NYSEG

New York State Electric & Gas Corporation

Bridge Street Former Manufactured Gas Plant
Plattsburgh, New York

2006 ANNUAL OPERATION, MAINTENANCE, AND MONITORING SUMMARY REPORT

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Prepared For:
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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 *2006 Annual Operation, Maintenance, and Monitoring Summary Report (2006 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 *2006 OM&M Report* were conducted in accordance with the approved *OM&M Plan*. Activities include well inspections, water level measurements, NAPL observations, and bedrock groundwater sampling.

This *2006 OM&M Report* has six sections. The scope of field activities is summarized in Section 2.0. A summary of the laboratory analytical result is in Section 3.0. A summary of findings is in Section 4.0. Recommendations are in Section 5.0. Section 6.0 list the references used to prepare this report.

2.0 SCOPE OF WORK

This section describes the activities that were completed during the September 2006 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 September 2006 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 September 11 and 12, 2006, 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-01B, MW-03B, MW-10B, and MW-11B. Trace amounts of NAPL were observed in purge water from monitoring wells MW-02B, MW-06B, MW-07BS, and MW-09B. Approximately 2.5 liters (three bailers) of DNAPL were recovered from monitoring well MW-07BD. Monitoring well MW-07BD was the only location with recoverable amounts of NAPL. 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 September 20, 2005.

2.2 ANNUAL GROUNDWATER MONITORING

On September 12, 2006 URS collected groundwater samples from nine bedrock groundwater monitoring wells (MW-01B, MW-02B, MW-03B, MW-06B, MW-07BS, MW-07BD, MW-09B, MW-10B, and MW-11B). The monitoring well locations are shown on Figure 2.

The monitoring wells were purged on September 11 and 12, 2006 using new polyethylene disposable bailers. Field parameters, including pH, specific conductivity, and temperature, 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 on September 12, 2006 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-03B, and one trip blank were shipped by Federal Express to Lancaster Laboratories, Inc. (Lancaster) in Lancaster, Pennsylvania. Eight 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 remaining groundwater sample from MW-09B was analyzed for BTEX and PAHs only because of insufficient water volume. The trip blank was analyzed for BTEX only. Lancaster provided 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 September 2006 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-01B and MW-09B to 7,600 µg/L at MW-02B. The following BTEX compounds were detected in one or more bedrock groundwater sample.

Summary of BTEX Compounds Detected in Bedrock Groundwater (September 2006)

Compound	Number of Detects (out of 9)	NYSDEC GW Standard[(a)] (µg/L)	Number of Exceedences (out of 9)	Maximum Concentration (µg/L)
Benzene	7	1	6	1,600 at MW-02B*
Ethylbenzene	6	5	5	1,400 at MW-02B*
Toluene	6	5	5	2,400 at MW-02B*
Xylenes, total	6	5	6	2,200 at MW-02B*

Notes:
(a) NYSDEC Ambient Water Quality Standard (TOGS 1.1.1, NYSDEC, 1998)
*- NAPL has been detected in the monitoring well. The concentration may not be representative of groundwater quality.

The maximum concentrations of BTEX compounds were detected at MW-02B and MW-07BD. A trace of NAPL was detected in MW-02B and 2.5 liters of DNAPL was removed from MW-07BD. Therefore, the reported concentrations may not be representative of actual groundwater concentrations. As shown in Appendix C, concentrations of BTEX compounds detected in September 2006 were comparable to the concentrations detected during the previous sampling events.

Polyaromatic Hydrocarbons

Concentrations of total PAHs ranged from 1.0 µg/L at MW-10B to 31,044 µg/L at MW-07BD. The following PAHs were detected in one or more bedrock groundwater sample.

Summary of PAHs Detected in Bedrock Groundwater (September 2006)

Compound	Number of Detects (out of 9)	NYSDEC GW Standard[(a)] (µg/L)	Number of Exceedences (out of 9)	Maximum Concentration (µg/L)
Acenaphthene	7	[20]	5	530 at MW-07BD*
Acenaphthylene	7	NS	-	2,700 at MW-07BD*
Anthracene	4	[50]	3	840** at MW-07BD*
Benzo(a)anthracene	3	[0.002]	3	610** at MW-07BD*
Benzo(a)pyrene	3	ND	3	630** at MW-07BD*
Benzo(b)fluoranthene	3	[0.002]	3	470** at MW-07BD*
Benzo(k)fluoranthene	3	[0.002]	3	200** at MW-07BD*
Benzo(g,h,i)perylene	3	NS	-	400** at MW-07BD*

Compound	Number of Detects (out of 9)	NYSDEC GW Standard[(a)] (µg/L)	Number of Exceedences (out of 9)	Maximum Concentration (µg/L)
Chrysene	3	[0.002]	3	570** at MW-07BD*
Dibenzo(a,h)anthracene	3	NS	-	64** at MW-07BD*
Fluoranthene	4	[50]	3	2,000** at MW-07BD*
Fluorene	6	[50]	3	1,100** at MW-07BD*
Indeno(1,2,3-cd)pyrene	3	[0.002]	3	330** at MW-07BD*
Naphthalene	7	[10]	7	13,000 at MW-07BD*
Phenanthrene	7	[50]	4	4,800** at MW-07BD*
Pyrene	4	[50]	3	2,800** at MW-07BD*

Notes:
(a) – NYSDEC Ambient Water Quality Standard (TOGS 1.1.1, NYSDEC, 1998)
NS – No standard
[ ] indicates guidance value
* - NAPL has been detected in the monitoring well. The concentration may not be representative of groundwater quality.
** - Maximum detected concentration is greater than reported solubility in water.

Concentrations of most PAHs detected in monitoring well MW-02B and MW-07BD where NAPL was observed, exceed solubility limits in water and are likely not representative of groundwater quality. As shown in Appendix C, concentrations of PAHs detected in September 2006 were comparable to concentrations detected during previous sampling events.

Cyanide

Cyanide was detected in one (MW-11B at 14 µg/L) of the eight bedrock wells from which samples were collected and analyzed. As shown in Appendix C, the concentrations of cyanide detected in samples collected in September 2006 are similar to concentrations detected during previous sampling events.

Phenol

Phenols were detected in six of the eight wells from which samples were collected and analyzed for phenols. Detected concentrations of total phenol ranged from 17.0 µg/L at MW-10B to 300 µg/L at MW-07BD. The NYSDEC groundwater standard for phenols is 1.0 µg/L. As shown in Appendix C, the concentrations of phenols detected in samples collected in September 2006 are consistent with concentrations detected in during previous sampling events.

4.0 SUMMARY AND CONCLUSIONS

General Site Conditions

- During the September 2006 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 September 20, 2005.

- During the September 2006 site inspection, no indications of NAPL were observed in monitoring wells MW-01B, MW-03B, MW-10B, and MW-11B. Trace amounts of NAPL were observed in monitoring wells MW-02B, MW0-6B, MW-07BS, and MW-09B. Approximately 2.5 liters (three bailers) of DNAPL were recovered from monitoring well MW-07BD. Monitoring well MW-07BD was the only location with recoverable amounts of NAPL. The locations where NAPL was observed are consistent with previous observations.

Bedrock Groundwater Samples

- Concentrations of BTEX compounds detected in September 2006 were generally consistent with concentrations detected during previous sampling events.

- Concentrations of PAH compounds detected were generally higher than concentrations detected during previous sampling events. Concentrations of most PAHs detected in monitoring well MW-02B and MW-07BD where NAPL was observed exceed the solubility limits in water and are likely not representative of groundwater quality.

- Concentrations of cyanide and phenols detected in samples collected in September 2006 are consistent with concentrations detected during previous sampling events.

5.0 RECOMMENDATIONS

Based on the results prescribed in this *2006 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 September 2007.

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*.

URS Corporation, 2005a. *2004 Annual Operation, Maintenance, & Monitoring Summary Report*. June 3, 2005.

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

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

TABLES

TABLE 1
SUMMARY OF WATER LEVELS, NAPL CHECKS, AND PURGING DATA
SEPTEMBER 2006

NYSEG BRIDGE STREET
FORMER MGP SITE
PLATTSBURGH, NEW YORK

Well Number	Date	Depth to Water (ft bgs)	Water Elevation (ft msl)	Total Volume Purged (Liters)	NAPL Observations	Specific Conductivity (umhos/cm)	Temperature (^{o}C)	pH	Notes
MW-01B	9/11/2006	10.12	112.68	91	ND	1,418	12.0	7.76	Purged dry
MW-02B	9/11/2006	6.72	115.60	91	odor, trace NAPL	NM	NM	NM	Field parameters not measured due to NAPL in water
MW-03B	9/11/2006	15.31	104.80	136	ND	1,227	11.8	8.44	Purged dry
MW-06B	9/12/2006	23.56	98.34	50	odor, trace NAPL	NM	NM	NM	Field parameters not measured due to NAPL in water
MW-07BD	9/12/2006	12.30	108.76	113	odor, NAPL	703	10.9	9.74	Purged dry - Approximately 3 bailers (2.5 liters) of tar recovered
MW-07BS	9/12/2006	4.49	116.23	100	odor, trace NAPL	NM	NM	NM	Field parameters not measured due to NAPL in water
MW-09B	9/12/2006	29.51	91.55	18	odor, trace NAPL	NM	9.5	8.15	Purged dry
MW-10B	9/12/2006	9.46	112.69	218	ND	1,189	12.6	7.20	Purged dry
MW-11B	9/11/2006	4.79	115.02	145	ND	740	11.6	9.44	Purged dry

ND - No indications of NAPL detected.

NM - Not measured.

TABLE 2
SUMMARY OF HISTORIC NAPL OBSERVATIONS

NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Well	Date	Odor	Sheen	Comments
MW-01B	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
MW-02B	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
MW-03B	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

TABLE 2
SUMMARY OF HISTORIC NAPL OBSERVATIONS

NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Well	Date	Odor	Sheen	Comments
MW-06B	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
MW-07BD	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 DNAPL recovered

TABLE 2
SUMMARY OF HISTORIC NAPL OBSERVATIONS

NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Well	Date	Odor	Sheen	Comments
MW-07BS	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
MW-07DD	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-08B	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

TABLE 2
SUMMARY OF HISTORIC NAPL OBSERVATIONS

NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Well	Date	Odor	Sheen	Comments
MW-08BD	1/10/02	No	No	No indications
	1/24/02	Yes	Yes	Fuel oil type odor
	1/29/02	No	No	No indications
	3/6/02	No	No	No indications
	4/10/02	No	No	No indications
	6/7/02	No	No	No indications
	8/22/02	No	No	No indications
	9/23/02	No	Yes	Slight blue/silver sheen
	10/16/02	No	No	No indications
	1/23/03	No	No	No indications
	2/25/03	No	No	No indications
	4/16/03	No	No	No indications
	9/22/03	No	No	No indications
	9/14/04	No	No	No indications - Well decomissioned
MW-09B	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
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

TABLE 2
SUMMARY OF HISTORIC NAPL OBSERVATIONS

NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Well	Date	Odor	Sheen	Comments
MW-11B	1/11/02	No	Yes	Non MGP/iron type sheen noted, no odor
	1/25/02	No	No	No indications
	3/6/02	No	No	No indications
	4/10/02	Yes	No	Slight odor
	6/7/02	Yes	Yes	
	8/22/02	No	No	No indications
	9/23/02	No	No	No indications
	10/16/02	No	No	No indications
	1/23/03	No	No	No indications
	2/25/03	No	No	No indications
	4/16/03	No	No	No indications
	9/22/03	No	No	No indications
	9/14/04	No	No	No indications
	9/20/05	No	No	No indications
	9/11/06	No	No	Septic odor
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 - SEPTEMBER 2006
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-01B	MW-02B	MW-03B	MW-03B	MW-06B
Sample ID			MW-1B(09/12/2006)	MW-2B(09/12/2006)	DUP20060912	MW-3B(09/12/2006)	MW-6B(09/12/2006)
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/12/06	09/12/06	09/12/06	09/12/06	09/12/06
Parameter	**Units**	*			Field Duplicate (1-1)		
Volatile Organic Compounds							
Benzene	UG/L	1	0.5 U	1,600	640	640	2 J
Ethylbenzene	UG/L	5	0.8 U	1,400	430	440	1 J
Toluene	UG/L	5	0.7 U	2,400	160	160	3 J
Xylene (total)	UG/L	5	0.8 U	2,200	290	290	7
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	ND	7,600	1,520	1,530	13
Semivolatile Organic Compounds							
Acenaphthene	UG/L	20 GV	1 U	90	37	37	57
Acenaphthylene	UG/L	NS	1 U	690	5	5	310
Anthracene	UG/L	50 GV	1 U	110	0.9 U	0.9 U	250
Benzo(a)anthracene	UG/L	0.002 GV	1 U	68	0.9 U	0.9 U	280
Benzo(a)pyrene	UG/L	ND	1 U	72	0.9 U	0.9 U	310
Benzo(b)fluoranthene	UG/L	0.002 GV	1 U	53	0.9 U	0.9 U	220
Benzo(g,h,i)perylene	UG/L	NS	1 U	51	0.9 U	0.9 U	230
Benzo(k)fluoranthene	UG/L	0.002 GV	1 U	22	0.9 U	0.9 U	84
Chrysene	UG/L	0.002 GV	1 U	67	0.9 U	0.9 U	270
Dibenz(a,h)anthracene	UG/L	NS	1 U	8	0.9 U	0.9 U	5
Fluoranthene	UG/L	50 GV	1 U	200	0.9 U	0.9 U	600
Fluorene	UG/L	50 GV	1 U	200	3 J	3 J	180
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	1 U	42	0.9 U	0.9 U	190
Naphthalene	UG/L	10 GV	22	6,000	1,300	1,200	120
Phenanthrene	UG/L	50 GV	1 U	570	2 J	2 J	860
Pyrene	UG/L	50 GV	1 U	280	0.9 U	0.9 U	820

*- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during laboratory review are shown.

Concentration Exceeds

NA - Not Analyzed

J - The reported concentration is an estimated value.

U - Not detected above the reported quantitation limit.

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

Advanced Selection: 2006 GW Samples
P:\Database\NYSEG\Bridge Street\edms\EDMS.mde
Printed: 10/23/2006 2:17:24 PM

Detection Limits shown are MDL

TABLE 3
SUMMARY OF GROUNDWATER ANALYTICAL DATA - SEPTEMBER 2006
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-01B	MW-02B	MW-03B	MW-03B	MW-06B
Sample ID			MW-1B(09/12/2006)	MW-2B(09/12/2006)	DUP20060912	MW-3B(09/12/2006)	MW-6B(09/12/2006)
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/12/06	09/12/06	09/12/06	09/12/06	09/12/06
Parameter	**Units**	*			Field Duplicate (1-1)		
Semivolatile Organic Compounds							
Total Polynuclear Aromatic Hydrocarbons	UG/L	-	22	8,523	1,347	1,247	4,786
Miscellaneous Parameters							
Cyanide	UG/L	200	5 U	5 U	5 U	5 U	5 U
Phenolics, Total Recoverable	UG/L	1	12 U	61	35 J	41	27 J

*- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during laboratory review are shown.

Concentration Exceeds

NA - Not Analyzed

J - The reported concentration is an estimated value.

U - Not detected above the reported quantitation limit.

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

Advanced Selection: 2006 GW Samples
P:\Database\NYSEG\Bridge Street\edms\EDMS.mde
Printed: 10/23/2006 2:17:24 PM

Detection Limits shown are MDL

TABLE 3
SUMMARY OF GROUNDWATER ANALYTICAL DATA - SEPTEMBER 2006
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-07BD	MW-07BS	MW-09B	MW-10B	MW-11B
Sample ID			MW-7BD(09/12/2006)	MW-7BS(09/12/2006)	MW-9B(09/12/2006)	MW-10B(09/12/2006)	MW-11B(09/12/2006)
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/12/06	09/12/06	09/12/06	09/12/06	09/12/06
Parameter	**Units**	*					
Volatile Organic Compounds							
Benzene	UG/L	1	1,100	64	0.5 U	1 J	6
Ethylbenzene	UG/L	5	780	21	0.8 U	0.8 U	5 J
Toluene	UG/L	5	1,400	8	0.7 U	0.7 U	14
Xylene (total)	UG/L	5	1,700	17	0.8 U	0.8 U	15
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	4,980	110	ND	1	40
Semivolatile Organic Compounds							
Acenaphthene	UG/L	20 GV	530	59	1 J	0.9 U	5
Acenaphthylene	UG/L	NS	2,700	24	1 U	1 J	9
Anthracene	UG/L	50 GV	840	10	1 U	0.9 U	1 U
Benzo(a)anthracene	UG/L	0.002 GV	610	0.9 U	1 U	0.9 U	1 U
Benzo(a)pyrene	UG/L	ND	630	0.9 U	1 U	0.9 U	1 U
Benzo(b)fluoranthene	UG/L	0.002 GV	470	0.9 U	1 U	0.9 U	1 U
Benzo(g,h,i)perylene	UG/L	NS	400	0.9 U	1 U	0.9 U	1 U
Benzo(k)fluoranthene	UG/L	0.002 GV	200	0.9 U	1 U	0.9 U	1 U
Chrysene	UG/L	0.002 GV	570	0.9 U	1 U	0.9 U	1 U
Dibenz(a,h)anthracene	UG/L	NS	64	0.9 U	1 U	0.9 U	1 U
Fluoranthene	UG/L	50 GV	2,000	8	1 U	0.9 U	1 U
Fluorene	UG/L	50 GV	1,100	19	1 U	0.9 U	2 J
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	330	0.9 U	1 U	0.9 U	1 U
Naphthalene	UG/L	10 GV	13,000	71	1 U	0.9 U	42
Phenanthrene	UG/L	50 GV	4,800	51	2 J	0.9 U	2 J
Pyrene	UG/L	50 GV	2,800	9	1 U	0.9 U	1 U

*- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during laboratory review are shown.

Concentration Exceeds

NA - Not Analyzed

J - The reported concentration is an estimated value.

U - Not detected above the reported quantitation limit.

