NYSEG

New York State Electric & Gas Corporation

Bridge Street Former Manufactured Gas Plant
Plattsburgh, New York

2008 ANNUAL OPERATION, MAINTENANCE, AND MONITORING SUMMARY REPORT

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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 *2008 Annual Operation, Maintenance, and Monitoring Summary Report (2008 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 *2008 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 *2008 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 October 2008 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 October 2008 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 October 27, 2008, 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-9B, MW-10B, and MW-11B. A slight NAPL odor was observed in MW-3B. Trace amounts of NAPL were observed in purge water from monitoring wells MW-2B, MW-6B, MW-7BS, and MW-7BD. No measurable amounts of NAPL were recovered from any of the wells. The previous NAPL observations in bedrock wells are summarized on Table 2. The locations where NAPL was observed are consistent with previous observations.

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 16 and 17, 2007.

2.2 ANNUAL GROUNDWATER MONITORING

On October 27 and 28, 2008 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 the field parameters had stabilized to within +/- 0.1 pH units, +/- 0.2 degree Celsius (^{o}C), and +/- 10 percent on the remaining parameters over three consecutive readings. 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); polycyclic aromatic hydrocarbons (PAHs); total phenols; and total cyanide. 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-10B, and one trip blank were shipped by Federal Express to Lancaster Laboratories, Inc. (Lancaster) in Lancaster, Pennsylvania. Five of the nine groundwater samples and the field duplicate were analyzed for BTEX by USEPA SW-846 Method 8260B, PAHs by USEPA SW-846 Method 8270C, total phenol by USEPA SW-846 Method 9065M, and total cyanide by USEPA SW-846 Method 335.3. The groundwater sample from MW-7BD was analyzed for BTEX, PAHs, and Total Phenols only due to insufficient sample volume. The groundwater samples from MW-9B and MW-11B were analyzed for BTEX and PAHs only due to insufficient sample volume. The groundwater sample from MW-1B was 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 October 27 and 28, 2008 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, Ethybenzene, and Xylene

Concentrations of total BTEX ranged from not detected at MW-9B and MW-10B to 7,300 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 (October 2008)

Compound	Number of Detects (out of 9)	NYSDEC GW Standard[(a)] (µg/L)	Number of Exceedences (out of 7)	Maximum Concentration (µg/L)
Benzene	7	1	6	1,400 at MW-2B*
Ethylbenzene	6	5	5	1,300 at MW-2B*
Toluene	6	5	4	2,400 at MW-2B*
Xylenes, total	6	5	6	2,200 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, MW-7BD, and MW-7BS. Therefore, the reported concentrations may not be representative of actual groundwater concentrations. As shown in Appendix C, concentrations of BTEX compounds detected in October 2008 were comparable to the concentrations detected during the previous sampling events.

Polyaromatic Hydrocarbons

Groundwater samples were collected from eight of the nine wells and analyzed for total PAHs. A groundwater sample was not collected from MW-1B due to insufficient volume after purging. Concentrations of total PAHs ranged from not detected at MW-9B and MW-10B to 12,368 µg/L at MW-7BD. The following PAHs were detected in one or more bedrock groundwater sample.

Summary of PAHs Detected in Bedrock Groundwater (October 2008)

Compound	Number of Detects (out of 8)	NYSDEC GW Standard[(a)] (µg/L)	Number of Exceedences (out of 6)	Maximum Concentration (µg/L)
Acenaphthene	6	[20]	5	210 at MW-7BD*
Acenaphthylene	6	NS	-	840 at MW-7BD*
Anthracene	4	[50]	2	330 at MW-6B*
Benzo(a)anthracene	4	[0.002]	4	240 at MW-6B*
Benzo(a)pyrene	4	ND	4	250 at MW-6B*
Benzo(b)fluoranthene	4	[0.002]	4	190 at MW-6B*

Compound	Number of Detects (out of 8)	NYSDEC GW Standard[(a)] (µg/L)	Number of Exceedences (out of 6)	Maximum Concentration (µg/L)
Benzo(k)fluoranthene	4	[0.002]	4	74 at MW-6B*
Benzo(g,h,i)perylene	4	NS	-	160 at MW-6B*
Chrysene	4	[0.002]	4	210 at MW-6B*
Dibenzo(a,h)anthracene	4	NS	-	48 at MW-7BD*
Fluoranthene	5	[50]	2	580 at MW-6B*
Fluorene	6	[50]	3	350 at MW-6B*
Indeno(1,2,3-cd)pyrene	5	[0.002]	5	110 at MW-6B*
Naphthalene	6	[10]	6	7,400 at MW-7BD*
Phenanthrene	5	[50]	4	1,400 at MW-6B*
Pyrene	5	[50]	3	780 at MW-6B*

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 concentrations of total PAHs were detected at MW-7BD, MW-2B, and MW-6B. A trace of NAPL was detected in MW-2B, MW-6B, MW-7BD, and MW-7BS. 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 October 2008 were comparable to the concentrations detected during previous sampling events.

Phenol

Phenols were detected in groundwater samples collected from three of the six wells (MW-2B at a concentration of 51 µg/L; MW-6B at a concentration of 32 µg/L; and MW-7BD at a concentration of 620 µg/L) from which samples were collected and analyzed for phenols. All three 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 October 2008 are similar to concentrations detected in previous sampling events.

Cyanide

Cyanide was only detected in one groundwater sample (MW-7BS at a concentration of 6 µg/L) collected from one of the five wells from which samples were collected and analyzed for cyanide. This concentration is below the NYSDEC Groundwater Standard of 200 µg/L. As shown in Appendix C, the concentrations of cyanide detected in samples collected in October 2008 are similar to the concentrations detected during previous sampling events.

4.0 SUMMARY AND CONCLUSIONS

General Site Conditions

- During the October 2008 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 16 and 17, 2007.

- During the October 2008 site inspection, no indications of NAPL were observed in monitoring wells MW-1B, MW-9B, MW-10B, and MW-11B. A slight NAPL odor was observed in monitoring well MW-3B. Trace amounts of NAPL were observed in monitoring wells MW-2B, MW-6B, MW-7BS, and MW-7BD. The locations where NAPL was observed are consistent with previous observations.

Bedrock Groundwater Samples

- Concentrations of BTEX compounds detected in October 2008 were generally consistent with concentrations detected during previous sampling events.

- Concentrations of PAH compounds detected in October 2008 were generally consistent with concentrations detected during previous sampling events. A trace of NAPL was detected in MW-2B, MW-6B, MW-7BD, and MW-7BS. 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.

- Concentrations of phenols detected in samples collected in October 2008 are consistent with concentrations detected during previous sampling events.

- Concentrations of cyanide detected in samples collected in October 2008 are consistent with concentrations detected during previous sampling events.

5.0 RECOMMENDATIONS

Based on the results prescribed in this *2008 OM&M Report,* URS makes the following recommendations.

- NYSEG will continue to perform annual site inspection and collect groundwater samples in accordance with the ROD and the OM&M Plan. The next event will be in October 2009.

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
OCTOBER 2008

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	10/27/2008	9.99	112.81	21	ND	1.08	10.4	7.52	>1,000	Purged dry
MW-2B	10/28/2008	6.36	115.96	15	odor, trace NAPL	11.84	13.1	9.78	170	Purged dry
MW-3B	10/27/2008	14.78	105.33	32	odor	1.51	11.7	8.32	223	Purged dry
MW-6B	10/28/2008	25.52	96.38	4	odor, NAPL	NM	NM	NM	NM	Purged dry; Field parameters not measured due to NAPL in water.
MW-7BS	10/27/2008	3.65	117.07	21	odor, trace NAPL	0.97	14.1	6.87	>1,000	Parameters stabilized at 21 gal.
MW-7BD	10/28/2008	11.51	109.55	30	odor, trace NAPL	0.76	10.5	8.9	13.4	Purged dry
MW-9B	10/27/2008	30.31	90.75	2.5	ND	2.03	10.8	7.58	11.4	Purged dry
MW-10B	10/27/2008	8.99	113.16	50	ND	1.63	11.3	7.13	>1,000	Parameters stabilized at 50 gal.; strong sewer/sulfur odor.
MW-11B	10/27/2008	5.41	114.4	32	ND	0.89	12.2	7.14	112	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
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
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
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

TABLE 2
SUMMARY OF HISTORIC NAPL OBSERVATIONS

NYSEG FORMER MGP SITE
BRIDGE STREET, PLATTSBURGH, NEW YORK

Well	Date	Odor	Sheen	Comments
MW-6B	10/16/07	Yes	Yes	Lots of sediment
	10/27/08	Yes	Yes	NAPL
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
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
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-88D	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
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
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
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 - OCTOBER 2008
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			10/28/08	10/28/08	10/27/08	10/28/08	10/28/08
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
Benzene	UG/L	1	1 J	1,400	580	52	820
Ethylbenzene	UG/L	5	0.8 U	1,300	290	57	550
Toluene	UG/L	5	0.7 U	2,400	210	110	850
Xylene (total)	UG/L	5	0.8 U	2,200	310	410	1,300
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	1	7,300	1,390	629	3,520
Semivolatile Organic Compounds							
Acenaphthene	UG/L	20 GV	NA	67	23	160	210
Acenaphthylene	UG/L	NS	NA	500	5	670	840
Anthracene	UG/L	50 GV	NA	36	1 U	330	230
Benzo(a)anthracene	UG/L	0.002 GV	NA	13	1 U	240	160
Benzo(a)pyrene	UG/L	ND	NA	14	1 U	250	150
Benzo(b)fluoranthene	UG/L	0.002 GV	NA	11	1 U	190	120
Benzo(g,h,i)perylene	UG/L	NS	NA	9	1 U	160	93
Benzo(k)fluoranthene	UG/L	0.002 GV	NA	4 J	1 U	74	47 J
Chrysene	UG/L	0.002 GV	NA	12	1 U	210	140
Dibenz(a,h)anthracene	UG/L	NS	NA	5 J	1 U	34	48 J
Fluoranthene	UG/L	50 GV	NA	50	1 U	580	490
Fluorene	UG/L	50 GV	NA	100	1 J	350	330
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	NA	9	1 U	110	90
Naphthalene	UG/L	10 GV	NA	6,900	1,200	500	7,400
Phenanthrene	UG/L	50 GV	NA	220	1 U	1,400	1,300
Pyrene	UG/L	50 GV	NA	68	1 U	780	720
Total Semivolatile Organic Compounds	UG/L	-	NA	8,018	1,229	6,038	12,368

*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 (QL).

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

Detection Limits shown are MDL

TABLE 3
SUMMARY OF GROUNDWATER ANALYTICAL DATA - OCTOBER 2008
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			10/28/08	10/28/08	10/27/08	10/28/08	10/28/08
Parameter	**Units**	**Criteria***					
Miscellaneous Parameters							
Cyanide	UG/L	200	NA	5.0 U	5.0 U	5.0 U	NA
Phenolics, Total Recoverable	UG/L	1	NA	51	15 U	32 J	620

*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 (QL).

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

Detection Limits shown are MDL

TABLE 3
SUMMARY OF GROUNDWATER ANALYTICAL DATA - OCTOBER 2008
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-07BS	MW-09B	MW-10B	MW-10B	MW-11B
Sample ID			MW-7BS	MW-9B	DUP-102708	MW-10B	MW-11B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/27/08	10/28/08	10/27/08	10/27/08	10/28/08
Parameter	**Units**	**Criteria***			Field Duplicate (1-1)		
Volatile Organic Compounds							
Benzene	UG/L	1	29	0.5 U	0.5 U	0.5 U	3 J
Ethylbenzene	UG/L	5	14	0.8 U	0.8 U	0.8 U	3 J
Toluene	UG/L	5	3 J	0.7 U	0.7 U	0.7 U	4 J
Xylene (total)	UG/L	5	12	0.8 U	0.8 U	0.8 U	7
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	58	ND	ND	ND	17
Semivolatile Organic Compounds							
Acenaphthene	UG/L	20 GV	53	5 U	5 U	5 U	6 J
Acenaphthylene	UG/L	NS	23	5 U	5 U	5 U	4 J
Anthracene	UG/L	50 GV	18	5 U	5 U	5 U	2 U
Benzo(a)anthracene	UG/L	0.002 GV	9 J	5 U	5 U	5 U	2 U
Benzo(a)pyrene	UG/L	ND	5 J	5 U	5 U	5 U	2 U
Benzo(b)fluoranthene	UG/L	0.002 GV	4 J	5 U	5 U	5 U	2 U
Benzo(g,h,i)perylene	UG/L	NS	2 J	5 U	5 U	5 U	2 U
Benzo(k)fluoranthene	UG/L	0.002 GV	3 J	5 U	5 U	5 U	2 U
Chrysene	UG/L	0.002 GV	8 J	5 U	5 U	5 U	2 U
Dibenz(a,h)anthracene	UG/L	NS	2 U	5 U	5 U	5 U	7 J
Fluoranthene	UG/L	50 GV	26	5 U	5 U	5 U	2 J
Fluorene	UG/L	50 GV	23	5 U	5 U	5 U	2 J
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	9 J	5 U	5 U	5 U	7 J
Naphthalene	UG/L	10 GV	56	5 U	5 U	5 U	17
Phenanthrene	UG/L	50 GV	90	5 U	5 U	5 U	7 J
Pyrene	UG/L	50 GV	33	5 U	5 U	5 U	2 J
Total Semivolatile Organic Compounds	UG/L	-	362	ND	ND	ND	54

*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 (QL).

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

Detection Limits shown are MDL

I:\11175784\Database\DB Files From Clifton Park\EDMS.mc
Printed: 12/5/2008 2:38:45 PM
[LOGDATE] >= #10/27/2008# AND [MATRIX] = 'WG

TABLE 3
SUMMARY OF GROUNDWATER ANALYTICAL DATA - OCTOBER 2008
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-07BS	MW-09B	MW-10B	MW-10B	MW-11B
Sample ID			MW-7BS	MW-9B	DUP-102708	MW-10B	MW-11B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/27/08	10/28/08	10/27/08	10/27/08	10/28/08
Parameter	Units	Criteria*			Field Duplicate (1-1)		
Miscellaneous Parameters							
Cyanide	UG/L	200	6.0 J	NA	5.0 U	5.0 U	NA
Phenolics, Total Recoverable	UG/L	1	15 U	NA	15 U	15 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 (QL).

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

Detection Limits shown are MDL

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

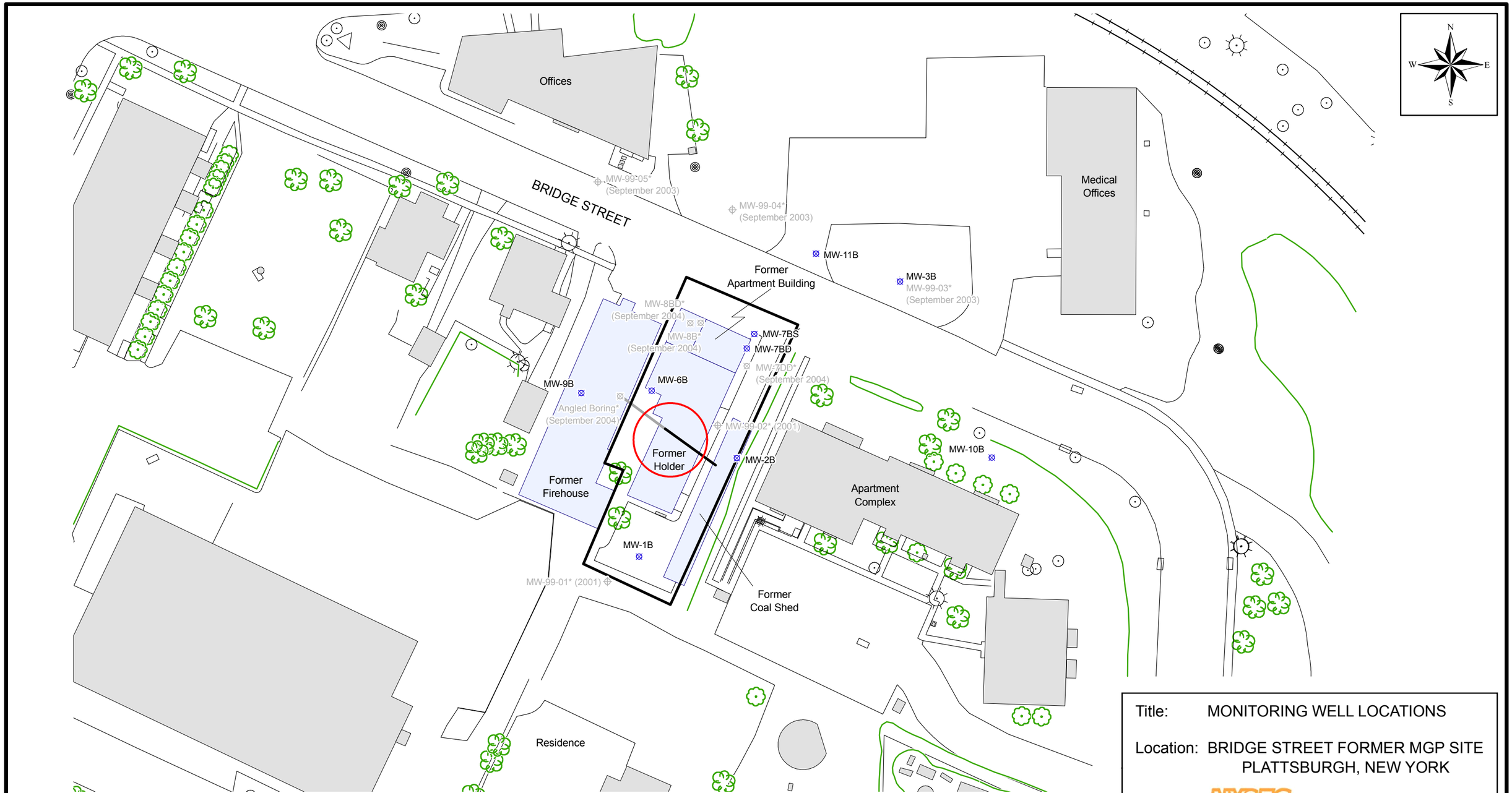
Location: BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Client: NEW YORK STATE ELECTRIC AND GAS

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

Drafter:	Date:
DAD	October 2008
Drg. Size:	Job No.:
8.5X11	11175784.10000

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: October 2008
Drg. Size: 11x17	Job No.: 11175784.10000

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: J. Gillies, J. Basile

Date: 10/27/08

Job No.:

Location: NYSEG - Bridge St.

