NYSEG

New York State Electric & Gas Corporation

Bridge Street Former Manufactured Gas Plant
Plattsburgh, New York

2007 ANNUAL OPERATION, MAINTENANCE, AND MONITORING SUMMARY REPORT

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1.0 INTRODUCTION

On behalf of NYSEG (New York State Electric and Gas Corporation), URS Corporation – New York (URS) has prepared this *2007 Annual Operation, Maintenance, and Monitoring Summary Report (2007 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 *2007 OM&M Report* were conducted in accordance with the approved *OM&M Plan*. Activities include well inspections, water level measurements, Non-Aqueous Phase Liquid (NAPL) observations, and bedrock groundwater sampling.

This *2007 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 October 2007 annual site inspection and sampling event at the site in accordance with the March 2004 *ROD* and the NYSDEC-approved *OM&M Plan*. The tasks completed in October 2007 include:

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

The following subsections describe each of these tasks.

2.1 ANNUAL WELL INSPECTION AND NAPL MONITORING

On October 16, 2007, URS measured water levels in each well using an electronic water level indicator and checked for the presence of NAPL. The observations are summarized on Table 1. No indications of NAPL were observed in monitoring wells MW-1B, MW-3B, MW-9B, MW-10B, and MW-11B. Trace amounts of NAPL were observed in purge water from monitoring wells MW-2B, MW-6B, MW-7BS, and MW-7BD. No measurable amounts of NAPL were recovered from any of the wells. The previous NAPL observations in bedrock wells are summarized on Table 2. The locations where NAPL was observed are consistent with previous observations.

The monitoring wells and general site conditions were inspected for damage. No physical damage was observed at any of the monitoring wells and site conditions were generally unchanged since URS' previous annual site visit on September 12, 2006.

2.2 ANNUAL GROUNDWATER MONITORING

On October 17, 2007 URS collected groundwater samples from nine bedrock monitoring wells (MW-1B, MW-2B, MW-3B, MW-6B, MW-7BS, MW-7BD, MW-9B, MW-10B, and MW-11B). The monitoring well locations are shown on Figure 2.

The monitoring wells were purged on October 16, 2007 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 October 17, 2007 within 24 hours of purging using disposable bailers. The samples were placed into laboratory provided sampling containers in the following order: benzene, toluene ethylbenzene, and xylenes (BTEX); polycyclic aromatic hydrocarbons (PAHs); total phenols; and total cyanide. The samples were placed in coolers with sufficient ice to maintain a temperature of 4^{o}C.

The nine groundwater samples, one field duplicate sample collected from monitoring well MW-10B, and one trip blank were shipped by Federal Express to Lancaster Laboratories, Inc. (Lancaster) in Lancaster, Pennsylvania. Six of the nine groundwater samples and the field duplicate were analyzed for BTEX by USEPA SW-846 Method 8260B, PAHs by USEPA SW-846 Method 8270C, total phenol by USEPA SW-846 Method 9065M, and total cyanide by USEPA SW-846 Method 335.3. The groundwater sample from MW-1B was analyzed for BTEX, PAHs, and Total Cyanide and samples MW-2B and MW-9B were analyzed for BTEX and PAHs only due to insufficient sample 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 October 17, 2007 are summarized in Table 3. The well locations are shown on Figure 2. The laboratory analytical report is included in Appendix B. Previous bedrock groundwater analytical results are summarized in Appendix C.

Benzene, Toluene, Ethybenzene, and Xylene

Concentrations of total BTEX ranged from not detected at MW-9B and MW-10B to 11,500 micrograms per liter (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 (October 2007)

Compound	Number of Detects (out of 9)	NYSDEC GW Standard[(a)] (µg/L)	Number of Exceedences (out of 7)	Maximum Concentration (µg/L)
Benzene	7	1	6	1,700 at MW-2B*
Ethylbenzene	6	5	4	2,300 at MW-2B*
Toluene	6	5	5	3,600 at MW-2B*
Xylenes, total	6	5	6	3,600 at MW-2B*

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

The maximum concentrations of BTEX compounds were detected at MW-2B and MW-7BD. A trace of NAPL was detected in MW-2B, MW-6B, MW-7BD, and MW-7BS. Therefore, the reported concentrations may not be representative of actual groundwater concentrations. As shown in Appendix C, concentrations of BTEX compounds detected in October 2007 were comparable to the concentrations detected during the previous sampling events.

Polyaromatic Hydrocarbons

Concentrations of total PAHs ranged from not detected at MW-1B and MW-10B to 598,500 µg/L at MW-2B. The following PAHs were detected in one or more bedrock groundwater sample.

Summary of PAHs Detected in Bedrock Groundwater (October 2007)

Compound	Number of Detects (out of 9)	NYSDEC GW Standard[(a)] (µg/L)	Number of Exceedences (out of 9)	Maximum Concentration (µg/L)
Acenaphthene	6	[20]	5	11,000 at MW-2B*
Acenaphthylene	7	NS	-	54,000 at MW-2B*
Anthracene	4	[50]	3	22,000 at MW-2B*
Benzo(a)anthracene	3	[0.002]	3	15,000 at MW-2B*
Benzo(a)pyrene	3	ND	3	17,000 at MW-2B*
Benzo(b)fluoranthene	3	[0.002]	3	12,000 at MW-2B*
Benzo(k)fluoranthene	3	[0.002]	3	3,300* at MW-0B*
Benzo(g,h,i)perylene	3	NS	-	12,000 at MW-0B*

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	14000 at MW-2B*
Dibenzo(a,h)anthracene	3	NS	-	1600 at MW-2B*
Fluoranthene	4	[50]	3	41,000 at MW-2B*
Fluorene	6	[50]	3	27,000 at MW-2B*
Indeno(1,2,3-cd)pyrene	3	[0.002]	3	9,600 at MW-2B*
Naphthalene	7	[10]	5	200,000 at MW-2B*
Phenanthrene	7	[50]	3	110,000 at MW-2B*
Pyrene	4	[50]	3	49,000 at MW-2B*

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

Concentrations of all PAHs detected in monitoring well MW-2B, most PAHs detected in MW-6B, and several PAHs detected in MW-7BD, where NAPL was observed, exceed reported solubility limits in water and are likely not representative of groundwater quality. As shown in Appendix C, concentrations of PAHs detected in October 2007 were comparable to the concentrations detected during previous sampling events, except for MW-2B. Due to laboratory matrix interference and, as noted above, PAH concentrations are not likely representative of groundwater.

Cyanide

Cyanide was only detected in one sample (MW-11B at a concentration of 11µg/L) of the seven wells from which samples were collected and analyzed. As shown in Appendix C, the concentrations of cyanide detected in samples collected in October 2007 are similar to the concentrations detected during previous sampling events.

Phenol

Phenols were detected in four of the six wells (MW-3B at a concentration of 23J µg/L; MW-6B at a concentration of 110 µg/L; MW-7BD at a concentration of 150 µg/L; and MW-11B at a concentration of 160 µg/L) from which samples were collected and analyzed for phenols. As shown in Appendix C, the concentrations of phenols detected in samples collected in October 2007 are comparable with concentrations detected in during previous sampling events.

4.0 SUMMARY AND CONCLUSIONS

General Site Conditions

- During the October 2007 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 16, 2006.

- During the October 2007 site inspection, no indications of NAPL were observed in monitoring wells MW-1B, MW-3B, MW-9B, MW-10B, and MW-11B. Trace amounts of NAPL were observed in monitoring wells MW-2B, MW-6B, MW-7BS, and MW-7BD. The locations where NAPL was observed are consistent with previous observations.

