L	50 GV	18	5	6	10 U	10 U
Benzidine	UG/L	5	NA	NA	NA	80 U	80 U
Benzo(a)anthracene	UG/L	0.002 GV	9 J	5 U	1 J	10 U	10 U
Benzo(a)pyrene	UG/L	ND	5 J	5 U	5 U	10 U	10 U
Benzo(b)fluoranthene	UG/L	0.002 GV	4 J	5 U	5 U	10 U	10 U
Benzo(g,h,i)perylene	UG/L	NS	2 J	5 U	5 U	10 U	10 U
Benzo(k)fluoranthene	UG/L	0.002 GV	3 J	5 U	5 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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Concentration Exceeds Criteria

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

Location ID			MW-07BS	MW-07BS	MW-07BS	MW-07DD	MW-08B
Sample ID			MW-7BS	MW-12B	MW-7BS	MW-7DD 10/16/02	MW-8BS
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/27/08	12/18/09	12/18/09	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	8 J	5 U	1 J	NA	NA
Dibenz(a,h)anthracene	UG/L	NS	10 U	5 U	5 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	26	5 J	5 J	10 U	10 U
Fluorene	UG/L	50 GV	23	9	9	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	9 J	5 U	5 U	10 U	10 U
Isophorone	UG/L	50 GV	NA	NA	NA	10 U	10 U
Naphthalene	UG/L	10 GV	56	23	23	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	90	31	30	10 U	10 U
Phenol	UG/L	1	NA	NA	NA	140	10 U
Pyrene	UG/L	50 GV	33	6	7	10 U	10 U
Total Semivolatile Organic Compounds	UG/L	-	362	114	118	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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Concentration Exceeds Criteria

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

Location ID			MW-07BS	MW-07BS	MW-07BS	MW-07DD	MW-08B
Sample ID			MW-7BS	MW-12B	MW-7BS	MW-7DD 10/16/02	MW-8BS
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/27/08	12/18/09	12/18/09	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	6.0 J	10 U	10 U	20	10 U
Free Cyanide	UG/L	NS	NA	NA	NA	NA	10 U
Phenolics, Total Recoverable	UG/L	1	40 U	40 U	40 U	NA	2 U

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

Location ID			MW-08BD	MW-09B	MW-09B	MW-09B	MW-09B
Sample ID			BSGDD0208	BSGDD0209	BSGDD0109	BSGDD0109_9/21/05	MW-9B(09/12/2006)
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			02/27/02	01/30/02	09/16/04	09/21/05	09/12/06
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
Benzene	UG/L	1	0.5 U	3	0.434 J	0.5 U	5 U
Ethylbenzene	UG/L	5	1 U	0 U	1 U	0.8 U	5 U
Toluene	UG/L	5	1 U	0 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	0 U	NA	NA	NA
2,4-Dinitrotoluene	UG/L	5	17 U	0 U	NA	NA	NA
1,2-Diphenylhydrazine	UG/L	ND	17 U	0 U	NA	NA	NA
Hexachlorobenzene	UG/L	0.04	17 U	0 U	NA	NA	NA
Hexachloroethane	UG/L	5	17 U	0 U	NA	NA	NA
Nitrobenzene	UG/L	0.4	17 U	0 U	NA	NA	NA
1,2,4-Trichlorobenzene	UG/L	5	17 U	0 U	NA	NA	NA
2,4-Dichlorophenol	UG/L	5	17 U	0 U	NA	NA	NA
Pentachlorophenol	UG/L	1	83 U	0 U	NA	NA	NA
2,4-Dimethylphenol	UG/L	50 GV	17 U	0 U	NA	NA	NA
2,4-Dinitrophenol	UG/L	10 GV	83 U	0 U	NA	NA	NA
1,2-Dichlorobenzene	UG/L	3	17 U	0 U	NA	NA	NA
2,6-Dinitrotoluene	UG/L	5	17 U	0 U	NA	NA	NA
2-Chloronaphthalene	UG/L	10 GV	17 U	0 U	NA	NA	NA
2-Chlorophenol	UG/L	1	17 U	0 U	NA	NA	NA
2-Methylnaphthalene	UG/L	NS	17 U	0 U	9.62 U	NA	NA