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

Depth to Water Surface Before Purging (from top of casing): - 9.99 feet

Height of Water Column: = 30.26 feet

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

One Well Volume of Water Before Purging: = 19.75 gallons or _____ liters

Volume of Water Equal to three well volumes: 59.28 gallons or _____ liters

Purging Method: Bladder Pump/Waterra Pump/Peristaltic Pump/Bailer **Meter #** Hanna HI 9130

Time	Volume Purged (Gallons / Liters)	Depth to Water (feet)	SC (mmhos/cm or µmhos) ms/cm	Temp. (°F or °C) C	pH (SU)	Turbidity (NTU)
Stabilization Criteria			+/- 10%	+/-0.2 °C	+/- 0.1 SU	+/- 10%
0935	1.0		1.23	12.9	7.25	74.1
0945	5.0		1.09	12.9	7.13	133
0951	10.0		1.15	11.5	7.28	172
959	15.0		1.10	10.6	7.36	100
1004	20.0		1.08	10.4	7.53	>1,000
		Well DRY @ 21 gallons				

Total Volume of Water Purged: 21 gallons/liters

Sampling Data:

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

Sheen/Appearance:

Sample started 10/27/08

BTEX - 2 vials

8015

Notes:

Sample for: BTEX 8021B 2x 40mL w/ HCl

~~PAHs 8270C 2 - 1,000mL w/ $Na_2S_2O_3$ Amber~~ J6

~~Total phenol 1 - 1,000mL w/ H_2SO_4~~ J6

~~Total cyanide 1 - 500mL w/ NaOH~~ J6

GROUNDWATER SAMPLING DATA SHEET

WELL NO: MW-2B

Field Personnel:
J. Gillies
J. Basile

Date: 10/28/08
Job No.:
Location: NYSEG Bridge St

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

Depth to Water Surface Before Purging (from top of casing): ~~33.52~~ 6.36 feet

Height of Water Column: ~~= 14.23~~ 33.39 feet

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

One Well Volume of Water Before Purging: 21.8 ~~= 9.29~~ gallons or _____ liters

Volume of Water Equal to three well volumes: 65 ~~= 28~~ gallons or _____ liters

Purging Method: Bladder Pump/Waterra Pump/Peristaltic Pump/Bailer **Meter #** Hanna HI 99130

Time	Volume Purged (Gallons / Liters)	Depth to Water (feet)	SC (mmhos/cm or µmhos) ms/cm	Temp. (°F or °C)	pH (SU)	Turbidity (NTU)
Stabilization Criteria			+/- 10%	+/-0.2 °C	+/- 0.1 SU	+/- 10%
0915	6.0		9.27	~~12.2~~ ~~12.2~~	~~7.15~~ 9.98	320
0920	12.0		11.84	13.1	9.78	170
Well	Dry	@	15	gallons		

Total Volume of Water Purged: 15 gallons/liters

Sampling Data:

Sample @ 1115

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

Sheen/Appearance: sheen

Notes:

Sample for: BTEX 8021B - 3-40mL w/ HCl
PAHs 8270C 2-1,000mL w/ $Na_2S_2O_3$ Amber
Total phenol 1-1,000 mL w/ H_2SO_4
Total cyanide 1-500 mL w/ NaOH

GROUNDWATER SAMPLING DATA SHEET

WELL NO: MW-3B

Field Personnel:
J. Gillies
J. Basile

Date: 10/27/08
Job No.:
Location: NYSEG Bridge St.

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

Depth to Water Surface Before Purging (from top of casing): -14.78 feet

Height of Water Column: = 46.03 feet

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

One Well Volume of Water Before Purging: = 30.08 gallons or _____ liters

Volume of Water Equal to three well volumes: 90.17 gallons or _____ liters

Purging Method: Bladder Pump/Waterra Pump/Peristaltic Pump/Bailer **Meter #** Hama HI 991301

Time	Volume Purged (Gallons / Liters)	Depth to Water (feet)	SC (mmhos/cm or µmhos) ms/cm	Temp. (°F or °C)	pH (SU)	Turbidity (NTU)
Stabilization Criteria			+/- 10%	+/-0.2 °C	+/- 0.1 SU	+/- 10%
1345	1.0		1.33	14.6	7.85	145
1350	5.0		1.26	13.2	7.89	49.3
1355	10.0		1.28	12.3	7.13	31.5
1405	15.0		1.34	12.4	9.12	358
1410	20.0		1.40	11.6	7.89	93.7
1415	25.0		1.47	11.8	7.13	186
1420	30.0		1.51	11.7	8.32	323
		Well	Went	DRY	@ 32	gal

Total Volume of Water Purged: 32 gallons/liters

Sampling Data:
Sample @ 1700

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

Sheen/Appearance: none - clear

Notes:
Sample for: BTEX 8021B 3-40ml w/ HCl
PAHs 8270C 2-1,000 mL w/ $Na_2S_2O_3$ Amber
Total pherol 1-1,000 mL w/ H_2SO_4
Total cyanide 1-500mL w/ NaOH

GROUNDWATER SAMPLING DATA SHEET

WELL NO: MW-6B

Field Personnel:
J. Gillies
J. Basile

Date: 10/28/08
Job No.:
Location: MSEG-Bridgest

Total Well Depth (from top of casing): 39.0 feet

Depth to Water Surface Before Purging (from top of casing): ~~6.36~~ 25.50 feet

Height of Water Column: = ~~37.64~~ 13.48 feet

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

One Well Volume of Water Before Purging: = ~~0.653~~ 8.8 gallons or _____ liters

Volume of Water Equal to three well volumes: ~~26.64~~ gallons or _____ liters

Purging Method: Bladder Pump/Waterra Pump/Peristaltic Pump/Bailer **Meter #** Hanna HI 991301

Time	Volume Purged (Gallons / Liters)	Depth to Water (feet)	SC (mmhos/cm or µmhos) ms/cm	Temp. (°F or °C)	pH (SU)	Turbidity (NTU)
Stabilization Criteria			+/- 10%	+/-0.2 °C	+/- 0.1 SU.	+/- 10%
NAPL detected on rope and bailer						
No parameters taken						
Well went Dry @ 4 gallons						

Total Volume of Water Purged: 4 gallons/liters

Sampling Data: Sample @ 1100

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

Notes:

Sample for: BTEX 8021B 3-40mL w/ HCl
PAHS 8270C 2-1,000mL w/ $Na_2S_2O_3$ Amber
Total phenol 1-1,000mL w/ H_2SO_4
Total cyanide 1-500 mL w/ NaOH

NAPL present.

GROUNDWATER SAMPLING DATA SHEET

WELL NO: MW-7BS

Field Personnel:
J. Gillies
J. Basile

Date: 10/22/08
Job No.:
Location: NYSEG Bridgest

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

Depth to Water Surface Before Purging (from top of casing): - 3.65 feet

Height of Water Column: = 10.75 feet

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

One Well Volume of Water Before Purging: = 7.01 gallons or _____ liters

Volume of Water Equal to three well volumes: 21.06 gallons or _____ liters

Purging Method: Bladder Pump/Waterra Pump/Peristaltic Pump/Bailer **Meter #** Hanna HI 991301

Time	Volume Purged (Gallons / Liters)	Depth to Water (feet)	SC (mmhos/cm or µmhos) ms/cm	Temp. (°F or °C)	pH (SU)	Turbidity (NTU)
Stabilization Criteria			+/- 10%	+/-0.2 °C	+/- 0.1 SU	+/- 10%
1540	1.0		0.7	13.5	7.84	78.0
1543	5.0		0.71	13.5	7.33	125.0
1547	10.0		0.89	13.7	6.95	>1,000
1552	15.0		0.91	13.5	7.03	>1,000
1558	21.0		0.97	14.1	6.87	>1,000

Total Volume of Water Purged: 21 gallons/liters

Sampling Data:
Sample @ 1605

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

Sheen/Appearance: - Sheen on surface

Notes:
Sample for: BTEX 8021B 3-40 mL w/ HCl
PAHs 8270C 2-1,000 mL w/ $Na_2S_2O_3$ Amber
Total phenol 1-1,000 mL w/ H_2SO_4
Total cyanide 1-500 mL w/ NaOH

GROUNDWATER SAMPLING DATA SHEET

WELL NO: MW-7BD

Field Personnel: J. Gillies, J. Basile

Date: 10/28/08
Job No.:
Location: MSEC Bridge St

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

Depth to Water Surface Before Purging (from top of casing): - 11.51 feet

Height of Water Column: = 37.73 feet

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

One Well Volume of Water Before Purging: = 24.6 gallons or _____ liters

Volume of Water Equal to three well volumes: 74 gallons or _____ liters

Purging Method: Bladder Pump/Waterra Pump/Peristaltic Pump/Bailer **Meter #** Hanna HI 991301

Time	**Volume Purged** (Gallons / Liters)	Depth to Water (feet)	SC (mmhos/cm or µmhos) ms/cm	Temp. (°F or °C)	pH (SU)	Turbidity (NTU)
Stabilization Criteria			+/- 10%	+/-0.2 °C	+/- 0.1 SU	+/- 10%
0928	2.0		1.23	13.8	8.83	108.2
0932	6.0		1.15	11.7	8.87	58.6
0944	11.0		1.00	10.7	7.30	63.8
0947	16.0		0.93	10.6	8.77	72.6
0952	21.0		0.80	10.8	8.9	32.7
0958	27.0		0.76	10.5	8.9	13.4
	Well Dry @ 30 gallons.					

Total Volume of Water Purged: 30 gallons/liters

Sampling Data: Samples 1130

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

Notes:

Sample for: BTEX 8021B 3-40mL w/ HCl
PAHs 8270C 1-1,000 mL w/ $Na_2S_2O_3$ Amber
Total phenol 3-1,000 mL w/ H_2SO_4
~~Total cyanide 1-500 mL w/ NaOH~~ DG

Sheen present and NAPL odor detected
NAPL noted on the string
DNAPL present @ bottom of well

GROUNDWATER SAMPLING DATA SHEET

WELL NO: MW-9B

Field Personnel: J. Gillies, J. Basile

Date: 10/27/08

Job No.:

Location: NYSEG Bridge St.

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

Depth to Water Surface Before Purging (from top of casing): - 30.31 feet

Height of Water Column: = 4.74 feet

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

One Well Volume of Water Before Purging: = 3.09 gallons or _____ liters

Volume of Water Equal to three well volumes: 9.29 gallons or _____ liters

Purging Method: Bladder Pump/Waterra Pump/Peristaltic Pump/Bailer **Meter #** Hanna HI 9 91301

Time	Volume Purged (Gallons / Liters)	Depth to Water (feet)	SC (mmhos/cm or µmhos) ms/cm	Temp. (°F or °C)	pH (SU)	Turbidity (NTU)
Stabilization Criteria			+/- 10%	+/-0.2 °C	+/- 0.1 SU	+/- 10%
1015	0.5	X	2.03	10.8	7.58	11.4
		Well Dry @ 2.5 gallons				

Total Volume of Water Purged: 2.5 gallons/liters

Sampling Data:

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

Notes:

Samples taken 10/27/08
BTEX - 3 vials
½ PAH

Sample for: BTEX 8021B 3-40ml w/ HCl
PAHs 8270C 1 - 1,000mL w/ $Na_2S_2O_3$ Amber
~~Total phenol 1 - 1,000mL w/ H_2SO_4~~ JC
~~Total cyanide 1 - 500mL w/ NaOH~~ JC
Sulfur odor noted

10/28/08
finish PAH
sample time: 820

GROUNDWATER SAMPLING DATA SHEET

WELL NO: MW-10B

Field Personnel: J. Gillies, J. Basile

Date: 10/27/08

Job No.:

Location: MSEG Bridge St

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

Depth to Water Surface Before Purging (from top of casing): - 8.99 feet

Height of Water Column: = 52.61 feet

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

One Well Volume of Water Before Purging: = 34.35 gallons or _____ liters

Volume of Water Equal to three well volumes: 103.05 gallons or _____ liters

Purging Method: Bladder Pump/Waterra Pump/Peristaltic Pump/Bailer **Meter #** Hanna HI 991301

Time	**Volume Purged** (Gallons / Liters)	Depth to Water (feet)	SC (mmhos/cm or µmhos) ms/cm	Temp. (°F or °C)	pH (SU)	Turbidity (NTU)
Stabilization Criteria			+/- 10%	+/-0.2 °C	+/- 0.1 SU	+/- 10%
1025	~~1.0~~ 1.0		0.73	13.5	7.06	6.48
1030	5.0		0.68	13.0	7.15	5.58
1035	10.0		0.67	12.3	7.13	17.5
1040	15.0		0.67	11.6	7.17	34.5
1045	20.0		0.68	11.7	7.27	19.0
1050	25.0		1.55	11.3	6.93	117
1100	30.0		1.58	11.3	6.98	356
1110	35.0		1.59	11.2	6.99	400
1120	40.00		1.62	11.3	7.13	>1000
1135	45.00		1.64	11.4	7.13	>1000
1145	50.00		1.63	11.3	7.13	>1000

Total Volume of Water Purged: 50 gallons/liters

Sampling Data: Sample time: 1155

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

Sheen/Appearance: None ~~Heavy~~ dark grey, slimy

Notes:

Sample for: BTEX 8021B 3-40mL w/ HCl
PAHs 8270C 2-1,000 mL w/ $Na_2S_2O_3$ Amber
Total phenol 1-1,000 mL w/ H_2SO_4
Total cyanide 1-500 mL w/ NaOH

-Sulfur odor

DUP-102708 for same parameters

GROUNDWATER SAMPLING DATA SHEET

WELL NO: MW-11B

Field Personnel:
J. Gillies
J. Basile

Date: 10/27/08
Job No.:
Location: MSEG Bridge St

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

Depth to Water Surface Before Purging (from top of casing): - 5.41 feet

Height of Water Column: = 33.69 feet

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

One Well Volume of Water Before Purging: = 21.99 gallons or _____ liters

Volume of Water Equal to three well volumes: 65.99 gallons or _____ liters

Purging Method: Bladder Pump/Waterra Pump/Peristaltic Pump/(Bailer) **Meter #** Hanna HI 9813

Time	**Volume Purged** (Gallons / Liters)	Depth to Water (feet)	SC (mmhos/cm or µmhos) ms/cm	Temp. (°F or °C)	pH (SU)	Turbidity (NTU)
Stabilization Criteria			+/- 10%	+/-0.2 °C	+/- 0.1 SU	+/- 10%
1425	1.0		0.85	14.7	8.67	61.0
1430	5.0		0.86	15.2	8.59	28.3
1435	10.0		0.85	15.0	8.69	66.2
1445	15.0		0.84	14.9	7.14	100.1
1453	20.0		0.87	12.9	9.05	74.6
1500	25.0		0.85	12.6	7.67	112
1510	30.0		0.89	12.2	7.14	112
		Well Dry @ 32 gallons				

Total Volume of Water Purged: 32 (gallons)/liters

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

Samples stored 10/27/08: BTEX - 2 vials

Notes:

Sample for: BTEX 8021B 3-40mL w/ HCl
PAHs 8270C ~~1/2~~ 1-1,000mL w/ $Na_2S_2O_3$ Amber
~~Total phenol 1-1,000mL w/ H_2SO_4~~ 36
~~Total cyanide 1-500mL w/ NaOH~~ 36

↳ 8/28/08 1 vial BTEX
1/2 PAH
Sample time: 840

WATER LEVEL/NAPL CHECK FIELD DATA SHEET

Project: NYSEG - Bridge Street
Date: 10/27/08

Field Personnel
J. Billies / J. Basile

Well Number	Time	Depth to Water	LNAPL Observations	DNAPL Observations	Comments
MW-1B	0800	9.99 JS			sand on top of well that dropped in well
MW-2B	~~0851~~ 0900	~~25.52~~ 26.30	Yes (~~25.48~~ NM JS)		sand on well cap
MW-3B	0822	14.78			
MW-6B	~~0902~~ ~~0850~~	~~6.35~~ ~~25.52~~ JB	~~Yes (NM)~~ ~~Yes (25.48)~~ JB		~~sand on well cap~~ JB
MW-7BS	0835	3.65			
MW-7BD	0843	11.51	Yes (NM)		
MW-9B	0807	30.31			
MW-10B	0815	8.99			
MW-11B	0829	5.41			

NM: no measurement

APPENDIX B
GROUNDWATER SAMPLE LABORATORY ANALYTICAL REPORT

Lancaster Laboratories

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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

SAMPLE GROUP

The sample group for this submittal is 1117355. Samples arrived at the laboratory on Wednesday, October 29, 2008. The PO# for this group is 38394485-06-01.