Bedrock Groundwater Samples

- Concentrations of BTEX compounds detected in October 2007 were generally consistent with concentrations detected during previous sampling events.

- Concentrations of PAH compounds detected were generally consistent with concentrations detected during previous sampling events, except for MW-2B. Concentrations of all PAHs detected in monitoring well MW-2B, most PAHs detected in MW-6B, and several PAHs detected in MW-7BD, where NAPL was observed, exceed the solubility limits in water and are likely not representative of groundwater quality.

- Concentrations of cyanide detected in samples collected in October 2007 are consistent with concentrations detected during previous sampling events.

- Concentrations of phenols detected in samples collected in October 2007 are consistent with concentrations detected during previous sampling events.

5.0 RECOMMENDATIONS

Based on the results prescribed in this *2007 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 2008.

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, 2006a. *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.

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TABLES

TABLE 1
SUMMARY OF WATER LEVELS, NAPL CHECKS, AND PURGING DATA
OCTOBER 2007

NYSEG FORMER MGP SITE
BRIDGE STREET, 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-1B	10/16/2007	11.78	111.02	68	slight odor, no sheen	1,207	10.9	7.71	Purged dry
MW-2B	10/16/2007	8.00	114.32	106	odor, trace NAPL	NM	NM	NM	Field parameters not measured due to NAPL in water
MW-3B	10/16/2007	15.52	104.59	121	ND	1,262	11.4	8.51	Purged dry; strong sewer odor
MW-6B	10/16/2007	25.00	96.90	30	trace NAPL	1163	10.8	8.76	Purged dry; sediment
MW-7BD	10/16/2007	9.00	112.06	85	trace NAPL	584	11.5	9.61	Parameters stabilized at 22.5 gal.
MW-7BS	10/16/2007	4.91	115.81	114	trace NAPL	NM	NM	NM	Field parameters not measured due to NAPL in water
MW-9B	10/16/2007	29.74	91.32	9.46	ND	1383	10.7	8.75	Purged dry
MW-10B	10/16/2007	9.70	112.45	114	ND	1115	11.2	7.27	Parameters stabilized at 30 gal.; strong sewer odor
MW-11B	10/16/2007	5.45	114.36	125	ND	735	11.7	9.33	Purged dry; slight sewer odor

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

TABLE 2
SUMMARY OF HISTORIC NAPL OBSERVATIONS

NYSEG FORMER MGP SITE
BRIDGE STREET, PLATTSBURGH, NEW YORK

Well	Date	Odor	Sheen	Comments
MW-1B	1/10/02	No	No	No indications
	1/24/02	No	No	No indications
	1/28/02	No	No	No indications
	3/6/02	No	No	No indications
	4/10/02	No	No	No indications
	6/7/02	No	No	No indications
	8/22/02	No	No	No indications
	9/23/02	No	No	No indications
	10/16/02	No	No	No indications
	2/25/03	No	No	No indications
	3/6/02	No	No	No indications
	4/16/03	No	No	No indications
	9/22/03	No	No	No indications
	9/14/04	No	No	No indications
	9/20/05	No	No	No indications
	9/11/06	No	No	No indications
	10/16/07	Yes	No	No indications
MW-2B	1/10/02	No	No	No indications
	1/29/02	Yes	Yes	Sheen and odor during sampling
	3/6/02	Yes	Yes	LNAPL (Not Measurable)
	4/10/02	Yes	Yes	Product on string (DNAPL)
	6/7/02	Yes	Yes	Trace DNAPL
	8/22/02	Yes	Yes	Trace DNAPL
	9/23/02	Yes	No	Trace DNAPL
	10/16/02	Yes	Yes	Trace DNAPL
	1/23/03	Yes	Yes	Trace DNAPL
	2/25/03	--	--	Roadbox filled with ice
	4/16/03	Yes	Yes	Trace NAPL
	9/22/03	Yes	Yes	Trace LNAPL
	9/14/04	Yes	Yes	Trace NAPL
	9/20/05	Yes	Yes	Trace NAPL
	9/11/06	Yes	Yes	Trace NAPL
	10/16/07	Yes	Yes	Trace NAPL
MW-3B	10/16/02	No	No	No indications
	1/23/03	No	No	Sulfur odor
	2/25/03	No	No	No indications
	4/16/03	No	No	No indications
	9/22/03	No	No	No indications
	9/14/04	No	No	No indications
	9/20/05	Yes	No	Slight odor
	9/11/06	No	No	Sulfur odor
	10/16/07	No	No	Sewer odor
MW-6B	1/10/02	No	No	No indications
	1/24/02	No	No	No indications
	1/28/02	No	No	No indications
	3/6/02	No	No	No indications
	4/10/02	Yes	No	Very slight odor on string from bottom
	6/7/02	No	No	No indications
	8/22/02	Yes	Yes	Trace
	9/23/02	Yes	No	Slight odor
	10/16/02	Yes	No	Slight odor
	1/23/03	No	No	No indications
	2/25/03	No	No	No indications
	4/16/03	No	No	No indications
	9/22/03	Yes	No	Slight odor
	9/14/04	No	No	No indications
	9/20/05	Yes	Yes	Trace NAPL
	9/12/06	Yes	Yes	Slight odor and sheen
	10/16/07	Yes	Yes	Lots of sediment

TABLE 2
SUMMARY OF HISTORIC NAPL OBSERVATIONS

NYSEG FORMER MGP SITE
BRIDGE STREET, PLATTSBURGH, NEW YORK

Well	Date	Odor	Sheen	Comments
MW-7BD	1/24/02	Yes	Yes	Sheen and odor on bailer
	1/29/02	Yes	Yes	Sheen and odor during sampling
	3/6/02	Yes	Yes	LNAPL (Not Measurable)
	4/10/02	Yes	Yes	Product on string (Not Measurable)
	6/7/02	Yes	No	Trace DNAPL
	8/22/02	Yes	Yes	Trace DNAPL
	9/23/02	Yes	No	Trace DNAPL
	10/16/02	Yes	Yes	Trace DNAPL
	1/23/03	No	No	Trace DNAPL
	2/25/03	No	No	Trace DNAPL
	4/16/03	Yes	Yes	Trace DNAPL
	9/22/03	Yes	Yes	Trace LNAPL, Tar odor on bottom
	9/14/04	Yes	Yes	Trace NAPL
	9/20/05	Yes	Yes	Trace NAPL
	9/11/06	Yes	Yes	Approximately 2.5 liters of NAPL recovered
	10/16/07	Yes	Yes	Trace NAPL
MW-7BS	1/10/02	Yes	Yes	Sheen, odor, unmeasurable NAPL
	1/29/02	Yes	Yes	Trace NAPL during purging
	3/6/02	Yes	Yes	LNAPL (Not Measurable)
	4/10/02	Yes	Yes	Product on string (DNAPL)
	6/7/02	Yes	Yes	Trace DNAPL
	8/22/02	Yes	Yes	Trace DNAPL
	9/23/02	Yes	No	Trace DNAPL
	10/16/02	Yes	Yes	Trace DNAPL
	1/23/03	Yes	Yes	Trace DNAPL
	2/25/03	Yes	Yes	Trace DNAPL
	4/16/03	Yes	Yes	Trace DNAPL
	9/22/03	Yes	Yes	Trace LNAPL
	9/14/04	Yes	No	Tar odor
	9/20/05	Yes	Yes	Trace NAPL
	9/12/06	Yes	Yes	Trace NAPL
	10/16/07	Yes	Yes	Trace NAPL
MW-7DD	10/16/02	No	No	No indications
	1/23/03	No	No	No indications
	2/25/03	--	--	Could not locate
	4/16/03	No	No	No indications
	9/22/03	No	No	No indications
	9/14/04	No	No	No indications - Well decomissioned
MW-8B	1/10/02	No	No	No indications
	1/24/02	No	No	No indications
	1/25/02	No	No	No indications
	3/6/02	No	No	No indications
	4/10/02	No	No	No indications
	6/7/02	No	No	No indications
	8/22/02	No	No	No indications
	9/23/02	No	No	No indications
	10/16/02	No	No	No indications
	2/25/03	No	No	No indications
	4/16/03	No	No	No indications
	9/22/03	No	No	No indications
	9/14/04	No	No	No indications - Well decomissioned
MW-8BD	1/10/02	No	No	No indications
	1/24/02	Yes	Yes	Fuel oil type odor
	1/29/02	No	No	No indications
	3/6/02	No	No	No indications
	4/10/02	No	No	No indications
	6/7/02	No	No	No indications
	8/22/02	No	No	No indications