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

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

Location ID			MW-08BD	MW-09B	MW-09B	MW-09B	MW-09B
Sample ID			BSGDD0208	BSGDD0209	BSGDD0109	BSGDD0109_9/21/05	MW-9B(09/12/2006)
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			02/27/02	01/30/02	09/16/04	09/21/05	09/12/06
Parameter	**Units**	**Criteria***					
Semivolatile Organic Compounds							
2-Nitrophenol	UG/L	1	17 U	0 U	NA	NA	NA
3,3'-Dichlorobenzidine	UG/L	5	33 U	0 U	NA	NA	NA
1,3-Dichlorobenzene	UG/L	3	17 U	0 U	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/L	1	83 U	0 U	NA	NA	NA
4-Bromophenyl-phenylether	UG/L	NS	17 U	0 U	NA	NA	NA
1,4-Dichlorobenzene	UG/L	3	17 U	0 U	NA	NA	NA
4-Chlorophenyl-phenylether	UG/L	NS	17 U	0 U	NA	NA	NA
4-Chloro-3-methylphenol	UG/L	1	17 U	0 U	NA	NA	NA
4-Nitrophenol	UG/L	1	83 U	0 U	NA	NA	NA
Acenaphthene	UG/L	20 GV	17 U	0 U	9.62 U	NA	1 J
Acenaphthylene	UG/L	NS	17 U	0 U	1.87 J	NA	6 U
Anthracene	UG/L	50 GV	17 U	0 U	9.62 U	NA	6 U
Benzidine	UG/L	5	130 U	0 U	NA	NA	NA
Benzo(a)anthracene	UG/L	0.002 GV	17 U	0 U	9.62 U	NA	6 U
Benzo(a)pyrene	UG/L	ND	17 U	0 U	9.62 U	NA	6 U
Benzo(b)fluoranthene	UG/L	0.002 GV	17 U	0 U	9.62 U	NA	6 U
Benzo(g,h,i)perylene	UG/L	NS	17 U	0 U	9.62 U	NA	6 U
Benzo(k)fluoranthene	UG/L	0.002 GV	17 U	0 U	9.62 U	NA	6 U
bis(2-Chloroisopropyl)ether	UG/L	NS	17 U	0 U	NA	NA	NA
bis(2-Chloroethoxy)methane	UG/L	5	17 U	0 U	9.62 U	NA	NA
bis(2-Chloroethyl)ether	UG/L	1	17 U	0 U	NA	NA	NA
bis(2-Ethylhexyl)phthalate	UG/L	5	17 U	0 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.

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit. 0 indicates quantitation limit (PQL) not available.

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-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	0 U	NA	NA	NA
Chrysene	UG/L	0.002 GV	NA	NA	NA	NA	6 U
Dibenz(a,h)anthracene	UG/L	NS	17 U	0 U	9.62 U	NA	6 U
Dibenzofuran	UG/L	NS	NA	NA	NA	NA	NA
Diethylphthalate	UG/L	50 GV	17 U	0 U	NA	NA	NA
Dimethylphthalate	UG/L	50 GV	17 U	0 U	NA	NA	NA
Di-n-butylphthalate	UG/L	50	17 U	0 U	NA	NA	NA
Hexachlorobutadiene	UG/L	0.5	17 U	0 U	NA	NA	NA
Di-n-octylphthalate	UG/L	50 GV	17 U	0 U	NA	NA	NA
Fluoranthene	UG/L	50 GV	17 U	0 U	9.62 U	NA	6 U
Fluorene	UG/L	50 GV	17 U	0 U	9.62 U	NA	6 U
Hexachlorocyclopentadiene	UG/L	5	17 U	0 U	NA	NA	NA
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	17 U	0 U	9.62 U	NA	6 U
Isophorone	UG/L	50 GV	17 U	0 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	0 U	NA	NA	NA
N-Nitrosodiphenylamine	UG/L	50 GV	17 U	0 U	NA	NA	NA
Phenanthrene	UG/L	50 GV	17 U	0 U	9.62 U	NA	2 J
Phenol	UG/L	1	17 U	42	NA	NA	NA
Pyrene	UG/L	50 GV	17 U	0 U	9.62 U	NA	6 U
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.