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

Advanced Selection: 2006 GW Samples
P:\Database\NYSEG\Bridge Street\edms\EDMS.mde
Printed: 10/23/2006 2:17:24 PM

Detection Limits shown are MDL

TABLE 3
SUMMARY OF GROUNDWATER ANALYTICAL DATA - SEPTEMBER 2006
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-07BD	MW-07BS	MW-09B	MW-10B	MW-11B
Sample ID			MW-7BD(09/12/2006)	MW-7BS(09/12/2006)	MW-9B(09/12/2006)	MW-10B(09/12/2006)	MW-11B(09/12/2006)
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/12/06	09/12/06	09/12/06	09/12/06	09/12/06
Parameter	**Units**	*					
Semivolatile Organic Compounds							
Total Polynuclear Aromatic Hydrocarbons	UG/L	-	31,044	251	3	1	60
Miscellaneous Parameters							
Cyanide	UG/L	200	5 U	5 U	NA	5 U	14
Phenolics, Total Recoverable	UG/L	1	300	12 U	NA	17 J	140

*- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during laboratory review are shown.

Concentration Exceeds

NA - Not Analyzed

J - The reported concentration is an estimated value.

U - Not detected above the reported quantitation limit.

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

Advanced Selection: 2006 GW Samples
P:\Database\NYSEG\Bridge Street\edms\EDMS.mde
Printed: 10/23/2006 2:17:24 PM

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

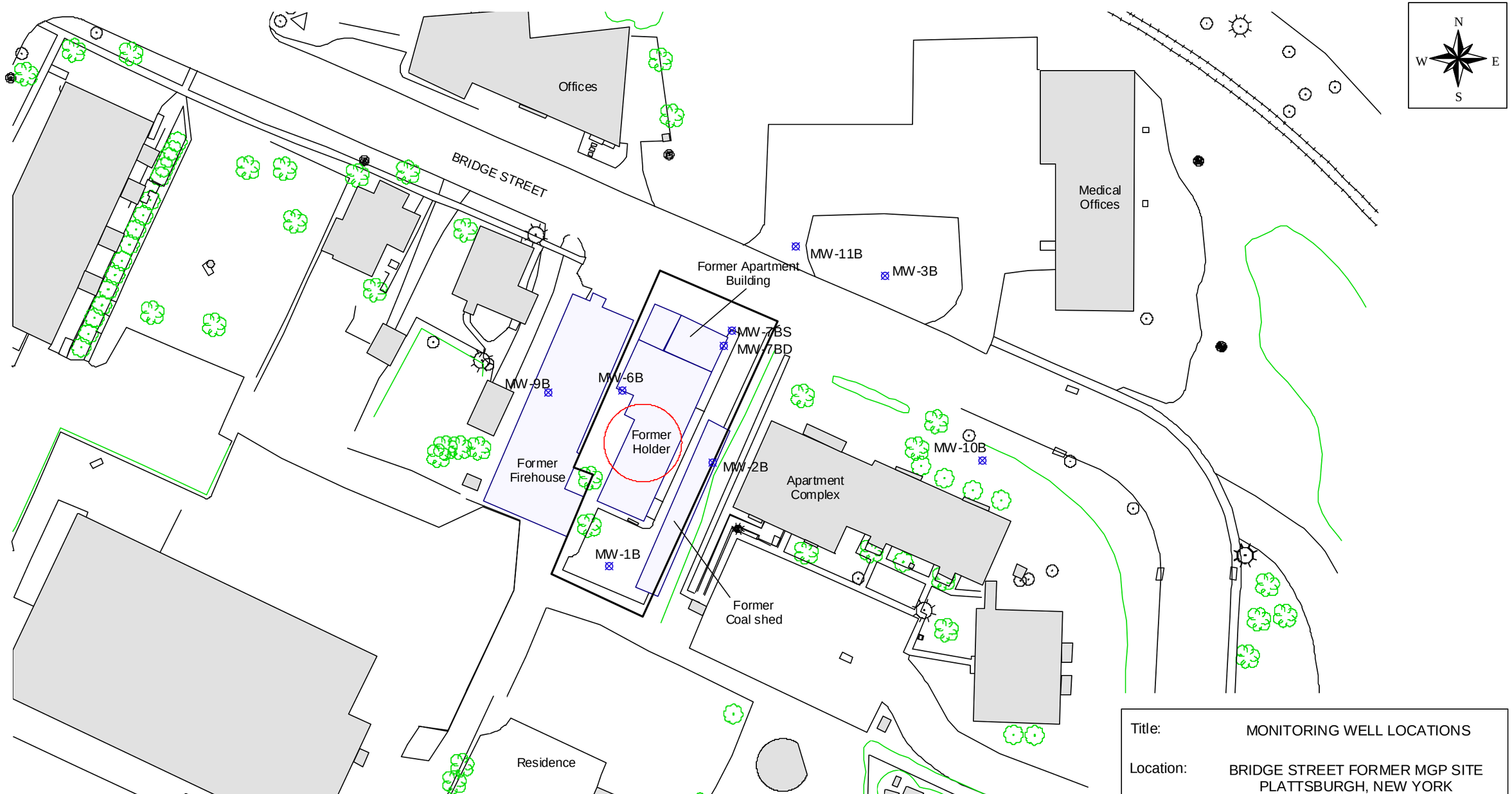
Location: BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Client: NYSEG NEW YORK STATE ELECTRIC AND GAS

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

Drafter:	Date:
DAD	October 2006
Drg. Size:	Job No.:
8.5X11	38394485

FIGURE 1



LEGEND

- Bedrock Monitoring Well
- Property Boundary (approx.)
- Former Gas Holder (approx.)
- Former Structures (approx.)
- Existing Buildings

GRAPHIC SCALE

0 30 60 90 Feet

Title:	MONITORING WELL LOCATIONS
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: DAD	Date: October 2006
Drg. Size: 11x17	Job No.: 38394485

FIGURE 2

p:\database\nyseg\bridge street\arcview\bridge st - gmp.apr/Fig. 2 - Passive Soil Vapor Sampling Locations

APPENDIX A
GROUNDWATER SAMPLE FIELD DATA SHEETS

GROUNDWATER SAMPLING DATA SHEET

WELL NO: MW-1B

Field Personnel: A. Frazzi

Date: 9/11/06
Job No.:
Location: Bridge Street

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

Depth to Water Surface Before Purging (from top of casing): - 10.12 feet

Height of Water Column: = 30.13 feet

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

One Well Volume of Water Before Purging: = 19.67 gallons or _____ liters

Volume of Water Equal to three well volumes: 59.02 gallons or _____ liters

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

Time	Volume Purged (Gallons) Liters)	Depth to Water (feet)	SC (mmhos/cm or µmhos)	Temp. (°F or °C)	pH (SU)	Turbidity (NTU)
Stabilization Criteria			+/- 10%	+/-0.2 °C	+/- 0.1 SU	+/- 10%
Initial 1220	Initial	10.35	1417	15.9	8.03	
1245	5	15.91	1417	14.5	7.88	
1254	10	22.43	1408	12.7	7.80	
1332	15	30.92	1431	11.9	7.73	
1357	20	40.06	1415	11.4	7.76	
		Dry 20 gal				

Total Volume of Water Purged: 20 (gallons)/liters

Sampling Data: 9/12/06 1540

- Sampling Method: (Bailer) or Pump
- Depth of Pump intake or bailer: _____ feet
- Color/Odor: Brown No odor Sheen/Appearance: —

Notes:

MW-1B
- VOC's
- 1 PAH
- Cyanide
- 3/4 Phenols

GROUNDWATER SAMPLING DATA SHEET

WELL NO: MW-2B

Time 1418 - 1617

Field Personnel: A Franz

Date: 9/11/06

Job No.:

Location: Bridge Street

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

Depth to Water Surface Before Purging (from top of casing): - 6.72 feet

Height of Water Column: = 33.03 feet

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

One Well Volume of Water Before Purging: = 21.57 gallons or _____ liters

Volume of Water Equal to three well volumes: 64.71 gallons or _____ liters

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

Time	Volume Purged (Gallons / Liters)	Depth to Water (feet)	SC (mmhos/cm or µmhos)	Temp. (°F or °C)	pH (SU)	Turbidity (NTU)
Stabilization Criteria			+/- 10%	+/-0.2 °C	+/- 0.1 SU	+/- 10%
	1					
	5					
	10					
	15	No Parameters			NAPL Present	
	20					
		Well Dry		24 gal		

Total Volume of Water Purged: _____ gallons/liters

Sampling Data: 9/12/06 1630

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

Notes:

MW-2B
- VOC's
- 2 PAH's
- Cyanide
- Phenols

GROUNDWATER SAMPLING DATA SHEET

WELL NO: MW-3B

Field Personnel: Albert Franz

Date: 9/11/06

Job No.:

Location: Bridge Street

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

Depth to Water Surface Before Purging (from top of casing): - 15.31 feet

Height of Water Column: = 45.50 feet

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

One Well Volume of Water Before Purging: = 29.71 gallons or _____ liters

Volume of Water Equal to three well volumes: 89.13 gallons or _____ liters

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

Time	Volume Purged (Gallons / Liters)	Depth to Water (feet)	SC (mmhos/cm or µmhos)	Temp. (°F or °C)	pH (SU)	Turbidity (NTU)
Stabilization Criteria			+/- 10%	+/-0.2 °C	+/- 0.1 SU	+/- 10%
1625		15.31	1010	13.6	8.16	
1637	5	24.26	1013	12.6	8.21	
1645	10	31.35	1061	12.3	8.20	
1714	16	38.25	1110	11.9	8.38	
1728	20	45.21	1115	12.0	8.39	
1735	25	52.06	1214	11.9	8.47	
1748	30		1351	11.6	8.47	
		Dry @ 30 gal			Sulfur odor	

Total Volume of Water Purged: 30 gallons/liters

Sampling Data: 9/12/06

- Sampling Method: Bailer or Pump
- Depth of Pump intake or bailer: _____ feet
- Color/Odor: Clear slightly cloudy Sheen/Appearance: Sulfur odor

Notes: 1825

- VOC's
- 2 PAH's All Duplicate Samples
- Cyanide
- Phenols

GROUNDWATER SAMPLING DATA SHEET

WELL NO: MW-6B

Field Personnel: A. Franci

Date: 9/12/06
Job No.:
Location: Bridge Street

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

Depth to Water Surface Before Purging (from top of casing): - 23.56 feet

Height of Water Column: = 15.44 feet

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

One Well Volume of Water Before Purging: = 10.1 gallons or _____ liters

Volume of Water Equal to three well volumes: 30.3 gallons or _____ liters

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

Time	Volume Purged (Gallons / Liters)	Depth to Water (feet)	SC (mmhos/cm or µmhos)	Temp. (°F or °C)	pH (SU)	Turbidity (NTU)
Stabilization Criteria			+/- 10%	+/-0.2 °C	+/- 0.1 SU	+/- 10%
722	Initial		1128	9.5	8.56	
735	5					
752	10		No parameters, ~~Lose of NAPL~~ (AF)			
						Trace NAPL
		Dry @ 11 gal				

Total Volume of Water Purged: 11 gallons/liters

Sampling Data: 9/12/06 1700

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

Notes: MW-6B
- VOC's
- PAH
- Cyanide
- Phenols

GROUNDWATER SAMPLING DATA SHEET

WELL NO: MW-7B-D

Field Personnel: A. Ponzi

Date: 9/12/06
Job No.:
Location: Bridge Street

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

Depth to Water Surface Before Purging (from top of casing): - 12.30 feet

Height of Water Column: = 36.94 feet
Well Diameter (d): 4 inches Gals per ft: (d^2 x 0.0408) = x 0.653

One Well Volume of Water Before Purging: = 24.12 gallons or _____ liters

Volume of Water Equal to three well volumes: 72.36 gallons or _____ liters

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

Time	Volume Purged (Gallons / Liters)	Depth to Water (feet)	SC (mmhos/cm or µmhos)	Temp. (°F or °C)	pH (SU)	Turbidity (NTU)
Stabilization Criteria			+/- 10%	+/-0.2 °C	+/- 0.1 SU	+/- 10%
900	Initial		686	13.6	9.61	
916	5	21.30	697	11.7	9.74	
930	10	26.56	703	10.9	9.74	
940	15	33.60				
955	20					[redacted]
1015	26	No Parameters				
						last 3 bailers
		Dry @ 25 gal				~100 NAPL

Total Volume of Water Purged: 25 gallons/liters

Sampling Data: 9/12/06 1745

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

Notes: MW-7B-D
- VOC's
- 1 PAH
- Cyanide
- Phenol

GW sampling sheets.xls

GROUNDWATER SAMPLING DATA SHEET

WELL NO: MW-7B-S

Field Personnel: A Brancl

Date: 9/12/06 8:05

Job No.:

Location: Bridge Street

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

Depth to Water Surface Before Purging (from top of casing): - 4.49 feet

Height of Water Column: = 9.91 feet

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

One Well Volume of Water Before Purging: = 6.47 gallons or _____ liters

Volume of Water Equal to three well volumes: 19.41 gallons or _____ liters

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

Time	Volume Purged (Gallons / Liters)	Depth to Water (feet)	SC (mmhos/cm or µmhos)	Temp. (°F or °C)	pH (SU)	Turbidity (NTU)
Stabilization Criteria			+/- 10%	+/-0.2 °C	+/- 0.1 SU	+/- 10%
805	Initial	4.49	717	16.2	8.00	
814	5	6.35	728	15.4	7.90	
829	10					
843	15	No Parameters, Trace NAPL present				
855	20					
		3 well volumes @ 19.41 gal				
		~22 gal removed				

Total Volume of Water Purged: 22 gallons/liters

Sampling Data: 9/12/06 1815

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

Notes:

- VOCs,
- 2 PAH's
- Cyanide
- Phenols

(All)

GROUNDWATER SAMPLING DATA SHEET

WELL NO: MW-9B

Field Personnel: A. Francis

Date: 9/12/06
Job No.:
Location: Bridge Street

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

Depth to Water Surface Before Purging (from top of casing): - 29.51 feet

Height of Water Column: = 5.54 feet

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

One Well Volume of Water Before Purging: = 3.62 gallons or _____ liters

Volume of Water Equal to three well volumes: 10.86 gallons or _____ liters

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

Time	Volume Purged (Gallons / Liters)	Depth to Water (feet)	SC (mmhos/cm or µmhos)	Temp. (°F or °C)	pH (SU)	Turbidity (NTU)
Stabilization Criteria			+/- 10%	+/-0.2 °C	+/- 0.1 SU	+/- 10%
650	Initial	29.53	1.92	9.5	8.15	
705						
		Dry after			4.0 gal	

Total Volume of Water Purged: 4.0 gallons/liters

Sampling Data: 9/12/06 1720

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

Notes:

- VOC's
- 4/5 PAH

well dry

GW sampling sheets.xls

GROUNDWATER SAMPLING DATA SHEET

WELL NO: MW-10B

Field Personnel: A. Frazzi

Date: 9/12/06
Job No.:
Location: Bridge Street

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

Depth to Water Surface Before Purging (from top of casing): - 9.46 feet

Height of Water Column: = 52.14 feet

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

One Well Volume of Water Before Purging: = 34.05 gallons or ______ liters

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

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

Drad 561 8368
572 3632

Time	Volume Purged (Gallons / Liters)	Depth to Water (feet)	SC (mmhos/cm or µmhos)	Temp. (°F or °C)	pH (SU)	Turbidity (NTU)
Stabilization Criteria			+/- 10%	+/-0.2 °C	+/- 0.1 SU	+/- 10%
1125	Initial	9.46	1093	15.3	7.53	
1135	5	16.81	1095	13.40	7.65	
1154	10	21.85	1091	13.00	7.41	
1203	15	26.70	1098	12.3	7.48	
1220	20	31.38	1109	12.0	7.57	
1232	25	35.75	1186	11.7	7.13	
1245	30	40.11	1187	11.7	7.13	
1302	35	44.70	1185	12.2	7.18	
1318	40	50.34	1183	12.9	7.25	
1335	45	56.11	1200	12.6	7.18	
	Dry @ 48 gal					

Total Volume of Water Purged: 48 gallons/liters

Sampling Data: 9/12/06

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

Sheen/Appearance:

Notes: 1905

- VOC's
- 2 PAH's
- Cyanide
- phenols

GROUNDWATER SAMPLING DATA SHEET

WELL NO: MW-11B

Field Personnel: A. Franzi

Date: 9/11/06
Job No.:
Location: Bridge Street

Total Well Depth (from top of casing): 4.79 feet

Depth to Water Surface Before Purging (from top of casing): 39.1 feet

Height of Water Column: = 34.31 feet

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

One Well Volume of Water Before Purging: = ~~50~~ 22.4 gallons or _____ liters

Volume of Water Equal to three well volumes: 67.2 gallons or _____ liters

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

Time	Volume Purged (Gallons / Liters)	Depth to Water (feet)	SC (mmhos/cm or µmhos)	Temp. (°F or °C)	pH (SU)	Turbidity (NTU)
Stabilization Criteria			+/- 10%	+/-0.2 °C	+/- 0.1 SU	+/- 10%
1753			~~726~~			
1809	5		~~726~~	16.7	9.19	
1817	10		~~722~~	15.1	9.20	
1827	15		~~717~~	14.5	9.30	
1838	20		~~730~~	12.4	9.40	
1916	25		~~744~~	11.3	9.48	
1930	30		~~748~~	11.0	9.44	
		Dry @ 32 gal				Septic Odor

Total Volume of Water Purged: 32 gallons/liters

Sampling Data: 9/12/06

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

Notes: 1845

- VOC's
- 2 PAH's
- Cyanide
- Phenols

(Sample)

APPENDIX B
GROUNDWATER SAMPLES LABORATORY ANALYTICAL REPORT

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

Analysis Report

ANALYTICAL RESULTS

Prepared for:

URS Corporation
28 Corporate Drive
Suite 200
Clifton Park NY 12065

518-688-0015

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 1005565. Samples arrived at the laboratory on Thursday, September 14, 2006. The PO# for this group is 38394485-06-01.