TABLE 2
SUMMARY OF HISTORIC NAPL OBSERVATIONS

NYSEG FORMER MGP SITE
BRIDGE STREET, PLATTSBURGH, NEW YORK

Well	Date	Odor	Sheen	Comments
	9/23/02	No	Yes	Slight blue/silver sheen
	10/16/02	No	No	No indications
	1/23/03	No	No	No indications
	2/25/03	No	No	No indications
	4/16/03	No	No	No indications
	9/22/03	No	No	No indications
	9/14/04	No	No	No indications - Well decomissioned
MW-9B	1/10/02	No	No	No indications
	1/24/02	No	No	No indications
	3/6/02	No	No	No indications
	4/10/02	No	No	No indications
	6/7/02	No	No	No indications
	8/22/02	No	No	No indications
	9/23/02	No	No	No indications
	10/16/02	No	No	No indications
	1/23/03	No	No	No indications
	2/25/03	No	No	No indications
	4/16/03	No	No	No indications
	9/22/03	No	No	No indications
	9/14/04	No	No	No indications
	9/20/05	No	No	No indications
	9/12/06	Yes	Yes	Trace NAPL
	10/16/07	No	No	No indications
MW-10B	10/16/02	No	No	No indications
	1/23/03	No	No	Sulfur odor
	2/25/03	--	--	Road box filled with ice
	9/14/04	No	No	No indications
	9/20/05	No	No	No indications
	4/16/03	No	No	No indications
	10/16/07	No	No	Strong sewer odor
MW-11B	1/11/02	No	Yes	Non MGP/iron type sheen noted, no odor
	1/25/02	No	No	No indications
	3/6/02	No	No	No indications
	4/10/02	Yes	No	Slight odor
	6/7/02	Yes	Yes	
	8/22/02	No	No	No indications
	9/23/02	No	No	No indications
	10/16/02	No	No	No indications
	1/23/03	No	No	No indications
	2/25/03	No	No	No indications
	4/16/03	No	No	No indications
	9/22/03	No	No	No indications
	9/14/04	No	No	No indications
	9/20/05	No	No	No indications
	9/11/06	No	No	Septic odor
	10/16/07	No	No	Slight sewer odor
Angle Boring	10/16/02	Yes	Yes	Trace NAPL on probe
	4/16/03	No	No	No accumulation below Packer
		Yes	Yes	Trace NAPL above packer
	9/14/04	Yes	Yes	Trace NAPL above packer - Boring decomisioned

TABLE 3
SUMMARY OF GROUNDWATER ANALYTICAL DATA - OCTOBER 2007
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-01B	MW-02B	MW-03B	MW-06B	MW-07BD
Sample ID			MW-01B 10/17/07	MW-02B 10/17/07	MW-03B 10/17/07	MW-06B 10/17/07	MW-07BD 10/17/07
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/17/07	10/17/07	10/17/07	10/17/07
Parameter	**Units**	*					
Volatile Organic Compounds							
Benzene	ug/l	1	0.8 J	1,700	760	14	1,400
Ethylbenzene	ug/l	5	0.8 U	2,300	390	1 J	660
Toluene	ug/l	5	0.7 U	3,600	190	30	1,600
Xylene (total)	ug/l	5	0.8 U	3,900	290	91	1,500
Total Benzene, Toluene, Ethylbenzene, & Xylenes	ug/l	-	0.8	11,500	1,630	136	5,160
Semivolatile Organic Compounds							
Acenaphthene	ug/l	20 GV	1 U	11,000	43	120	79
Acenaphthylene	ug/l	NS	1 U	54,000	9	760	360
Anthracene	ug/l	50 GV	1 U	22,000	1 U	390	74
Benzo(a)anthracene	ug/l	0.002 GV	1 U	15,000	1 U	360	45
Benzo(a)pyrene	ug/l	ND	1 U	17,000	1 U	380	51
Benzo(b)fluoranthene	ug/l	0.002 GV	1 U	12,000	1 U	290	39
Benzo(g,h,i)perylene	ug/l	NS	1 U	12,000	1 U	300	35
Benzo(k)fluoranthene	ug/l	0.002 GV	1 U	3,300	1 U	120	14
Chrysene	ug/l	0.002 GV	1 U	14,000	1 U	350	45
Dibenz(a,h)anthracene	ug/l	NS	1 U	1,600	1 U	54	6
Fluoranthene	ug/l	50 GV	1 U	41,000	1 U	940	140
Fluorene	ug/l	50 GV	1 U	27,000	4 J	260	130
Indeno(1,2,3-cd)pyrene	ug/l	0.002 GV	1 U	9,600	1 U	240	30
Naphthalene	ug/l	10 GV	1 U	200,000	1,100	830	4,100
Phenanthrene	ug/l	50 GV	1 U	110,000	2 J	1,500	400
Pyrene	ug/l	50 GV	1 U	49,000	1 U	1,200	170

*- 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 chemistry validation are shown.

Concentration Exceeds

NA - Not Analyzed

J - The reported quantitation limit is an estimated value.

U - Not detected above the reported quantitation limit.

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

Detection Limits shown are MDL

Advanced Selection: 2007 GW Samples
P:\Database\NYSEG\Bridge Street\edms\EDMS.mde
Printed: 11/13/2007 2:18:28 PM
[LOGDATE] > #9/1/2007# AND [MATRIX] = 'WG'

TABLE 3
SUMMARY OF GROUNDWATER ANALYTICAL DATA - OCTOBER 2007
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-01B	MW-02B	MW-03B	MW-06B	MW-07BD
Sample ID			MW-01B 10/17/07	MW-02B 10/17/07	MW-03B 10/17/07	MW-06B 10/17/07	MW-07BD 10/17/07
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/17/07	10/17/07	10/17/07	10/17/07
Parameter	**Units**	*					
Semivolatile Organic Compounds							
Total Semivolatile Organic Compounds	ug/l	-	ND	598,500	1,158	8,094	5,718
Miscellaneous Parameters							
Cyanide	ug/l	200	5 U	NA	5 U	5 U	5 U
Phenolics, Total Recoverable	ug/l	1	NA	NA	23 J	110	150

*- 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 chemistry validation are shown.