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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-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	0 U	NA	NA	NA
Arsenic	UG/L	25	NA	0 U	NA	NA	NA
Barium	UG/L	1000	NA	20	NA	NA	NA
Cadmium	UG/L	5	NA	0 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	0 U	NA	NA	NA
Manganese	UG/L	300	NA	80	NA	NA	NA
Mercury	UG/L	0.7	NA	0 U	NA	NA	NA
Nickel	UG/L	100	NA	0 U	NA	NA	NA
Selenium	UG/L	10	NA	0 U	NA	NA	NA
Silver	UG/L	50	NA	0 U	NA	NA	NA
Vanadium	UG/L	NS	NA	0 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.

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Concentration Exceeds Criteria

NA - Not Analyzed. ND - Not Detected.

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

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

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

NA - Not Analyzed. ND - Not Detected.

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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-09B	MW-09B	MW-09B	MW-10B	MW-10B
Sample ID			MW-09B 10/17/07	MW-9B	MW-9B	DUP-10/04/02	MW-10B 10/04/02
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/28/08	12/18/09	10/04/02	10/04/02
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	1 U	25 U	NA	10 U	10 U
Acenaphthylene	UG/L	NS	2 J	25 U	NA	10 U	10 U
Anthracene	UG/L	50 GV	1 U	25 U	NA	10 U	10 U
Benzidine	UG/L	5	NA	NA	NA	80 U	80 U
Benzo(a)anthracene	UG/L	0.002 GV	1 U	25 U	NA	10 U	10 U
Benzo(a)pyrene	UG/L	ND	1 U	25 U	NA	10 U	10 U
Benzo(b)fluoranthene	UG/L	0.002 GV	1 U	25 U	NA	10 U	10 U
Benzo(g,h,i)perylene	UG/L	NS	1 U	25 U	NA	10 U	10 U
Benzo(k)fluoranthene	UG/L	0.002 GV	1 U	25 U	NA	10 U	10 U
bis(2-Chloroisopropyl)ether	UG/L	NS	NA	NA	NA	10 U	10 U
bis(2-Chloroethoxy)methane	UG/L	5	NA	NA	NA	10 U	10 U
bis(2-Chloroethyl)ether	UG/L	1	NA	NA	NA	10 U	10 U
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	NA	NA	10 U	10 U

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

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

NA - Not Analyzed. ND - Not Detected.

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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-09B	MW-09B	MW-09B	MW-10B	MW-10B
Sample ID			MW-09B 10/17/07	MW-9B	MW-9B	DUP-10/04/02	MW-10B 10/04/02
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/28/08	12/18/09	10/04/02	10/04/02
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	1 U	25 U	NA	NA	NA
Dibenz(a,h)anthracene	UG/L	NS	1 U	25 U	NA	10 U	10 U
Dibenzofuran	UG/L	NS	NA	NA	NA	10 U	10
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	1 U	25 U	NA	10 U	10 U
Fluorene	UG/L	50 GV	1 U	25 U	NA	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	1 U	25 U	NA	10 U	10 U
Isophorone	UG/L	50 GV	NA	NA	NA	10 U	10 U
Naphthalene	UG/L	10 GV	1 J	25 U	NA	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	2 J	25 U	NA	10 U	10 U
Phenol	UG/L	1	NA	NA	NA	10 U	10 U
Pyrene	UG/L	50 GV	1 U	25 U	NA	10 U	10 U
Total Semivolatile Organic Compounds	UG/L	-	5	ND	NA	ND	10

*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.

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit. 0 indicates quantitation limit (PQL) not available.