Client Description	Lancaster Labs Number
MW-1B(09/12/2006) Grab Water Sample	4864227
MW-2B(09/12/2006) Grab Water Sample	4864228
MW-3B(09/12/2006) Grab Water Sample	4864229
MW-11B(09/12/2006) Grab Water Sample	4864230
MW-9B(09/12/2006) Grab Water Sample	4864231
MW-6B(09/12/2006) Grab Water Sample	4864232
MW-7BS(09/12/2006) Grab Water Sample	4864233
MW-7BD(09/12/2006) Grab Water Sample	4864234
MW-10B(09/12/2006) Grab Water Sample	4864235
TB06234 Water Sample	4864236
DUP20060912 Grab Water Sample	4864237

METHODOLOGY

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

1 COPY TO	URS Corporation	Attn: Scott M. Hulseapple
1 COPY TO	Data Package Group	

Lancaster Laboratories

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

Analysis Report

Questions? Contact your Client Services Representative
Jennifer L Good at (717) 656-2300

Respectfully Submitted,

Kenneth A Bell

Kenneth A. Bell
Group Leader

Lancaster Laboratories

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

Analysis Report

Lancaster Laboratories Sample No. WW 4864227

MW-1B(09/12/2006) Grab Water Sample
Plattsburgh, NY

Collected:09/12/2006 15:40 by AF

Account Number: 08371

Submitted: 09/14/2006 09:15
Reported: 09/26/2006 at 12:48
Discard: 10/04/2006

URS Corporation
28 Corporate Drive
Suite 200
Clifton Park NY 12065

PLT01 SDG#: PNY02-01

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.	0.012	mg/l	1
07805	PAHs in Water by GC/MS					
03947	Naphthalene	91-20-3	22.	1.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	ug/l	1
03956	Fluorene	86-73-7	N.D.	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

The GC/MS semivolatile surrogate recoveries were outside of QC limits in this sample. Sufficient sample was unavailable to repeat the analysis.

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

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. WW 4864227

MW-1B(09/12/2006) Grab Water Sample
Plattsburgh, NY

Collected:09/12/2006 15:40 by AF

Account Number: 08371

Submitted: 09/14/2006 09:15
Reported: 09/26/2006 at 12:48
Discard: 10/04/2006

URS Corporation
28 Corporate Drive
Suite 200
Clifton Park NY 12065

PLT01 SDG#: PNY02-01

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00237	Total Cyanide (water)	EPA 335.4	1	09/20/2006 19:21	Venia B McFadden	1
00434	Phenols (water)	EPA 420.2	1	09/19/2006 11:17	Nicole M Kepley	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09/18/2006 13:39	Joseph M Gambler	1
02300	BTEX by 8260B	SW-846 8260B	1	09/18/2006 21:07	Emiley A King	1
00491	Phenol Distillation (water)	EPA 420.1	1	09/15/2006 14:30	Carolyn M Mastropietro	1
00492	Cyanide Water Distillation	EPA 335.4	2	09/19/2006 14:00	Carolyn M Mastropietro	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/18/2006 21:07	Emiley A King	1
07807	BNA Water Extraction	SW-846 3510C	1	09/16/2006 02:00	David V Hershey Jr	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4864228

MW-2B(09/12/2006) Grab Water Sample
Plattsburgh, NY

Collected:09/12/2006 16:30 by AF

Account Number: 08371

Submitted: 09/14/2006 09:15
Reported: 09/26/2006 at 12:48
Discard: 10/04/2006

URS Corporation
28 Corporate Drive
Suite 200
Clifton Park NY 12065

PLT02 SDG#: PNY02-02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00237	Total Cyanide (water)	57-12-5	N.D.	0.0050	mg/l	1
00434	Phenols (water)	n.a.	0.061	0.012	mg/l	1
07805	PAHs in Water by GC/MS					
03947	Naphthalene	91-20-3	6,000.	190.	ug/l	200
03951	Acenaphthylene	208-96-8	690.	10.	ug/l	10
03954	Acenaphthene	83-32-9	90.	1.	ug/l	1
03956	Fluorene	86-73-7	200.	10.	ug/l	10
03963	Phenanthrene	85-01-8	570.	10.	ug/l	10
03964	Anthracene	120-12-7	110.	1.	ug/l	1
03966	Fluoranthene	206-44-0	200.	10.	ug/l	10
03967	Pyrene	129-00-0	280.	10.	ug/l	10
03970	Benzo(a)anthracene	56-55-3	68.	1.	ug/l	1
03971	Chrysene	218-01-9	67.	1.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	53.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	22.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	72.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	42.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	8.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	51.	1.	ug/l	1

Surrogate recoveries were outside of QC limits for the GC/MS semivolatile compounds. The analysis was repeated outside of the required hold time and surrogate recoveries met requirements. The data reported is from the initial extraction of the sample.

02300	BTEX by 8260B					
05401	Benzene	71-43-2	1,600.	5.	ug/l	10
05407	Toluene	108-88-3	2,400.	7.	ug/l	10
05415	Ethylbenzene	100-41-4	1,400.	8.	ug/l	10
06310	Xylene (Total)	1330-20-7	2,200.	8.	ug/l	10

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

Lancaster Laboratories Sample No. WW 4864228

MW-2B(09/12/2006) Grab Water Sample
Plattsburgh, NY

Collected:09/12/2006 16:30 by AF

Account Number: 08371

Submitted: 09/14/2006 09:15
Reported: 09/26/2006 at 12:48
Discard: 10/04/2006

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28 Corporate Drive
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PLT02 SDG#: PNY02-02

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00237	Total Cyanide (water)	EPA 335.4	1	09/20/2006 19:22	Venia B McFadden	1
00434	Phenols (water)	EPA 420.2	1	09/19/2006 10:19	Nicole M Kepley	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09/18/2006 14:33	Joseph M Gambler	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09/18/2006 21:44	Gregory J Drahovsky	10
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09/18/2006 22:37	Gregory J Drahovsky	200
02300	BTEX by 8260B	SW-846 8260B	1	09/18/2006 21:31	Emiley A King	10
00491	Phenol Distillation (water)	EPA 420.1	1	09/15/2006 14:30	Carolyn M Mastropietro	1
00492	Cyanide Water Distillation	EPA 335.4	2	09/19/2006 14:00	Carolyn M Mastropietro	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/18/2006 21:31	Emiley A King	10
07807	BNA Water Extraction	SW-846 3510C	1	09/16/2006 02:00	David V Hershey Jr	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4864229

MW-3B(09/12/2006) Grab Water Sample
Plattsburgh, NY

Collected:09/12/2006 18:25 by AF

Account Number: 08371

Submitted: 09/14/2006 09:15
Reported: 09/26/2006 at 12:48
Discard: 10/04/2006

URS Corporation
28 Corporate Drive
Suite 200
Clifton Park NY 12065

PLT03 SDG#: PNY02-03

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.	0.041		0.012	mg/l	1
07805	PAHs in Water by GC/MS						
03947	Naphthalene	91-20-3	1,200.		19.	ug/l	20
03951	Acenaphthylene	208-96-8	5.		0.9	ug/l	1
03954	Acenaphthene	83-32-9	37.		0.9	ug/l	1
03956	Fluorene	86-73-7	3.	J	0.9	ug/l	1
03963	Phenanthrene	85-01-8	2.	J	0.9	ug/l	1
03964	Anthracene	120-12-7	N.D.		0.9	ug/l	1
03966	Fluoranthene	206-44-0	N.D.		0.9	ug/l	1
03967	Pyrene	129-00-0	N.D.		0.9	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.		0.9	ug/l	1
03971	Chrysene	218-01-9	N.D.		0.9	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.		0.9	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.		0.9	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.		0.9	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.		0.9	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.		0.9	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.		0.9	ug/l	1
02300	BTEX by 8260B						
05401	Benzene	71-43-2	640.		2.	ug/l	4
05407	Toluene	108-88-3	160.		3.	ug/l	4
05415	Ethylbenzene	100-41-4	440.		3.	ug/l	4
06310	Xylene (Total)	1330-20-7	290.		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.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00237	Total Cyanide (water)	EPA 335.4	1	09/20/2006 19:23	Venia B McFadden	1
00434	Phenols (water)	EPA 420.2	1	09/19/2006 10:20	Nicole M Kepley	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4864229

MW-3B(09/12/2006) Grab Water Sample
Plattsburgh, NY

Collected:09/12/2006 18:25 by AF

Account Number: 08371

Submitted: 09/14/2006 09:15
Reported: 09/26/2006 at 12:48
Discard: 10/04/2006

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28 Corporate Drive
Suite 200
Clifton Park NY 12065

PLT03 SDG#: PNY02-03

07805	PAHs in Water by GC/MS	SW-846 8270C	1	09/18/2006 15:26	Joseph M Gambler	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09/18/2006 23:30	Gregory J Drahovsky	20
02300	BTEX by 8260B	SW-846 8260B	1	09/18/2006 21:54	Emiley A King	4
00491	Phenol Distillation (water)	EPA 420.1	1	09/15/2006 14:30	Carolyn M Mastropietro	1
00492	Cyanide Water Distillation	EPA 335.4	2	09/19/2006 14:00	Carolyn M Mastropietro	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/18/2006 21:54	Emiley A King	4
07807	BNA Water Extraction	SW-846 3510C	1	09/16/2006 02:00	David V Hershey Jr	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4864230

MW-11B(09/12/2006) Grab Water Sample
Plattsburgh, NY

Collected:09/12/2006 18:45 by AF

Account Number: 08371

Submitted: 09/14/2006 09:15
Reported: 09/26/2006 at 12:48
Discard: 10/04/2006

URS Corporation
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Suite 200
Clifton Park NY 12065

PLT11 SDG#: PNY02-04

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
00237	Total Cyanide (water)	57-12-5	0.014		0.0050	mg/l	1
00434	Phenols (water)	n.a.	0.14		0.012	mg/l	1
07805	PAHs in Water by GC/MS						
03947	Naphthalene	91-20-3	42.		1.	ug/l	1
03951	Acenaphthylene	208-96-8	9.		1.	ug/l	1
03954	Acenaphthene	83-32-9	5.		1.	ug/l	1
03956	Fluorene	86-73-7	2.	J	1.	ug/l	1
03963	Phenanthrene	85-01-8	2.	J	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	6.		0.5	ug/l	1
05407	Toluene	108-88-3	14.		0.7	ug/l	1
05415	Ethylbenzene	100-41-4	5.	J	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	15.		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	09/20/2006 20:33	Venia B McFadden	1
00434	Phenols (water)	EPA 420.2	1	09/19/2006 10:22	Nicole M Kepley	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4864230

MW-11B(09/12/2006) Grab Water Sample
Plattsburgh, NY

Collected:09/12/2006 18:45 by AF

Account Number: 08371

Submitted: 09/14/2006 09:15
Reported: 09/26/2006 at 12:48
Discard: 10/04/2006

URS Corporation
28 Corporate Drive
Suite 200
Clifton Park NY 12065

PLT11 SDG#: PNY02-04

07805	PAHs in Water by GC/MS	SW-846 8270C	1	09/18/2006 16:20	Joseph M Gambler	1
02300	BTEX by 8260B	SW-846 8260B	1	09/18/2006 22:18	Emiley A King	1
00491	Phenol Distillation (water)	EPA 420.1	1	09/15/2006 14:30	Carolyn M Mastropietro	1
00492	Cyanide Water Distillation	EPA 335.4	2	09/19/2006 14:00	Carolyn M Mastropietro	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/18/2006 22:18	Emiley A King	1
07807	BNA Water Extraction	SW-846 3510C	1	09/16/2006 02:00	David V Hershey Jr	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4864231

MW-9B(09/12/2006) Grab Water Sample
Plattsburgh, NY

Collected:09/12/2006 17:20 by AF

Account Number: 08371

Submitted: 09/14/2006 09:15
Reported: 09/26/2006 at 12:48
Discard: 10/04/2006

URS Corporation
28 Corporate Drive
Suite 200
Clifton Park NY 12065

PLT09 SDG#: PNY02-05

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.		1.	ug/l	1
03951	Acenaphthylene	208-96-8	N.D.		1.	ug/l	1
03954	Acenaphthene	83-32-9	1.	J	1.	ug/l	1
03956	Fluorene	86-73-7	N.D.		1.	ug/l	1
03963	Phenanthrene	85-01-8	2.	J	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	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

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.

Laboratory Chronicle

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Analysis Report

Lancaster Laboratories Sample No. WW 4864231

MW-9B(09/12/2006) Grab Water Sample
Plattsburgh, NY

Collected:09/12/2006 17:20 by AF

Account Number: 08371

Submitted: 09/14/2006 09:15
Reported: 09/26/2006 at 12:48
Discard: 10/04/2006

URS Corporation
28 Corporate Drive
Suite 200
Clifton Park NY 12065

PLT09 SDG#: PNY02-05

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09/18/2006 17:14	Joseph M Gambler	1
02300	BTEX by 8260B	SW-846 8260B	1	09/18/2006 20:21	Emiley A King	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/18/2006 20:21	Emiley A King	1
07807	BNA Water Extraction	SW-846 3510C	1	09/16/2006 02:00	David V Hershey Jr	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4864232

MW-6B(09/12/2006) Grab Water Sample
Plattsburgh, NY

Collected:09/12/2006 17:00 by AF

Account Number: 08371

Submitted: 09/14/2006 09:15
Reported: 09/26/2006 at 12:48
Discard: 10/04/2006

URS Corporation
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Suite 200
Clifton Park NY 12065

PLT06 SDG#: PNY02-06

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.	0.027	J	0.012	mg/l	1
07805	PAHs in Water by GC/MS						
03947	Naphthalene	91-20-3	120.		5.	ug/l	5
03951	Acenaphthylene	208-96-8	310.		5.	ug/l	5
03954	Acenaphthene	83-32-9	57.		1.	ug/l	1
03956	Fluorene	86-73-7	180.		5.	ug/l	5
03963	Phenanthrene	85-01-8	860.		19.	ug/l	20
03964	Anthracene	120-12-7	250.		5.	ug/l	5
03966	Fluoranthene	206-44-0	600.		19.	ug/l	20
03967	Pyrene	129-00-0	820.		19.	ug/l	20
03970	Benzo(a)anthracene	56-55-3	280.		5.	ug/l	5
03971	Chrysene	218-01-9	270.		5.	ug/l	5
03975	Benzo(b)fluoranthene	205-99-2	220.		5.	ug/l	5
03976	Benzo(k)fluoranthene	207-08-9	84.		1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	310.		5.	ug/l	5
03978	Indeno(1,2,3-cd)pyrene	193-39-5	190.		5.	ug/l	5
03979	Dibenz(a,h)anthracene	53-70-3	5.		1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	230.		5.	ug/l	5
02300	BTEX by 8260B						
05401	Benzene	71-43-2	2.	J	0.5	ug/l	1
05407	Toluene	108-88-3	3.	J	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	1.	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.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00237	Total Cyanide (water)	EPA 335.4	1	09/20/2006 19:28	Venia B McFadden	1
00434	Phenols (water)	EPA 420.2	1	09/19/2006 10:29	Nicole M Kepley	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4864232

MW-6B(09/12/2006) Grab Water Sample
Plattsburgh, NY

Collected:09/12/2006 17:00 by AF

Account Number: 08371

Submitted: 09/14/2006 09:15
Reported: 09/26/2006 at 12:48
Discard: 10/04/2006

URS Corporation
28 Corporate Drive
Suite 200
Clifton Park NY 12065

PLT06 SDG#: PNY02-06

07805	PAHs in Water by GC/MS	SW-846 8270C	1	09/18/2006 18:08	Joseph M Gambler	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09/19/2006 00:23	Gregory J Drahovsky	5
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09/19/2006 01:16	Gregory J Drahovsky	20
02300	BTEX by 8260B	SW-846 8260B	1	09/18/2006 22:41	Emiley A King	1
00491	Phenol Distillation (water)	EPA 420.1	1	09/15/2006 14:30	Carolyn M Mastropietro	1
00492	Cyanide Water Distillation	EPA 335.4	2	09/19/2006 14:00	Carolyn M Mastropietro	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/18/2006 22:41	Emiley A King	1
07807	BNA Water Extraction	SW-846 3510C	1	09/16/2006 02:00	David V Hershey Jr	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4864233

MW-7BS(09/12/2006) Grab Water Sample
Plattsburgh, NY

Collected:09/12/2006 18:15 by AF

Account Number: 08371

Submitted: 09/14/2006 09:15
Reported: 09/26/2006 at 12:48
Discard: 10/04/2006

URS Corporation
28 Corporate Drive
Suite 200
Clifton Park NY 12065

PLT7S SDG#: PNY02-07

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.	0.012	mg/l	1
07805	PAHs in Water by GC/MS					
03947	Naphthalene	91-20-3	71.	0.9	ug/l	1
03951	Acenaphthylene	208-96-8	24.	0.9	ug/l	1
03954	Acenaphthene	83-32-9	59.	0.9	ug/l	1
03956	Fluorene	86-73-7	19.	0.9	ug/l	1
03963	Phenanthrene	85-01-8	51.	0.9	ug/l	1
03964	Anthracene	120-12-7	10.	0.9	ug/l	1
03966	Fluoranthene	206-44-0	8.	0.9	ug/l	1
03967	Pyrene	129-00-0	9.	0.9	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	0.9	ug/l	1
03971	Chrysene	218-01-9	N.D.	0.9	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	0.9	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	0.9	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	0.9	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.9	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	0.9	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	0.9	ug/l	1
02300	BTEX by 8260B					
05401	Benzene	71-43-2	64.	0.5	ug/l	1
05407	Toluene	108-88-3	8.	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	21.	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	17.	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	09/20/2006 19:29	Venia B McFadden	1
00434	Phenols (water)	EPA 420.2	1	09/19/2006 10:30	Nicole M Kepley	1

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 4864233

MW-7BS(09/12/2006) Grab Water Sample
Plattsburgh, NY

Collected:09/12/2006 18:15 by AF

Account Number: 08371

Submitted: 09/14/2006 09:15
Reported: 09/26/2006 at 12:48
Discard: 10/04/2006

URS Corporation
28 Corporate Drive
Suite 200
Clifton Park NY 12065

PLT7S SDG#: PNY02-07

07805	PAHs in Water by GC/MS	SW-846 8270C	1	09/19/2006 02:09	Gregory J Drahovsky	1
02300	BTEX by 8260B	SW-846 8260B	1	09/18/2006 23:03	Emiley A King	1
00491	Phenol Distillation (water)	EPA 420.1	1	09/15/2006 14:30	Carolyn M Mastropietro	1
00492	Cyanide Water Distillation	EPA 335.4	2	09/19/2006 14:00	Carolyn M Mastropietro	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/18/2006 23:03	Emiley A King	1
07807	BNA Water Extraction	SW-846 3510C	1	09/16/2006 02:00	David V Hershey Jr	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4864234