Concentration Exceeds

NA - Not Analyzed

J - The reported quantitation limit is an estimated value.

U - Not detected above the reported quantitation limit.

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

Detection Limits shown are MDL

Advanced Selection: 2007 GW Samples
P:\Database\NYSEG\Bridge Street\edms\EDMS.mde
Printed: 11/13/2007 2:18:28 PM
[LOGDATE] > #9/1/2007# AND [MATRIX] = 'WG'

TABLE 3
SUMMARY OF GROUNDWATER ANALYTICAL DATA - OCTOBER 2007
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-07BS	MW-09B	MW-10B	MW-10B	MW-11B
Sample ID			MW-07BS 10/17/07	MW-09B 10/17/07	MW-10B 10/17/07	URS 101707	MW-11B 10/17/07
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/17/07	10/17/07	10/17/07	10/17/07
Parameter	**Units**	*				Field Duplicate (1-1)	
Volatile Organic Compounds							
Benzene	ug/l	1	22	0.5 U	0.5 U	0.5 U	4 J
Ethylbenzene	ug/l	5	10	0.8 U	0.8 U	0.8 U	3 J
Toluene	ug/l	5	3 J	0.7 U	0.7 U	0.7 U	7
Xylene (total)	ug/l	5	10	0.8 U	0.8 U	0.8 U	10
Total Benzene, Toluene, Ethylbenzene, & Xylenes	ug/l	-	45	ND	ND	ND	24
Semivolatile Organic Compounds							
Acenaphthene	ug/l	20 GV	42	1 U	1 U	1 U	5 J
Acenaphthylene	ug/l	NS	18	2 J	1 U	1 U	9
Anthracene	ug/l	50 GV	8	1 U	1 U	1 U	1 U
Benzo(a)anthracene	ug/l	0.002 GV	0.9 U	1 U	1 U	1 U	1 U
Benzo(a)pyrene	ug/l	ND	0.9 U	1 U	1 U	1 U	1 U
Benzo(b)fluoranthene	ug/l	0.002 GV	0.9 U	1 U	1 U	1 U	1 U
Benzo(g,h,i)perylene	ug/l	NS	0.9 U	1 U	1 U	1 U	1 U
Benzo(k)fluoranthene	ug/l	0.002 GV	0.9 U	1 U	1 U	1 U	1 U
Chrysene	ug/l	0.002 GV	0.9 U	1 U	1 U	1 U	1 U
Dibenz(a,h)anthracene	ug/l	NS	0.9 U	1 U	1 U	1 U	1 U
Fluoranthene	ug/l	50 GV	6	1 U	1 U	1 U	1 U
Fluorene	ug/l	50 GV	16	1 U	1 U	1 U	2 J
Indeno(1,2,3-cd)pyrene	ug/l	0.002 GV	0.9 U	1 U	1 U	1 U	1 U
Naphthalene	ug/l	10 GV	48	1 J	1 U	1 U	36
Phenanthrene	ug/l	50 GV	48	2 J	1 U	1 U	5 J
Pyrene	ug/l	50 GV	6	1 U	1 U	1 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 chemistry validation are shown.

Concentration Exceeds

NA - Not Analyzed

J - The reported quantitation limit is an estimated value.

U - Not detected above the reported quantitation limit.

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

Detection Limits shown are MDL

Advanced Selection: 2007 GW Samples
P:\Database\NYSEG\Bridge Street\edms\EDMS.mde
Printed: 11/13/2007 2:18:28 PM
[LOGDATE] > #9/1/2007# AND [MATRIX] = 'WG'

TABLE 3
SUMMARY OF GROUNDWATER ANALYTICAL DATA - OCTOBER 2007
NYSEG BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Location ID			MW-07BS	MW-09B	MW-10B	MW-10B	MW-11B
Sample ID			MW-07BS 10/17/07	MW-09B 10/17/07	MW-10B 10/17/07	URS 101707	MW-11B 10/17/07
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	10/17/07	10/17/07	10/17/07	10/17/07
Parameter	**Units**	*				Field Duplicate (1-1)	
Semivolatile Organic Compounds							
Total Semivolatile Organic Compounds	ug/l	-	192	5	ND	ND	57
Miscellaneous Parameters							
Cyanide	ug/l	200	5 U	NA	5 U	5 U	11
Phenolics, Total Recoverable	ug/l	1	15 U	NA	15 U	15 U	160

*- 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 chemistry validation are shown.

Concentration Exceeds

NA - Not Analyzed

J - The reported quantitation limit is an estimated value.

U - Not detected above the reported quantitation limit.

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

Detection Limits shown are MDL

Advanced Selection: 2007 GW Samples
P:\Database\NYSEG\Bridge Street\edms\EDMS.mde
Printed: 11/13/2007 2:18:28 PM
[LOGDATE] > #9/1/2007# AND [MATRIX] = 'WG'

FIGURES

GRAPHIC SCALE

0 30 60 90 Feet

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

Title: SITE LOCATION MAP

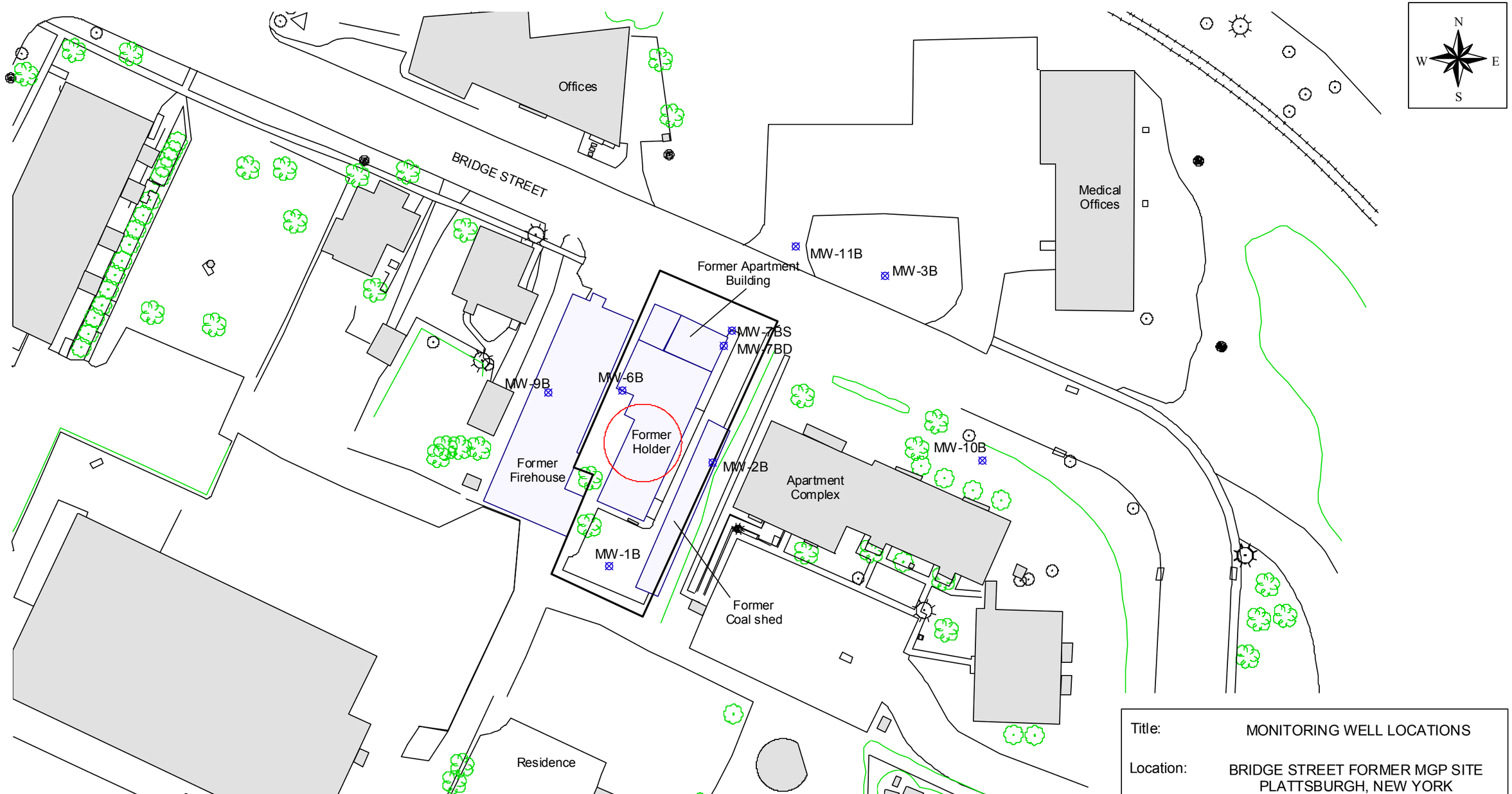
Location: BRIDGE STREET FORMER MGP SITE
PLATTSBURGH, NEW YORK