Client Description	Lancaster Labs Number
MW-10B Grab Water Sample	5512040
MW-7BS Grab Water Sample	5512041
DUP-102708 Grab Water Sample	5512042
MW-3B Grab Water Sample	5512043
MW-1B Grab Water Sample	5512044
MW-9B Grab Water Sample	5512045
MW-11B Grab Water Sample	5512046
MW-6B Grab Water Sample	5512047
MW-2B Grab Water Sample	5512048
MW-7BD Grab Water Sample	5512049
TB102808 Water Sample	5512050

METHODOLOGY

The specific methodologies used in obtaining the enclosed analytical results are indicated on the laboratory chronicles.

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

Lancaster Laboratories

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Analysis Report

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

Respectfully Submitted,

Christine Dulaney
Senior Specialist

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW5512040 Group No. 1117355

MW-10B Grab Water Sample
Plattsburgh, NY

Collected:10/27/2008 11:55 by JG Account Number: 08371

Submitted: 10/29/2008 09:00
Reported: 11/17/2008 at 12:56
Discard: 12/02/2008

URS Corporation
77 Goodell Street
Buffalo NY 14203

BSP10 SDG#: PNY04-01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00237	Total Cyanide (water)	57-12-5	N.D.	0.0050	mg/l	1
00434	Phenols (water)	n.a.	N.D.	0.015	mg/l	1
07805	PAHs in Water by GC/MS					
03947	Naphthalene	91-20-3	N.D.	5	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	5	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	5	ug/l	1
03956	Fluorene	86-73-7	N.D.	5	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	5	ug/l	1
03964	Anthracene	120-12-7	N.D.	5	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	5	ug/l	1
03967	Pyrene	129-00-0	N.D.	5	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	5	ug/l	1
03971	Chrysene	218-01-9	N.D.	5	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	5	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	5	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	5	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	5	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	5	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	5	ug/l	1
	Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.					
02300	BTEX by 8260B					
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

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

Laboratory Chronicle

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW5512040 **Group No. 1117355**

MW-10B Grab Water Sample
Plattsburgh, NY

Collected:10/27/2008 11:55 by JG

Account Number: 08371

Submitted: 10/29/2008 09:00
Reported: 11/17/2008 at 12:56
Discard: 12/02/2008

URS Corporation
77 Goodell Street
Buffalo NY 14203

BSP10 SDG#: PNY04-01

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00237	Total Cyanide (water)	EPA 335.4	1	11/05/2008 13:11	Venia B McFadden	1
00434	Phenols (water)	EPA 420.4	1	11/06/2008 14:58	Nicole M Kepley	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	11/07/2008 04:43	Brian K Graham	1
02300	BTEX by 8260B	SW-846 8260B	1	11/01/2008 17:43	Nicholas P Riehl	1
00491	Phenol Distillation (water)	EPA 420.4	1	10/31/2008 09:55	Nancy J Shoop	1
00492	Cyanide Water Distillation	EPA 335.4	1	11/04/2008 10:25	Nancy J Shoop	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/01/2008 17:43	Nicholas P Riehl	1
07807	BNA Water Extraction	SW-846 3510C	1	10/31/2008 10:00	Cynthia J Stoltzfus	1

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Analysis Report

Lancaster Laboratories Sample No. WW5512041 Group No. 1117355

MW-7BS Grab Water Sample
Plattsburgh, NY

Collected:10/27/2008 16:05 by JG Account Number: 08371

Submitted: 10/29/2008 09:00
Reported: 11/17/2008 at 12:56
Discard: 12/02/2008

URS Corporation
77 Goodell Street
Buffalo NY 14203

BSP7S SDG#: PNY04-02

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
00237	Total Cyanide (water)	57-12-5	0.0060	J	0.0050	mg/l	1
00434	Phenols (water)	n.a.	N.D.		0.015	mg/l	1
07805	PAHs in Water by GC/MS						
03947	Naphthalene	91-20-3	56		2	ug/l	1
03951	Acenaphthylene	208-96-8	23		2	ug/l	1
03954	Acenaphthene	83-32-9	53		2	ug/l	1
03956	Fluorene	86-73-7	23		2	ug/l	1
03963	Phenanthrene	85-01-8	90		2	ug/l	1
03964	Anthracene	120-12-7	18		2	ug/l	1
03966	Fluoranthene	206-44-0	26		2	ug/l	1
03967	Pyrene	129-00-0	33		2	ug/l	1
03970	Benzo(a)anthracene	56-55-3	9	J	2	ug/l	1
03971	Chrysene	218-01-9	8	J	2	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	4	J	2	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	3	J	2	ug/l	1
03977	Benzo(a)pyrene	50-32-8	5	J	2	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	9	J	2	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.		2	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	2	J	2	ug/l	1

Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.

The LCS recovery is outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: fluoranthene

02300	BTEX by 8260B						
05401	Benzene	71-43-2	29		0.5	ug/l	1
05407	Toluene	108-88-3	3	J	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	14		0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	12		0.8	ug/l	1

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

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW5512041 **Group No. 1117355**

MW-7BS Grab Water Sample
Plattsburgh, NY

Collected:10/27/2008 16:05 by JG

Account Number: 08371

Submitted: 10/29/2008 09:00
Reported: 11/17/2008 at 12:56
Discard: 12/02/2008

URS Corporation
77 Goodell Street
Buffalo NY 14203

BSP7S SDG#: PNY04-02

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00237	Total Cyanide (water)	EPA 335.4	1	11/05/2008 13:12	Venia B McFadden	1
00434	Phenols (water)	EPA 420.4	1	11/06/2008 15:40	Nicole M Kepley	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	11/07/2008 05:07	Brian K Graham	1
02300	BTEX by 8260B	SW-846 8260B	1	11/01/2008 18:06	Nicholas P Riehl	1
00491	Phenol Distillation (water)	EPA 420.4	1	10/31/2008 09:55	Nancy J Shoop	1
00492	Cyanide Water Distillation	EPA 335.4	1	11/04/2008 10:25	Nancy J Shoop	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/01/2008 18:06	Nicholas P Riehl	1
07807	BNA Water Extraction	SW-846 3510C	1	10/31/2008 10:00	Cynthia J Stoltzfus	1

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW5512042 Group No. 1117355

DUP-102708 Grab Water Sample
Plattsburgh, NY

Collected:10/27/2008 by JG

Account Number: 08371

Submitted: 10/29/2008 09:00
Reported: 11/17/2008 at 12:56
Discard: 12/02/2008

URS Corporation
77 Goodell Street
Buffalo NY 14203

BSPFD SDG#: PNY04-03FD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00237	Total Cyanide (water)	57-12-5	N.D.	0.0050	mg/l	1
00434	Phenols (water)	n.a.	N.D.	0.015	mg/l	1
07805	PAHs in Water by GC/MS					
03947	Naphthalene	91-20-3	N.D.	5	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	5	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	5	ug/l	1
03956	Fluorene	86-73-7	N.D.	5	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	5	ug/l	1
03964	Anthracene	120-12-7	N.D.	5	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	5	ug/l	1
03967	Pyrene	129-00-0	N.D.	5	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	5	ug/l	1
03971	Chrysene	218-01-9	N.D.	5	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	5	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	5	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	5	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	5	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	5	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	5	ug/l	1
	Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.					
02300	BTEX by 8260B					
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

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

Laboratory Chronicle

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Analysis Report

Lancaster Laboratories Sample No. WW5512042 **Group No. 1117355**

DUP-102708 Grab Water Sample
Plattsburgh, NY

Collected:10/27/2008 by JG

Account Number: 08371

Submitted: 10/29/2008 09:00
Reported: 11/17/2008 at 12:56
Discard: 12/02/2008

URS Corporation
77 Goodell Street
Buffalo NY 14203

BSPFD SDG#: PNY04-03FD

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00237	Total Cyanide (water)	EPA 335.4	1	11/05/2008 13:15	Venia B McFadden	1
00434	Phenols (water)	EPA 420.4	1	11/06/2008 15:42	Nicole M Kepley	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	11/07/2008 05:30	Brian K Graham	1
02300	BTEX by 8260B	SW-846 8260B	1	11/01/2008 18:29	Nicholas P Riehl	1
00491	Phenol Distillation (water)	EPA 420.4	1	10/31/2008 09:55	Nancy J Shoop	1
00492	Cyanide Water Distillation	EPA 335.4	1	11/04/2008 10:25	Nancy J Shoop	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/01/2008 18:29	Nicholas P Riehl	1
07807	BNA Water Extraction	SW-846 3510C	1	10/31/2008 10:00	Cynthia J Stoltzfus	1

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Analysis Report

Lancaster Laboratories Sample No. WW5512043 **Group No. 1117355**

MW-3B Grab Water Sample
Plattsburgh, NY

Collected:10/27/2008 17:00 by JG

Account Number: 08371

Submitted: 10/29/2008 09:00
Reported: 11/17/2008 at 12:56
Discard: 12/02/2008

URS Corporation
77 Goodell Street
Buffalo NY 14203

BSP3B SDG#: PNY04-04

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
00237	Total Cyanide (water)	57-12-5	N.D.		0.0050	mg/l	1
00434	Phenols (water)	n.a.	N.D.		0.015	mg/l	1
07805	PAHs in Water by GC/MS						
03947	Naphthalene	91-20-3	1,200		21	ug/l	20
03951	Acenaphthylene	208-96-8	5		1	ug/l	1
03954	Acenaphthene	83-32-9	23		1	ug/l	1
03956	Fluorene	86-73-7	1	J	1	ug/l	1
03963	Phenanthrene	85-01-8	N.D.		1	ug/l	1
03964	Anthracene	120-12-7	N.D.		1	ug/l	1
03966	Fluoranthene	206-44-0	N.D.		1	ug/l	1
03967	Pyrene	129-00-0	N.D.		1	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.		1	ug/l	1
03971	Chrysene	218-01-9	N.D.		1	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.		1	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.		1	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.		1	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		1	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.		1	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.		1	ug/l	1
02300	BTEX by 8260B						
05401	Benzene	71-43-2	580		5	ug/l	10
05407	Toluene	108-88-3	210		0.7	ug/l	1
05415	Ethylbenzene	100-41-4	290		8	ug/l	10
06310	Xylene (Total)	1330-20-7	310		0.8	ug/l	1

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis Trial#	Analysis Date and Time	Analyst	Dilution Factor
00237	Total Cyanide (water)	EPA 335.4	1	11/05/2008 13:17	Venia B McFadden	1
00434	Phenols (water)	EPA 420.4	1	11/06/2008 15:43	Nicole M Kepley	1

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW5512043 **Group No. 1117355**

MW-3B Grab Water Sample
Plattsburgh, NY

Collected:10/27/2008 17:00 by JG

Account Number: 08371

Submitted: 10/29/2008 09:00
Reported: 11/17/2008 at 12:56
Discard: 12/02/2008

URS Corporation
77 Goodell Street
Buffalo NY 14203

BSP3B SDG#: PNY04-04

07805	PAHs in Water by GC/MS	SW-846 8270C	1	11/07/2008 05:54	Brian K Graham	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	11/07/2008 19:42	William T Parker	20
02300	BTEX by 8260B	SW-846 8260B	1	11/01/2008 22:20	Nicholas P Riehl	1
02300	BTEX by 8260B	SW-846 8260B	1	11/01/2008 22:43	Nicholas P Riehl	10
00491	Phenol Distillation (water)	EPA 420.4	1	10/31/2008 09:55	Nancy J Shoop	1
00492	Cyanide Water Distillation	EPA 335.4	1	11/04/2008 10:25	Nancy J Shoop	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/01/2008 22:20	Nicholas P Riehl	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	11/01/2008 22:43	Nicholas P Riehl	10
07807	BNA Water Extraction	SW-846 3510C	1	10/31/2008 10:00	Cynthia J Stoltzfus	1

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW5512044 **Group No. 1117355**

MW-1B Grab Water Sample
Plattsburgh, NY

Collected:10/28/2008 08:05 by JG

Account Number: 08371

Submitted: 10/29/2008 09:00
Reported: 11/17/2008 at 12:56
Discard: 12/02/2008

URS Corporation
77 Goodell Street
Buffalo NY 14203

BSP1B SDG#: PNY04-05

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
02300	BTEX by 8260B						
05401	Benzene	71-43-2	1	J	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.		0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.		0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.		0.8	ug/l	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 = 3.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX by 8260B	SW-846 8260B	1	11/01/2008 17:20	Nicholas P Riehl	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/01/2008 17:20	Nicholas P Riehl	1

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW5512045 Group No. 1117355

MW-9B Grab Water Sample
Plattsburgh, NY

Collected:10/28/2008 08:20 by JG Account Number: 08371

Submitted: 10/29/2008 09:00
Reported: 11/17/2008 at 12:56
Discard: 12/02/2008

URS Corporation
77 Goodell Street
Buffalo NY 14203

BSP9B SDG#: PNY04-06

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07805	PAHs in Water by GC/MS					
03947	Naphthalene	91-20-3	N.D.	5	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	5	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	5	ug/l	1
03956	Fluorene	86-73-7	N.D.	5	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	5	ug/l	1
03964	Anthracene	120-12-7	N.D.	5	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	5	ug/l	1
03967	Pyrene	129-00-0	N.D.	5	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	5	ug/l	1
03971	Chrysene	218-01-9	N.D.	5	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	5	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	5	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	5	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	5	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	5	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	5	ug/l	1
	Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.					
02300	BTEX by 8260B					
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	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 = 7.					

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

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Analysis Report

Lancaster Laboratories Sample No. WW5512045 **Group No. 1117355**

MW-9B Grab Water Sample
Plattsburgh, NY

Collected:10/28/2008 08:20 by JG

Account Number: 08371

Submitted: 10/29/2008 09:00
Reported: 11/17/2008 at 12:56
Discard: 12/02/2008

URS Corporation
77 Goodell Street
Buffalo NY 14203

BSP9B SDG#: PNY04-06

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07805	PAHs in Water by GC/MS	SW-846 8270C	1	11/07/2008 06:17	Brian K Graham	1
02300	BTEX by 8260B	SW-846 8260B	1	11/01/2008 18:52	Nicholas P Riehl	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/01/2008 18:52	Nicholas P Riehl	1
07807	BNA Water Extraction	SW-846 3510C	1	10/31/2008 10:00	Cynthia J Stoltzfus	1

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW5512046 Group No. 1117355

MW-11B Grab Water Sample
Plattsburgh, NY

Collected:10/28/2008 08:40 by JG Account Number: 08371

Submitted: 10/29/2008 09:00
Reported: 11/17/2008 at 12:56
Discard: 12/02/2008

URS Corporation
77 Goodell Street
Buffalo NY 14203

BSP11 SDG#: PNY04-07

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
07805	PAHs in Water by GC/MS						
03947	Naphthalene	91-20-3	17		2	ug/l	1
03951	Acenaphthylene	208-96-8	4	J	2	ug/l	1
03954	Acenaphthene	83-32-9	6	J	2	ug/l	1
03956	Fluorene	86-73-7	2	J	2	ug/l	1
03963	Phenanthrene	85-01-8	7	J	2	ug/l	1
03964	Anthracene	120-12-7	N.D.		2	ug/l	1
03966	Fluoranthene	206-44-0	2	J	2	ug/l	1
03967	Pyrene	129-00-0	2	J	2	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.		2	ug/l	1
03971	Chrysene	218-01-9	N.D.		2	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.		2	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.		2	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.		2	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	7	J	2	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	7	J	2	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.		2	ug/l	1

Due to insufficient sample, the reporting limits for the GC/MS semivolatile compounds were raised.