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-10B	MW-10B
Sample ID			MW-09B 10/17/07	MW-9B	MW-9B	DUP-10/04/02	MW-10B 10/04/02
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/28/08	12/18/09	10/04/02	10/04/02
Parameter	Units	Criteria*				Field Duplicate (1-1)	
Metals							
Aluminum	UG/L	NS	NA	NA	NA	2,400	900
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	380	350
Cadmium	UG/L	5	NA	NA	NA	5 U	5 U
Chromium	UG/L	50	NA	NA	NA	5 U	5 U
Copper	UG/L	200	NA	NA	NA	5 U	5 U
Iron	UG/L	300	NA	NA	NA	9,420	2,840
Lead	UG/L	25	NA	NA	NA	5 U	5 U
Manganese	UG/L	300	NA	NA	NA	330	100
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	50 U
Miscellaneous Parameters							
Cyanide	UG/L	200	NA	NA	NA	10 U	10 U
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

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J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit. 0 indicates quantitation limit (PQL) not available.

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-10B	MW-10B	MW-10B	MW-10B	MW-10B
Sample ID			BSGDD0210	BSGDD0210_9/21/05	MW-10B(09/12/2006)	MW-10B 10/17/07	URS 101707
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/16/04	09/21/05	09/12/06	10/17/07	10/17/07
Parameter	**Units**	**Criteria***					Field Duplicate (1-1)
Volatile Organic Compounds							
Benzene	UG/L	1	1.68	2 J	1 J	0.5 U	0.5 U
Ethylbenzene	UG/L	5	0.292 J	0.8 U	5 U	0.8 U	0.8 U
Toluene	UG/L	5	0.475 J	0.7 U	5 U	0.7 U	0.7 U
Xylene (total)	UG/L	5	2 U	0.8 U	5 U	0.8 U	0.8 U
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	2.447	2	1	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	9.8 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.

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			BSGDD0210	BSGDD0210_9/21/05	MW-10B(09/12/2006)	MW-10B 10/17/07	URS 101707
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/16/04	09/21/05	09/12/06	10/17/07	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	9.8 U	1 U	5 U	1 U	1 U
Acenaphthylene	UG/L	NS	9.8 U	1 U	1 J	1 U	1 U
Anthracene	UG/L	50 GV	9.8 U	1 U	5 U	1 U	1 U
Benzidine	UG/L	5	NA	NA	NA	NA	NA
Benzo(a)anthracene	UG/L	0.002 GV	9.8 U	1 U	5 U	1 U	1 U
Benzo(a)pyrene	UG/L	ND	9.8 U	1 U	5 U	1 U	1 U
Benzo(b)fluoranthene	UG/L	0.002 GV	9.8 U	1 U	5 U	1 U	1 U
Benzo(g,h,i)perylene	UG/L	NS	9.8 U	1 U	5 U	1 U	1 U
Benzo(k)fluoranthene	UG/L	0.002 GV	9.8 U	1 U	5 U	1 U	1 U
bis(2-Chloroisopropyl)ether	UG/L	NS	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	UG/L	5	9.8 U	1 U	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.

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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			BSGDD0210	BSGDD0210_9/21/05	MW-10B(09/12/2006)	MW-10B 10/17/07	URS 101707
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/16/04	09/21/05	09/12/06	10/17/07	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	NA	NA	5 U	1 U	1 U
Dibenz(a,h)anthracene	UG/L	NS	9.8 U	1 U	5 U	1 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	9.8 U	1 U	5 U	1 U	1 U
Fluorene	UG/L	50 GV	9.8 U	1 U	5 U	1 U	1 U
Hexachlorocyclopentadiene	UG/L	5	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	9.8 U	1 U	5 U	1 U	1 U
Isophorone	UG/L	50 GV	NA	NA	NA	NA	NA
Naphthalene	UG/L	10 GV	1.58 J	1 U	5 U	1 U	1 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	9.8 U	1 U	5 U	1 U	1 U
Phenol	UG/L	1	NA	NA	NA	NA	NA
Pyrene	UG/L	50 GV	9.8 U	1 U	5 U	1 U	1 U
Total Semivolatile Organic Compounds	UG/L	-	1.58	ND	1	ND	ND

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

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Concentration Exceeds Criteria

NA - Not Analyzed. ND - Not Detected.