Client: NEW YORK STATE ELECTRIC AND GAS

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

Drafter:	Date:
DAD	November 2007
Drg. Size:	Job No.:
8.5X11	11175320.00000

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: November 2007
Drg. Size: 11x17	Job No.: 11175320.00000

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

GENERAL ELECTRIC COMPANY
SCHENECTADY, NY

WELL NO: MW-1B

Page 1 of 9

Field Personnel:
Albert Franzi (AF)
Trad Leavitt (TL)

Date: 10/16/07
Job No.: 11175320.00000
Location: Bridge Street

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

Depth to Water Surface Before Purging (from top of casing): - 11.78 feet

Height of Water Column: a = 28.47 feet
Well Diameter (d): 4 inches Gals per ft: (d^2 x 0.0408) = x 0.653

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

Volume of Water Equal to three well volumes: 55.74 gallons or _____ liters
(Volume of Column by 3.0) (1 gallon = 3.785 liters)

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

Time	Well Volumes (Gallons / Liters)	Depth to Water (feet)	SC (mmhos/cm or µmhos)	Temp. (°F or °C)	pH (SU)	Dissolved Oxygen (mg/L)	Redox Potential (mV)	Turbidity (NTU)
1330	0		1199	12.6	8.09			
1336	2.5		1183	13.1	7.74			
1340	5.0		1183	12.7	7.78			
1346	7.5		1189	12.2	7.69			
1355	10.0		1193	11.8	7.70			
1404	12.5		1202	11.4	7.67			
1418	15.0		1207	10.9	7.71			
			Dry @ 18gal					

Total Volume of Water Purged: 18 gallons/liters

Sampling Data: 3 BTEX
1 PAH
1 TC

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

Notes:
No sheen
Slight odor (NAPL)
Clear water

GROUNDWATER SAMPLING DATA SHEET

GENERAL ELECTRIC COMPANY
SCHENECTADY, NY

WELL NO: MW-2B

Field Personnel: AF & TL

Date: 10/16/07

Job No.: 11753800.00000

Location: Bridge Street

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

Depth to Water Surface Before Purging (from top of casing): - 8.0 feet

Height of Water Column: a = 31.75 feet

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

Volume of Water Column Before Purging: = 20.73 gallons or _____ liters

Volume of Water Equal to three well volumes: 62.19 gallons or _____ liters
(Volume of Column by 3.0) (1 gallon = 3.785 liters)

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

Time	Well Volumes (Gallons / Liters)	Depth to Water (feet)	SC (mmhos/cm or µmhos)	Temp. (°F or °C)	pH (SU)	Dissolved Oxygen (mg/L)	Redox Potential (mV)	Turbidity (NTU)
1400								
↓		No Parameters, NAPL Present						
1430								
		Dry @ 28 gal						

Total Volume of Water Purged: ~28 (gallons)/liters

Sampling Data: 3 BTEX, 1 PAH

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

Notes:
NAPL present
No measurable Qty.

GROUNDWATER SAMPLING DATA SHEET

GENERAL ELECTRIC COMPANY
SCHENECTADY, NY

WELL NO: MW-3B

Field Personnel: AF + TL

Date: 10/16/07

Job No.: 11175.320.00000

Location: Bridge Street

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

Depth to Water Surface Before Purging (from top of casing): - 15.52 feet

Height of Water Column: a = 45.29 feet

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

Volume of Water Column Before Purging: = 29.57 gallons or _____ liters

Volume of Water Equal to three well volumes: 88.71 gallons or _____ liters
(Volume of Column by 3.0) (1 gallon = 3.785 liters)

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

Time	Well Volumes (Gallons / Liters)	Depth to Water (feet)	SC (mmhos/cm or µmhos)	Temp. (°F or °C)	pH (SU)	Dissolved Oxygen (mg/L)	Redox Potential (mV)	Turbidity (NTU)
1532	0		1278	11.3	8.71			
1536	2.5		905	13.2	8.36			
1540	5.0		917	12.6	8.22			
1542	7.5		925	12.2	8.22			
1545	10.0		950	12.0	8.12			
1547	12.5		967	11.7	8.21			
1549	15.0		1020	11.5	8.24			
1600	17.5		1041	11.3	8.27			
1604	20.0		1059	11.4	8.30			
1607	22.5		1077	11.3	8.34			
1610	25.0		1106	11.3	8.35			
1614	27.5		1283	11.3	8.43			
1617	30.0		1262	11.4	8.51			

Total Volume of Water Purged: Dry @ 32 gal ~ 32 gallons/liters

Sampling Data: 3 BTEX
1 Phenol
2 PAH
1 TC

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

Notes:

No NAPL
Strong sewer odor
dark gray/ color

GROUNDWATER SAMPLING DATA SHEET

GENERAL ELECTRIC COMPANY
SCHENECTADY, NY

WELL NO: MW-6B

Field Personnel: AR + TL

Date: 10/16/07

Job No.: 11175320.00000

Location: Bridge Street

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

Depth to Water Surface Before Purging (from top of casing): - 25.00 feet

Height of Water Column: a = 14.00 feet

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

Volume of Water Column Before Purging: = 9.14 gallons or _____ liters

Volume of Water Equal to three well volumes: 27.42 gallons or _____ liters
(Volume of Column by 3.0) (1 gallon = 3.785 liters)

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

Time	Well Volumes (Gallons / Liters)	Depth to Water (feet)	SC (mmhos/cm or µmhos)	Temp. (°F or °C)	pH (SU)	Dissolved Oxygen (mg/L)	Redox Potential (mV)	Turbidity (NTU)
1036	0		1160	10.7	8.51			
1058	5		1149	10.9	8.75			
1108	7.5		1163	10.8	8.76			
			Dry @ 8 gal					

Total Volume of Water Purged: _____ gallons/liters

Sampling Data: 3 BTEX
1 Phenol
1 PAH
1 TC

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

Notes:
Sheen/Trace NAPL
lots of Sed.