MW-7BD(09/12/2006) Grab Water Sample
Plattsburgh, NY

Collected:09/12/2006 17:45 by AF

Account Number: 08371

Submitted: 09/14/2006 09:15
Reported: 09/26/2006 at 12:48
Discard: 10/04/2006

URS Corporation
28 Corporate Drive
Suite 200
Clifton Park NY 12065

PLT7D SDG#: PNY02-08

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.	0.30	0.012	mg/l	1
07805	PAHs in Water by GC/MS					
03947	Naphthalene	91-20-3	13,000.	190.	ug/l	200
03951	Acenaphthylene	208-96-8	2,700.	190.	ug/l	200
03954	Acenaphthene	83-32-9	530.	10.	ug/l	10
03956	Fluorene	86-73-7	1,100.	10.	ug/l	10
03963	Phenanthrene	85-01-8	4,800.	190.	ug/l	200
03964	Anthracene	120-12-7	840.	10.	ug/l	10
03966	Fluoranthene	206-44-0	2,000.	190.	ug/l	200
03967	Pyrene	129-00-0	2,800.	190.	ug/l	200
03970	Benzo(a)anthracene	56-55-3	610.	10.	ug/l	10
03971	Chrysene	218-01-9	570.	10.	ug/l	10
03975	Benzo(b)fluoranthene	205-99-2	470.	10.	ug/l	10
03976	Benzo(k)fluoranthene	207-08-9	200.	10.	ug/l	10
03977	Benzo(a)pyrene	50-32-8	630.	10.	ug/l	10
03978	Indeno(1,2,3-cd)pyrene	193-39-5	330.	10.	ug/l	10
03979	Dibenz(a,h)anthracene	53-70-3	64.	10.	ug/l	10
03980	Benzo(g,h,i)perylene	191-24-2	400.	10.	ug/l	10
02300	BTEX by 8260B					
05401	Benzene	71-43-2	1,100.	5.	ug/l	10
05407	Toluene	108-88-3	1,400.	7.	ug/l	10
05415	Ethylbenzene	100-41-4	780.	8.	ug/l	10
06310	Xylene (Total)	1330-20-7	1,700.	8.	ug/l	10

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. WW 4864234

MW-7BD(09/12/2006) Grab Water Sample
Plattsburgh, NY

Collected:09/12/2006 17:45 by AF

Account Number: 08371

Submitted: 09/14/2006 09:15
Reported: 09/26/2006 at 12:48
Discard: 10/04/2006

URS Corporation
28 Corporate Drive
Suite 200
Clifton Park NY 12065

PLT7D SDG#: PNY02-08

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00237	Total Cyanide (water)	EPA 335.4	1	09/20/2006 19:33	Venia B McFadden	1
00434	Phenols (water)	EPA 420.2	1	09/19/2006 10:31	Nicole M Kepley	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09/19/2006 08:47	Joseph M Gambler	10
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09/20/2006 18:16	Gregory J Drahovsky	200
02300	BTEX by 8260B	SW-846 8260B	1	09/18/2006 23:27	Emiley A King	10
00491	Phenol Distillation (water)	EPA 420.1	1	09/15/2006 14:30	Carolyn M Mastropietro	1
00492	Cyanide Water Distillation	EPA 335.4	2	09/19/2006 14:00	Carolyn M Mastropietro	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/18/2006 23:27	Emiley A King	10
07807	BNA Water Extraction	SW-846 3510C	1	09/16/2006 02:00	David V Hershey Jr	1

Analysis Report

Lancaster Laboratories

REVISED

Lancaster Laboratories Sample No. WW 4864235

MW-10B(09/12/2006) Grab Water Sample
Plattsburgh, NY

Collected:09/12/2006 19:05 by AF

Account Number: 08371

Submitted: 09/14/2006 09:15
Reported: 10/03/2006 at 08:17
Discard: 10/11/2006

URS Corporation
28 Corporate Drive
Suite 200
Clifton Park NY 12065

PLT10 SDG#: PNY02-09

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.	0.017 J	0.012	mg/l	1
07805	PAHs in Water by GC/MS					
03947	Naphthalene	91-20-3	N.D.	0.9	ug/l	1
03951	Acenaphthylene	208-96-8	1. J	0.9	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	0.9	ug/l	1
03956	Fluorene	86-73-7	N.D.	0.9	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	0.9	ug/l	1
03964	Anthracene	120-12-7	N.D.	0.9	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	0.9	ug/l	1
03967	Pyrene	129-00-0	N.D.	0.9	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	0.9	ug/l	1
03971	Chrysene	218-01-9	N.D.	0.9	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	0.9	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	0.9	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	0.9	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.9	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	0.9	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	0.9	ug/l	1
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

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
00237	Total Cyanide (water)	EPA 335.4	1	09/20/2006 19:34	Venia B McFadden	1

Lancaster Laboratories, Inc.
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PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4864235

MW-10B(09/12/2006) Grab Water Sample
Plattsburgh, NY

Collected:09/12/2006 19:05 by AF

Account Number: 08371

Submitted: 09/14/2006 09:15
Reported: 10/03/2006 at 08:17
Discard: 10/11/2006

URS Corporation
28 Corporate Drive
Suite 200
Clifton Park NY 12065

PLT10 SDG#: PNY02-09

00434	Phenols (water)	EPA 420.2	1	09/19/2006 11:09	Nicole M Kepley	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09/19/2006 03:55	Gregory J Drahovsky	1
02300	BTEX by 8260B	SW-846 8260B	1	09/18/2006 23:50	Emiley A King	1
00491	Phenol Distillation (water)	EPA 420.1	1	09/15/2006 14:30	Carolyn M Mastropietro	1
00492	Cyanide Water Distillation	EPA 335.4	2	09/19/2006 14:00	Carolyn M Mastropietro	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/18/2006 23:50	Emiley A King	1
07807	BNA Water Extraction	SW-846 3510C	1	09/16/2006 02:00	David V Hershey Jr	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Report

Lancaster Laboratories

REVISED

Lancaster Laboratories Sample No. WW 4864236

TB06234 Water Sample
Plattsburgh, NY

Collected: n.a. by AF

Account Number: 08371

Submitted: 09/14/2006 09:15
Reported: 10/03/2006 at 08:17
Discard: 10/11/2006

URS Corporation
28 Corporate Drive
Suite 200
Clifton Park NY 12065

PLTTB SDG#: PNY02-10TB

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	09/19/2006 00:14	Emiley A King	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/19/2006 00:14	Emiley A King	1

Lancaster Laboratories, Inc.
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Analysis Report

Lancaster Laboratories Sample No. WW 4864237

DUP20060912 Grab Water Sample
Plattsburgh, NY

Collected:09/12/2006 by AF

Account Number: 08371

Submitted: 09/14/2006 09:15
Reported: 09/26/2006 at 12:49
Discard: 10/04/2006

URS Corporation
28 Corporate Drive
Suite 200
Clifton Park NY 12065

PLTFD SDG#: PNY02-11FD

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.	0.035 J	0.012	mg/l	1
07805	PAHs in Water by GC/MS					
03947	Naphthalene	91-20-3	1,300.	47.	ug/l	50
03951	Acenaphthylene	208-96-8	5.	0.9	ug/l	1
03954	Acenaphthene	83-32-9	37.	0.9	ug/l	1
03956	Fluorene	86-73-7	3. J	0.9	ug/l	1
03963	Phenanthrene	85-01-8	2. J	0.9	ug/l	1
03964	Anthracene	120-12-7	N.D.	0.9	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	0.9	ug/l	1
03967	Pyrene	129-00-0	N.D.	0.9	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	0.9	ug/l	1
03971	Chrysene	218-01-9	N.D.	0.9	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	0.9	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	0.9	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	0.9	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.9	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	0.9	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	0.9	ug/l	1
02300	BTEX by 8260B					
05401	Benzene	71-43-2	640.	2.	ug/l	4
05407	Toluene	108-88-3	160.	3.	ug/l	4
05415	Ethylbenzene	100-41-4	430.	3.	ug/l	4
06310	Xylene (Total)	1330-20-7	290.	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.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis Trial#	Analysis Date and Time	Analyst	Dilution Factor
00237	Total Cyanide (water)	EPA 335.4	1	09/20/2006 19:35	Venia B McFadden	1
00434	Phenols (water)	EPA 420.2	1	09/19/2006 10:33	Nicole M Kepley	1

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 4864237

DUP20060912 Grab Water Sample
Plattsburgh, NY

Collected:09/12/2006 by AF

Account Number: 08371

Submitted: 09/14/2006 09:15
Reported: 09/26/2006 at 12:49
Discard: 10/04/2006

URS Corporation
28 Corporate Drive
Suite 200
Clifton Park NY 12065

PLTFD SDG#: PNY02-11FD

07805	PAHs in Water by GC/MS	SW-846 8270C	1	09/19/2006 04:48	Gregory J Drahovsky	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	09/19/2006 23:40	Gregory J Drahovsky	50
02300	BTEX by 8260B	SW-846 8260B	1	09/19/2006 02:59	Stephanie A Selis	4
00491	Phenol Distillation (water)	EPA 420.1	1	09/15/2006 14:30	Carolyn M Mastropietro	1
00492	Cyanide Water Distillation	EPA 335.4	2	09/19/2006 14:00	Carolyn M Mastropietro	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/19/2006 02:59	Stephanie A Selis	4
07807	BNA Water Extraction	SW-846 3510C	1	09/16/2006 02:00	David V Hershey Jr	1

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Analysis Report

Quality Control Summary

Client Name: URS Corporation Group Number: 1005565
Reported: 09/26/06 at 12:49 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: 06258113101A	Sample number(s): 4864227-4864230							
Phenols (water)	N.D.	0.012	mg/l	94	94	84-112	0	20
Batch number: 06258113102A	Sample number(s): 4864232-4864235,4864237							
Phenols (water)	N.D.	0.012	mg/l	105	105	84-112	1	20
Batch number: 06258WAG026	Sample number(s): 4864227-4864235,4864237							
Naphthalene	N.D.	1.	ug/l	85	85	68-108	0	30
Acenaphthylene	N.D.	1.	ug/l	98	97	76-117	1	30
Acenaphthene	N.D.	1.	ug/l	91	92	68-111	2	30
Fluorene	N.D.	1.	ug/l	91	91	75-111	0	30
Phenanthrene	N.D.	1.	ug/l	89	92	68-111	4	30
Anthracene	N.D.	1.	ug/l	86	89	68-108	3	30
Fluoranthene	N.D.	1.	ug/l	87	90	66-108	4	30
Pyrene	N.D.	1.	ug/l	95	99	68-114	4	30
Benzo(a)anthracene	N.D.	1.	ug/l	92	96	71-113	4	30
Chrysene	N.D.	1.	ug/l	90	92	70-111	2	30
Benzo(b)fluoranthene	N.D.	1.	ug/l	88	88	65-122	0	30
Benzo(k)fluoranthene	N.D.	1.	ug/l	90	94	67-120	4	30
Benzo(a)pyrene	N.D.	1.	ug/l	95	97	68-121	3	30
Indeno(1,2,3-cd)pyrene	N.D.	1.	ug/l	95	96	64-125	1	30
Dibenz(a,h)anthracene	N.D.	1.	ug/l	98	101	70-131	3	30
Benzo(g,h,i)perylene	N.D.	1.	ug/l	94	97	67-126	3	30
Batch number: 06262102101A	Sample number(s): 4864227-4864230,4864232-4864235,4864237							
Total Cyanide (water)	N.D.	0.0050	mg/l	97		90-110		
Batch number: N062611AA	Sample number(s): 4864227-4864236							
Benzene	N.D.	0.5	ug/l	105	101	85-117	4	30
Toluene	N.D.	0.7	ug/l	99	95	85-115	5	30
Ethylbenzene	N.D.	0.8	ug/l	95	92	82-119	3	30
Xylene (Total)	N.D.	0.8	ug/l	93	90	83-113	3	30
Batch number: N062611AB	Sample number(s): 4864237							
Benzene	N.D.	0.5	ug/l	105	101	85-117	4	30
Toluene	N.D.	0.7	ug/l	99	95	85-115	5	30
Ethylbenzene	N.D.	0.8	ug/l	95	92	82-119	3	30
Xylene (Total)	N.D.	0.8	ug/l	93	90	83-113	3	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

	MS	MSD	MS/MSD	RPD	BKG	DUP	DUP	Dup RPD

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

Quality Control Summary

Client Name: URS Corporation Group Number: 1005565
Reported: 09/26/06 at 12:49 PM

Analysis Name	%REC	%REC Limits	RPD	MAX	Conc	Conc	RPD	Max
Batch number: 06262102101A	Sample number(s): 4864227-4864230,4864232-4864235,4864237 UNSPK: 4864229 BKG: 4864229							
Total Cyanide (water)	73*	90-110			N.D.	N.D.	0 (1)	20
Batch number: N062611AA	Sample number(s): 4864227-4864236 UNSPK: 4864231							
Benzene	113	83-128						
Toluene	106	83-127						
Ethylbenzene	100	82-129						
Xylene (Total)	98	82-130						
Batch number: N062611AB	Sample number(s): 4864237 UNSPK: P864231							
Benzene	113	83-128						
Toluene	106	83-127						
Ethylbenzene	100	82-129						
Xylene (Total)	98	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: 06258WAG026

	Nitrobenzene-d5	2-Fluorobiphenyl	Terphenyl-d14
4864227	69	62*	61
4864228	135*	90	92
4864229	109	112	115
4864230	91	89	87
4864231	85	83	84
4864232	94	92	92
4864233	95	93	81
4864234	103	100	97
4864235	91	90	82
4864237	93	92	83
Blank	89	91	89
LCS	88	88	95
LCSD	86	90	97
Limits:	51-123	64-112	52-151

Analysis Name: UST-Unleaded Waters by 8260B
Batch number: N062611AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4864227	94	98	92	90
4864228	92	97	92	95
4864229	92	97	92	95
4864230	94	98	92	93
4864231	95	98	91	89
4864232	94	96	92	92
4864233	93	97	92	94
4864234	92	96	92	95
4864235	94	99	91	90
4864236	94	98	91	90

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

Quality Control Summary

Client Name: URS Corporation Group Number: 1005565
Reported: 09/26/06 at 12:49 PM

Surrogate Quality Control

Blank	92	97	91	89
LCS	93	95	93	95
LCSD	93	98	94	96
MS	92	97	95	95
Limits:	80-116	77-113	80-113	78-113

Analysis Name: UST-Unleaded Waters by 8260B
Batch number: N062611AB

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4864237	92	96	92	94
Blank	94	99	91	90
LCS	93	95	93	95
LCSD	93	98	94	96
MS	92	97	95	95
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 background result was more than four times the spike added.

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only
Acct. # 8311 Group# 1005565 Sample # 4864227-37

COC # 0132259

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

For Lab Use Only
FSC:
SCR#: 32139

(1) Client: URS CORPORATION Acct. #:
Project Name/#: 38394485 - NYSEG P'BURG PWSID #:
Project Manager: SCOTT HULSEAPPLE P.O.#:
Sampler: Albert FRANZI Quote #:
Name of state where samples were collected: NEW YORK

(5) Analyses Requested — Preservation Codes

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	(4) Matrix: Drinking Water	Groundwater	Wastewater	Soil/Solid	Oil	Other	Total # of Containers	H	N	B,O	S					Remarks
												BTEX - 8260B - 3-40mL VOAs	PAHs - 8270C - 2-1L Amb	Cyanide - 500mL plastic	Phenol - 1L glass					
MW-1B (09/12/2006)	9/12/06	1540	X			WG					6	X	X	X	X					Not enough volume to fill second bottle for PAHs
MW-2B (09/12/2006)	9/12/06	1630	X			WG					7	X	X	X	X					High levels of PAHs/BTEX
MW-3B (09/12/2006)	9/12/06	1825	X			WG					7	X	X	X	X					
MW-11B (09/12/2006)	9/12/06	1845	X			WG					7	X	X	X	X					
MW-9B (09/12/2006)	9/12/06	1720	X			WG					4	X	X							Not enough volume for Cyanide/Phenol
MW-6B (09/12/2006)	9/12/06	1700	X			WG					6	X	X	X	X					Not enough volume to fill second bottle for PAHs
MW-8S (09/12/2006)	9/12/06	1815	X			WG					7	X	X	X	X					
MW-7BD (09/12/2006)	9/12/06	1745	X			WG					6	X	X	X	X					Not enough volume to fill - High levels second bottle for PAHs of PAHs/BTEX
MW-10B (09/12/2006)	9/12/06	1905	X			WG					7	X	X	X	X					
TB06234	—	—	X			WQ					2	X								

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

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

(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 #: Fax #:
E-mail address:

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

SDG Complete? (Yes) No

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

Relinquished by:	Date	Time	Received by:	Date	Time
	8-31-06	1203			(9) 9/1/06 800
Relinquished by:	Date	Time	Received by:	Date	Time
	9/13/06	1500			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by: Kathy Binkley	Date	Time 9-14-06 0915

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only
Acct. # 8311 Group# 1005565 Sample # 4864227-37

COC # 0132260

page 2 of 2

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

(1) Client: URS CORPORATION Acct. #:
Project Name/#: 38394485-NYSEG PJBURG PWSID #:
Project Manager: SCOTT HULSEAPPLE P.O.#:
Sampler: Albert FRANZI Quote #:
Name of state where samples were collected: New York

For Lab Use Only
FSC:
SCR#:

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	(4) Matrix: Soil	Water	Other	Total # of Containers	(5) Analyses Requested — Preservation Codes: H	NaOH	B,O	S	BTEX	PAHs	Cyanide	Phenol	(6) Field Filtered (if applicable)	Remarks
DUP20060912	09/12/06	—	X			WC		7	X	X	X	X	X	X	X	X		

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

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

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
	9/13/06	1500			
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: Kathy Binkley	9-14-06	0915

Lancaster Laboratories, Inc., 2425 New Holland Pike, Lancaster, PA 17601 (717) 656-2300 Fax: (717) 656-6766
Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

2102.03

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 RESULTS

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

Location ID			MW-01B	MW-01B	MW-01B	MW-01B	MW-01B
Sample ID			BSGUD021B	DUP-01/28/02	BSGUD0101	BSGUD0101_9/21/05	MW-1B(09/12/2006)
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/28/02	01/28/02	09/16/04	09/21/05	09/12/06
Parameter	**Units**	**Criteria***		Field Duplicate (1-1)			
Volatile Organic Compounds							
Benzene	UG/L	1	4	4	0.643 J	0.9 J	5 U
Ethylbenzene	UG/L	5	1 U	1 U	1 U	0.8 U	5 U
Toluene	UG/L	5	1 U	1 U	0.382 J	0.7 U	5 U
Xylene (total)	UG/L	5	1 U	1 U	2 U	0.8 U	5 U
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	4	4	1.025	0.9	ND
Semivolatile Organic Compounds							
2,4,6-Trichlorophenol	UG/L	1	10 U	10 U	NA	NA	NA
2,4-Dinitrotoluene	UG/L	5	10 U	10 U	NA	NA	NA
1,2-Diphenylhydrazine	UG/L	ND	10 U	10 U	NA	NA	NA
Hexachlorobenzene	UG/L	0.04	10 U	10 U	NA	NA	NA
Hexachloroethane	UG/L	5	10 U	10 U	NA	NA	NA
Nitrobenzene	UG/L	0.4	10 U	10 U	NA	NA	NA
1,2,4-Trichlorobenzene	UG/L	5	10 U	10 U	NA	NA	NA
2,4-Dichlorophenol	UG/L	5	10 U	10 U	NA	NA	NA
Pentachlorophenol	UG/L	1	50 U	50 U	NA	NA	NA
2,4-Dimethylphenol	UG/L	50 GV	10 U	10 U	NA	NA	NA
2,4-Dinitrophenol	UG/L	10 GV	50 U	50 U	NA	NA	NA
1,2-Dichlorobenzene	UG/L	3	10 U	10 U	NA	NA	NA
2,6-Dinitrotoluene	UG/L	5	10 U	10 U	NA	NA	NA
2-Chloronaphthalene	UG/L	10	10 U	10 U	NA	NA	NA
2-Chlorophenol	UG/L	1	10 U	10 U	NA	NA	NA
2-Methylnaphthalene	UG/L	5	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. April 2000, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during laboratory review are shown.