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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-10B	MW-10B	MW-10B	MW-10B	MW-10B
Sample ID			BSGDD0210	BSGDD0210_9/21/05	MW-10B(09/12/2006)	MW-10B 10/17/07	URS 101707
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/16/04	09/21/05	09/12/06	10/17/07	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	5 U	5 U
Free Cyanide	UG/L	NS	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	UG/L	1	6.92	15 J	17 J	15 U	15 U

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

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

Location ID			MW-10B	MW-10B	MW-10B	MW-11B	MW-11B
Sample ID			DUP-102708	MW-10B	MW-10B	BSGDD0211	BSGDD0111
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/27/08	10/27/08	12/18/09	01/28/02	09/16/04
Parameter	**Units**	**Criteria***	Field Duplicate (1-1)				
Volatile Organic Compounds							
Benzene	UG/L	1	5 U	5 U	5 U	0.5 U	2.82
Ethylbenzene	UG/L	5	5 U	5 U	5 U	1 U	1.93
Toluene	UG/L	5	5 U	5 U	5 U	1 U	5.32
Xylene (total)	UG/L	5	5 U	5 U	5 U	1 U	5.58
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	ND	ND	ND	ND	15.65
Semivolatile Organic Compounds							
2,4,6-Trichlorophenol	UG/L	1	NA	NA	NA	10 U	NA
2,4-Dinitrotoluene	UG/L	5	NA	NA	NA	10 U	NA
1,2-Diphenylhydrazine	UG/L	ND	NA	NA	NA	10 U	NA
Hexachlorobenzene	UG/L	0.04	NA	NA	NA	10 U	NA
Hexachloroethane	UG/L	5	NA	NA	NA	10 U	NA
Nitrobenzene	UG/L	0.4	NA	NA	NA	10 U	NA
1,2,4-Trichlorobenzene	UG/L	5	NA	NA	NA	10 U	NA
2,4-Dichlorophenol	UG/L	5	NA	NA	NA	10 U	NA
Pentachlorophenol	UG/L	1	NA	NA	NA	50 U	NA
2,4-Dimethylphenol	UG/L	50 GV	NA	NA	NA	10 U	NA
2,4-Dinitrophenol	UG/L	10 GV	NA	NA	NA	50 U	NA
1,2-Dichlorobenzene	UG/L	3	NA	NA	NA	10 U	NA
2,6-Dinitrotoluene	UG/L	5	NA	NA	NA	10 U	NA
2-Chloronaphthalene	UG/L	10 GV	NA	NA	NA	10 U	NA
2-Chlorophenol	UG/L	1	NA	NA	NA	10 U	NA
2-Methylnaphthalene	UG/L	NS	NA	NA	NA	10 U	9.71 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.