The LCS recovery is outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: fluoranthene

02300	BTEX by 8260B						
05401	Benzene	71-43-2	3	J	0.5	ug/l	1
05407	Toluene	108-88-3	4	J	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	3	J	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	7		0.8	ug/l	1

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

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Analysis Report

Lancaster Laboratories Sample No. WW5512046 **Group No. 1117355**

MW-11B Grab Water Sample
Plattsburgh, NY

Collected:10/28/2008 08:40 by JG

Account Number: 08371

Submitted: 10/29/2008 09:00
Reported: 11/17/2008 at 12:56
Discard: 12/02/2008

URS Corporation
77 Goodell Street
Buffalo NY 14203

BSP11 SDG#: PNY04-07

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07805	PAHs in Water by GC/MS	SW-846 8270C	1	11/07/2008 06:41	Brian K Graham	1
02300	BTEX by 8260B	SW-846 8260B	1	11/01/2008 19:15	Nicholas P Riehl	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/01/2008 19:15	Nicholas P Riehl	1
07807	BNA Water Extraction	SW-846 3510C	1	10/31/2008 10:00	Cynthia J Stoltzfus	1

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Analysis Report

Lancaster Laboratories Sample No. WW5512047 Group No. 1117355

MW-6B Grab Water Sample
Plattsburgh, NY

Collected:10/28/2008 11:00 by JG Account Number: 08371

Submitted: 10/29/2008 09:00
Reported: 11/17/2008 at 12:56
Discard: 12/02/2008

URS Corporation
77 Goodell Street
Buffalo NY 14203

BSP6B SDG#: PNY04-08

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00237	Total Cyanide (water)	57-12-5	N.D.	0.0050	mg/l	1
00434	Phenols (water)	n.a.	0.032 J	0.015	mg/l	1
07805	PAHs in Water by GC/MS					
03947	Naphthalene	91-20-3	500	5	ug/l	1
03951	Acenaphthylene	208-96-8	670	51	ug/l	10
03954	Acenaphthene	83-32-9	160	5	ug/l	1
03956	Fluorene	86-73-7	350	5	ug/l	1
03963	Phenanthrene	85-01-8	1,400	51	ug/l	10
03964	Anthracene	120-12-7	330	5	ug/l	1
03966	Fluoranthene	206-44-0	580	51	ug/l	10
03967	Pyrene	129-00-0	780	51	ug/l	10
03970	Benzo(a)anthracene	56-55-3	240	5	ug/l	1
03971	Chrysene	218-01-9	210	5	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	190	5	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	74	5	ug/l	1
03977	Benzo(a)pyrene	50-32-8	250	5	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	110	5	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	34	5	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	160	5	ug/l	1

Due to sample matrix interferences observed during the extraction, the normal reporting limits were not attained.

The LCS recovery is outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: fluoranthene

02300	BTEX by 8260B					
05401	Benzene	71-43-2	52	0.5	ug/l	1
05407	Toluene	108-88-3	110	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	57	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	410	0.8	ug/l	1

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

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Analysis Report

Lancaster Laboratories Sample No. WW5512047 **Group No. 1117355**

MW-6B Grab Water Sample
Plattsburgh, NY

Collected:10/28/2008 11:00 by JG

Account Number: 08371

Submitted: 10/29/2008 09:00
Reported: 11/17/2008 at 12:56
Discard: 12/02/2008

URS Corporation
77 Goodell Street
Buffalo NY 14203

BSP6B SDG#: PNY04-08

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00237	Total Cyanide (water)	EPA 335.4	1	11/05/2008 13:18	Venia B McFadden	1
00434	Phenols (water)	EPA 420.4	1	11/06/2008 15:45	Nicole M Kepley	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	11/07/2008 07:04	Brian K Graham	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	11/07/2008 20:06	William T Parker	10
02300	BTEX by 8260B	SW-846 8260B	1	11/01/2008 19:38	Nicholas P Riehl	1
00491	Phenol Distillation (water)	EPA 420.4	1	10/31/2008 09:55	Nancy J Shoop	1
00492	Cyanide Water Distillation	EPA 335.4	1	11/04/2008 10:25	Nancy J Shoop	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/01/2008 19:38	Nicholas P Riehl	1
07807	BNA Water Extraction	SW-846 3510C	1	10/31/2008 10:00	Cynthia J Stoltzfus	1

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Analysis Report

Lancaster Laboratories Sample No. WW5512048 Group No. 1117355

MW-2B Grab Water Sample
Plattsburgh, NY

Collected:10/28/2008 11:15 by JG Account Number: 08371

Submitted: 10/29/2008 09:00
Reported: 11/17/2008 at 12:56
Discard: 12/02/2008

URS Corporation
77 Goodell Street
Buffalo NY 14203

BSP2B SDG#: PNY04-09

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
00237	Total Cyanide (water)	57-12-5	N.D.		0.0050	mg/l	1
00434	Phenols (water)	n.a.	0.051		0.015	mg/l	1
07805	PAHs in Water by GC/MS						
03947	Naphthalene	91-20-3	6,900		99	ug/l	100
03951	Acenaphthylene	208-96-8	500		10	ug/l	10
03954	Acenaphthene	83-32-9	67		1	ug/l	1
03956	Fluorene	86-73-7	100		1	ug/l	1
03963	Phenanthrene	85-01-8	220		10	ug/l	10
03964	Anthracene	120-12-7	36		1	ug/l	1
03966	Fluoranthene	206-44-0	50		1	ug/l	1
03967	Pyrene	129-00-0	68		1	ug/l	1
03970	Benzo(a)anthracene	56-55-3	13		1	ug/l	1
03971	Chrysene	218-01-9	12		1	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	11		1	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	4	J	1	ug/l	1
03977	Benzo(a)pyrene	50-32-8	14		1	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	9		1	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	5	J	1	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	9		1	ug/l	1

The LCS recovery is outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: fluoranthene

Surrogate recoveries are outside of QC limits for the initial GC/MS semivolatile analysis. The analysis was repeated outside of the required hold time and surrogate recoveries are again outside of QC limits, indicating a matrix effect. The data reported is from the initial extraction of the sample.

02300	BTEX by 8260B						
05401	Benzene	71-43-2	1,400		3	ug/l	5
05407	Toluene	108-88-3	2,400		35	ug/l	50
05415	Ethylbenzene	100-41-4	1,300		4	ug/l	5
06310	Xylene (Total)	1330-20-7	2,200		4	ug/l	5

All QC is compliant unless otherwise noted. Please refer to the Quality

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Analysis Report

Lancaster Laboratories Sample No. WW5512048 **Group No. 1117355**

MW-2B Grab Water Sample
Plattsburgh, NY

Collected:10/28/2008 11:15 by JG

Account Number: 08371

Submitted: 10/29/2008 09:00
Reported: 11/17/2008 at 12:56
Discard: 12/02/2008

URS Corporation
77 Goodell Street
Buffalo NY 14203

BSP2B SDG#: PNY04-09

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor

Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00237	Total Cyanide (water)	EPA 335.4	1	11/05/2008 13:19	Venia B McFadden	1
00434	Phenols (water)	EPA 420.4	1	11/06/2008 15:47	Nicole M Kepley	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	11/07/2008 07:28	Brian K Graham	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	11/07/2008 20:30	William T Parker	10
07805	PAHs in Water by GC/MS	SW-846 8270C	1	11/07/2008 20:54	William T Parker	100
02300	BTEX by 8260B	SW-846 8260B	1	11/01/2008 23:06	Nicholas P Riehl	5
02300	BTEX by 8260B	SW-846 8260B	1	11/01/2008 23:29	Nicholas P Riehl	50
00491	Phenol Distillation (water)	EPA 420.4	1	10/31/2008 09:55	Nancy J Shoop	1
00492	Cyanide Water Distillation	EPA 335.4	1	11/04/2008 10:25	Nancy J Shoop	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/01/2008 23:06	Nicholas P Riehl	5
01163	GC/MS VOA Water Prep	SW-846 5030B	2	11/01/2008 23:29	Nicholas P Riehl	50
07807	BNA Water Extraction	SW-846 3510C	1	10/31/2008 10:00	Cynthia J Stoltzfus	1

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW5512049 Group No. 1117355

MW-7BD Grab Water Sample
Plattsburgh, NY

Collected:10/28/2008 11:30 by JG Account Number: 08371

Submitted: 10/29/2008 09:00
Reported: 11/17/2008 at 12:56
Discard: 12/02/2008

URS Corporation
77 Goodell Street
Buffalo NY 14203

BSP7D SDG#: PNY04-10

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
00434	Phenols (water)	n.a.	0.62		0.030	mg/l	1
07805	PAHs in Water by GC/MS						
03947	Naphthalene	91-20-3	7,400		100	ug/l	10
03951	Acenaphthylene	208-96-8	840		10	ug/l	1
03954	Acenaphthene	83-32-9	210		10	ug/l	1
03956	Fluorene	86-73-7	330		10	ug/l	1
03963	Phenanthrene	85-01-8	1,300		100	ug/l	10
03964	Anthracene	120-12-7	230		10	ug/l	1
03966	Fluoranthene	206-44-0	490		10	ug/l	1
03967	Pyrene	129-00-0	720		10	ug/l	1
03970	Benzo(a)anthracene	56-55-3	160		10	ug/l	1
03971	Chrysene	218-01-9	140		10	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	120		10	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	47	J	10	ug/l	1
03977	Benzo(a)pyrene	50-32-8	150		10	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	90		10	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	48	J	10	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	93		10	ug/l	1

Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.

The LCS recovery is outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: fluoranthene

02300	BTEX by 8260B						
05401	Benzene	71-43-2	820		2	ug/l	4
05407	Toluene	108-88-3	850		3	ug/l	4
05415	Ethylbenzene	100-41-4	550		3	ug/l	4
06310	Xylene (Total)	1330-20-7	1,300		3	ug/l	4

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

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Analysis Report

Lancaster Laboratories Sample No. WW5512049 **Group No. 1117355**

MW-7BD Grab Water Sample
Plattsburgh, NY

Collected:10/28/2008 11:30 by JG

Account Number: 08371

Submitted: 10/29/2008 09:00
Reported: 11/17/2008 at 12:56
Discard: 12/02/2008

URS Corporation
77 Goodell Street
Buffalo NY 14203

BSP7D SDG#: PNY04-10

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00434	Phenols (water)	EPA 420.4	1	11/06/2008 15:49	Nicole M Kepley	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	11/07/2008 07:52	Brian K Graham	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	11/07/2008 21:17	William T Parker	10
02300	BTEX by 8260B	SW-846 8260B	1	11/01/2008 23:52	Nicholas P Riehl	4
00491	Phenol Distillation (water)	EPA 420.4	1	10/31/2008 09:55	Nancy J Shoop	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/01/2008 23:52	Nicholas P Riehl	4
07807	BNA Water Extraction	SW-846 3510C	1	10/31/2008 10:00	Cynthia J Stoltzfus	1

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Analysis Report

Lancaster Laboratories Sample No. WW5512050 **Group No. 1117355**

TB102808 Water Sample
Plattsburgh, NY

Collected:10/28/2008

Account Number: 08371

Submitted: 10/29/2008 09:00
Reported: 11/17/2008 at 12:56
Discard: 12/02/2008

URS Corporation
77 Goodell Street
Buffalo NY 14203

BSPTR SDG#: PNY04-11TB*

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02300	BTEX by 8260B					
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.8	ug/l	1

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
02300	BTEX by 8260B	SW-846 8260B	1	11/01/2008 15:25	Nicholas P Riehl	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/01/2008 15:25	Nicholas P Riehl	1

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Analysis Report

Quality Control Summary

Client Name: URS Corporation Group Number: 1117355
Reported: 11/17/08 at 12:56 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: 08304WAK026	Sample number(s): 5512040-5512043,5512045-5512049							
Naphthalene	N.D.	1.	ug/l	96	96	77-107	0	30
Acenaphthylene	N.D.	1.	ug/l	108	108	80-122	0	30
Acenaphthene	N.D.	1.	ug/l	104	105	82-110	1	30
Fluorene	N.D.	1.	ug/l	106	107	82-113	1	30
Phenanthrene	N.D.	1.	ug/l	107	109	83-112	1	30
Anthracene	N.D.	1.	ug/l	101	102	81-111	1	30
Fluoranthene	N.D.	1.	ug/l	108*	108*	76-106	0	30
Pyrene	N.D.	1.	ug/l	104	103	80-115	1	30
Benzo(a)anthracene	N.D.	1.	ug/l	101	99	80-110	2	30
Chrysene	N.D.	1.	ug/l	103	102	82-112	1	30
Benzo(b)fluoranthene	N.D.	1.	ug/l	101	103	66-125	2	30
Benzo(k)fluoranthene	N.D.	1.	ug/l	104	105	72-122	1	30
Benzo(a)pyrene	N.D.	1.	ug/l	107	107	74-120	0	30
Indeno(1,2,3-cd)pyrene	N.D.	1.	ug/l	102	100	69-121	2	30
Dibenz(a,h)anthracene	N.D.	1.	ug/l	98	96	74-131	3	30
Benzo(g,h,i)perylene	N.D.	1.	ug/l	103	102	71-125	1	30
Batch number: 08305113101A	Sample number(s): 5512040-5512043,5512047							
Phenols (water)	N.D.	0.015	mg/l	96		90-110		
Batch number: 08305113101B	Sample number(s): 5512048-5512049							
Phenols (water)	N.D.	0.015	mg/l	96		90-110		
Batch number: 08309102101A	Sample number(s): 5512040-5512043,5512047-5512048							
Total Cyanide (water)	N.D.	0.0050	mg/l	108		90-110		
Batch number: T083061AA	Sample number(s): 5512040-5512050							
Benzene	N.D.	0.5	ug/l	105	109	78-119	3	30
Toluene	N.D.	0.7	ug/l	96	96	85-115	0	30
Ethylbenzene	N.D.	0.8	ug/l	95	96	82-119	0	30
Xylene (Total)	N.D.	0.8	ug/l	99	98	83-113	0	30

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: 08305113101A	Sample number(s): 5512040-5512043,5512047 UNSPK: P508173								
Phenols (water)	106	98	90-110	7*	5				

*- 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: 1117355
Reported: 11/17/08 at 12:56 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: 08305113101B	Sample number(s): 5512048-5512049 UNSPK: P512806								
Phenols (water)	87*	86*	90-110	0	5				
Batch number: 08309102101A	Sample number(s): 5512040-5512043,5512047-5512048 UNSPK: P513815 BKG: P513815								
Total Cyanide (water)	89*		90-110			N.D.	N.D.	0 (1)	20
Batch number: T083061AA	Sample number(s): 5512040-5512050 UNSPK: P513060								
Benzene	115		83-128						
Toluene	105		83-127						
Ethylbenzene	104		82-129						
Xylene (Total)	107		82-130						

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: PAHs in Water by GC/MS
Batch number: 08304WAK026

	Nitrobenzene-d5	2-Fluorobiphenyl	Terphenyl-d14
5512040	97	99	77
5512041	94	98	83
5512042	95	96	80
5512043	95	92	89
5512045	89	90	80
5512046	98	98	94
5512047	82	83	71
5512048	143*	97	86
5512049	91	90	86
Blank	95	95	91
LCS	100	99	90
LCSD	99	101	89
Limits:	44-127	63-114	30-126

Analysis Name: BTEX by 8260B
Batch number: T083061AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5512040	96	94	93	92
5512041	96	93	93	94
5512042	96	95	92	92
5512043	97	93	89	89
5512044	97	95	91	91
5512045	96	92	93	94
5512046	96	93	94	94
5512047	96	93	91	94
5512048	98	92	88	89
5512049	99	93	88	86

*- 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: 1117355
Reported: 11/17/08 at 12:56 PM

Surrogate Quality Control

5512050	98	97	89	87
Blank	97	92	90	89
LCS	98	95	91	90
LCSD	97	97	90	89
MS	97	94	92	92
Limits:	80-116	77-113	80-113	78-113

*- 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# 1117355 Sample # 5512040-50

COC # 196966

Please print. Instructions on reverse side correspond with circled numbers.

(1) Client: URS Corporation Acct. #:

Project Name/#: NYSEG Bridge St PWSID #:

Project Manager: M. Gutmann P.O.#:

Sampler: J. Gillies / J. Basile Quote #:

Name of state where samples were collected: NY

For Lab Use Only

FSC:

SCR#: 616942

Preservation Codes

H=HCl T=Thiosulfate

N=HNO_3 B=NaOH

S=H_2SO_4 O=Other

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	Matrix (4): Soil	Water	Other (Potable / NPDES)	Total # of Containers	(5) Analyses Requested — Preservation Codes: H	O	B	S	BTEX - 8021B	PAHs - 8270C	Total Cyanides	Total Phenols	Remarks
MW-10B	10/27/08	1155	X			X							3	2	1	1	
MW-7BS	10/27/08	1605	X			X							3	2	1	1	
DUP-102708	10/27/08	—	X			X							3	2	1	1	
MW-3B	10/27/08	1700	X			X							3	2	1	1	
MW-1B	10/28/08	805	X			X							2				
MW-9B	10/28/08	820	X			X							3	1			
MW-11B	10/28/08	840	X			X							3	1/2			
MW-6B	10/28/08	1100	X			X							3	2	1	1	NAPL
MW-2B	8/28/08	1115	X			X							3	2	1	1	NAPL
MW-7BD	8/28/08	1130	X			X							3	1	3/4		NAPL

(6) Temperature of samples upon receipt (if requested)

(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 #: 518-688-0015 Fax #: 518-688-0022

E-mail address: jennifer-gillies@urscorp.com

(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
[signature]	10/28/08	15:15			
[signature]	10/28/08	1210			
			[signature]	10/29/08	0900

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 6371 Group# 1117355 Sample # 5512040-50

COC # 196967

Please print. Instructions on reverse side correspond with circled numbers.