Concentration Exceeds Criteria

NA - Not Analyzed

J - The reported concentration is an estimated value.

U - Not detected above the reported quantitation limit. 0 indicates PQL not available

Advanced Selection: Bedrock wells
P:\Database\NYSEG\Bridge Street\edms\EDMS.mde
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Detection Limits shown are PQL

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

Location ID			MW-01B	MW-01B	MW-01B	MW-01B	MW-01B
Sample ID			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	50	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	50	10 U	10 U	NA	NA	NA
4-Chloro-3-methylphenol	UG/L	1	10 U	10 U	NA	NA	NA
4-Nitrophenol	UG/L	1	50 U	50 U	NA	NA	NA
Acenaphthene	UG/L	20 GV	10 U	10 U	9.43 U	NA	5 U
Acenaphthylene	UG/L	NS	10 U	10 U	9.43 U	NA	5 U
Anthracene	UG/L	50 GV	10 U	10 U	9.43 U	NA	5 U
Benzidine	UG/L	5	80 U	80 U	NA	NA	NA
Benzo(a)anthracene	UG/L	0.002 GV	10 U	10 U	9.43 U	NA	5 U
Benzo(a)pyrene	UG/L	ND	10 U	10 U	9.43 U	NA	5 U
Benzo(b)fluoranthene	UG/L	0.002 GV	10 U	10 U	9.43 U	NA	5 U
Benzo(g,h,i)perylene	UG/L	NS	10 U	10 U	9.43 U	NA	5 U
Benzo(k)fluoranthene	UG/L	0.002 GV	10 U	10 U	9.43 U	NA	5 U
bis(2-Chloroisopropyl)ether	UG/L	5	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. April 2000, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during laboratory review are shown.

Concentration Exceeds Criteria

NA - Not Analyzed

J - The reported concentration is an estimated value.

U - Not detected above the reported quantitation limit. 0 indicates PQL not available

Advanced Selection: Bedrock wells
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Detection Limits shown are PQL

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

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

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during laboratory review are shown.

Concentration Exceeds Criteria

NA - Not Analyzed

J - The reported concentration is an estimated value.

U - Not detected above the reported quantitation limit. 0 indicates PQL not available

Advanced Selection: Bedrock wells
P:\Database\NYSEG\Bridge Street\edms\EDMS.mde
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Detection Limits shown are PQL

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

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

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during laboratory review are shown.

Concentration Exceeds Criteria

NA - Not Analyzed

J - The reported concentration is an estimated value.

U - Not detected above the reported quantitation limit. 0 indicates PQL not available

Advanced Selection: Bedrock wells
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Detection Limits shown are PQL

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

Location ID			MW-02B	MW-02B	MW-02B	MW-02B	MW-02B
Sample ID			BSGDD0202	BSGDD0102	DUP-09/16/04	BSGDD0102_9/21/05	DUP 09/21/05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/30/02	09/16/04	09/16/04	09/21/05	09/21/05
Parameter	**Units**	**Criteria***			Field Duplicate (1-1)		Field Duplicate (1-1)
Volatile Organic Compounds							
Benzene	UG/L	1	1,300	917	910	850	870
Ethylbenzene	UG/L	5	1,500	987	1,520	970	1,000
Toluene	UG/L	5	2,600	1,470	1,790	1,300	1,400
Xylene (total)	UG/L	5	2,800	1,800	2,800	1,600	1,700
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	8,200	5,174	7,020	4,720	4,970
Semivolatile Organic Compounds							
2,4,6-Trichlorophenol	UG/L	1	0 U	NA	NA	NA	NA
2,4-Dinitrotoluene	UG/L	5	0 U	NA	NA	NA	NA
1,2-Diphenylhydrazine	UG/L	ND	0 U	NA	NA	NA	NA
Hexachlorobenzene	UG/L	0.04	0 U	NA	NA	NA	NA
Hexachloroethane	UG/L	5	0 U	NA	NA	NA	NA
Nitrobenzene	UG/L	0.4	0 U	NA	NA	NA	NA
1,2,4-Trichlorobenzene	UG/L	5	0 U	NA	NA	NA	NA
2,4-Dichlorophenol	UG/L	5	0 U	NA	NA	NA	NA
Pentachlorophenol	UG/L	1	0 U	NA	NA	NA	NA
2,4-Dimethylphenol	UG/L	50 GV	0 U	NA	NA	NA	NA
2,4-Dinitrophenol	UG/L	10 GV	0 U	NA	NA	NA	NA
1,2-Dichlorobenzene	UG/L	3	0 U	NA	NA	NA	NA
2,6-Dinitrotoluene	UG/L	5	0 U	NA	NA	NA	NA
2-Chloronaphthalene	UG/L	10	0 U	NA	NA	NA	NA
2-Chlorophenol	UG/L	1	0 U	NA	NA	NA	NA
2-Methylnaphthalene	UG/L	5	170 J	556	457	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during laboratory review are shown.

Concentration Exceeds Criteria

NA - Not Analyzed

J - The reported concentration is an estimated value.

U - Not detected above the reported quantitation limit. 0 indicates PQL not available

Advanced Selection: Bedrock wells
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Detection Limits shown are PQL

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

Location ID			MW-02B	MW-02B	MW-02B	MW-02B	MW-02B
Sample ID			BSGDD0202	BSGDD0102	DUP-09/16/04	BSGDD0102_9/21/05	DUP 09/21/05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/30/02	09/16/04	09/16/04	09/21/05	09/21/05
Parameter	Units	Criteria*			Field Duplicate (1-1)		Field Duplicate (1-1)
Semivolatile Organic Compounds							
2-Nitrophenol	UG/L	1	0 U	NA	NA	NA	NA
3,3'-Dichlorobenzidine	UG/L	5	0 U	NA	NA	NA	NA
1,3-Dichlorobenzene	UG/L	3	0 U	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/L	1	0 U	NA	NA	NA	NA
4-Bromophenyl-phenylether	UG/L	50	0 U	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/L	3	0 U	NA	NA	NA	NA
4-Chlorophenyl-phenylether	UG/L	50	0 U	NA	NA	NA	NA
4-Chloro-3-methylphenol	UG/L	1	0 U	NA	NA	NA	NA
4-Nitrophenol	UG/L	1	0 U	NA	NA	NA	NA
Acenaphthene	UG/L	20 GV	26 J	94.2 J	67.4	7,100	19,000
Acenaphthylene	UG/L	NS	280	692	497	45,000	120,000
Anthracene	UG/L	50 GV	0 U	190 J	115	16,000	43,000
Benzidine	UG/L	5	0 U	NA	NA	NA	NA
Benzo(a)anthracene	UG/L	0.002 GV	0 U	122 J	70.2	11,000	31,000
Benzo(a)pyrene	UG/L	ND	0 U	128 J	69.9	11,000	30,000
Benzo(b)fluoranthene	UG/L	0.002 GV	0 U	54.3 J	31.6 J	8,700	21,000
Benzo(g,h,i)perylene	UG/L	NS	0 U	92.9 J	94.2	6,600	17,000
Benzo(k)fluoranthene	UG/L	0.002 GV	0 U	79.9 J	37.4 J	4,200	7,500
bis(2-Chloroisopropyl)ether	UG/L	5	0 U	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	UG/L	5	0 U	117 J	67.7	9,800	28,000
bis(2-Chloroethyl)ether	UG/L	1	0 U	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	UG/L	5	0 U	NA	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during laboratory review are shown.

Concentration Exceeds Criteria

NA - Not Analyzed

J - The reported concentration is an estimated value.

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Advanced Selection: Bedrock wells
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Detection Limits shown are PQL

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

Location ID			MW-02B	MW-02B	MW-02B	MW-02B	MW-02B
Sample ID			BSGDD0202	BSGDD0102	DUP-09/16/04	BSGDD0102_9/21/05	DUP 09/21/05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/30/02	09/16/04	09/16/04	09/21/05	09/21/05
Parameter	Units	Criteria*			Field Duplicate (1-1)		Field Duplicate (1-1)
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	0 U	NA	NA	NA	NA
Chrysene	UG/L	0.002 GV	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	UG/L	NS	0 U	243 U	13.3 J	1,000	2,500
Dibenzofuran	UG/L	NS	NA	NA	NA	NA	NA
Diethylphthalate	UG/L	50 GV	0 U	NA	NA	NA	NA
Dimethylphthalate	UG/L	50 GV	0 U	NA	NA	NA	NA
Di-n-butylphthalate	UG/L	50 GV	0 U	NA	NA	NA	NA
Hexachlorobutadiene	UG/L	0.5	0 U	NA	NA	NA	NA
Di-n-octylphthalate	UG/L	50	0 U	NA	NA	NA	NA
Fluoranthene	UG/L	50 GV	0 U	348	208	33,000	85,000
Fluorene	UG/L	50 GV	34 J	247	161	18,000	50,000
Hexachlorocyclopentadiene	UG/L	5	0 U	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	0 U	55.5 J	71.5	4,500	12,000
Isophorone	UG/L	50 GV	0 U	NA	NA	NA	NA
Naphthalene	UG/L	10 GV	3,000	4,130	4,030	150,000	380,000
N-Nitrosodimethylamine	UG/L	NS	0 U	NA	NA	NA	NA
N-Nitrosodiphenylamine	UG/L	50 GV	0 U	NA	NA	NA	NA
Phenanthrene	UG/L	50 GV	68 J	950	30 J	79,000	200,000
Phenol	UG/L	1	0 U	NA	NA	NA	NA
Pyrene	UG/L	50 GV	0 U	520	299	45,000	120,000
Total Polynuclear Aromatic Hydrocarbons	UG/L	-	3,578	8,259.8	6,252.5	440,100	1,138,000
Total Semivolatile Organic Compounds	UG/L	-	3,578	8,376.8	6,320.2	449,900	1,166,000

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during laboratory review are shown.

Concentration Exceeds Criteria

NA - Not Analyzed

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Advanced Selection: Bedrock wells
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Detection Limits shown are PQL

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

Location ID			MW-02B	MW-02B	MW-02B	MW-02B	MW-02B
Sample ID			BSGDD0202	BSGDD0102	DUP-09/16/04	BSGDD0102_9/21/05	DUP 09/21/05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/30/02	09/16/04	09/16/04	09/21/05	09/21/05
Parameter	**Units**	**Criteria***			Field Duplicate (1-1)		Field Duplicate (1-1)
Metals							
Aluminum	UG/L	NS	19,000	NA	NA	NA	NA
Antimony	UG/L	3	0 U	NA	NA	NA	NA
Arsenic	UG/L	25	0 U	NA	NA	NA	NA
Barium	UG/L	1000	670	NA	NA	NA	NA
Cadmium	UG/L	5	0 U	NA	NA	NA	NA
Chromium	UG/L	50	20	NA	NA	NA	NA
Copper	UG/L	200	49	NA	NA	NA	NA
Iron	UG/L	300	24,000	NA	NA	NA	NA
Lead	UG/L	25	38	NA	NA	NA	NA
Manganese	UG/L	300	380	NA	NA	NA	NA
Mercury	UG/L	0.7	0 U	NA	NA	NA	NA
Nickel	UG/L	100	0 U	NA	NA	NA	NA
Selenium	UG/L	10	0 U	NA	NA	NA	NA
Silver	UG/L	50	0 U	NA	NA	NA	NA
Vanadium	UG/L	NS	0 U	NA	NA	NA	NA
Zinc	UG/L	2000 GV	70	NA	NA	NA	NA
Miscellaneous Parameters							
Cyanide	UG/L	200	0 U	10 U	10 U	5 U	5 U
Free Cyanide	UG/L	NS	0 U	NA	NA	NA	NA
Phenolics, Total Recoverable	UG/L	1	36	106	118	12 U	12 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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Advanced Selection: Bedrock wells
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Detection Limits shown are PQL

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

Location ID			MW-02B	MW-03B	MW-03B	MW-03B	MW-03B
Sample ID			MW-2B(09/12/2006)	MW-3B 10/04/02	BSGDD0203	BSGDD0203_9/21/05	DUP20060912
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/12/06	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	1,600	64	6.59	310	640
Ethylbenzene	UG/L	5	1,400	1 U	0.317 J	97	430
Toluene	UG/L	5	2,400	4	0.768 J	50	160
Xylene (total)	UG/L	5	2,200	1 U	2 U	81	290
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	7,600	68	7.675	538	1,520
Semivolatile Organic Compounds							
2,4,6-Trichlorophenol	UG/L	1	NA	10 U	NA	NA	NA
2,4-Dinitrotoluene	UG/L	5	NA	10 U	NA	NA	NA
1,2-Diphenylhydrazine	UG/L	ND	NA	10 U	NA	NA	NA
Hexachlorobenzene	UG/L	0.04	NA	10 U	NA	NA	NA
Hexachloroethane	UG/L	5	NA	10 U	NA	NA	NA
Nitrobenzene	UG/L	0.4	NA	10 U	NA	NA	NA
1,2,4-Trichlorobenzene	UG/L	5	NA	10 U	NA	NA	NA
2,4-Dichlorophenol	UG/L	5	NA	10 U	NA	NA	NA
Pentachlorophenol	UG/L	1	NA	50 U	NA	NA	NA
2,4-Dimethylphenol	UG/L	50 GV	NA	10 U	NA	NA	NA
2,4-Dinitrophenol	UG/L	10 GV	NA	50 U	NA	NA	NA
1,2-Dichlorobenzene	UG/L	3	NA	10 U	NA	NA	NA
2,6-Dinitrotoluene	UG/L	5	NA	10 U	NA	NA	NA
2-Chloronaphthalene	UG/L	10	NA	10 U	NA	NA	NA
2-Chlorophenol	UG/L	1	NA	10 U	NA	NA	NA
2-Methylnaphthalene	UG/L	5	NA	10 U	9.52 U	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during laboratory review are shown.

Concentration Exceeds Criteria

NA - Not Analyzed

J - The reported concentration is an estimated value.

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Advanced Selection: Bedrock wells
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Detection Limits shown are PQL

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

Location ID			MW-02B	MW-03B	MW-03B	MW-03B	MW-03B
Sample ID			MW-2B(09/12/2006)	MW-3B 10/04/02	BSGDD0203	BSGDD0203_9/21/05	DUP20060912
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/12/06	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	NA	10 U	NA	NA	NA
3,3'-Dichlorobenzidine	UG/L	5	NA	20 U	NA	NA	NA
1,3-Dichlorobenzene	UG/L	3	NA	10 U	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/L	1	NA	50 U	NA	NA	NA
4-Bromophenyl-phenylether	UG/L	50	NA	10 U	NA	NA	NA
1,4-Dichlorobenzene	UG/L	3	NA	10 U	NA	NA	NA
4-Chlorophenyl-phenylether	UG/L	50	NA	10 U	NA	NA	NA
4-Chloro-3-methylphenol	UG/L	1	NA	10 U	NA	NA	NA
4-Nitrophenol	UG/L	1	NA	50 U	NA	NA	NA
Acenaphthene	UG/L	20 GV	90	10 U	9.52 U	23	37
Acenaphthylene	UG/L	NS	690	10 U	9.52 U	3 J	5
Anthracene	UG/L	50 GV	110	10 U	9.52 U	1 U	5 U
Benzidine	UG/L	5	NA	80 U	NA	NA	NA
Benzo(a)anthracene	UG/L	0.002 GV	68	10 U	9.52 U	1 U	5 U
Benzo(a)pyrene	UG/L	ND	72	10 U	9.52 U	1 U	5 U
Benzo(b)fluoranthene	UG/L	0.002 GV	53	10 U	9.52 U	1 U	5 U
Benzo(g,h,i)perylene	UG/L	NS	51	10 U	9.52 U	1 U	5 U
Benzo(k)fluoranthene	UG/L	0.002 GV	22	10 U	9.52 U	1 U	5 U
bis(2-Chloroisopropyl)ether	UG/L	5	NA	10 U	NA	NA	NA
bis(2-Chloroethoxy)methane	UG/L	5	NA	10 U	9.52 U	1 U	NA
bis(2-Chloroethyl)ether	UG/L	1	NA	10 U	NA	NA	NA
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	10 U	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during laboratory review are shown.