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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-11B	MW-11B
Sample ID			DUP-102708	MW-10B	MW-10B	BSGDD0211	BSGDD0111
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/27/08	10/27/08	12/18/09	01/28/02	09/16/04
Parameter	**Units**	**Criteria***	Field Duplicate (1-1)				
Semivolatile Organic Compounds							
2-Nitrophenol	UG/L	1	NA	NA	NA	10 U	NA
3,3'-Dichlorobenzidine	UG/L	5	NA	NA	NA	20 U	NA
1,3-Dichlorobenzene	UG/L	3	NA	NA	NA	10 U	NA
4,6-Dinitro-2-methylphenol	UG/L	1	NA	NA	NA	50 U	NA
4-Bromophenyl-phenylether	UG/L	NS	NA	NA	NA	10 U	NA
1,4-Dichlorobenzene	UG/L	3	NA	NA	NA	10 U	NA
4-Chlorophenyl-phenylether	UG/L	NS	NA	NA	NA	10 U	NA
4-Chloro-3-methylphenol	UG/L	1	NA	NA	NA	10 U	NA
4-Nitrophenol	UG/L	1	NA	NA	NA	50 U	NA
Acenaphthene	UG/L	20 GV	25 U	25 U	5 U	10 U	9.71 U
Acenaphthylene	UG/L	NS	25 U	25 U	5 U	10 U	1.17 J
Anthracene	UG/L	50 GV	25 U	25 U	5 U	10 U	9.71 U
Benzidine	UG/L	5	NA	NA	NA	80 U	NA
Benzo(a)anthracene	UG/L	0.002 GV	25 U	25 U	5 U	10 U	9.71 U
Benzo(a)pyrene	UG/L	ND	25 U	25 U	5 U	10 U	9.71 U
Benzo(b)fluoranthene	UG/L	0.002 GV	25 U	25 U	5 U	10 U	9.71 U
Benzo(g,h,i)perylene	UG/L	NS	25 U	25 U	5 U	10 U	9.71 U
Benzo(k)fluoranthene	UG/L	0.002 GV	25 U	25 U	5 U	10 U	9.71 U
bis(2-Chloroisopropyl)ether	UG/L	NS	NA	NA	NA	10 U	NA
bis(2-Chloroethoxy)methane	UG/L	5	NA	NA	NA	10 U	9.71 U
bis(2-Chloroethyl)ether	UG/L	1	NA	NA	NA	10 U	NA
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	NA	NA	10 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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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-11B	MW-11B
Sample ID			DUP-102708	MW-10B	MW-10B	BSGDD0211	BSGDD0111
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/27/08	10/27/08	12/18/09	01/28/02	09/16/04
Parameter	**Units**	**Criteria***	Field Duplicate (1-1)				
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	NA	NA	NA	10 U	NA
Chrysene	UG/L	0.002 GV	25 U	25 U	5 U	NA	NA
Dibenz(a,h)anthracene	UG/L	NS	25 U	25 U	5 U	10 U	9.71 U
Dibenzofuran	UG/L	NS	NA	NA	NA	NA	NA
Diethylphthalate	UG/L	50 GV	NA	NA	NA	10 U	NA
Dimethylphthalate	UG/L	50 GV	NA	NA	NA	10 U	NA
Di-n-butylphthalate	UG/L	50	NA	NA	NA	10 U	NA
Hexachlorobutadiene	UG/L	0.5	NA	NA	NA	10 U	NA
Di-n-octylphthalate	UG/L	50 GV	NA	NA	NA	10 U	NA
Fluoranthene	UG/L	50 GV	25 U	25 U	5 U	10 U	9.71 U
Fluorene	UG/L	50 GV	25 U	25 U	5 U	10 U	9.71 U
Hexachlorocyclopentadiene	UG/L	5	NA	NA	NA	10 U	NA
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	25 U	25 U	5 U	10 U	9.71 U
Isophorone	UG/L	50 GV	NA	NA	NA	10 U	NA
Naphthalene	UG/L	10 GV	25 U	25 U	5 U	10 U	2.42 J
N-Nitrosodimethylamine	UG/L	NS	NA	NA	NA	10 U	NA
N-Nitrosodiphenylamine	UG/L	50 GV	NA	NA	NA	10 U	NA
Phenanthrene	UG/L	50 GV	25 U	25 U	5 U	10 U	9.71 U
Phenol	UG/L	1	NA	NA	NA	73	NA
Pyrene	UG/L	50 GV	25 U	25 U	5 U	10 U	9.71 U
Total Semivolatile Organic Compounds	UG/L	-	ND	ND	ND	73	3.59

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

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Concentration Exceeds Criteria