(1)

Client: URS Corporation Acct. #:

Project Name/#: NYSEG Bridge St. PWSID #:

Project Manager: M. Gutmann P.O.#:

Sampler: J. Gillies / J. Basile Quote #:

Name of state where samples were collected: NY

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	(4) Matrix: Soil	Water	Other (Potable / NPDES — Check if Applicable)	Total # of Containers	(5) Analyses Requested — Preservation Codes: H	O	B	S							Remarks
									BTEX-8021B	PAHs-8270C	Total Cyanide	Total phenols							
TB102808	10/20/08	X	X			X		2											

For Lab Use Only

FSC:

SCR#:

Preservation Codes

H=HCl T=Thiosulfate

N=HNO_3 B=NaOH

S=H_2SO_4 O=Other

(6) Temperature of samples upon receipt (if requested)

(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 #: 518-688-0015 Fax #: 518-688-0022

E-mail address: jennifer-gillies@urscorp.com

(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
	10/20/08	1210			
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:	Date	Time
				10/21/08	0900

Lancaster Laboratories, Inc., 2425 New Holland Pike, Lancaster, PA 17601 (717) 656-2300 Fax: (717) 656-2766

Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

2102.03

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Environmental Sample Administration
Receipt Documentation Log

Client/Project: URS Corp.

Date of Receipt: 10/29/08

Time of Receipt: 0900

Source Code: 50-1

Unpacker Emp. No.: 1454

Shipping Container Sealed: (YES) NO

Custody Seal Present: (YES) NO

Custody Seal Intact: (YES) NO NA

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	0429865	2.4	TB	WI	Y	B	
2	↓	2.6	↓	↓	↓	↓	
3	↓	2.0	↓	↓	↓	↓	
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: Ø

Paperwork Discrepancy/Unpacking Problems:

TB's not labeled

Sample Administration Internal Chain of Custody

Name	Date	Time	Reason for Transfer
Joshua Dawson	10/29/08	1450	Unpacking to storage
Tammy Hebert	10/29/08	1720	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.

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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	0.5 U
Ethylbenzene	UG/L	5	1 U	1 U	1 U	0.8 U	0.8 U
Toluene	UG/L	5	1 U	1 U	0.382 J	0.7 U	0.7 U
Xylene (total)	UG/L	5	1 U	1 U	2 U	0.8 U	0.8 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 (QL). 0 indicates QL not available

Detection Limits shown are MDL

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

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

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 (QL). 0 indicates QL not available

Detection Limits shown are MDL

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

Location ID			MW-01B	MW-01B	MW-01B	MW-01B	MW-01B
Sample ID			BSGUD021B	DUP-01/28/02	BSGUD0101	BSGUD0101_9/21/05	MW-1B(09/12/2006)
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/28/02	01/28/02	09/16/04	09/21/05	09/12/06
Parameter	**Units**	**Criteria***		Field Duplicate (1-1)			
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	10 U	10 U	NA	NA	NA
Chrysene	UG/L	0.002 GV	NA	NA	NA	NA	1 U
Dibenz(a,h)anthracene	UG/L	NS	10 U	10 U	9.43 U	NA	1 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	1 U
Fluorene	UG/L	50 GV	10 U	10 U	9.43 U	NA	1 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	1 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	1 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	1 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.

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 (QL). 0 indicates QL not available

Detection Limits shown are MDL

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	5 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	12 U

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

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

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Detection Limits shown are MDL

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-02B	MW-02B	MW-02B
Sample ID			MW-01B 10/17/07	MW-1B	BSGDD0202	BSGDD0102	DUP-09/16/04
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/28/08	01/30/02	09/16/04	09/16/04
Parameter	**Units**	**Criteria***					Field Duplicate (1-1)
Volatile Organic Compounds							
Benzene	UG/L	1	0.8 J	1 J	1,300	917	910
Ethylbenzene	UG/L	5	0.8 U	0.8 U	1,500	987	1,520
Toluene	UG/L	5	0.7 U	0.7 U	2,600	1,470	1,790
Xylene (total)	UG/L	5	0.8 U	0.8 U	2,800	1,800	2,800
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	0.8	1	8,200	5,174	7,020
Semivolatile Organic Compounds							
2,4,6-Trichlorophenol	UG/L	1	NA	NA	0 U	NA	NA
2,4-Dinitrotoluene	UG/L	5	NA	NA	0 U	NA	NA
1,2-Diphenylhydrazine	UG/L	ND	NA	NA	0 U	NA	NA
Hexachlorobenzene	UG/L	0.04	NA	NA	0 U	NA	NA
Hexachloroethane	UG/L	5	NA	NA	0 U	NA	NA
Nitrobenzene	UG/L	0.4	NA	NA	0 U	NA	NA
1,2,4-Trichlorobenzene	UG/L	5	NA	NA	0 U	NA	NA
2,4-Dichlorophenol	UG/L	5	NA	NA	0 U	NA	NA
Pentachlorophenol	UG/L	1	NA	NA	0 U	NA	NA
2,4-Dimethylphenol	UG/L	50 GV	NA	NA	0 U	NA	NA
2,4-Dinitrophenol	UG/L	10 GV	NA	NA	0 U	NA	NA
1,2-Dichlorobenzene	UG/L	3	NA	NA	0 U	NA	NA
2,6-Dinitrotoluene	UG/L	5	NA	NA	0 U	NA	NA
2-Chloronaphthalene	UG/L	10 GV	NA	NA	0 U	NA	NA
2-Chlorophenol	UG/L	1	NA	NA	0 U	NA	NA
2-Methylnaphthalene	UG/L	NS	NA	NA	170 J	556	457

*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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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-02B	MW-02B	MW-02B
Sample ID			MW-01B 10/17/07	MW-1B	BSGDD0202	BSGDD0102	DUP-09/16/04
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/28/08	01/30/02	09/16/04	09/16/04
Parameter	Units	Criteria*					Field Duplicate (1-1)
Semivolatile Organic Compounds							
2-Nitrophenol	UG/L	1	NA	NA	0 U	NA	NA
3,3'-Dichlorobenzidine	UG/L	5	NA	NA	0 U	NA	NA
1,3-Dichlorobenzene	UG/L	3	NA	NA	0 U	NA	NA
4,6-Dinitro-2-methylphenol	UG/L	1	NA	NA	0 U	NA	NA
4-Bromophenyl-phenylether	UG/L	NS	NA	NA	0 U	NA	NA
1,4-Dichlorobenzene	UG/L	3	NA	NA	0 U	NA	NA
4-Chlorophenyl-phenylether	UG/L	NS	NA	NA	0 U	NA	NA
4-Chloro-3-methylphenol	UG/L	1	NA	NA	0 U	NA	NA
4-Nitrophenol	UG/L	1	NA	NA	0 U	NA	NA
Acenaphthene	UG/L	20 GV	1 U	NA	26 J	94.2 J	67.4
Acenaphthylene	UG/L	NS	1 U	NA	280	692	497
Anthracene	UG/L	50 GV	1 U	NA	0 U	190 J	115
Benzidine	UG/L	5	NA	NA	0 U	NA	NA
Benzo(a)anthracene	UG/L	0.002 GV	1 U	NA	0 U	122 J	70.2
Benzo(a)pyrene	UG/L	ND	1 U	NA	0 U	128 J	69.9
Benzo(b)fluoranthene	UG/L	0.002 GV	1 U	NA	0 U	54.3 J	31.6 J
Benzo(g,h,i)perylene	UG/L	NS	1 U	NA	0 U	92.9 J	94.2
Benzo(k)fluoranthene	UG/L	0.002 GV	1 U	NA	0 U	79.9 J	37.4 J
bis(2-Chloroisopropyl)ether	UG/L	NS	NA	NA	0 U	NA	NA
bis(2-Chloroethoxy)methane	UG/L	5	NA	NA	0 U	117 J	67.7
bis(2-Chloroethyl)ether	UG/L	1	NA	NA	0 U	NA	NA
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	NA	0 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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Concentration Exceeds Criteria

NA - Not Analyzed. ND - Not Detected.

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Detection Limits shown are MDL

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-02B	MW-02B	MW-02B
Sample ID			MW-01B 10/17/07	MW-1B	BSGDD0202	BSGDD0102	DUP-09/16/04
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/28/08	01/30/02	09/16/04	09/16/04
Parameter	Units	Criteria*					Field Duplicate (1-1)
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	NA	NA	0 U	NA	NA
Chrysene	UG/L	0.002 GV	1 U	NA	NA	NA	NA
Dibenz(a,h)anthracene	UG/L	NS	1 U	NA	0 U	243 U	13.3 J
Dibenzofuran	UG/L	NS	NA	NA	NA	NA	NA
Diethylphthalate	UG/L	50 GV	NA	NA	0 U	NA	NA
Dimethylphthalate	UG/L	50 GV	NA	NA	0 U	NA	NA
Di-n-butylphthalate	UG/L	50	NA	NA	0 U	NA	NA
Hexachlorobutadiene	UG/L	0.5	NA	NA	0 U	NA	NA
Di-n-octylphthalate	UG/L	50 GV	NA	NA	0 U	NA	NA
Fluoranthene	UG/L	50 GV	1 U	NA	0 U	348	208
Fluorene	UG/L	50 GV	1 U	NA	34 J	247	161
Hexachlorocyclopentadiene	UG/L	5	NA	NA	0 U	NA	NA
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	1 U	NA	0 U	55.5 J	71.5
Isophorone	UG/L	50 GV	NA	NA	0 U	NA	NA
Naphthalene	UG/L	10 GV	1 U	NA	3,000	4,130	4,030
N-Nitrosodimethylamine	UG/L	NS	NA	NA	0 U	NA	NA
N-Nitrosodiphenylamine	UG/L	50 GV	NA	NA	0 U	NA	NA
Phenanthrene	UG/L	50 GV	1 U	NA	68 J	950	30 J
Phenol	UG/L	1	NA	NA	0 U	NA	NA
Pyrene	UG/L	50 GV	1 U	NA	0 U	520	299
Total Semivolatile Organic Compounds	UG/L	-	ND	NA	3,578	8,376.8	6,320.2

*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-02B	MW-02B	MW-02B
Sample ID			MW-01B 10/17/07	MW-1B	BSGDD0202	BSGDD0102	DUP-09/16/04
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/28/08	01/30/02	09/16/04	09/16/04
Parameter	Units	Criteria*					Field Duplicate (1-1)
Metals							
Aluminum	UG/L	NS	NA	NA	19,000	NA	NA
Antimony	UG/L	3	NA	NA	0 U	NA	NA
Arsenic	UG/L	25	NA	NA	0 U	NA	NA
Barium	UG/L	1000	NA	NA	670	NA	NA
Cadmium	UG/L	5	NA	NA	0 U	NA	NA
Chromium	UG/L	50	NA	NA	20	NA	NA
Copper	UG/L	200	NA	NA	49	NA	NA
Iron	UG/L	300	NA	NA	24,000	NA	NA
Lead	UG/L	25	NA	NA	38	NA	NA
Manganese	UG/L	300	NA	NA	380	NA	NA
Mercury	UG/L	0.7	NA	NA	0 U	NA	NA
Nickel	UG/L	100	NA	NA	0 U	NA	NA
Selenium	UG/L	10	NA	NA	0 U	NA	NA
Silver	UG/L	50	NA	NA	0 U	NA	NA
Vanadium	UG/L	NS	NA	NA	0 U	NA	NA
Zinc	UG/L	2000 GV	NA	NA	70	NA	NA
Miscellaneous Parameters							
Cyanide	UG/L	200	5 U	NA	0 U	10 U	10 U
Free Cyanide	UG/L	NS	NA	NA	0 U	NA	NA
Phenolics, Total Recoverable	UG/L	1	NA	NA	36	106	118

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

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

Location ID			MW-02B	MW-02B	MW-02B	MW-02B	MW-02B
Sample ID			BSGDD0102_9/21/05	DUP 09/21/05	MW-2B(09/12/2006)	MW-02B 10/17/07	MW-2B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/21/05	09/21/05	09/12/06	10/17/07	10/28/08
Parameter	**Units**	**Criteria***		Field Duplicate (1-1)			
Volatile Organic Compounds							
Benzene	UG/L	1	850	870	1,600	1,700	1,400
Ethylbenzene	UG/L	5	970	1,000	1,400	2,300	1,300
Toluene	UG/L	5	1,300	1,400	2,400	3,600	2,400
Xylene (total)	UG/L	5	1,600	1,700	2,200	3,900	2,200
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	4,720	4,970	7,600	11,500	7,300
Semivolatile Organic Compounds							
2,4,6-Trichlorophenol	UG/L	1	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	UG/L	5	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	UG/L	ND	NA	NA	NA	NA	NA
Hexachlorobenzene	UG/L	0.04	NA	NA	NA	NA	NA
Hexachloroethane	UG/L	5	NA	NA	NA	NA	NA
Nitrobenzene	UG/L	0.4	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	UG/L	5	NA	NA	NA	NA	NA
2,4-Dichlorophenol	UG/L	5	NA	NA	NA	NA	NA
Pentachlorophenol	UG/L	1	NA	NA	NA	NA	NA
2,4-Dimethylphenol	UG/L	50 GV	NA	NA	NA	NA	NA
2,4-Dinitrophenol	UG/L	10 GV	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	UG/L	5	NA	NA	NA	NA	NA
2-Chloronaphthalene	UG/L	10 GV	NA	NA	NA	NA	NA
2-Chlorophenol	UG/L	1	NA	NA	NA	NA	NA
2-Methylnaphthalene	UG/L	NS	NA	NA	NA	NA	NA

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

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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			BSGDD0102_9/21/05	DUP 09/21/05	MW-2B(09/12/2006)	MW-02B 10/17/07	MW-2B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/21/05	09/21/05	09/12/06	10/17/07	10/28/08
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	7,100	19,000	90	11,000	67
Acenaphthylene	UG/L	NS	45,000	120,000	690	54,000	500
Anthracene	UG/L	50 GV	16,000	43,000	110	22,000	36
Benzidine	UG/L	5	NA	NA	NA	NA	NA
Benzo(a)anthracene	UG/L	0.002 GV	11,000	31,000	68	15,000	13
Benzo(a)pyrene	UG/L	ND	11,000	30,000	72	17,000	14
Benzo(b)fluoranthene	UG/L	0.002 GV	8,700	21,000	53	12,000	11
Benzo(g,h,i)perylene	UG/L	NS	6,600	17,000	51	12,000	9
Benzo(k)fluoranthene	UG/L	0.002 GV	4,200	7,500	22	3,300	4 J
bis(2-Chloroisopropyl)ether	UG/L	NS	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	UG/L	5	9,800	28,000	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 MDL

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			BSGDD0102_9/21/05	DUP 09/21/05	MW-2B(09/12/2006)	MW-02B 10/17/07	MW-2B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/21/05	09/21/05	09/12/06	10/17/07	10/28/08
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	67	14,000	12
Dibenz(a,h)anthracene	UG/L	NS	1,000	2,500	8	1,600	5 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	33,000	85,000	200	41,000	50
Fluorene	UG/L	50 GV	18,000	50,000	200	27,000	100
Hexachlorocyclopentadiene	UG/L	5	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	4,500	12,000	42	9,600	9
Isophorone	UG/L	50 GV	NA	NA	NA	NA	NA
Naphthalene	UG/L	10 GV	150,000	380,000	6,000	200,000	6,900
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	79,000	200,000	570	110,000	220
Phenol	UG/L	1	NA	NA	NA	NA	NA
Pyrene	UG/L	50 GV	45,000	120,000	280	49,000	68
Total Semivolatile Organic Compounds	UG/L	-	449,900	1,166,000	8,523	598,500	8,018

*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 MDL

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			BSGDD0102_9/21/05	DUP 09/21/05	MW-2B(09/12/2006)	MW-02B 10/17/07	MW-2B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/21/05	09/21/05	09/12/06	10/17/07	10/28/08
Parameter	**Units**	**Criteria***		Field Duplicate (1-1)			
Metals							
Aluminum	UG/L	NS	NA	NA	NA	NA	NA
Antimony	UG/L	3	NA	NA	NA	NA	NA
Arsenic	UG/L	25	NA	NA	NA	NA	NA
Barium	UG/L	1000	NA	NA	NA	NA	NA
Cadmium	UG/L	5	NA	NA	NA	NA	NA
Chromium	UG/L	50	NA	NA	NA	NA	NA
Copper	UG/L	200	NA	NA	NA	NA	NA
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Mercury	UG/L	0.7	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Selenium	UG/L	10	NA	NA	NA	NA	NA
Silver	UG/L	50	NA	NA	NA	NA	NA
Vanadium	UG/L	NS	NA	NA	NA	NA	NA
Zinc	UG/L	2000 GV	NA	NA	NA	NA	NA
Miscellaneous Parameters							
Cyanide	UG/L	200	5 U	5 U	5 U	NA	5.0 U
Free Cyanide	UG/L	NS	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	UG/L	1	12 U	12 U	61	NA	51

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

Flags assigned during chemistry validation are shown.