GROUNDWATER SAMPLING DATA SHEET

GENERAL ELECTRIC COMPANY
SCHENECTADY, NY

WELL NO: MW-7BD

Field Personnel: AF/TL

Date: 10/16/07
Job No.: 11175320.00000
Location: Bridge Street

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

Depth to Water Surface Before Purging (from top of casing): - 9.00 feet

Height of Water Column: a = 40.24 feet
Well Diameter (d): 4 inches Gals per ft: (d^2 x 0.0408) = x 0.653

Volume of Water Column Before Purging: = 26.27 gallons or _____ liters

Volume of Water Equal to three well volumes: 78.81 gallons or _____ liters
(Volume of Column by 3.0) (1 gallon = 3.785 liters)

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

Time	Well Volumes (Gallons / Liters)	Depth to Water (feet)	SC (mmhos/cm or µmhos)	Temp. (°F or °C)	pH (SU)	Dissolved Oxygen (mg/L)	Redox Potential (mV)	Turbidity (NTU)
1139	0		566	14.7	8.96			
1147	2.5		571	14.0	8.80			
1156	5.0		576	13.7	8.41			
1202	7.5		577	12.8	9.42			
1212	10.0		579	12.4	9.55			
1221	12.5		584	11.8	9.58			
1229	15.00		583	11.6	9.60			
1237	17.5		583	11.5	9.61			
1244	20.0		585	11.4	9.60			
1256	22.5		584	11.5	9.61			

parameters Stabilized @ 22.5gal

Total Volume of Water Purged: ~ 22.5 gallons/liters

Sampling Data: 3 BTEX
1 Phenol
2 PAH
1 TC

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

Notes:
Murky Brown
Slight sheen

GROUNDWATER SAMPLING DATA SHEET

GENERAL ELECTRIC COMPANY
SCHENECTADY, NY

WELL NO: MW-7BS

Field Personnel: AF/TL

Date: 10/16/07
Job No.: 11175320.00000
Location: Bridge Street

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

Depth to Water Surface Before Purging (from top of casing): - 4.91 feet

Height of Water Column: a = 9.49 feet
Well Diameter (d): 4 inches Gals per ft: (d^2 x 0.0408) = x 0.653

Volume of Water Column Before Purging: = ~~18~~ 6.2 gallons or _____ liters

Volume of Water Equal to three well volumes: 18.59 gallons or _____ liters
(Volume of Column by 3.0) (1 gallon = 3.785 liters)

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

Time	Well Volumes (Gallons / Liters)	Depth to Water (feet)	SC (mmhos/cm or µmhos)	Temp. (°F or °C)	pH (SU)	Dissolved Oxygen (mg/L)	Redox Potential (mV)	Turbidity (NTU)
1133	0		428	15.0	8.37			
1143	2.5		547	15.0	8.07			
↓		Trace NAPL encountered, Stopped parameters						
1220		~~D~~ @	Three well volumes @ 18.59 gal					
			30 gal removed					

Total Volume of Water Purged: ~30 gal (gallons) ~~liters~~

Sampling Data: 3 BTEX
2 PAH
1 Phenol
1 TC

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

Notes:
rusty color
Trace NAPL

GROUNDWATER SAMPLING DATA SHEET

GENERAL ELECTRIC COMPANY
SCHENECTADY, NY

WELL NO: MW-9B

Field Personnel: AP/TL

Date: 10/16/07

Job No.: 111X5320.0000G2

Location: Bridge Street

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

Depth to Water Surface Before Purging (from top of casing): -29.74 feet

Height of Water Column: a = 5.31 feet

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

Volume of Water Column Before Purging: = 3.47 gallons or _____ liters

Volume of Water Equal to three well volumes: 10.47 gallons or _____ liters
(Volume of Column by 3.0) (1 gallon = 3.785 liters)

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

Time	Well Volumes (Gallons / Liters)	Depth to Water (feet)	SC (mmhos/cm or µmhos)	Temp. (°F or °C)	pH (SU)	Dissolved Oxygen (mg/L)	Redox Potential (mV)	Turbidity (NTU)
1025	0		1376	10.9	10.25			
1028	2.5		1383	10.7	8.75			

Dry @ ~2.5 gal

Total Volume of Water Purged: ~2.5 gallons/liters

Sampling Data: 3 BTEX
1 PAH

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

Notes:

GROUNDWATER SAMPLING DATA SHEET

GENERAL ELECTRIC COMPANY
SCHENECTADY, NY

WELL NO: MW-10B

Field Personnel: AR/TL

Date: 10/16/07
Job No.: 11175320.00000
Location: Bridge Street

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

Depth to Water Surface Before Purging (from top of casing): - 9.70 feet

Height of Water Column: a = 51.90 feet
Well Diameter (d): 4 inches Gals per ft: (d^2 x 0.0408) = x 0.653

Volume of Water Column Before Purging: = 33.89 gallons or _____ liters

Volume of Water Equal to three well volumes: 101.67 gallons or _____ liters
(Volume of Column by 3.0) (1 gallon = 3.785 liters)

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

Time	Well Volumes (Gallons / Liters)	Depth to Water (feet)	SC (mmhos/cm or µmhos)	Temp. (°F or °C)	pH (SU)	Dissolved Oxygen (mg/L)	Redox Potential (mV)	Turbidity (NTU)
1642	0		1055	14.0	8.35			
1645	2.5		1057	13.7	7.47			
1648	5.0		1059	13.0	7.47			
	7.5		1063	12.5	7.53			
	10.0		1065	12.2	7.49			
	12.5		1072	12.6	7.53			
	15.0		1070	11.4	7.51			
	17.5		1072	11.5	7.49			
	20.0		1071	11.3	7.44			
	22.5		1095	11.2	7.33			
	25.0		1113	11.2	7.31			
	27.5		1114	11.2	7.25			
1730	30.0		1115	11.2	7.27			

Total Volume of Water Purged: parameters stabilized @ ~ 30 gallons/~~liters~~

Sampling Data: 3 BTEX
1 Phenol
2 PAH
1 TC
Field Dup Taken
URS 101707

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

Notes:
No NAPL
Strong sewer odor
dark gray color

GROUNDWATER SAMPLING DATA SHEET

GENERAL ELECTRIC COMPANY
SCHENECTADY, NY

WELL NO: MW-11B

Field Personnel: AF/TL

Date: 10/16/07
Job No.: 11175320.00000
Location: Bridge Street

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

Depth to Water Surface Before Purging (from top of casing): -5.45 feet

Height of Water Column: a = 33.65 feet
Well Diameter (d): 4 inches Gals per ft: (d^2 x 0.0408) = x 0.653

Volume of Water Column Before Purging: =21.97 gallons or _____ liters

Volume of Water Equal to three well volumes: 65.92 gallons or _____ liters
(Volume of Column by 3.0) (1 gallon = 3.785 liters)

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

Time	Well Volumes (Gallons / Liters)	Depth to Water (feet)	SC (mmhos/cm or µmhos)	Temp. (°F or °C)	pH (SU)	Dissolved Oxygen (mg/L)	Redox Potential (mV)	Turbidity (NTU)
1450	2.5		710	16.7	8.98			
1502	7.5		707	15.9	9.04			
1506	12.5		702	15.0	9.14			
1508	15.0		703	14.5	9.16			
1511	17.5		709	14.3	9.09			
1513	20.0		709	13.7	9.19			
1515	22.5		714	12.7	9.17			
1518	25.0		717	12.1	9.23			
1525	30.0		735	11.7	9.33			
			Dry @ 33 gal					