Concentration Exceeds Criteria

NA - Not Analyzed

J - The reported concentration is an estimated value.

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Advanced Selection: Bedrock wells
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Detection Limits shown are PQL

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

Location ID			MW-02B	MW-03B	MW-03B	MW-03B	MW-03B
Sample ID			MW-2B(09/12/2006)	MW-3B 10/04/02	BSGDD0203	BSGDD0203_9/21/05	DUP20060912
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/12/06	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	NA	10 U	NA	NA	NA
Chrysene	UG/L	0.002 GV	67	NA	NA	NA	5 U
Dibenz(a,h)anthracene	UG/L	NS	8	10 U	9.52 U	1 U	5 U
Dibenzofuran	UG/L	NS	NA	10 U	NA	NA	NA
Diethylphthalate	UG/L	50 GV	NA	10 U	NA	NA	NA
Dimethylphthalate	UG/L	50 GV	NA	10 U	NA	NA	NA
Di-n-butylphthalate	UG/L	50 GV	NA	10 U	NA	NA	NA
Hexachlorobutadiene	UG/L	0.5	NA	10 U	NA	NA	NA
Di-n-octylphthalate	UG/L	50	NA	10 U	NA	NA	NA
Fluoranthene	UG/L	50 GV	200	10 U	9.52 U	1 U	5 U
Fluorene	UG/L	50 GV	200	10 U	9.52 U	2 J	3 J
Hexachlorocyclopentadiene	UG/L	5	NA	10 U	NA	NA	NA
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	42	10 U	9.52 U	1 U	5 U
Isophorone	UG/L	50 GV	NA	10 U	NA	NA	NA
Naphthalene	UG/L	10 GV	6,000	10 U	9.52 U	440	1,300
N-Nitrosodimethylamine	UG/L	NS	NA	10 U	NA	NA	NA
N-Nitrosodiphenylamine	UG/L	50 GV	NA	10 U	NA	NA	NA
Phenanthrene	UG/L	50 GV	570	10 U	9.52 U	1 J	2 J
Phenol	UG/L	1	NA	10 U	NA	NA	NA
Pyrene	UG/L	50 GV	280	10 U	9.52 U	1 U	5 U
Total Polynuclear Aromatic Hydrocarbons	UG/L	-	8,523	ND	ND	469	1,347
Total Semivolatile Organic Compounds	UG/L	-	8,523	ND	ND	469	1,347

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during laboratory review are shown.

Concentration Exceeds Criteria

NA - Not Analyzed

J - The reported concentration is an estimated value.

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Advanced Selection: Bedrock wells
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Detection Limits shown are PQL

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

Location ID			MW-02B	MW-03B	MW-03B	MW-03B	MW-03B
Sample ID			MW-2B(09/12/2006)	MW-3B 10/04/02	BSGDD0203	BSGDD0203_9/21/05	DUP20060912
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/12/06	10/04/02	09/16/04	09/21/05	09/12/06
Parameter	**Units**	**Criteria***					Field Duplicate (1-1)
Metals							
Aluminum	UG/L	NS	NA	800	NA	NA	NA
Antimony	UG/L	3	NA	60 U	NA	NA	NA
Arsenic	UG/L	25	NA	5 U	NA	NA	NA
Barium	UG/L	1000	NA	10	NA	NA	NA
Cadmium	UG/L	5	NA	5 U	NA	NA	NA
Chromium	UG/L	50	NA	5 U	NA	NA	NA
Copper	UG/L	200	NA	5 U	NA	NA	NA
Iron	UG/L	300	NA	2,090	NA	NA	NA
Lead	UG/L	25	NA	5 U	NA	NA	NA
Manganese	UG/L	300	NA	30	NA	NA	NA
Mercury	UG/L	0.7	NA	0.4 U	NA	NA	NA
Nickel	UG/L	100	NA	50 U	NA	NA	NA
Selenium	UG/L	10	NA	5 U	NA	NA	NA
Silver	UG/L	50	NA	20 U	NA	NA	NA
Vanadium	UG/L	NS	NA	50 U	NA	NA	NA
Zinc	UG/L	2000 GV	NA	10 U	NA	NA	NA
Miscellaneous Parameters							
Cyanide	UG/L	200	10 U	110	10 U	5 U	10 U
Free Cyanide	UG/L	NS	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	UG/L	1	61	NA	23.4	27 J	35 J

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during laboratory review are shown.

Concentration Exceeds Criteria

NA - Not Analyzed

J - The reported concentration is an estimated value.

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Advanced Selection: Bedrock wells
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Detection Limits shown are PQL

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

Location ID			MW-03B	MW-06B	MW-06B	MW-06B	MW-06B
Sample ID			MW-3B(09/12/2006)	BSGDD026B	BSGDD0206	BSGDD0106	BSGDD0106_9/21/05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/12/06	01/28/02	01/30/02	09/16/04	09/21/05
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
Benzene	UG/L	1	640	1	NA	1.58	3 J
Ethylbenzene	UG/L	5	440	1 U	NA	1.71	22
Toluene	UG/L	5	160	1 U	NA	1.61	11
Xylene (total)	UG/L	5	290	1 U	NA	4.22	57
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	1,530	1	NA	9.12	93
Semivolatile Organic Compounds							
2,4,6-Trichlorophenol	UG/L	1	NA	10 U	NA	NA	NA
2,4-Dinitrotoluene	UG/L	5	NA	10 U	NA	NA	NA
1,2-Diphenylhydrazine	UG/L	ND	NA	10 U	NA	NA	NA
Hexachlorobenzene	UG/L	0.04	NA	10 U	NA	NA	NA
Hexachloroethane	UG/L	5	NA	10 U	NA	NA	NA
Nitrobenzene	UG/L	0.4	NA	10 U	NA	NA	NA
1,2,4-Trichlorobenzene	UG/L	5	NA	10 U	NA	NA	NA
2,4-Dichlorophenol	UG/L	5	NA	10 U	NA	NA	NA
Pentachlorophenol	UG/L	1	NA	50 U	NA	NA	NA
2,4-Dimethylphenol	UG/L	50 GV	NA	10 U	NA	NA	NA
2,4-Dinitrophenol	UG/L	10 GV	NA	50 U	NA	NA	NA
1,2-Dichlorobenzene	UG/L	3	NA	10 U	NA	NA	NA
2,6-Dinitrotoluene	UG/L	5	NA	10 U	NA	NA	NA
2-Chloronaphthalene	UG/L	10	NA	10 U	NA	NA	NA
2-Chlorophenol	UG/L	1	NA	10 U	NA	NA	NA
2-Methylnaphthalene	UG/L	5	NA	10 U	NA	5.51 J	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during laboratory review are shown.

Concentration Exceeds Criteria

NA - Not Analyzed

J - The reported concentration is an estimated value.

U - Not detected above the reported quantitation limit. 0 indicates PQL not available

Advanced Selection: Bedrock wells
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Detection Limits shown are PQL

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

Location ID			MW-03B	MW-06B	MW-06B	MW-06B	MW-06B
Sample ID			MW-3B(09/12/2006)	BSGDD026B	BSGDD0206	BSGDD0106	BSGDD0106_9/21/05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/12/06	01/28/02	01/30/02	09/16/04	09/21/05
Parameter	**Units**	**Criteria***					
Semivolatile Organic Compounds							
2-Nitrophenol	UG/L	1	NA	10 U	NA	NA	NA
3,3'-Dichlorobenzidine	UG/L	5	NA	20 U	NA	NA	NA
1,3-Dichlorobenzene	UG/L	3	NA	10 U	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/L	1	NA	50 U	NA	NA	NA
4-Bromophenyl-phenylether	UG/L	50	NA	10 U	NA	NA	NA
1,4-Dichlorobenzene	UG/L	3	NA	10 U	NA	NA	NA
4-Chlorophenyl-phenylether	UG/L	50	NA	10 U	NA	NA	NA
4-Chloro-3-methylphenol	UG/L	1	NA	10 U	NA	NA	NA
4-Nitrophenol	UG/L	1	NA	50 U	NA	NA	NA
Acenaphthene	UG/L	20 GV	37	10 U	NA	9.8 U	NA
Acenaphthylene	UG/L	NS	5	10 U	NA	4.89 J	NA
Anthracene	UG/L	50 GV	5 U	10 U	NA	9.8 U	NA
Benzidine	UG/L	5	NA	80 U	NA	NA	NA
Benzo(a)anthracene	UG/L	0.002 GV	5 U	10 U	NA	9.8 U	NA
Benzo(a)pyrene	UG/L	ND	5 U	10 U	NA	9.8 U	NA
Benzo(b)fluoranthene	UG/L	0.002 GV	5 U	10 U	NA	9.8 U	NA
Benzo(g,h,i)perylene	UG/L	NS	5 U	10 U	NA	9.8 U	NA
Benzo(k)fluoranthene	UG/L	0.002 GV	5 U	10 U	NA	9.8 U	NA
bis(2-Chloroisopropyl)ether	UG/L	5	NA	10 U	NA	NA	NA
bis(2-Chloroethoxy)methane	UG/L	5	NA	10 U	NA	9.8 U	NA
bis(2-Chloroethyl)ether	UG/L	1	NA	10 U	NA	NA	NA
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	10 U	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during laboratory review are shown.

Concentration Exceeds Criteria

NA - Not Analyzed

J - The reported concentration is an estimated value.

U - Not detected above the reported quantitation limit. 0 indicates PQL not available

Advanced Selection: Bedrock wells
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Detection Limits shown are PQL

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

Location ID			MW-03B	MW-06B	MW-06B	MW-06B	MW-06B
Sample ID			MW-3B(09/12/2006)	BSGDD026B	BSGDD0206	BSGDD0106	BSGDD0106_9/21/05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/12/06	01/28/02	01/30/02	09/16/04	09/21/05
Parameter	**Units**	**Criteria***					
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	NA	10 U	NA	NA	NA
Chrysene	UG/L	0.002 GV	5 U	NA	NA	NA	NA
Dibenz(a,h)anthracene	UG/L	NS	5 U	10 U	NA	9.8 U	NA
Dibenzofuran	UG/L	NS	NA	NA	NA	NA	NA
Diethylphthalate	UG/L	50 GV	NA	10 U	NA	NA	NA
Dimethylphthalate	UG/L	50 GV	NA	10 U	NA	NA	NA
Di-n-butylphthalate	UG/L	50 GV	NA	10 U	NA	NA	NA
Hexachlorobutadiene	UG/L	0.5	NA	10 U	NA	NA	NA
Di-n-octylphthalate	UG/L	50	NA	10 U	NA	NA	NA
Fluoranthene	UG/L	50 GV	5 U	10 U	NA	9.8 U	NA
Fluorene	UG/L	50 GV	3 J	10 U	NA	9.8 U	NA
Hexachlorocyclopentadiene	UG/L	5	NA	10 U	NA	NA	NA
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	5 U	10 U	NA	9.8 U	NA
Isophorone	UG/L	50 GV	NA	10 U	NA	NA	NA
Naphthalene	UG/L	10 GV	1,200	10 U	NA	11.1	NA
N-Nitrosodimethylamine	UG/L	NS	NA	10 U	NA	NA	NA
N-Nitrosodiphenylamine	UG/L	50 GV	NA	10 U	NA	NA	NA
Phenanthrene	UG/L	50 GV	2 J	10 U	NA	2.79 J	NA
Phenol	UG/L	1	NA	68	NA	NA	NA
Pyrene	UG/L	50 GV	5 U	10 U	NA	9.8 U	NA
Total Polynuclear Aromatic Hydrocarbons	UG/L	-	1,247	ND	NA	24.29	NA
Total Semivolatile Organic Compounds	UG/L	-	1,247	68	NA	24.29	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, 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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Advanced Selection: Bedrock wells
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Detection Limits shown are PQL

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

Location ID			MW-03B	MW-06B	MW-06B	MW-06B	MW-06B
Sample ID			MW-3B(09/12/2006)	BSGDD026B	BSGDD0206	BSGDD0106	BSGDD0106_9/21/05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/12/06	01/28/02	01/30/02	09/16/04	09/21/05
Parameter	**Units**	**Criteria***					
Metals							
Aluminum	UG/L	NS	NA	800	NA	NA	NA
Antimony	UG/L	3	NA	60 U	NA	NA	NA
Arsenic	UG/L	25	NA	5 U	NA	NA	NA
Barium	UG/L	1000	NA	110	NA	NA	NA
Cadmium	UG/L	5	NA	5 U	NA	NA	NA
Chromium	UG/L	50	NA	5 U	NA	NA	NA
Copper	UG/L	200	NA	29	NA	NA	NA
Iron	UG/L	300	NA	150	NA	NA	NA
Lead	UG/L	25	NA	5 U	NA	NA	NA
Manganese	UG/L	300	NA	20 U	NA	NA	NA
Mercury	UG/L	0.7	NA	0.4 U	NA	NA	NA
Nickel	UG/L	100	NA	50 U	NA	NA	NA
Selenium	UG/L	10	NA	5 U	NA	NA	NA
Silver	UG/L	50	NA	20 U	NA	NA	NA
Vanadium	UG/L	NS	NA	50 U	NA	NA	NA
Zinc	UG/L	2000 GV	NA	10 U	NA	NA	NA
Miscellaneous Parameters							
Cyanide	UG/L	200	10 U	10 U	NA	10 U	5 U
Free Cyanide	UG/L	NS	NA	10 U	NA	NA	NA
Phenolics, Total Recoverable	UG/L	1	41	NA	234	42.5	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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Advanced Selection: Bedrock wells
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APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-06B	MW-07BD	MW-07BD	MW-07BD	MW-07BD
Sample ID			MW-6B(09/12/2006)	BSGDD0207	BSGDD0107	BSGDD0107_9/21/05	MW-7BD(09/12/2006)
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/12/06	01/30/02	09/16/04	09/21/05	09/12/06
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
Benzene	UG/L	1	2 J	1,300	464	830	1,100
Ethylbenzene	UG/L	5	1 J	930	279	980	780
Toluene	UG/L	5	3 J	1,900	581	1,300	1,400
Xylene (total)	UG/L	5	7	2,300	855	2,100	1,700
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	13	6,430	2,179	5,210	4,980
Semivolatile Organic Compounds							
2,4,6-Trichlorophenol	UG/L	1	NA	0 U	NA	NA	NA
2,4-Dinitrotoluene	UG/L	5	NA	0 U	NA	NA	NA
1,2-Diphenylhydrazine	UG/L	ND	NA	0 U	NA	NA	NA
Hexachlorobenzene	UG/L	0.04	NA	0 U	NA	NA	NA
Hexachloroethane	UG/L	5	NA	0 U	NA	NA	NA
Nitrobenzene	UG/L	0.4	NA	0 U	NA	NA	NA
1,2,4-Trichlorobenzene	UG/L	5	NA	0 U	NA	NA	NA
2,4-Dichlorophenol	UG/L	5	NA	0 U	NA	NA	NA
Pentachlorophenol	UG/L	1	NA	0 U	NA	NA	NA
2,4-Dimethylphenol	UG/L	50 GV	NA	0 U	NA	NA	NA
2,4-Dinitrophenol	UG/L	10 GV	NA	0 U	NA	NA	NA
1,2-Dichlorobenzene	UG/L	3	NA	0 U	NA	NA	NA
2,6-Dinitrotoluene	UG/L	5	NA	0 U	NA	NA	NA
2-Chloronaphthalene	UG/L	10	NA	0 U	NA	NA	NA
2-Chlorophenol	UG/L	1	NA	0 U	NA	NA	NA
2-Methylnaphthalene	UG/L	5	NA	640	222 J	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during laboratory review are shown.

Concentration Exceeds Criteria

NA - Not Analyzed

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Advanced Selection: Bedrock wells
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APPENDIX C
SUMMARY OF HISTORIC BEDROCK GROUNDWATER ANALYTICAL DATA
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-06B	MW-07BD	MW-07BD	MW-07BD	MW-07BD
Sample ID			MW-6B(09/12/2006)	BSGDD0207	BSGDD0107	BSGDD0107_9/21/05	MW-7BD(09/12/2006)
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/12/06	01/30/02	09/16/04	09/21/05	09/12/06
Parameter	**Units**	**Criteria***					
Semivolatile Organic Compounds							
2-Nitrophenol	UG/L	1	NA	0 U	NA	NA	NA
3,3'-Dichlorobenzidine	UG/L	5	NA	0 U	NA	NA	NA
1,3-Dichlorobenzene	UG/L	3	NA	0 U	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/L	1	NA	0 U	NA	NA	NA
4-Bromophenyl-phenylether	UG/L	50	NA	0 U	NA	NA	NA
1,4-Dichlorobenzene	UG/L	3	NA	0 U	NA	NA	NA
4-Chlorophenyl-phenylether	UG/L	50	NA	0 U	NA	NA	NA
4-Chloro-3-methylphenol	UG/L	1	NA	0 U	NA	NA	NA
4-Nitrophenol	UG/L	1	NA	0 U	NA	NA	NA
Acenaphthene	UG/L	20 GV	57	160 J	39.4	NA	530
Acenaphthylene	UG/L	NS	310	920	230 J	NA	2,700
Anthracene	UG/L	50 GV	250	240 J	26.6	NA	840
Benzidine	UG/L	5	NA	0 U	NA	NA	NA
Benzo(a)anthracene	UG/L	0.002 GV	280	100 J	11.9	NA	610
Benzo(a)pyrene	UG/L	ND	310	40 J	10.6	NA	630
Benzo(b)fluoranthene	UG/L	0.002 GV	220	44 J	4.94 J	NA	470
Benzo(g,h,i)perylene	UG/L	NS	230	0 U	8.08 J	NA	400
Benzo(k)fluoranthene	UG/L	0.002 GV	84	48 J	5.8 J	NA	200
bis(2-Chloroisopropyl)ether	UG/L	5	NA	0 U	NA	NA	NA
bis(2-Chloroethoxy)methane	UG/L	5	NA	100 J	11.2	NA	NA
bis(2-Chloroethyl)ether	UG/L	1	NA	0 U	NA	NA	NA
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	44 J	NA	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during laboratory review are shown.

Concentration Exceeds Criteria

NA - Not Analyzed

J - The reported concentration is an estimated value.