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Detection Limits shown are MDL

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

Location ID			MW-03B	MW-03B	MW-03B	MW-03B	MW-03B
Sample ID			MW-3B 10/04/02	BSGDD0203	BSGDD0203_9/21/05	DUP20060912	MW-3B(09/12/2006)
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/04/02	09/16/04	09/21/05	09/12/06	09/12/06
Parameter	**Units**	**Criteria***				Field Duplicate (1-1)	
Volatile Organic Compounds							
Benzene	UG/L	1	64	6.59	310	640	640
Ethylbenzene	UG/L	5	1 U	0.317 J	97	430	440
Toluene	UG/L	5	4	0.768 J	50	160	160
Xylene (total)	UG/L	5	1 U	2 U	81	290	290
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	68	7.675	538	1,520	1,530
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	9.52 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 (QL). 0 indicates QL not available

Detection Limits shown are MDL

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

Location ID			MW-03B	MW-03B	MW-03B	MW-03B	MW-03B
Sample ID			MW-3B 10/04/02	BSGDD0203	BSGDD0203_9/21/05	DUP20060912	MW-3B(09/12/2006)
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/04/02	09/16/04	09/21/05	09/12/06	09/12/06
Parameter	Units	Criteria*				Field Duplicate (1-1)	
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	9.52 U	23	37	37
Acenaphthylene	UG/L	NS	10 U	9.52 U	3 J	5	5
Anthracene	UG/L	50 GV	10 U	9.52 U	1 U	0.9 U	0.9 U
Benzidine	UG/L	5	80 U	NA	NA	NA	NA
Benzo(a)anthracene	UG/L	0.002 GV	10 U	9.52 U	1 U	0.9 U	0.9 U
Benzo(a)pyrene	UG/L	ND	10 U	9.52 U	1 U	0.9 U	0.9 U
Benzo(b)fluoranthene	UG/L	0.002 GV	10 U	9.52 U	1 U	0.9 U	0.9 U
Benzo(g,h,i)perylene	UG/L	NS	10 U	9.52 U	1 U	0.9 U	0.9 U
Benzo(k)fluoranthene	UG/L	0.002 GV	10 U	9.52 U	1 U	0.9 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	9.52 U	1 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

NA - Not Analyzed. ND - Not Detected.

J - The reported concentration is an estimated value.

U - Not detected above the reported quantitation limit (QL). 0 indicates QL not available

Detection Limits shown are MDL

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

Location ID			MW-03B	MW-03B	MW-03B	MW-03B	MW-03B
Sample ID			MW-3B 10/04/02	BSGDD0203	BSGDD0203_9/21/05	DUP20060912	MW-3B(09/12/2006)
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/04/02	09/16/04	09/21/05	09/12/06	09/12/06
Parameter	**Units**	**Criteria***				Field Duplicate (1-1)	
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	10 U	NA	NA	NA	NA
Chrysene	UG/L	0.002 GV	NA	NA	NA	0.9 U	0.9 U
Dibenz(a,h)anthracene	UG/L	NS	10 U	9.52 U	1 U	0.9 U	0.9 U
Dibenzofuran	UG/L	NS	10 U	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	9.52 U	1 U	0.9 U	0.9 U
Fluorene	UG/L	50 GV	10 U	9.52 U	2 J	3 J	3 J
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	1 U	0.9 U	0.9 U
Isophorone	UG/L	50 GV	10 U	NA	NA	NA	NA
Naphthalene	UG/L	10 GV	10 U	9.52 U	440	1,300	1,200
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	9.52 U	1 J	2 J	2 J
Phenol	UG/L	1	10 U	NA	NA	NA	NA
Pyrene	UG/L	50 GV	10 U	9.52 U	1 U	0.9 U	0.9 U
Total Semivolatile Organic Compounds	UG/L	-	ND	ND	469	1,347	1,247

*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-03B	MW-03B	MW-03B	MW-03B	MW-03B
Sample ID			MW-3B 10/04/02	BSGDD0203	BSGDD0203_9/21/05	DUP20060912	MW-3B(09/12/2006)
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/04/02	09/16/04	09/21/05	09/12/06	09/12/06
Parameter	**Units**	**Criteria***				Field Duplicate (1-1)	
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	10	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	2,090	NA	NA	NA	NA
Lead	UG/L	25	5 U	NA	NA	NA	NA
Manganese	UG/L	300	30	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	110	10 U	5 U	5 U	5 U
Free Cyanide	UG/L	NS	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	UG/L	1	NA	23.4	27 J	35 J	41

*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-06B	MW-06B	MW-06B
Sample ID			MW-03B 10/17/07	MW-3B	BSGDD026B	BSGDD0206	BSGDD0106
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/27/08	01/28/02	01/30/02	09/16/04
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
Benzene	UG/L	1	760	580	1	NA	1.58
Ethylbenzene	UG/L	5	390	290	1 U	NA	1.71
Toluene	UG/L	5	190	210	1 U	NA	1.61
Xylene (total)	UG/L	5	290	310	1 U	NA	4.22
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	1,630	1,390	1	NA	9.12
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	NA	5.51 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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Concentration Exceeds Criteria

NA - Not Analyzed. ND - Not Detected.

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Detection Limits shown are MDL

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-06B	MW-06B	MW-06B
Sample ID			MW-03B 10/17/07	MW-3B	BSGDD026B	BSGDD0206	BSGDD0106
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/27/08	01/28/02	01/30/02	09/16/04
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	43	23	10 U	NA	9.8 U
Acenaphthylene	UG/L	NS	9	5	10 U	NA	4.89 J
Anthracene	UG/L	50 GV	1 U	1 U	10 U	NA	9.8 U
Benzidine	UG/L	5	NA	NA	80 U	NA	NA
Benzo(a)anthracene	UG/L	0.002 GV	1 U	1 U	10 U	NA	9.8 U
Benzo(a)pyrene	UG/L	ND	1 U	1 U	10 U	NA	9.8 U
Benzo(b)fluoranthene	UG/L	0.002 GV	1 U	1 U	10 U	NA	9.8 U
Benzo(g,h,i)perylene	UG/L	NS	1 U	1 U	10 U	NA	9.8 U
Benzo(k)fluoranthene	UG/L	0.002 GV	1 U	1 U	10 U	NA	9.8 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	NA	9.8 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.

J - The reported concentration is an estimated value.

U - Not detected above the reported quantitation limit (QL). 0 indicates QL not available

Detection Limits shown are MDL

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-06B	MW-06B	MW-06B
Sample ID			MW-03B 10/17/07	MW-3B	BSGDD026B	BSGDD0206	BSGDD0106
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/27/08	01/28/02	01/30/02	09/16/04
Parameter	**Units**	**Criteria***					
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	NA	NA	10 U	NA	NA
Chrysene	UG/L	0.002 GV	1 U	1 U	NA	NA	NA
Dibenz(a,h)anthracene	UG/L	NS	1 U	1 U	10 U	NA	9.8 U
Dibenzofuran	UG/L	NS	NA	NA	NA	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	1 U	1 U	10 U	NA	9.8 U
Fluorene	UG/L	50 GV	4 J	1 J	10 U	NA	9.8 U
Hexachlorocyclopentadiene	UG/L	5	NA	NA	10 U	NA	NA
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	1 U	1 U	10 U	NA	9.8 U
Isophorone	UG/L	50 GV	NA	NA	10 U	NA	NA
Naphthalene	UG/L	10 GV	1,100	1,200	10 U	NA	11.1
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	2 J	1 U	10 U	NA	2.79 J
Phenol	UG/L	1	NA	NA	68	NA	NA
Pyrene	UG/L	50 GV	1 U	1 U	10 U	NA	9.8 U
Total Semivolatile Organic Compounds	UG/L	-	1,158	1,229	68	NA	24.29

*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.

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Detection Limits shown are MDL

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-06B	MW-06B	MW-06B
Sample ID			MW-03B 10/17/07	MW-3B	BSGDD026B	BSGDD0206	BSGDD0106
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/27/08	01/28/02	01/30/02	09/16/04
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	110	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	29	NA	NA
Iron	UG/L	300	NA	NA	150	NA	NA
Lead	UG/L	25	NA	NA	5 U	NA	NA
Manganese	UG/L	300	NA	NA	20 U	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	5 U	5.0 U	10 U	NA	10 U
Free Cyanide	UG/L	NS	NA	NA	10 U	NA	NA
Phenolics, Total Recoverable	UG/L	1	23 J	15 U	NA	234	42.5

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

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Concentration Exceeds Criteria

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Detection Limits shown are MDL

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-07BD
Sample ID			BSGDD0106_9/21/05	MW-6B(09/12/2006)	MW-06B 10/17/07	MW-6B	BSGDD0207
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/21/05	09/12/06	10/17/07	10/28/08	01/30/02
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
Benzene	UG/L	1	3 J	2 J	14	52	1,300
Ethylbenzene	UG/L	5	22	1 J	1 J	57	930
Toluene	UG/L	5	11	3 J	30	110	1,900
Xylene (total)	UG/L	5	57	7	91	410	2,300
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	93	13	136	629	6,430
Semivolatile Organic Compounds							
2,4,6-Trichlorophenol	UG/L	1	NA	NA	NA	NA	0 U
2,4-Dinitrotoluene	UG/L	5	NA	NA	NA	NA	0 U
1,2-Diphenylhydrazine	UG/L	ND	NA	NA	NA	NA	0 U
Hexachlorobenzene	UG/L	0.04	NA	NA	NA	NA	0 U
Hexachloroethane	UG/L	5	NA	NA	NA	NA	0 U
Nitrobenzene	UG/L	0.4	NA	NA	NA	NA	0 U
1,2,4-Trichlorobenzene	UG/L	5	NA	NA	NA	NA	0 U
2,4-Dichlorophenol	UG/L	5	NA	NA	NA	NA	0 U
Pentachlorophenol	UG/L	1	NA	NA	NA	NA	0 U
2,4-Dimethylphenol	UG/L	50 GV	NA	NA	NA	NA	0 U
2,4-Dinitrophenol	UG/L	10 GV	NA	NA	NA	NA	0 U
1,2-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	0 U
2,6-Dinitrotoluene	UG/L	5	NA	NA	NA	NA	0 U
2-Chloronaphthalene	UG/L	10 GV	NA	NA	NA	NA	0 U
2-Chlorophenol	UG/L	1	NA	NA	NA	NA	0 U
2-Methylnaphthalene	UG/L	NS	NA	NA	NA	NA	640

*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 MDL

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-07BD
Sample ID			BSGDD0106_9/21/05	MW-6B(09/12/2006)	MW-06B 10/17/07	MW-6B	BSGDD0207
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/21/05	09/12/06	10/17/07	10/28/08	01/30/02
Parameter	**Units**	**Criteria***					
Semivolatile Organic Compounds							
2-Nitrophenol	UG/L	1	NA	NA	NA	NA	0 U
3,3'-Dichlorobenzidine	UG/L	5	NA	NA	NA	NA	0 U
1,3-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	0 U
4,6-Dinitro-2-methylphenol	UG/L	1	NA	NA	NA	NA	0 U
4-Bromophenyl-phenylether	UG/L	NS	NA	NA	NA	NA	0 U
1,4-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	0 U
4-Chlorophenyl-phenylether	UG/L	NS	NA	NA	NA	NA	0 U
4-Chloro-3-methylphenol	UG/L	1	NA	NA	NA	NA	0 U
4-Nitrophenol	UG/L	1	NA	NA	NA	NA	0 U
Acenaphthene	UG/L	20 GV	NA	57	120	160	160 J
Acenaphthylene	UG/L	NS	NA	310	760	670	920
Anthracene	UG/L	50 GV	NA	250	390	330	240 J
Benzidine	UG/L	5	NA	NA	NA	NA	0 U
Benzo(a)anthracene	UG/L	0.002 GV	NA	280	360	240	100 J
Benzo(a)pyrene	UG/L	ND	NA	310	380	250	40 J
Benzo(b)fluoranthene	UG/L	0.002 GV	NA	220	290	190	44 J
Benzo(g,h,i)perylene	UG/L	NS	NA	230	300	160	0 U
Benzo(k)fluoranthene	UG/L	0.002 GV	NA	84	120	74	48 J
bis(2-Chloroisopropyl)ether	UG/L	NS	NA	NA	NA	NA	0 U
bis(2-Chloroethoxy)methane	UG/L	5	NA	NA	NA	NA	100 J
bis(2-Chloroethyl)ether	UG/L	1	NA	NA	NA	NA	0 U
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	NA	NA	NA	44 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 (QL). 0 indicates QL not available

Detection Limits shown are MDL

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-07BD
Sample ID			BSGDD0106_9/21/05	MW-6B(09/12/2006)	MW-06B 10/17/07	MW-6B	BSGDD0207
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/21/05	09/12/06	10/17/07	10/28/08	01/30/02
Parameter	**Units**	**Criteria***					
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	NA	NA	NA	NA	0 U
Chrysene	UG/L	0.002 GV	NA	270	350	210	NA
Dibenz(a,h)anthracene	UG/L	NS	NA	5	54	34	0 U
Dibenzofuran	UG/L	NS	NA	NA	NA	NA	NA
Diethylphthalate	UG/L	50 GV	NA	NA	NA	NA	0 U
Dimethylphthalate	UG/L	50 GV	NA	NA	NA	NA	0 U
Di-n-butylphthalate	UG/L	50	NA	NA	NA	NA	0 U
Hexachlorobutadiene	UG/L	0.5	NA	NA	NA	NA	0 U
Di-n-octylphthalate	UG/L	50 GV	NA	NA	NA	NA	0 U
Fluoranthene	UG/L	50 GV	NA	600	940	580	300 J
Fluorene	UG/L	50 GV	NA	180	260	350	300 J
Hexachlorocyclopentadiene	UG/L	5	NA	NA	NA	NA	0 U
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	NA	190	240	110	0 U
Isophorone	UG/L	50 GV	NA	NA	NA	NA	0 U
Naphthalene	UG/L	10 GV	NA	120	830	500	6,400
N-Nitrosodimethylamine	UG/L	NS	NA	NA	NA	NA	0 U
N-Nitrosodiphenylamine	UG/L	50 GV	NA	NA	NA	NA	0 U
Phenanthrene	UG/L	50 GV	NA	860	1,500	1,400	1,000
Phenol	UG/L	1	NA	NA	NA	NA	0 U
Pyrene	UG/L	50 GV	NA	820	1,200	780	560
Total Semivolatile Organic Compounds	UG/L	-	NA	4,786	8,094	6,038	10,896

*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 MDL

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-07BD
Sample ID			BSGDD0106_9/21/05	MW-6B(09/12/2006)	MW-06B 10/17/07	MW-6B	BSGDD0207
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/21/05	09/12/06	10/17/07	10/28/08	01/30/02
Parameter	**Units**	**Criteria***					
Metals							
Aluminum	UG/L	NS	NA	NA	NA	NA	5,400
Antimony	UG/L	3	NA	NA	NA	NA	0 U
Arsenic	UG/L	25	NA	NA	NA	NA	0 U
Barium	UG/L	1000	NA	NA	NA	NA	120
Cadmium	UG/L	5	NA	NA	NA	NA	0 U
Chromium	UG/L	50	NA	NA	NA	NA	0 U
Copper	UG/L	200	NA	NA	NA	NA	34
Iron	UG/L	300	NA	NA	NA	NA	128,000
Lead	UG/L	25	NA	NA	NA	NA	0 U
Manganese	UG/L	300	NA	NA	NA	NA	1,440
Mercury	UG/L	0.7	NA	NA	NA	NA	0 U
Nickel	UG/L	100	NA	NA	NA	NA	0 U
Selenium	UG/L	10	NA	NA	NA	NA	0 U
Silver	UG/L	50	NA	NA	NA	NA	0 U
Vanadium	UG/L	NS	NA	NA	NA	NA	0 U
Zinc	UG/L	2000 GV	NA	NA	NA	NA	4,140
Miscellaneous Parameters							
Cyanide	UG/L	200	5 U	5 U	5 U	5.0 U	0 U
Free Cyanide	UG/L	NS	NA	NA	NA	NA	0 U
Phenolics, Total Recoverable	UG/L	1	NA	27 J	110	32 J	207

*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 MDL

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	BSGDD0107_9/21/05	MW-7BD(09/12/2006)	MW-07BD 10/17/07	MW-7BD
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/16/04	09/21/05	09/12/06	10/17/07	10/28/08
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
Benzene	UG/L	1	464	830	1,100	1,400	820
Ethylbenzene	UG/L	5	279	980	780	660	550
Toluene	UG/L	5	581	1,300	1,400	1,600	850
Xylene (total)	UG/L	5	855	2,100	1,700	1,500	1,300
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	2,179	5,210	4,980	5,160	3,520
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	222 J	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 MDL

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	BSGDD0107_9/21/05	MW-7BD(09/12/2006)	MW-07BD 10/17/07	MW-7BD
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/16/04	09/21/05	09/12/06	10/17/07	10/28/08
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	39.4	NA	530	79	210
Acenaphthylene	UG/L	NS	230 J	NA	2,700	360	840
Anthracene	UG/L	50 GV	26.6	NA	840	74	230
Benzidine	UG/L	5	NA	NA	NA	NA	NA
Benzo(a)anthracene	UG/L	0.002 GV	11.9	NA	610	45	160
Benzo(a)pyrene	UG/L	ND	10.6	NA	630	51	150
Benzo(b)fluoranthene	UG/L	0.002 GV	4.94 J	NA	470	39	120
Benzo(g,h,i)perylene	UG/L	NS	8.08 J	NA	400	35	93
Benzo(k)fluoranthene	UG/L	0.002 GV	5.8 J	NA	200	14	47 J
bis(2-Chloroisopropyl)ether	UG/L	NS	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	UG/L	5	11.2	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 MDL

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	BSGDD0107_9/21/05	MW-7BD(09/12/2006)	MW-07BD 10/17/07	MW-7BD
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/16/04	09/21/05	09/12/06	10/17/07	10/28/08
Parameter	**Units**	**Criteria***					
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Chrysene	UG/L	0.002 GV	NA	NA	570	45	140
Dibenz(a,h)anthracene	UG/L	NS	1.31 J	NA	64	6	48 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	46.9	NA	2,000	140	490
Fluorene	UG/L	50 GV	62.6	NA	1,100	130	330
Hexachlorocyclopentadiene	UG/L	5	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	12.4	NA	330	30	90
Isophorone	UG/L	50 GV	NA	NA	NA	NA	NA
Naphthalene	UG/L	10 GV	2,420	NA	13,000	4,100	7,400
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	6.06 J	NA	4,800	400	1,300
Phenol	UG/L	1	NA	NA	NA	NA	NA
Pyrene	UG/L	50 GV	56	NA	2,800	170	720
Total Semivolatile Organic Compounds	UG/L	-	3,175.79	NA	31,044	5,718	12,368

*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 MDL

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	BSGDD0107_9/21/05	MW-7BD(09/12/2006)	MW-07BD 10/17/07	MW-7BD
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/16/04	09/21/05	09/12/06	10/17/07	10/28/08
Parameter	**Units**	**Criteria***					
Metals							
Aluminum	UG/L	NS	NA	NA	NA	NA	NA
Antimony	UG/L	3	NA	NA	NA	NA	NA
Arsenic	UG/L	25	NA	NA	NA	NA	NA
Barium	UG/L	1000	NA	NA	NA	NA	NA
Cadmium	UG/L	5	NA	NA	NA	NA	NA
Chromium	UG/L	50	NA	NA	NA	NA	NA
Copper	UG/L	200	NA	NA	NA	NA	NA
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Mercury	UG/L	0.7	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Selenium	UG/L	10	NA	NA	NA	NA	NA
Silver	UG/L	50	NA	NA	NA	NA	NA
Vanadium	UG/L	NS	NA	NA	NA	NA	NA
Zinc	UG/L	2000 GV	NA	NA	NA	NA	NA
Miscellaneous Parameters							
Cyanide	UG/L	200	10 U	5 U	5 U	5 U	NA
Free Cyanide	UG/L	NS	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	UG/L	1	31.1	NA	300	150	620

*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 MDL

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.