Total Volume of Water Purged: ~33 gallons/~~liters~~

Sampling Data: 3 BTEX
1 Phenol
2 PAH
1 TC

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

Notes:

No sheen
No NAPL
Slight sewer odor
Murky gray/black

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

NYSDEC ASP Category A Data Package
for
URS Corporation

SDG# PNY03

Project: Bridge Street 11175320
Water Samples
Collected on 10/17/07
Sample No. 5187878-5187892

PA Cert. # 36-00037
NY Cert. # 10670
NJ Cert. # PA011
NC Cert. # 521

Prepared by _____

Reviewed by _____

Date 11-14-07

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

Table of Contents for SDG# PNY03

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

Sample Reference List for SDG Number PNY03 with a Data Package Type of NYSDEC A

08371 - URS Corporation

Project: Bridge Street 11175320

Lab Sample Number	Lab Sample Code	Client Sample Description
5187878	BMW1B	MW-1B Grab Water Sample
5187879	BMW2B	MW-2B Grab Water Sample
5187880	BMW3B	MW-3B Grab Water Sample
5187881	BMW6B	MW-6B Grab Water Sample
5187882	BM7BS	MW-7BS Grab Water Sample
5187883	BM7BD	MW-7BD Grab Water Sample
5187884	BMW9B	MW-9B Grab Water Sample
5187885	BM10B	MW-10B Grab Water Sample
5187886	BM11B	MW-11B Grab Water Sample
5187887	B-URS	URS 101707 Grab Water Sample
5187888	DRUM1	Drum 1 Grab Water Sample
5187889	DRUM2	Drum 2 Grab Water Sample
5187890	DRUM3	Drum 3 Grab Water Sample
5187891	DRUM4	Drum 4 Grab Water Sample
5187892	DRUTB	Trip Blank Water Sample

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 8371 Group# 1061547 Sample # 5187878-92

COC # 0157480

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

(1)
Client: URS Corp Acct. #:
Project Name/#: Bridge St, 11175320 PWSID #:
Project Manager: Kerry Antar P.O.#:
Sampler: Albert Franzi Quote #:
Name of state where samples were collected: NY

For Lab Use Only
FSC:
SCR#: 50065

(5) Preservation Codes

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

(2)			(3)			(4)		H: BTEX	T: PAH's	S: Phenolics	B: Total Cyanide						Remarks
MW-1B	10/17	1000/1330	X			X	5	X	X		X						Ran out of sample 1 PAH, No Phenol
MW-2B	↓	1030	X			X	4	X	X								Ran out of sample 1 PAH, No Phenol or TC
MW-3B		1200	X			X	7	X	X	X	X						—
MW-6B		1300	X			X	6	X	X	X	X						Ran out of sample only 1 PAH
MW-7BS		1145	X			X	7	X	X	X	X						—
MW-7BD		1050	X			X	7	X	X	X	X						—
~~MW-9B~~		1320	X			X	4	X	X								Ran out of sample 1 PAH, No Phenol or TC
MW-10B		1230	X			X	7	X	X	X	X						—
MW-11B		1145	X			X	7	X	X	X	X						—
URS 101707	↓	X	X			X	7	X	X	X	X						—

(7) **Turnaround Time Requested** (TAT) (please circle): (Normal) Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed:
Rush results requested by (please circle): Phone Fax (E-mail)
Phone #: 518-688-0015 Fax #: 518 688 0022
E-mail address: Kerry_Antar@URS Corp.com

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

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

Relinquished by:	Date	Time	Received by:	Date	Time (9)
[signature]	10/16/07	15:00	[signature]	10/16/07	—
[signature]	10/17/07	16:30			
			[signature]	10-18-07	0850

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

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 8371 Group# 1061547 Sample # 5187878-92

COC # 0157481

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

For Lab Use Only
FSC:
SCR#:

1 Client: Albert URS Corp Acct. #:
Project Name/#: Bridge Street PWSID #:
Project Manager: Kerry Anton P.O.#:
Sampler: Albert Franzi Quote #:
Name of state where samples were collected: NY

2 | 3 | 4 | 5 Analyses Requested

Sample Identification	Date Collected	Time Collected	Matrix	# of Containers	Preservation Codes H	BTEX	Remarks
Drum 1	10/17	1400	X	3	X	X	
Drum 2	↓	1410	X	3	X	X	
Drum 3		1420	X	3	X	X	
Drum 4	↓	1430	X	3	X	X	

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

6 Remarks

7 **Turnaround Time Requested** (TAT) (please circle): (Normal) Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed:
Rush results requested by (please circle): Phone Fax E-mail
Phone #: 518 6880015 Fax #: 518 688 0022
E-mail address: Kerry_Anton@URSCorp.com

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

SDG Complete? Yes No

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

	Date	Time		Date	Time
Relinquished by:	10/17/07	1630	Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:	10-18-07	0850

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
2425 New Holland Pike • Lancaster, PA 17601

Environmental Sample Administration
Receipt Documentation Log

Client/Project: URS Corp.
Date of Receipt: 10-18-07
Time of Receipt: 0850
Source Code: 50-1
Unpacker Emp. No.: 2132

Shipping Container Sealed: (Y) / N
Custody Seal Present: (Y) / N
Custody Seal Intact: (Y) / N / NA
Package: (Chilled) Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	042995T	1.1°	TB	WI	Y	B	
2	↓	2.5°	↓	↓	↓	↓	
3		0.8°					
4	↓	1.5°	↓	↓	↓	↓	
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 2

Paperwork Discrepancy/Unpacking Problems:

Sample Administration Internal Chain of Custody			
Name	Date	Time	Reason for Transfer
Stuart A Moyer	10-18-07	1025	Unpacking
Anneliese Hutchison	10/18/07	1100	Place in Storage or (Entry)
			Entry 0004
			Entry

Chain-of-Custody Record

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Original Sample
Secure Storage Chain of Custody

Client/Project: URS Corporation – Bridge Street - Plattsburgh, NY

Preservative: HCL Matrix: WW SDG: PNY03

Sample # Range of Entry Group: 5187878-92 Bottle Type: 40 mL vial (38)

Sample Number(s) in Custody	Released By	Received By	Date of Transfer	Time of Transfer	Reason for Change of Custody	Dist., Extr., or Digest Chain Created (X)
5187878-92	A. Hutchison 210	VOA Refrigerator	10/18/07	1145	Entry to Storage	
5187878-92	VOA REFRIGERATOR	KMC 2122	10/18/07	1330	transfer	
5187878-92	KMC 2122	DEPT 21 REFRIGERATOR	10/18/07	1345	storage	
5187882-92	DEPT 21 Refrigerator	MAZ/2012	10/24/07	16:00	Analysis	
5187879-81	Dept. 21 Refrigerator	J. Wolf 2002	10/24/07	17:14	prep dilutions	
5187879-81	J. Wolf 2002	Dept. 21 Storage	10/24/07	17:47	Storage	
5187882-92	MAZ/2012	HP10534	10/24/07	23:00	Automated Analysis	
5187878-81	Dept. 21 Storage	J. Wolf 2002	10/24/07	23:00	2300 GCMS Analysis	
5187878-81	J. Wolf 2002	SH08363 Archon	10/25/07	0014	Automated Analysis	
5187878-81	SH08363 Archon	MFR 2139	10/25/07	0830	SHIFT CHANGE	
5187878-81	MFR 2139	DEPT. 21 STORAGE	10/25/07	0840	STORAGE	
5187882-92	HP10534	Jill/2075	10/25/07	1330	shift change	
5187882-92	Jill Irving	Dept 21 Storage	10/25/07	15:00	Analysis Complete	
						8886