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

Location ID			MW-10B	MW-10B	MW-10B	MW-11B	MW-11B
Sample ID			DUP-102708	MW-10B	MW-10B	BSGDD0211	BSGDD0111
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/27/08	10/27/08	12/18/09	01/28/02	09/16/04
Parameter	**Units**	**Criteria***	Field Duplicate (1-1)				
Metals							
Aluminum	UG/L	NS	NA	NA	NA	1,500	NA
Antimony	UG/L	3	NA	NA	NA	60 U	NA
Arsenic	UG/L	25	NA	NA	NA	5 U	NA
Barium	UG/L	1000	NA	NA	NA	10	NA
Cadmium	UG/L	5	NA	NA	NA	5 U	NA
Chromium	UG/L	50	NA	NA	NA	5 U	NA
Copper	UG/L	200	NA	NA	NA	18	NA
Iron	UG/L	300	NA	NA	NA	140	NA
Lead	UG/L	25	NA	NA	NA	5 U	NA
Manganese	UG/L	300	NA	NA	NA	20 U	NA
Mercury	UG/L	0.7	NA	NA	NA	0.4 U	NA
Nickel	UG/L	100	NA	NA	NA	50 U	NA
Selenium	UG/L	10	NA	NA	NA	5 U	NA
Silver	UG/L	50	NA	NA	NA	20 U	NA
Vanadium	UG/L	NS	NA	NA	NA	50 U	NA
Zinc	UG/L	2000 GV	NA	NA	NA	10 U	NA
Miscellaneous Parameters							
Cyanide	UG/L	200	10 U	10 U	10 U	10 U	3.75 J
Free Cyanide	UG/L	NS	NA	NA	NA	10 U	NA
Phenolics, Total Recoverable	UG/L	1	40 U	40 U	40 U	247	18.7

*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			BSGDD0111_9/21/05	MW-11B(09/12/2006)	MW-11B 10/17/07	MW-11B	MW-11B
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***					
Volatile Organic Compounds							
Benzene	UG/L	1	10	6	4 J	3 J	6
Ethylbenzene	UG/L	5	5 J	5 J	3 J	3 J	6
Toluene	UG/L	5	14	14	7	4 J	10
Xylene (total)	UG/L	5	12	15	10	7	24
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	41	40	24	17	46
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-11B	MW-11B	MW-11B	MW-11B	MW-11B
Sample ID			BSGDD0111_9/21/05	MW-11B(09/12/2006)	MW-11B 10/17/07	MW-11B	MW-11B
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***					
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	2 J	5	5 J	6 J	NA
Acenaphthylene	UG/L	NS	6	9	9	4 J	NA
Anthracene	UG/L	50 GV	1 U	5 U	1 U	9 U	NA
Benzidine	UG/L	5	NA	NA	NA	NA	NA
Benzo(a)anthracene	UG/L	0.002 GV	1 U	5 U	1 U	9 U	NA
Benzo(a)pyrene	UG/L	ND	1 U	5 U	1 U	9 U	NA
Benzo(b)fluoranthene	UG/L	0.002 GV	1 U	5 U	1 U	9 U	NA
Benzo(g,h,i)perylene	UG/L	NS	1 U	5 U	1 U	9 U	NA
Benzo(k)fluoranthene	UG/L	0.002 GV	1 U	5 U	1 U	9 U	NA
bis(2-Chloroisopropyl)ether	UG/L	NS	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	UG/L	5	1 U	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			BSGDD0111_9/21/05	MW-11B(09/12/2006)	MW-11B 10/17/07	MW-11B	MW-11B
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***					
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Chrysene	UG/L	0.002 GV	NA	5 U	1 U	9 U	NA
Dibenz(a,h)anthracene	UG/L	NS	1 U	5 U	1 U	7 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	1 U	5 U	1 U	2 J	NA
Fluorene	UG/L	50 GV	1 U	2 J	2 J	2 J	NA
Hexachlorocyclopentadiene	UG/L	5	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	1 U	5 U	1 U	7 J	NA
Isophorone	UG/L	50 GV	NA	NA	NA	NA	NA
Naphthalene	UG/L	10 GV	24	42	36	17	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 J	2 J	5 J	7 J	NA
Phenol	UG/L	1	NA	NA	NA	NA	NA
Pyrene	UG/L	50 GV	1 U	5 U	1 U	2 J	NA
Total Semivolatile Organic Compounds	UG/L	-	33	60	57	54	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.

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit. 0 indicates quantitation limit (PQL) not available.

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			BSGDD0111_9/21/05	MW-11B(09/12/2006)	MW-11B 10/17/07	MW-11B	MW-11B
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***					
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	14	11	NA	10 U
Free Cyanide	UG/L	NS	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	UG/L	1	250	140	160	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.

J - The reported concentration is an estimated value. U - Not detected above the reported quantitation limit. 0 indicates quantitation limit (PQL) not available.

Detection Limits shown are PQL

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