U - Not detected above the reported quantitation limit. 0 indicates PQL not available

Advanced Selection: Bedrock wells
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Detection Limits shown are PQL

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

Location ID			MW-06B	MW-07BD	MW-07BD	MW-07BD	MW-07BD
Sample ID			MW-6B(09/12/2006)	BSGDD0207	BSGDD0107	BSGDD0107_9/21/05	MW-7BD(09/12/2006)
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/12/06	01/30/02	09/16/04	09/21/05	09/12/06
Parameter	**Units**	**Criteria***					
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	NA	0 U	NA	NA	NA
Chrysene	UG/L	0.002 GV	270	NA	NA	NA	570
Dibenz(a,h)anthracene	UG/L	NS	5	0 U	1.31 J	NA	64
Dibenzofuran	UG/L	NS	NA	NA	NA	NA	NA
Diethylphthalate	UG/L	50 GV	NA	0 U	NA	NA	NA
Dimethylphthalate	UG/L	50 GV	NA	0 U	NA	NA	NA
Di-n-butylphthalate	UG/L	50 GV	NA	0 U	NA	NA	NA
Hexachlorobutadiene	UG/L	0.5	NA	0 U	NA	NA	NA
Di-n-octylphthalate	UG/L	50	NA	0 U	NA	NA	NA
Fluoranthene	UG/L	50 GV	600	300 J	46.9	NA	2,000
Fluorene	UG/L	50 GV	180	300 J	62.6	NA	1,100
Hexachlorocyclopentadiene	UG/L	5	NA	0 U	NA	NA	NA
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	190	0 U	12.4	NA	330
Isophorone	UG/L	50 GV	NA	0 U	NA	NA	NA
Naphthalene	UG/L	10 GV	120	6,400	2,420	NA	13,000
N-Nitrosodimethylamine	UG/L	NS	NA	0 U	NA	NA	NA
N-Nitrosodiphenylamine	UG/L	50 GV	NA	0 U	NA	NA	NA
Phenanthrene	UG/L	50 GV	860	1,000	6.06 J	NA	4,800
Phenol	UG/L	1	NA	0 U	NA	NA	NA
Pyrene	UG/L	50 GV	820	560	56	NA	2,800
Total Polynuclear Aromatic Hydrocarbons	UG/L	-	4,786	10,752	3,164.59	NA	31,044
Total Semivolatile Organic Compounds	UG/L	-	4,786	10,896	3,175.79	NA	31,044

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during laboratory review are shown.

Concentration Exceeds Criteria

NA - Not Analyzed

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Advanced Selection: Bedrock wells
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Detection Limits shown are PQL

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

Location ID			MW-06B	MW-07BD	MW-07BD	MW-07BD	MW-07BD
Sample ID			MW-6B(09/12/2006)	BSGDD0207	BSGDD0107	BSGDD0107_9/21/05	MW-7BD(09/12/2006)
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/12/06	01/30/02	09/16/04	09/21/05	09/12/06
Parameter	**Units**	**Criteria***					
Metals							
Aluminum	UG/L	NS	NA	5,400	NA	NA	NA
Antimony	UG/L	3	NA	0 U	NA	NA	NA
Arsenic	UG/L	25	NA	0 U	NA	NA	NA
Barium	UG/L	1000	NA	120	NA	NA	NA
Cadmium	UG/L	5	NA	0 U	NA	NA	NA
Chromium	UG/L	50	NA	0 U	NA	NA	NA
Copper	UG/L	200	NA	34	NA	NA	NA
Iron	UG/L	300	NA	128,000	NA	NA	NA
Lead	UG/L	25	NA	0 U	NA	NA	NA
Manganese	UG/L	300	NA	1,440	NA	NA	NA
Mercury	UG/L	0.7	NA	0 U	NA	NA	NA
Nickel	UG/L	100	NA	0 U	NA	NA	NA
Selenium	UG/L	10	NA	0 U	NA	NA	NA
Silver	UG/L	50	NA	0 U	NA	NA	NA
Vanadium	UG/L	NS	NA	0 U	NA	NA	NA
Zinc	UG/L	2000 GV	NA	4,140	NA	NA	NA
Miscellaneous Parameters							
Cyanide	UG/L	200	10 U	0 U	10 U	5 U	10 U
Free Cyanide	UG/L	NS	NA	0 U	NA	NA	NA
Phenolics, Total Recoverable	UG/L	1	27 J	207	31.1	NA	300

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during laboratory review are shown.

Concentration Exceeds Criteria

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Advanced Selection: Bedrock wells
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Detection Limits shown are PQL

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

Location ID			MW-07BS	MW-07BS	MW-07BS	MW-07BS	MW-07DD
Sample ID			BSGDIM0207	BSGDIM0107	BSGDIM0107_9/21/05	MW-7BS(09/12/2006)	MW-7DD 10/16/02
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/29/02	09/16/04	09/21/05	09/12/06	10/16/02
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
Benzene	UG/L	1	86	29.1	35	64	0.5 U
Ethylbenzene	UG/L	5	79	20.8	18	21	1 U
Toluene	UG/L	5	45	6.1	5 J	8	1 U
Xylene (total)	UG/L	5	111	19.6	17	17	1 U
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	321	75.6	75	110	ND
Semivolatile Organic Compounds							
2,4,6-Trichlorophenol	UG/L	1	10 U	NA	NA	NA	10 U
2,4-Dinitrotoluene	UG/L	5	10 U	NA	NA	NA	10 U
1,2-Diphenylhydrazine	UG/L	ND	10 U	NA	NA	NA	10 U
Hexachlorobenzene	UG/L	0.04	10 U	NA	NA	NA	10 U
Hexachloroethane	UG/L	5	10 U	NA	NA	NA	10 U
Nitrobenzene	UG/L	0.4	10 U	NA	NA	NA	10 U
1,2,4-Trichlorobenzene	UG/L	5	10 U	NA	NA	NA	10 U
2,4-Dichlorophenol	UG/L	5	10 U	NA	NA	NA	10 U
Pentachlorophenol	UG/L	1	50 U	NA	NA	NA	50 U
2,4-Dimethylphenol	UG/L	50 GV	10 U	NA	NA	NA	10 U
2,4-Dinitrophenol	UG/L	10 GV	50 U	NA	NA	NA	50 U
1,2-Dichlorobenzene	UG/L	3	10 U	NA	NA	NA	10 U
2,6-Dinitrotoluene	UG/L	5	10 U	NA	NA	NA	10 U
2-Chloronaphthalene	UG/L	10	10 U	NA	NA	NA	10 U
2-Chlorophenol	UG/L	1	10 U	NA	NA	NA	10 U
2-Methylnaphthalene	UG/L	5	69	13.1	NA	NA	10 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during laboratory review are shown.

Concentration Exceeds Criteria

NA - Not Analyzed

J - The reported concentration is an estimated value.

U - Not detected above the reported quantitation limit. 0 indicates PQL not available

Advanced Selection: Bedrock wells
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Detection Limits shown are PQL

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

Location ID			MW-07BS	MW-07BS	MW-07BS	MW-07BS	MW-07DD
Sample ID			BSGDIM0207	BSGDIM0107	BSGDIM0107_9/21/05	MW-7BS(09/12/2006)	MW-7DD 10/16/02
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/29/02	09/16/04	09/21/05	09/12/06	10/16/02
Parameter	**Units**	**Criteria***					
Semivolatile Organic Compounds							
2-Nitrophenol	UG/L	1	10 U	NA	NA	NA	10 U
3,3'-Dichlorobenzidine	UG/L	5	20 U	NA	NA	NA	20 U
1,3-Dichlorobenzene	UG/L	3	10 U	NA	NA	NA	10 U
4,6-Dinitro-2-methylphenol	UG/L	1	50 U	NA	NA	NA	50 U
4-Bromophenyl-phenylether	UG/L	50	10 U	NA	NA	NA	10 U
1,4-Dichlorobenzene	UG/L	3	10 U	NA	NA	NA	10 U
4-Chlorophenyl-phenylether	UG/L	50	10 U	NA	NA	NA	10 U
4-Chloro-3-methylphenol	UG/L	1	10 U	NA	NA	NA	10 U
4-Nitrophenol	UG/L	1	50 U	NA	NA	NA	50 U
Acenaphthene	UG/L	20 GV	114	66	130	59	10 U
Acenaphthylene	UG/L	NS	35	21.8	39	24	10 U
Anthracene	UG/L	50 GV	23	8.3 J	25	10	10 U
Benzidine	UG/L	5	80 U	NA	NA	NA	80 U
Benzo(a)anthracene	UG/L	0.002 GV	10 U	1.29 J	11	5 U	10 U
Benzo(a)pyrene	UG/L	ND	10 U	0.982 J	13	5 U	10 U
Benzo(b)fluoranthene	UG/L	0.002 GV	10 U	9.52 U	11	5 U	10 U
Benzo(g,h,i)perylene	UG/L	NS	10 U	9.52 U	9	5 U	10 U
Benzo(k)fluoranthene	UG/L	0.002 GV	10 U	9.52 U	4 J	5 U	10 U
bis(2-Chloroisopropyl)ether	UG/L	5	10 U	NA	NA	NA	10 U
bis(2-Chloroethoxy)methane	UG/L	5	10 U	1.2 J	11	NA	10 U
bis(2-Chloroethyl)ether	UG/L	1	10 U	NA	NA	NA	10 U
bis(2-Ethylhexyl)phthalate	UG/L	5	10 U	NA	NA	NA	10 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during laboratory review are shown.

Concentration Exceeds Criteria

NA - Not Analyzed

J - The reported concentration is an estimated value.

U - Not detected above the reported quantitation limit. 0 indicates PQL not available

Advanced Selection: Bedrock wells
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Detection Limits shown are PQL

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

Location ID			MW-07BS	MW-07BS	MW-07BS	MW-07BS	MW-07DD
Sample ID			BSGDIM0207	BSGDIM0107	BSGDIM0107_9/21/05	MW-7BS(09/12/2006)	MW-7DD 10/16/02
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/29/02	09/16/04	09/21/05	09/12/06	10/16/02
Parameter	**Units**	**Criteria***					
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	10 U	NA	NA	NA	10 U
Chrysene	UG/L	0.002 GV	NA	NA	NA	5 U	NA
Dibenz(a,h)anthracene	UG/L	NS	10 U	9.52 U	1 U	5 U	10 U
Dibenzofuran	UG/L	NS	2.9 J	NA	NA	NA	10 U
Diethylphthalate	UG/L	50 GV	10 U	NA	NA	NA	10 U
Dimethylphthalate	UG/L	50 GV	10 U	NA	NA	NA	10 U
Di-n-butylphthalate	UG/L	50 GV	10 U	NA	NA	NA	10 U
Hexachlorobutadiene	UG/L	0.5	10 U	NA	NA	NA	10 U
Di-n-octylphthalate	UG/L	50	10 U	NA	NA	NA	10 U
Fluoranthene	UG/L	50 GV	6 J	8.69 J	44	8	10 U
Fluorene	UG/L	50 GV	33	17.7	40	19	10 U
Hexachlorocyclopentadiene	UG/L	5	10 U	NA	NA	NA	10 U
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	10 U	9.52 U	6	5 U	10 U
Isophorone	UG/L	50 GV	10 U	NA	NA	NA	10 U
Naphthalene	UG/L	10 GV	380	147	150	71	10 U
N-Nitrosodimethylamine	UG/L	NS	10 U	NA	NA	NA	10 U
N-Nitrosodiphenylamine	UG/L	50 GV	10 U	NA	NA	NA	10 U
Phenanthrene	UG/L	50 GV	61	52.9	140	51	10 U
Phenol	UG/L	1	10 U	NA	NA	NA	140
Pyrene	UG/L	50 GV	6 J	11	56	9	10 U
Total Polynuclear Aromatic Hydrocarbons	UG/L	-	729.9	348.762	678	251	ND
Total Semivolatile Organic Compounds	UG/L	-	729.9	349.962	689	251	140

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during laboratory review are shown.

Concentration Exceeds Criteria

NA - Not Analyzed

J - The reported concentration is an estimated value.

U - Not detected above the reported quantitation limit. 0 indicates PQL not available

Advanced Selection: Bedrock wells
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Detection Limits shown are PQL

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

Location ID			MW-07BS	MW-07BS	MW-07BS	MW-07BS	MW-07DD
Sample ID			BSGDIM0207	BSGDIM0107	BSGDIM0107_9/21/05	MW-7BS(09/12/2006)	MW-7DD 10/16/02
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/29/02	09/16/04	09/21/05	09/12/06	10/16/02
Parameter	**Units**	**Criteria***					
Metals							
Aluminum	UG/L	NS	100 U	NA	NA	NA	1,500
Antimony	UG/L	3	60 U	NA	NA	NA	60 U
Arsenic	UG/L	25	6	NA	NA	NA	5 U
Barium	UG/L	1000	30	NA	NA	NA	10 U
Cadmium	UG/L	5	5 U	NA	NA	NA	5 U
Chromium	UG/L	50	5 U	NA	NA	NA	46
Copper	UG/L	200	5 U	NA	NA	NA	14
Iron	UG/L	300	190	NA	NA	NA	250
Lead	UG/L	25	5 U	NA	NA	NA	5 U
Manganese	UG/L	300	160	NA	NA	NA	20 U
Mercury	UG/L	0.7	0.4 U	NA	NA	NA	0.4 U
Nickel	UG/L	100	50 U	NA	NA	NA	50 U
Selenium	UG/L	10	5 U	NA	NA	NA	5 U
Silver	UG/L	50	20 U	NA	NA	NA	20 U
Vanadium	UG/L	NS	50 U	NA	NA	NA	50 U
Zinc	UG/L	2000 GV	10 U	NA	NA	NA	10 U
Miscellaneous Parameters							
Cyanide	UG/L	200	40	7.97 J	5 U	10 U	20
Free Cyanide	UG/L	NS	10 U	NA	NA	NA	NA
Phenolics, Total Recoverable	UG/L	1	28	167	12 U	40 U	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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Advanced Selection: Bedrock wells
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Detection Limits shown are PQL

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

Location ID			MW-08B	MW-08BD	MW-09B	MW-09B	MW-09B
Sample ID			MW-8BS	BSGDD0208	BSGDD0209	BSGDD0109	BSGDD0109_9/21/05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			12/28/01	02/27/02	01/30/02	09/16/04	09/21/05
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
Benzene	UG/L	1	0.5 U	0.5 U	3	0.434 J	0.5 U
Ethylbenzene	UG/L	5	1 U	1 U	0 U	1 U	0.8 U
Toluene	UG/L	5	1 U	1 U	0 U	0.357 J	0.7 U
Xylene (total)	UG/L	5	1 U	1 U	8	2 U	0.8 U
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	ND	ND	11	0.791	ND
Semivolatile Organic Compounds							
2,4,6-Trichlorophenol	UG/L	1	10 U	17 U	0 U	NA	NA
2,4-Dinitrotoluene	UG/L	5	10 U	17 U	0 U	NA	NA
1,2-Diphenylhydrazine	UG/L	ND	10 U	17 U	0 U	NA	NA
Hexachlorobenzene	UG/L	0.04	10 U	17 U	0 U	NA	NA
Hexachloroethane	UG/L	5	10 U	17 U	0 U	NA	NA
Nitrobenzene	UG/L	0.4	10 U	17 U	0 U	NA	NA
1,2,4-Trichlorobenzene	UG/L	5	10 U	17 U	0 U	NA	NA
2,4-Dichlorophenol	UG/L	5	10 U	17 U	0 U	NA	NA
Pentachlorophenol	UG/L	1	50 U	83 U	0 U	NA	NA
2,4-Dimethylphenol	UG/L	50 GV	10 U	17 U	0 U	NA	NA
2,4-Dinitrophenol	UG/L	10 GV	50 U	83 U	0 U	NA	NA
1,2-Dichlorobenzene	UG/L	3	10 U	17 U	0 U	NA	NA
2,6-Dinitrotoluene	UG/L	5	10 U	17 U	0 U	NA	NA
2-Chloronaphthalene	UG/L	10	10 U	17 U	0 U	NA	NA
2-Chlorophenol	UG/L	1	10 U	17 U	0 U	NA	NA
2-Methylnaphthalene	UG/L	5	10 U	17 U	0 U	9.62 U	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during laboratory review are shown.

Concentration Exceeds Criteria

NA - Not Analyzed

J - The reported concentration is an estimated value.

U - Not detected above the reported quantitation limit. 0 indicates PQL not available

Advanced Selection: Bedrock wells
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Detection Limits shown are PQL

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

Location ID			MW-08B	MW-08BD	MW-09B	MW-09B	MW-09B
Sample ID			MW-8BS	BSGDD0208	BSGDD0209	BSGDD0109	BSGDD0109_9/21/05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			12/28/01	02/27/02	01/30/02	09/16/04	09/21/05
Parameter	**Units**	**Criteria***					
Semivolatile Organic Compounds							
2-Nitrophenol	UG/L	1	10 U	17 U	0 U	NA	NA
3,3'-Dichlorobenzidine	UG/L	5	20 U	33 U	0 U	NA	NA
1,3-Dichlorobenzene	UG/L	3	10 U	17 U	0 U	NA	NA
4,6-Dinitro-2-methylphenol	UG/L	1	50 U	83 U	0 U	NA	NA
4-Bromophenyl-phenylether	UG/L	50	10 U	17 U	0 U	NA	NA
1,4-Dichlorobenzene	UG/L	3	10 U	17 U	0 U	NA	NA
4-Chlorophenyl-phenylether	UG/L	50	10 U	17 U	0 U	NA	NA
4-Chloro-3-methylphenol	UG/L	1	10 U	17 U	0 U	NA	NA
4-Nitrophenol	UG/L	1	50 U	83 U	0 U	NA	NA
Acenaphthene	UG/L	20 GV	10 U	17 U	0 U	9.62 U	NA
Acenaphthylene	UG/L	NS	10 U	17 U	0 U	1.87 J	NA
Anthracene	UG/L	50 GV	10 U	17 U	0 U	9.62 U	NA
Benzidine	UG/L	5	80 U	130 U	0 U	NA	NA
Benzo(a)anthracene	UG/L	0.002 GV	10 U	17 U	0 U	9.62 U	NA
Benzo(a)pyrene	UG/L	ND	10 U	17 U	0 U	9.62 U	NA
Benzo(b)fluoranthene	UG/L	0.002 GV	10 U	17 U	0 U	9.62 U	NA
Benzo(g,h,i)perylene	UG/L	NS	10 U	17 U	0 U	9.62 U	NA
Benzo(k)fluoranthene	UG/L	0.002 GV	10 U	17 U	0 U	9.62 U	NA
bis(2-Chloroisopropyl)ether	UG/L	5	10 U	17 U	0 U	NA	NA
bis(2-Chloroethoxy)methane	UG/L	5	10 U	17 U	0 U	9.62 U	NA
bis(2-Chloroethyl)ether	UG/L	1	10 U	17 U	0 U	NA	NA
bis(2-Ethylhexyl)phthalate	UG/L	5	10 U	17 U	0 U	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during laboratory review are shown.