Flags assigned during chemistry validation are shown.

(oval) Concentration Exceeds Criteria

NA - Not Analyzed. ND - Not Detected.

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Detection Limits shown are MDL

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	0.9 U	0.9 U
Benzo(a)pyrene	UG/L	ND	10 U	0.982 J	13	0.9 U	0.9 U
Benzo(b)fluoranthene	UG/L	0.002 GV	10 U	9.52 U	11	0.9 U	0.9 U
Benzo(g,h,i)perylene	UG/L	NS	10 U	9.52 U	9	0.9 U	0.9 U
Benzo(k)fluoranthene	UG/L	0.002 GV	10 U	9.52 U	4 J	0.9 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.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

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Detection Limits shown are MDL

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	0.9 U	0.9 U
Dibenz(a,h)anthracene	UG/L	NS	10 U	9.52 U	1 U	0.9 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	0.9 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.

Flags assigned during chemistry validation are shown.

(oval) Concentration Exceeds Criteria

NA - Not Analyzed. ND - Not Detected.

J - The reported concentration is an estimated value.

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Detection Limits shown are MDL

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	5 U	5 U
Free Cyanide	UG/L	NS	10 U	NA	NA	NA	NA
Phenolics, Total Recoverable	UG/L	1	28	167	12 U	12 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-07DD	MW-08B	MW-08BD	MW-09B
Sample ID			MW-7BS	MW-7DD 10/16/02	MW-8BS	BSGDD0208	BSGDD0209
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/27/08	10/16/02	12/28/01	02/27/02	01/30/02
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
Benzene	UG/L	1	29	0.5 U	0.5 U	0.5 U	3
Ethylbenzene	UG/L	5	14	1 U	1 U	1 U	0 U
Toluene	UG/L	5	3 J	1 U	1 U	1 U	0 U
Xylene (total)	UG/L	5	12	1 U	1 U	1 U	8
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	58	ND	ND	ND	11
Semivolatile Organic Compounds							
2,4,6-Trichlorophenol	UG/L	1	NA	10 U	10 U	17 U	0 U
2,4-Dinitrotoluene	UG/L	5	NA	10 U	10 U	17 U	0 U
1,2-Diphenylhydrazine	UG/L	ND	NA	10 U	10 U	17 U	0 U
Hexachlorobenzene	UG/L	0.04	NA	10 U	10 U	17 U	0 U
Hexachloroethane	UG/L	5	NA	10 U	10 U	17 U	0 U
Nitrobenzene	UG/L	0.4	NA	10 U	10 U	17 U	0 U
1,2,4-Trichlorobenzene	UG/L	5	NA	10 U	10 U	17 U	0 U
2,4-Dichlorophenol	UG/L	5	NA	10 U	10 U	17 U	0 U
Pentachlorophenol	UG/L	1	NA	50 U	50 U	83 U	0 U
2,4-Dimethylphenol	UG/L	50 GV	NA	10 U	10 U	17 U	0 U
2,4-Dinitrophenol	UG/L	10 GV	NA	50 U	50 U	83 U	0 U
1,2-Dichlorobenzene	UG/L	3	NA	10 U	10 U	17 U	0 U
2,6-Dinitrotoluene	UG/L	5	NA	10 U	10 U	17 U	0 U
2-Chloronaphthalene	UG/L	10 GV	NA	10 U	10 U	17 U	0 U
2-Chlorophenol	UG/L	1	NA	10 U	10 U	17 U	0 U
2-Methylnaphthalene	UG/L	NS	NA	10 U	10 U	17 U	0 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-07DD	MW-08B	MW-08BD	MW-09B
Sample ID			MW-7BS	MW-7DD 10/16/02	MW-8BS	BSGDD0208	BSGDD0209
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/27/08	10/16/02	12/28/01	02/27/02	01/30/02
Parameter	**Units**	**Criteria***					
Semivolatile Organic Compounds							
2-Nitrophenol	UG/L	1	NA	10 U	10 U	17 U	0 U
3,3'-Dichlorobenzidine	UG/L	5	NA	20 U	20 U	33 U	0 U
1,3-Dichlorobenzene	UG/L	3	NA	10 U	10 U	17 U	0 U
4,6-Dinitro-2-methylphenol	UG/L	1	NA	50 U	50 U	83 U	0 U
4-Bromophenyl-phenylether	UG/L	NS	NA	10 U	10 U	17 U	0 U
1,4-Dichlorobenzene	UG/L	3	NA	10 U	10 U	17 U	0 U
4-Chlorophenyl-phenylether	UG/L	NS	NA	10 U	10 U	17 U	0 U
4-Chloro-3-methylphenol	UG/L	1	NA	10 U	10 U	17 U	0 U
4-Nitrophenol	UG/L	1	NA	50 U	50 U	83 U	0 U
Acenaphthene	UG/L	20 GV	53	10 U	10 U	17 U	0 U
Acenaphthylene	UG/L	NS	23	10 U	10 U	17 U	0 U
Anthracene	UG/L	50 GV	18	10 U	10 U	17 U	0 U
Benzidine	UG/L	5	NA	80 U	80 U	130 U	0 U
Benzo(a)anthracene	UG/L	0.002 GV	9 J	10 U	10 U	17 U	0 U
Benzo(a)pyrene	UG/L	ND	5 J	10 U	10 U	17 U	0 U
Benzo(b)fluoranthene	UG/L	0.002 GV	4 J	10 U	10 U	17 U	0 U
Benzo(g,h,i)perylene	UG/L	NS	2 J	10 U	10 U	17 U	0 U
Benzo(k)fluoranthene	UG/L	0.002 GV	3 J	10 U	10 U	17 U	0 U
bis(2-Chloroisopropyl)ether	UG/L	NS	NA	10 U	10 U	17 U	0 U
bis(2-Chloroethoxy)methane	UG/L	5	NA	10 U	10 U	17 U	0 U
bis(2-Chloroethyl)ether	UG/L	1	NA	10 U	10 U	17 U	0 U
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	10 U	10 U	17 U	0 U

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

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Concentration Exceeds Criteria

NA - Not Analyzed. ND - Not Detected.

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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-07DD	MW-08B	MW-08BD	MW-09B
Sample ID			MW-7BS	MW-7DD 10/16/02	MW-8BS	BSGDD0208	BSGDD0209
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/27/08	10/16/02	12/28/01	02/27/02	01/30/02
Parameter	**Units**	**Criteria***					
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	NA	10 U	10 U	17 U	0 U
Chrysene	UG/L	0.002 GV	8 J	NA	NA	NA	NA
Dibenz(a,h)anthracene	UG/L	NS	2 U	10 U	10 U	17 U	0 U
Dibenzofuran	UG/L	NS	NA	10 U	NA	NA	NA
Diethylphthalate	UG/L	50 GV	NA	10 U	10 U	17 U	0 U
Dimethylphthalate	UG/L	50 GV	NA	10 U	10 U	17 U	0 U
Di-n-butylphthalate	UG/L	50	NA	10 U	10 U	17 U	0 U
Hexachlorobutadiene	UG/L	0.5	NA	10 U	10 U	17 U	0 U
Di-n-octylphthalate	UG/L	50 GV	NA	10 U	10 U	17 U	0 U
Fluoranthene	UG/L	50 GV	26	10 U	10 U	17 U	0 U
Fluorene	UG/L	50 GV	23	10 U	10 U	17 U	0 U
Hexachlorocyclopentadiene	UG/L	5	NA	10 U	10 U	17 U	0 U
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	9 J	10 U	10 U	17 U	0 U
Isophorone	UG/L	50 GV	NA	10 U	10 U	17 U	0 U
Naphthalene	UG/L	10 GV	56	10 U	10 U	17 U	4.5 J
N-Nitrosodimethylamine	UG/L	NS	NA	10 U	10 U	17 U	0 U
N-Nitrosodiphenylamine	UG/L	50 GV	NA	10 U	10 U	17 U	0 U
Phenanthrene	UG/L	50 GV	90	10 U	10 U	17 U	0 U
Phenol	UG/L	1	NA	140	10 U	17 U	42
Pyrene	UG/L	50 GV	33	10 U	10 U	17 U	0 U
Total Semivolatile Organic Compounds	UG/L	-	362	140	ND	ND	46.5

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

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

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Detection Limits shown are MDL

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

Location ID			MW-07BS	MW-07DD	MW-08B	MW-08BD	MW-09B
Sample ID			MW-7BS	MW-7DD 10/16/02	MW-8BS	BSGDD0208	BSGDD0209
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/27/08	10/16/02	12/28/01	02/27/02	01/30/02
Parameter	**Units**	**Criteria***					
Metals							
Aluminum	UG/L	NS	NA	1,500	700	NA	2,000
Antimony	UG/L	3	NA	60 U	60 U	NA	0 U
Arsenic	UG/L	25	NA	5 U	5 U	NA	0 U
Barium	UG/L	1000	NA	10 U	90	NA	20
Cadmium	UG/L	5	NA	5 U	5 U	NA	0 U
Chromium	UG/L	50	NA	46	5 U	NA	11
Copper	UG/L	200	NA	14	50 U	NA	29
Iron	UG/L	300	NA	250	490	NA	3,340
Lead	UG/L	25	NA	5 U	5 U	NA	0 U
Manganese	UG/L	300	NA	20 U	20 U	NA	80
Mercury	UG/L	0.7	NA	0.4 U	0.4 U	NA	0 U
Nickel	UG/L	100	NA	50 U	50 U	NA	0 U
Selenium	UG/L	10	NA	5 U	5 U	NA	0 U
Silver	UG/L	50	NA	20 U	20 U	NA	0 U
Vanadium	UG/L	NS	NA	50 U	50 U	NA	0 U
Zinc	UG/L	2000 GV	NA	10 U	10 U	NA	80
Miscellaneous Parameters							
Cyanide	UG/L	200	6.0 J	20	10 U	NA	130
Free Cyanide	UG/L	NS	NA	NA	10 U	NA	130
Phenolics, Total Recoverable	UG/L	1	15 U	NA	2 U	7	123

*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 MDL

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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-09B	MW-09B
Sample ID			BSGDD0109	BSGDD0109_9/21/05	MW-9B(09/12/2006)	MW-09B 10/17/07	MW-9B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/16/04	09/21/05	09/12/06	10/17/07	10/28/08
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
Benzene	UG/L	1	0.434 J	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	UG/L	5	1 U	0.8 U	0.8 U	0.8 U	0.8 U
Toluene	UG/L	5	0.357 J	0.7 U	0.7 U	0.7 U	0.7 U
Xylene (total)	UG/L	5	2 U	0.8 U	0.8 U	0.8 U	0.8 U
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	0.791	ND	ND	ND	ND
Semivolatile Organic Compounds							
2,4,6-Trichlorophenol	UG/L	1	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	UG/L	5	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	UG/L	ND	NA	NA	NA	NA	NA
Hexachlorobenzene	UG/L	0.04	NA	NA	NA	NA	NA
Hexachloroethane	UG/L	5	NA	NA	NA	NA	NA
Nitrobenzene	UG/L	0.4	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	UG/L	5	NA	NA	NA	NA	NA
2,4-Dichlorophenol	UG/L	5	NA	NA	NA	NA	NA
Pentachlorophenol	UG/L	1	NA	NA	NA	NA	NA
2,4-Dimethylphenol	UG/L	50 GV	NA	NA	NA	NA	NA
2,4-Dinitrophenol	UG/L	10 GV	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	UG/L	5	NA	NA	NA	NA	NA
2-Chloronaphthalene	UG/L	10 GV	NA	NA	NA	NA	NA
2-Chlorophenol	UG/L	1	NA	NA	NA	NA	NA
2-Methylnaphthalene	UG/L	NS	9.62 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

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Detection Limits shown are MDL

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

Location ID			MW-09B	MW-09B	MW-09B	MW-09B	MW-09B
Sample ID			BSGDD0109	BSGDD0109_9/21/05	MW-9B(09/12/2006)	MW-09B 10/17/07	MW-9B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/16/04	09/21/05	09/12/06	10/17/07	10/28/08
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	9.62 U	NA	1 J	1 U	5 U
Acenaphthylene	UG/L	NS	1.87 J	NA	1 U	2 J	5 U
Anthracene	UG/L	50 GV	9.62 U	NA	1 U	1 U	5 U
Benzidine	UG/L	5	NA	NA	NA	NA	NA
Benzo(a)anthracene	UG/L	0.002 GV	9.62 U	NA	1 U	1 U	5 U
Benzo(a)pyrene	UG/L	ND	9.62 U	NA	1 U	1 U	5 U
Benzo(b)fluoranthene	UG/L	0.002 GV	9.62 U	NA	1 U	1 U	5 U
Benzo(g,h,i)perylene	UG/L	NS	9.62 U	NA	1 U	1 U	5 U
Benzo(k)fluoranthene	UG/L	0.002 GV	9.62 U	NA	1 U	1 U	5 U
bis(2-Chloroisopropyl)ether	UG/L	NS	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	UG/L	5	9.62 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.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

NA - Not Analyzed. ND - Not Detected.

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Detection Limits shown are MDL

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

Location ID			MW-09B	MW-09B	MW-09B	MW-09B	MW-09B
Sample ID			BSGDD0109	BSGDD0109_9/21/05	MW-9B(09/12/2006)	MW-09B 10/17/07	MW-9B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/16/04	09/21/05	09/12/06	10/17/07	10/28/08
Parameter	**Units**	**Criteria***					
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Chrysene	UG/L	0.002 GV	NA	NA	1 U	1 U	5 U
Dibenz(a,h)anthracene	UG/L	NS	9.62 U	NA	1 U	1 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	9.62 U	NA	1 U	1 U	5 U
Fluorene	UG/L	50 GV	9.62 U	NA	1 U	1 U	5 U
Hexachlorocyclopentadiene	UG/L	5	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	9.62 U	NA	1 U	1 U	5 U
Isophorone	UG/L	50 GV	NA	NA	NA	NA	NA
Naphthalene	UG/L	10 GV	9.62 U	NA	1 U	1 J	5 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	9.62 U	NA	2 J	2 J	5 U
Phenol	UG/L	1	NA	NA	NA	NA	NA
Pyrene	UG/L	50 GV	9.62 U	NA	1 U	1 U	5 U
Total Semivolatile Organic Compounds	UG/L	-	1.87	NA	3	5	ND

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

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

NA - Not Analyzed. ND - Not Detected.

J - The reported concentration is an estimated value.