Concentration Exceeds Criteria

NA - Not Analyzed

J - The reported concentration is an estimated value.

U - Not detected above the reported quantitation limit. 0 indicates PQL not available

Advanced Selection: Bedrock wells
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Detection Limits shown are PQL

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

Location ID			MW-08B	MW-08BD	MW-09B	MW-09B	MW-09B
Sample ID			MW-8BS	BSGDD0208	BSGDD0209	BSGDD0109	BSGDD0109_9/21/05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			12/28/01	02/27/02	01/30/02	09/16/04	09/21/05
Parameter	**Units**	**Criteria***					
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	10 U	17 U	0 U	NA	NA
Chrysene	UG/L	0.002 GV	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	UG/L	NS	10 U	17 U	0 U	9.62 U	NA
Dibenzofuran	UG/L	NS	NA	NA	NA	NA	NA
Diethylphthalate	UG/L	50 GV	10 U	17 U	0 U	NA	NA
Dimethylphthalate	UG/L	50 GV	10 U	17 U	0 U	NA	NA
Di-n-butylphthalate	UG/L	50 GV	10 U	17 U	0 U	NA	NA
Hexachlorobutadiene	UG/L	0.5	10 U	17 U	0 U	NA	NA
Di-n-octylphthalate	UG/L	50	10 U	17 U	0 U	NA	NA
Fluoranthene	UG/L	50 GV	10 U	17 U	0 U	9.62 U	NA
Fluorene	UG/L	50 GV	10 U	17 U	0 U	9.62 U	NA
Hexachlorocyclopentadiene	UG/L	5	10 U	17 U	0 U	NA	NA
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	10 U	17 U	0 U	9.62 U	NA
Isophorone	UG/L	50 GV	10 U	17 U	0 U	NA	NA
Naphthalene	UG/L	10 GV	10 U	17 U	4.5 J	9.62 U	NA
N-Nitrosodimethylamine	UG/L	NS	10 U	17 U	0 U	NA	NA
N-Nitrosodiphenylamine	UG/L	50 GV	10 U	17 U	0 U	NA	NA
Phenanthrene	UG/L	50 GV	10 U	17 U	0 U	9.62 U	NA
Phenol	UG/L	1	10 U	17 U	42	NA	NA
Pyrene	UG/L	50 GV	10 U	17 U	0 U	9.62 U	NA
Total Polynuclear Aromatic Hydrocarbons	UG/L	-	ND	ND	4.5	1.87	NA
Total Semivolatile Organic Compounds	UG/L	-	ND	ND	46.5	1.87	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during laboratory review are shown.

Concentration Exceeds Criteria

NA - Not Analyzed

J - The reported concentration is an estimated value.

U - Not detected above the reported quantitation limit. 0 indicates PQL not available

Advanced Selection: Bedrock wells
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Detection Limits shown are PQL

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

Location ID			MW-08B	MW-08BD	MW-09B	MW-09B	MW-09B
Sample ID			MW-8BS	BSGDD0208	BSGDD0209	BSGDD0109	BSGDD0109_9/21/05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			12/28/01	02/27/02	01/30/02	09/16/04	09/21/05
Parameter	**Units**	**Criteria***					
Metals							
Aluminum	UG/L	NS	700	NA	2,000	NA	NA
Antimony	UG/L	3	60 U	NA	0 U	NA	NA
Arsenic	UG/L	25	5 U	NA	0 U	NA	NA
Barium	UG/L	1000	90	NA	20	NA	NA
Cadmium	UG/L	5	5 U	NA	0 U	NA	NA
Chromium	UG/L	50	5 U	NA	11	NA	NA
Copper	UG/L	200	50 U	NA	29	NA	NA
Iron	UG/L	300	490	NA	3,340	NA	NA
Lead	UG/L	25	5 U	NA	0 U	NA	NA
Manganese	UG/L	300	20 U	NA	80	NA	NA
Mercury	UG/L	0.7	0.4 U	NA	0 U	NA	NA
Nickel	UG/L	100	50 U	NA	0 U	NA	NA
Selenium	UG/L	10	5 U	NA	0 U	NA	NA
Silver	UG/L	50	20 U	NA	0 U	NA	NA
Vanadium	UG/L	NS	50 U	NA	0 U	NA	NA
Zinc	UG/L	2000 GV	10 U	NA	80	NA	NA
Miscellaneous Parameters							
Cyanide	UG/L	200	10 U	NA	130	10 U	NA
Free Cyanide	UG/L	NS	10 U	NA	130	NA	NA
Phenolics, Total Recoverable	UG/L	1	2 U	7	123	3.72 J	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during laboratory review are shown.

Concentration Exceeds Criteria

NA - Not Analyzed

J - The reported concentration is an estimated value.

U - Not detected above the reported quantitation limit. 0 indicates PQL not available

Advanced Selection: Bedrock wells
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Detection Limits shown are PQL

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

Location ID			MW-09B	MW-10B	MW-10B	MW-10B	MW-10B
Sample ID			MW-9B(09/12/2006)	DUP-10/04/02	MW-10B 10/04/02	BSGDD0210	BSGDD0210_9/21/05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/12/06	10/04/02	10/04/02	09/16/04	09/21/05
Parameter	**Units**	**Criteria***		Field Duplicate (1-1)			
Volatile Organic Compounds							
Benzene	UG/L	1	5 U	6	6 U	1.68	2 J
Ethylbenzene	UG/L	5	5 U	1 U	1 U	0.292 J	0.8 U
Toluene	UG/L	5	5 U	1 U	1 U	0.475 J	0.7 U
Xylene (total)	UG/L	5	5 U	1 U	1 U	2 U	0.8 U
Total Benzene, Toluene, Ethylbenzene, & Xylenes	UG/L	-	ND	6	ND	2.447	2
Semivolatile Organic Compounds							
2,4,6-Trichlorophenol	UG/L	1	NA	10 U	10 U	NA	NA
2,4-Dinitrotoluene	UG/L	5	NA	10 U	10 U	NA	NA
1,2-Diphenylhydrazine	UG/L	ND	NA	10 U	10 U	NA	NA
Hexachlorobenzene	UG/L	0.04	NA	10 U	10 U	NA	NA
Hexachloroethane	UG/L	5	NA	10 U	10 U	NA	NA
Nitrobenzene	UG/L	0.4	NA	10 U	10 U	NA	NA
1,2,4-Trichlorobenzene	UG/L	5	NA	10 U	10 U	NA	NA
2,4-Dichlorophenol	UG/L	5	NA	10 U	10 U	NA	NA
Pentachlorophenol	UG/L	1	NA	50 U	50 U	NA	NA
2,4-Dimethylphenol	UG/L	50 GV	NA	10 U	10 U	NA	NA
2,4-Dinitrophenol	UG/L	10 GV	NA	50 U	50 U	NA	NA
1,2-Dichlorobenzene	UG/L	3	NA	10 U	10 U	NA	NA
2,6-Dinitrotoluene	UG/L	5	NA	10 U	10 U	NA	NA
2-Chloronaphthalene	UG/L	10	NA	10 U	10 U	NA	NA
2-Chlorophenol	UG/L	1	NA	10 U	10 U	NA	NA
2-Methylnaphthalene	UG/L	5	NA	10 U	10 U	9.8 U	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during laboratory review are shown.

Concentration Exceeds Criteria

NA - Not Analyzed

J - The reported concentration is an estimated value.

U - Not detected above the reported quantitation limit. 0 indicates PQL not available

Advanced Selection: Bedrock wells
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Detection Limits shown are PQL

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

Location ID			MW-09B	MW-10B	MW-10B	MW-10B	MW-10B
Sample ID			MW-9B(09/12/2006)	DUP-10/04/02	MW-10B 10/04/02	BSGDD0210	BSGDD0210_9/21/05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/12/06	10/04/02	10/04/02	09/16/04	09/21/05
Parameter	**Units**	**Criteria***		Field Duplicate (1-1)			
Semivolatile Organic Compounds							
2-Nitrophenol	UG/L	1	NA	10 U	10 U	NA	NA
3,3'-Dichlorobenzidine	UG/L	5	NA	20 U	20 U	NA	NA
1,3-Dichlorobenzene	UG/L	3	NA	10 U	10 U	NA	NA
4,6-Dinitro-2-methylphenol	UG/L	1	NA	50 U	50 U	NA	NA
4-Bromophenyl-phenylether	UG/L	50	NA	10 U	10 U	NA	NA
1,4-Dichlorobenzene	UG/L	3	NA	10 U	10 U	NA	NA
4-Chlorophenyl-phenylether	UG/L	50	NA	10 U	10 U	NA	NA
4-Chloro-3-methylphenol	UG/L	1	NA	10 U	10 U	NA	NA
4-Nitrophenol	UG/L	1	NA	50 U	50 U	NA	NA
Acenaphthene	UG/L	20 GV	1 J	10 U	10 U	9.8 U	1 U
Acenaphthylene	UG/L	NS	6 U	10 U	10 U	9.8 U	1 U
Anthracene	UG/L	50 GV	6 U	10 U	10 U	9.8 U	1 U
Benzidine	UG/L	5	NA	80 U	80 U	NA	NA
Benzo(a)anthracene	UG/L	0.002 GV	6 U	10 U	10 U	9.8 U	1 U
Benzo(a)pyrene	UG/L	ND	6 U	10 U	10 U	9.8 U	1 U
Benzo(b)fluoranthene	UG/L	0.002 GV	6 U	10 U	10 U	9.8 U	1 U
Benzo(g,h,i)perylene	UG/L	NS	6 U	10 U	10 U	9.8 U	1 U
Benzo(k)fluoranthene	UG/L	0.002 GV	6 U	10 U	10 U	9.8 U	1 U
bis(2-Chloroisopropyl)ether	UG/L	5	NA	10 U	10 U	NA	NA
bis(2-Chloroethoxy)methane	UG/L	5	NA	10 U	10 U	9.8 U	1 U
bis(2-Chloroethyl)ether	UG/L	1	NA	10 U	10 U	NA	NA
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	10 U	10 U	NA	NA

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during laboratory review are shown.

Concentration Exceeds Criteria

NA - Not Analyzed

J - The reported concentration is an estimated value.

U - Not detected above the reported quantitation limit. 0 indicates PQL not available

Advanced Selection: Bedrock wells
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Detection Limits shown are PQL

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

Location ID			MW-09B	MW-10B	MW-10B	MW-10B	MW-10B
Sample ID			MW-9B(09/12/2006)	DUP-10/04/02	MW-10B 10/04/02	BSGDD0210	BSGDD0210_9/21/05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/12/06	10/04/02	10/04/02	09/16/04	09/21/05
Parameter	**Units**	**Criteria***		Field Duplicate (1-1)			
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	NA	10 U	10 U	NA	NA
Chrysene	UG/L	0.002 GV	6 U	NA	NA	NA	NA
Dibenz(a,h)anthracene	UG/L	NS	6 U	10 U	10 U	9.8 U	1 U
Dibenzofuran	UG/L	NS	NA	10 U	10	NA	NA
Diethylphthalate	UG/L	50 GV	NA	10 U	10 U	NA	NA
Dimethylphthalate	UG/L	50 GV	NA	10 U	10 U	NA	NA
Di-n-butylphthalate	UG/L	50 GV	NA	10 U	10 U	NA	NA
Hexachlorobutadiene	UG/L	0.5	NA	10 U	10 U	NA	NA
Di-n-octylphthalate	UG/L	50	NA	10 U	10 U	NA	NA
Fluoranthene	UG/L	50 GV	6 U	10 U	10 U	9.8 U	1 U
Fluorene	UG/L	50 GV	6 U	10 U	10 U	9.8 U	1 U
Hexachlorocyclopentadiene	UG/L	5	NA	10 U	10 U	NA	NA
Indeno(1,2,3-cd)pyrene	UG/L	0.002 GV	6 U	10 U	10 U	9.8 U	1 U
Isophorone	UG/L	50 GV	NA	10 U	10 U	NA	NA
Naphthalene	UG/L	10 GV	6 U	10 U	10 U	1.58 J	1 U
N-Nitrosodimethylamine	UG/L	NS	NA	10 U	10 U	NA	NA
N-Nitrosodiphenylamine	UG/L	50 GV	NA	10 U	10 U	NA	NA
Phenanthrene	UG/L	50 GV	2 J	10 U	10 U	9.8 U	1 U
Phenol	UG/L	1	NA	10 U	10 U	NA	NA
Pyrene	UG/L	50 GV	6 U	10 U	10 U	9.8 U	1 U
Total Polynuclear Aromatic Hydrocarbons	UG/L	-	3	ND	10	1.58	ND
Total Semivolatile Organic Compounds	UG/L	-	3	ND	10	1.58	ND

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during laboratory review are shown.

Concentration Exceeds Criteria

NA - Not Analyzed

J - The reported concentration is an estimated value.

U - Not detected above the reported quantitation limit. 0 indicates PQL not available

Advanced Selection: Bedrock wells
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Detection Limits shown are PQL

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

Location ID			MW-09B	MW-10B	MW-10B	MW-10B	MW-10B
Sample ID			MW-9B(09/12/2006)	DUP-10/04/02	MW-10B 10/04/02	BSGDD0210	BSGDD0210_9/21/05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/12/06	10/04/02	10/04/02	09/16/04	09/21/05
Parameter	**Units**	**Criteria***		Field Duplicate (1-1)			
Metals							
Aluminum	UG/L	NS	NA	2,400	900	NA	NA
Antimony	UG/L	3	NA	60 U	60 U	NA	NA
Arsenic	UG/L	25	NA	5 U	5 U	NA	NA
Barium	UG/L	1000	NA	380	350	NA	NA
Cadmium	UG/L	5	NA	5 U	5 U	NA	NA
Chromium	UG/L	50	NA	5 U	5 U	NA	NA
Copper	UG/L	200	NA	5 U	5 U	NA	NA
Iron	UG/L	300	NA	9,420	2,840	NA	NA
Lead	UG/L	25	NA	5 U	5 U	NA	NA
Manganese	UG/L	300	NA	330	100	NA	NA
Mercury	UG/L	0.7	NA	0.4 U	0.4 U	NA	NA
Nickel	UG/L	100	NA	50 U	50 U	NA	NA
Selenium	UG/L	10	NA	5 U	5 U	NA	NA
Silver	UG/L	50	NA	20 U	20 U	NA	NA
Vanadium	UG/L	NS	NA	50 U	50 U	NA	NA
Zinc	UG/L	2000 GV	NA	10 U	50 U	NA	NA
Miscellaneous Parameters							
Cyanide	UG/L	200	NA	10 U	10 U	10 U	5 U
Free Cyanide	UG/L	NS	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	UG/L	1	NA	NA	NA	6.92	15 J

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

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Advanced Selection: Bedrock wells
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Detection Limits shown are PQL

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

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

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during laboratory review are shown.

Concentration Exceeds Criteria

NA - Not Analyzed

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U - Not detected above the reported quantitation limit. 0 indicates PQL not available

Advanced Selection: Bedrock wells
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Detection Limits shown are PQL

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

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

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during laboratory review are shown.

Concentration Exceeds Criteria

NA - Not Analyzed

J - The reported concentration is an estimated value.

U - Not detected above the reported quantitation limit. 0 indicates PQL not available

Advanced Selection: Bedrock wells
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Detection Limits shown are PQL

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

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

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during laboratory review are shown.

Concentration Exceeds Criteria

NA - Not Analyzed

J - The reported concentration is an estimated value.

U - Not detected above the reported quantitation limit. 0 indicates PQL not available

Advanced Selection: Bedrock wells
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Detection Limits shown are PQL

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

Location ID			MW-10B	MW-11B	MW-11B	MW-11B	MW-11B
Sample ID			MW-10B(09/12/2006)	BSGDD0211	BSGDD0111	BSGDD0111_9/21/05	MW-11B(09/12/2006)
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/12/06	01/28/02	09/16/04	09/21/05	09/12/06
Parameter	**Units**	**Criteria***					
Metals							
Aluminum	UG/L	NS	NA	1,500	NA	NA	NA
Antimony	UG/L	3	NA	60 U	NA	NA	NA
Arsenic	UG/L	25	NA	5 U	NA	NA	NA
Barium	UG/L	1000	NA	10	NA	NA	NA
Cadmium	UG/L	5	NA	5 U	NA	NA	NA
Chromium	UG/L	50	NA	5 U	NA	NA	NA
Copper	UG/L	200	NA	18	NA	NA	NA
Iron	UG/L	300	NA	140	NA	NA	NA
Lead	UG/L	25	NA	5 U	NA	NA	NA
Manganese	UG/L	300	NA	20 U	NA	NA	NA
Mercury	UG/L	0.7	NA	0.4 U	NA	NA	NA
Nickel	UG/L	100	NA	50 U	NA	NA	NA
Selenium	UG/L	10	NA	5 U	NA	NA	NA
Silver	UG/L	50	NA	20 U	NA	NA	NA
Vanadium	UG/L	NS	NA	50 U	NA	NA	NA
Zinc	UG/L	2000 GV	NA	10 U	NA	NA	NA
Miscellaneous Parameters							
Cyanide	UG/L	200	10 U	10 U	3.75 J	5 U	14
Free Cyanide	UG/L	NS	NA	10 U	NA	NA	NA
Phenolics, Total Recoverable	UG/L	1	17 J	247	18.7	250	140

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA. GV indicates guidance value. NS indicates no standard or guidance value established.

Flags assigned during laboratory review are shown.

Concentration Exceeds Criteria

NA - Not Analyzed

J - The reported concentration is an estimated value.

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Advanced Selection: Bedrock wells
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Detection Limits shown are PQL