U - Not detected above the reported quantitation limit (QL). 0 indicates QL not available

Detection Limits shown are MDL

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

Location ID			MW-09B	MW-09B	MW-09B	MW-09B	MW-09B
Sample ID			BSGDD0109	BSGDD0109_9/21/05	MW-9B(09/12/2006)	MW-09B 10/17/07	MW-9B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/16/04	09/21/05	09/12/06	10/17/07	10/28/08
Parameter	**Units**	**Criteria***					
Metals							
Aluminum	UG/L	NS	NA	NA	NA	NA	NA
Antimony	UG/L	3	NA	NA	NA	NA	NA
Arsenic	UG/L	25	NA	NA	NA	NA	NA
Barium	UG/L	1000	NA	NA	NA	NA	NA
Cadmium	UG/L	5	NA	NA	NA	NA	NA
Chromium	UG/L	50	NA	NA	NA	NA	NA
Copper	UG/L	200	NA	NA	NA	NA	NA
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Mercury	UG/L	0.7	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Selenium	UG/L	10	NA	NA	NA	NA	NA
Silver	UG/L	50	NA	NA	NA	NA	NA
Vanadium	UG/L	NS	NA	NA	NA	NA	NA
Zinc	UG/L	2000 GV	NA	NA	NA	NA	NA
Miscellaneous Parameters							
Cyanide	UG/L	200	10 U	NA	NA	NA	NA
Free Cyanide	UG/L	NS	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	UG/L	1	3.72 J	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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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			DUP-10/04/02	MW-10B 10/04/02	BSGDD0210	BSGDD0210_9/21/05	MW-10B(09/12/2006)
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/04/02	10/04/02	09/16/04	09/21/05	09/12/06
Parameter	**Units**	**Criteria***	Field Duplicate (1-1)				
Volatile Organic Compounds							
Benzene	UG/L	1	6	6 U	1.68	2 J	1 J
Ethylbenzene	UG/L	5	1 U	1 U	0.292 J	0.8 U	0.8 U
Toluene	UG/L	5	1 U	1 U	0.475 J	0.7 U	0.7 U
Xylene (total)	UG/L	5	1 U	1 U	2 U	0.8 U	0.8 U
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	6	ND	2.447	2	1
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	9.8 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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U - Not detected above the reported quantitation limit (QL). 0 indicates QL not available

Detection Limits shown are MDL

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			DUP-10/04/02	MW-10B 10/04/02	BSGDD0210	BSGDD0210_9/21/05	MW-10B(09/12/2006)
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/04/02	10/04/02	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	9.8 U	1 U	0.9 U
Acenaphthylene	UG/L	NS	10 U	10 U	9.8 U	1 U	1 J
Anthracene	UG/L	50 GV	10 U	10 U	9.8 U	1 U	0.9 U
Benzidine	UG/L	5	80 U	80 U	NA	NA	NA
Benzo(a)anthracene	UG/L	0.002 GV	10 U	10 U	9.8 U	1 U	0.9 U
Benzo(a)pyrene	UG/L	ND	10 U	10 U	9.8 U	1 U	0.9 U
Benzo(b)fluoranthene	UG/L	0.002 GV	10 U	10 U	9.8 U	1 U	0.9 U
Benzo(g,h,i)perylene	UG/L	NS	10 U	10 U	9.8 U	1 U	0.9 U
Benzo(k)fluoranthene	UG/L	0.002 GV	10 U	10 U	9.8 U	1 U	0.9 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	9.8 U	1 U	NA
bis(2-Chloroethyl)ether	UG/L	1	10 U	10 U	NA	NA	NA
bis(2-Ethylhexyl)phthalate	UG/L	5	10 U	10 U	NA	NA	NA

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

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

NA - Not Analyzed. ND - Not Detected.

J - The reported concentration is an estimated value.

U - Not detected above the reported quantitation limit (QL). 0 indicates QL not available

Detection Limits shown are MDL

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			DUP-10/04/02	MW-10B 10/04/02	BSGDD0210	BSGDD0210_9/21/05	MW-10B(09/12/2006)
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/04/02	10/04/02	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	0.9 U
Dibenz(a,h)anthracene	UG/L	NS	10 U	10 U	9.8 U	1 U	0.9 U
Dibenzofuran	UG/L	NS	10 U	10	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	9.8 U	1 U	0.9 U
Fluorene	UG/L	50 GV	10 U	10 U	9.8 U	1 U	0.9 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	9.8 U	1 U	0.9 U
Isophorone	UG/L	50 GV	10 U	10 U	NA	NA	NA
Naphthalene	UG/L	10 GV	10 U	10 U	1.58 J	1 U	0.9 U
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	9.8 U	1 U	0.9 U
Phenol	UG/L	1	10 U	10 U	NA	NA	NA
Pyrene	UG/L	50 GV	10 U	10 U	9.8 U	1 U	0.9 U
Total Semivolatile Organic Compounds	UG/L	-	ND	10	1.58	ND	1

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

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

NA - Not Analyzed. ND - Not Detected.

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Detection Limits shown are MDL

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			DUP-10/04/02	MW-10B 10/04/02	BSGDD0210	BSGDD0210_9/21/05	MW-10B(09/12/2006)
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/04/02	10/04/02	09/16/04	09/21/05	09/12/06
Parameter	**Units**	**Criteria***	Field Duplicate (1-1)				
Metals							
Aluminum	UG/L	NS	2,400	900	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	380	350	NA	NA	NA
Cadmium	UG/L	5	5 U	5 U	NA	NA	NA
Chromium	UG/L	50	5 U	5 U	NA	NA	NA
Copper	UG/L	200	5 U	5 U	NA	NA	NA
Iron	UG/L	300	9,420	2,840	NA	NA	NA
Lead	UG/L	25	5 U	5 U	NA	NA	NA
Manganese	UG/L	300	330	100	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	50 U	NA	NA	NA
Miscellaneous Parameters							
Cyanide	UG/L	200	10 U	10 U	10 U	5 U	5 U
Free Cyanide	UG/L	NS	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	UG/L	1	NA	NA	6.92	15 J	17 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

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Detection Limits shown are MDL

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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-11B
Sample ID			MW-10B 10/17/07	URS 101707	DUP-102708	MW-10B	BSGDD0211
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/17/07	10/27/08	10/27/08	01/28/02
Parameter	**Units**	**Criteria***		Field Duplicate (1-1)	Field Duplicate (1-1)		
Volatile Organic Compounds							
Benzene	UG/L	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	UG/L	5	0.8 U	0.8 U	0.8 U	0.8 U	1 U
Toluene	UG/L	5	0.7 U	0.7 U	0.7 U	0.7 U	1 U
Xylene (total)	UG/L	5	0.8 U	0.8 U	0.8 U	0.8 U	1 U
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	ND	ND	ND	ND	ND
Semivolatile Organic Compounds							
2,4,6-Trichlorophenol	UG/L	1	NA	NA	NA	NA	10 U
2,4-Dinitrotoluene	UG/L	5	NA	NA	NA	NA	10 U
1,2-Diphenylhydrazine	UG/L	ND	NA	NA	NA	NA	10 U
Hexachlorobenzene	UG/L	0.04	NA	NA	NA	NA	10 U
Hexachloroethane	UG/L	5	NA	NA	NA	NA	10 U
Nitrobenzene	UG/L	0.4	NA	NA	NA	NA	10 U
1,2,4-Trichlorobenzene	UG/L	5	NA	NA	NA	NA	10 U
2,4-Dichlorophenol	UG/L	5	NA	NA	NA	NA	10 U
Pentachlorophenol	UG/L	1	NA	NA	NA	NA	50 U
2,4-Dimethylphenol	UG/L	50 GV	NA	NA	NA	NA	10 U
2,4-Dinitrophenol	UG/L	10 GV	NA	NA	NA	NA	50 U
1,2-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	10 U
2,6-Dinitrotoluene	UG/L	5	NA	NA	NA	NA	10 U
2-Chloronaphthalene	UG/L	10 GV	NA	NA	NA	NA	10 U
2-Chlorophenol	UG/L	1	NA	NA	NA	NA	10 U
2-Methylnaphthalene	UG/L	NS	NA	NA	NA	NA	10 U

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

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

NA - Not Analyzed. ND - Not Detected.

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Detection Limits shown are MDL

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-11B
Sample ID			MW-10B 10/17/07	URS 101707	DUP-102708	MW-10B	BSGDD0211
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/17/07	10/27/08	10/27/08	01/28/02
Parameter	Units	Criteria*		Field Duplicate (1-1)	Field Duplicate (1-1)		
Semivolatile Organic Compounds							
2-Nitrophenol	UG/L	1	NA	NA	NA	NA	10 U
3,3'-Dichlorobenzidine	UG/L	5	NA	NA	NA	NA	20 U
1,3-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	10 U
4,6-Dinitro-2-methylphenol	UG/L	1	NA	NA	NA	NA	50 U
4-Bromophenyl-phenylether	UG/L	NS	NA	NA	NA	NA	10 U
1,4-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	10 U
4-Chlorophenyl-phenylether	UG/L	NS	NA	NA	NA	NA	10 U
4-Chloro-3-methylphenol	UG/L	1	NA	NA	NA	NA	10 U
4-Nitrophenol	UG/L	1	NA	NA	NA	NA	50 U
Acenaphthene	UG/L	20 GV	1 U	1 U	5 U	5 U	10 U
Acenaphthylene	UG/L	NS	1 U	1 U	5 U	5 U	10 U
Anthracene	UG/L	50 GV	1 U	1 U	5 U	5 U	10 U
Benzidine	UG/L	5	NA	NA	NA	NA	80 U
Benzo(a)anthracene	UG/L	0.002 GV	1 U	1 U	5 U	5 U	10 U
Benzo(a)pyrene	UG/L	ND	1 U	1 U	5 U	5 U	10 U
Benzo(b)fluoranthene	UG/L	0.002 GV	1 U	1 U	5 U	5 U	10 U
Benzo(g,h,i)perylene	UG/L	NS	1 U	1 U	5 U	5 U	10 U
Benzo(k)fluoranthene	UG/L	0.002 GV	1 U	1 U	5 U	5 U	10 U
bis(2-Chloroisopropyl)ether	UG/L	NS	NA	NA	NA	NA	10 U
bis(2-Chloroethoxy)methane	UG/L	5	NA	NA	NA	NA	10 U
bis(2-Chloroethyl)ether	UG/L	1	NA	NA	NA	NA	10 U
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	NA	NA	NA	10 U

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

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

NA - Not Analyzed. ND - Not Detected.

J - The reported concentration is an estimated value.

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Detection Limits shown are MDL

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-11B
Sample ID			MW-10B 10/17/07	URS 101707	DUP-102708	MW-10B	BSGDD0211
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/17/07	10/27/08	10/27/08	01/28/02
Parameter	**Units**	**Criteria***		Field Duplicate (1-1)	Field Duplicate (1-1)		
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	NA	NA	NA	NA	10 U
Chrysene	UG/L	0.002 GV	1 U	1 U	5 U	5 U	NA
Dibenz(a,h)anthracene	UG/L	NS	1 U	1 U	5 U	5 U	10 U
Dibenzofuran	UG/L	NS	NA	NA	NA	NA	NA
Diethylphthalate	UG/L	50 GV	NA	NA	NA	NA	10 U
Dimethylphthalate	UG/L	50 GV	NA	NA	NA	NA	10 U
Di-n-butylphthalate	UG/L	50	NA	NA	NA	NA	10 U
Hexachlorobutadiene	UG/L	0.5	NA	NA	NA	NA	10 U
Di-n-octylphthalate	UG/L	50 GV	NA	NA	NA	NA	10 U
Fluoranthene	UG/L	50 GV	1 U	1 U	5 U	5 U	10 U
Fluorene	UG/L	50 GV	1 U	1 U	5 U	5 U	10 U
Hexachlorocyclopentadiene	UG/L	5	NA	NA	NA	NA	10 U
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	1 U	1 U	5 U	5 U	10 U
Isophorone	UG/L	50 GV	NA	NA	NA	NA	10 U
Naphthalene	UG/L	10 GV	1 U	1 U	5 U	5 U	10 U
N-Nitrosodimethylamine	UG/L	NS	NA	NA	NA	NA	10 U
N-Nitrosodiphenylamine	UG/L	50 GV	NA	NA	NA	NA	10 U
Phenanthrene	UG/L	50 GV	1 U	1 U	5 U	5 U	10 U
Phenol	UG/L	1	NA	NA	NA	NA	73
Pyrene	UG/L	50 GV	1 U	1 U	5 U	5 U	10 U
Total Semivolatile Organic Compounds	UG/L	-	ND	ND	ND	ND	73

*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-10B	MW-10B	MW-10B	MW-10B	MW-11B
Sample ID			MW-10B 10/17/07	URS 101707	DUP-102708	MW-10B	BSGDD0211
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/17/07	10/27/08	10/27/08	01/28/02
Parameter	**Units**	**Criteria***		Field Duplicate (1-1)	Field Duplicate (1-1)		
Metals							
Aluminum	UG/L	NS	NA	NA	NA	NA	1,500
Antimony	UG/L	3	NA	NA	NA	NA	60 U
Arsenic	UG/L	25	NA	NA	NA	NA	5 U
Barium	UG/L	1000	NA	NA	NA	NA	10
Cadmium	UG/L	5	NA	NA	NA	NA	5 U
Chromium	UG/L	50	NA	NA	NA	NA	5 U
Copper	UG/L	200	NA	NA	NA	NA	18
Iron	UG/L	300	NA	NA	NA	NA	140
Lead	UG/L	25	NA	NA	NA	NA	5 U
Manganese	UG/L	300	NA	NA	NA	NA	20 U
Mercury	UG/L	0.7	NA	NA	NA	NA	0.4 U
Nickel	UG/L	100	NA	NA	NA	NA	50 U
Selenium	UG/L	10	NA	NA	NA	NA	5 U
Silver	UG/L	50	NA	NA	NA	NA	20 U
Vanadium	UG/L	NS	NA	NA	NA	NA	50 U
Zinc	UG/L	2000 GV	NA	NA	NA	NA	10 U
Miscellaneous Parameters							
Cyanide	UG/L	200	5 U	5 U	5.0 U	5.0 U	10 U
Free Cyanide	UG/L	NS	NA	NA	NA	NA	10 U
Phenolics, Total Recoverable	UG/L	1	15 U	15 U	15 U	15 U	247

*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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[LOCID] LIKE 'MW*' AND [MATRIX] = 'WG'

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	BSGDD0111_9/21/05	MW-11B(09/12/2006)	MW-11B 10/17/07	MW-11B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/16/04	09/21/05	09/12/06	10/17/07	10/28/08
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
Benzene	UG/L	1	2.82	10	6	4 J	3 J
Ethylbenzene	UG/L	5	1.93	5 J	5 J	3 J	3 J
Toluene	UG/L	5	5.32	14	14	7	4 J
Xylene (total)	UG/L	5	5.58	12	15	10	7
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	15.65	41	40	24	17
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	9.71 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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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	BSGDD0111_9/21/05	MW-11B(09/12/2006)	MW-11B 10/17/07	MW-11B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/16/04	09/21/05	09/12/06	10/17/07	10/28/08
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	9.71 U	2 J	5	5 J	6 J
Acenaphthylene	UG/L	NS	1.17 J	6	9	9	4 J
Anthracene	UG/L	50 GV	9.71 U	1 U	1 U	1 U	2 U
Benzidine	UG/L	5	NA	NA	NA	NA	NA
Benzo(a)anthracene	UG/L	0.002 GV	9.71 U	1 U	1 U	1 U	2 U
Benzo(a)pyrene	UG/L	ND	9.71 U	1 U	1 U	1 U	2 U
Benzo(b)fluoranthene	UG/L	0.002 GV	9.71 U	1 U	1 U	1 U	2 U
Benzo(g,h,i)perylene	UG/L	NS	9.71 U	1 U	1 U	1 U	2 U
Benzo(k)fluoranthene	UG/L	0.002 GV	9.71 U	1 U	1 U	1 U	2 U
bis(2-Chloroisopropyl)ether	UG/L	NS	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	UG/L	5	9.71 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.

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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	BSGDD0111_9/21/05	MW-11B(09/12/2006)	MW-11B 10/17/07	MW-11B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/16/04	09/21/05	09/12/06	10/17/07	10/28/08
Parameter	**Units**	**Criteria***					
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Chrysene	UG/L	0.002 GV	NA	NA	1 U	1 U	2 U
Dibenz(a,h)anthracene	UG/L	NS	9.71 U	1 U	1 U	1 U	7 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	9.71 U	1 U	1 U	1 U	2 J
Fluorene	UG/L	50 GV	9.71 U	1 U	2 J	2 J	2 J
Hexachlorocyclopentadiene	UG/L	5	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	9.71 U	1 U	1 U	1 U	7 J
Isophorone	UG/L	50 GV	NA	NA	NA	NA	NA
Naphthalene	UG/L	10 GV	2.42 J	24	42	36	17
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	9.71 U	1 J	2 J	5 J	7 J
Phenol	UG/L	1	NA	NA	NA	NA	NA
Pyrene	UG/L	50 GV	9.71 U	1 U	1 U	1 U	2 J
Total Semivolatile Organic Compounds	UG/L	-	3.59	33	60	57	54

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

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NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-11B	MW-11B	MW-11B	MW-11B	MW-11B
Sample ID			BSGDD0111	BSGDD0111_9/21/05	MW-11B(09/12/2006)	MW-11B 10/17/07	MW-11B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/16/04	09/21/05	09/12/06	10/17/07	10/28/08
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	3.75 J	5 U	14	11	NA
Free Cyanide	UG/L	NS	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	UG/L	1	18.7	250	140	160	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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