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Original Sample
Secure Storage Chain of Custody

Client/Project: URS Corporation – Bridge Street - Plattsburgh, NY

Preservative: HCL Matrix: WW SDG: PNY03

Sample # Range of Entry Group: 5187878-92 Bottle Type: 40 mL vial(38c prescreen)

Sample Number(s) in Custody	Released By	Received By	Date of Transfer	Time of Transfer	Reason for Change of Custody	Dist., Extr., or Digest Chain Created (X)
5187878-91	A. Hutchison 210	VOA Refrigerator	10/18/07	1145	Entry to Storage	
5187878-91	VOA Refrigerator	J. Reed 1978	10-18-07	1400	Prescreen	
5187878-91	J. Reed 1978	Main Storage	10-18-07	2200	Storage	
						0007

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Original Sample
Secure Storage Chain of Custody

Client/Project: URS Corporation – Bridge Street - Plattsburgh, NY

Preservative: NaOH & Asc. Acid Matrix: WW SDG: PNY03

Sample # Range of Entry Group: 5187878-92 Bottle Type: 500 mL plastic(02)

Sample Number(s) in Custody	Released By	Received By	Date of Transfer	Time of Transfer	Reason for Change of Custody	Dist., Extr., or Digest Chain Created (X)
5187878,80-83, 85-87	A Hutchinson 210	SA Storage	10/18/07	1145	Entry to Storage	
5187878, 80-83, 85-87	SA Storage	S. Beisel 1108	10/19/07	1315	pH Check	
5187878, 80-83, 85-87	S. Beisel 1108	Main Storage	10/19/07	1315	Storage	
5187878, 80-83, 85-87	main storage	C. 1429 Mastropietro	10-23-07	8:00	cyanide prep	X
5187878, 80-83, 85-87	C. 1429 Mastropietro	main storage	10-23-07	15:40	storage	
						0508

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Department Storage Chain of Custody
Water Quality

Circle One: **Digest** **Distillate** **Extract** **Filtrate** **Subsample**

Client/Project: URS Corporation - Bridge Street - Plattsburgh, NY

Sample # Range from Entry Group: 5187878, 80-83, 85-87

SDG: PNY03 Bottle Type: 40mL vial

Sample Number(s) in Custody	Released By	Received By	Date of Transfer	Time of Transfer	Reason for Change of Custody
5187878, 80-83, 85-87	C. Hagy Mussoletti	dept. 27	10.23.07	15:45	Prep complete storage
5187878, 80-83 85-87	Dept 27	CA Shaff 1865	10/23/07	1745	CN Analysis
5187878, 80-83, 85-87	CA Shaff 1865	Main Storage	10/23/07	2355	analysis complete / storage

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Original Sample
Secure Storage Chain of Custody

Client/Project: URS Corporation – Bridge Street - Plattsburgh, NY

Preservative: Na2S2O3 Matrix: WW SDG: PNY03

Sample # Range of Entry Group: 5187878-92 Bottle Type: 1000 mL amber(45)

Sample Number(s) in Custody	Released By	Received By	Date of Transfer	Time of Transfer	Reason for Change of Custody	Dist., Extr., or Digest Chain Created (X)
5187878-87	A. Hutchison 710	SA Storage	10/18/07	1145	Entry to Storage	
5187878-87	SA Storage	1092 T. Bowers	10-18-07	1530	Transfer to Main Storage	
5187878-87	1092 T. Bowers	Main Storage	10-18-07	1535	Storage	
5187878-87	Main Storage	E.Eck 1702	10/21/07	18:00	Extraction	X
5187878-87	E. Eck	Main Storage	10/21/07	23:30	Storage	
5187883, 86, 84	Main Storage	D Tumbly 777	10/26/07	0730	PAH GCMS H_2O prep	X
5187883, 86, 84	D Tumbly 777	Main Storage	10/26/07	1100	Storage	

2016.01

Lancaster Laboratories

Organic Extraction
Secure Storage Chain of Custody
Extract

BATCH NO. 07298WAG026

Client URS Corporation

SDG: PNY03

Analysis: PAH by GC/MS - Water

Sample IDs

5187883	5187884	5187886

Sample Number(s)	Released by	Received by	Date	Time	Reason for Change of Custody
5187883, 884, 886	D Gundy 277	Dept 26 Storage	10/26/07	1310	Storage
5187883, 884, 886.	Dept 26	1970	10/26/07	18:50	Internalization
5187883, 884, 886	1970	HP05525	10/26/07	19:00	Analysis
5187883, 884, 886	HP05525	1970	10/28/07	13:58	Re-cap
5187883, 884, 886	1970	Dept 26	10/25/07	14:05	Storage
					0811

Lancaster Laboratories

Organic Extraction

Secure Storage Chain of Custody

Extract

BATCH NO. 07293WAB026

Client URS Corporation

SDG: PNY03

Analysis: PAH by GC/MS - Water

Sample IDs

5187878	5187879	5187880	5187881	5187882	5187883	5187884	5187885	5187886	5187887

Sample Number(s)	Released by	Received by	Date	Time	Reason for Change of Custody
5187878-87	E. Eck 1702	Dept 26 Storage	10/22/07	1:15	Storage
5187878-87	Dept. 26 Courier	246	10/24/07	9:45	Intercalice
5187878-87	246	HP05525	10/24/07	9:55	Analysis
5187878	HP05525	1970	10/24/07	19:03	Re-cap
5187878	1979	Dept. 26	10/24/07	19:09	Storage
5187879-87	HP05525 1970 10/25/07	1971	10/25/07	18:37	Re-cap
5187879-87	1971	Dept 26	10/25/07	18:45	Storage
					0812

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Original Sample

Secure Storage Chain of Custody

Client/Project: URS Corporation – Bridge Street - Plattsburgh, NY

Preservative: H2SO4 Matrix: WW SDG: PNY03

Sample # Range of Entry Group: 5187878-92 Bottle Type: 1000 mL glass(03)

Sample Number(s) in Custody	Released By	Received By	Date of Transfer	Time of Transfer	Reason for Change of Custody	Dist., Extr., or Digest Chain Created (X)
5187880-83,85-87	A Hutchins 710	SA Storage	10/18/07	1145	Entry to Storage	
5187880-83,85-87	SA Storage	S. Beisel 1168	10/19/07	1315	pH check	
5187880-83,85-87	S. Beisel 1168	Main Storage	10/19/07	1315	Storage	
5187880-83,85-87	Main Storage	NJ Shoop 1203	10-25-07	0715	phenol prep	X
5187880-83,85-87	NJ Shoop 1203	main Storage	10-25-07	1030	Storage	

2016.01

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

01163 GC/MS VOA Water Prep

An undiluted aliquot of the water sample or a dilution of the sample is purged with an inert gas and the volatiles are collected on an adsorbent trap that is subsequently desorbed onto a gas chromatographic column.

Reference: Test Methods for Evaluating Solid Wastes, SW-846 Method 5030B, December 1996.

02300 UST-Unleaded Waters by 8260B

The water sample is purged and the volatile compounds are collected on a sorbent trap that is subsequently desorbed onto the GC/MS system for chromatographic and mass spectral analysis.

Reference: Test Methods for Evaluating Solid Wastes, SW-846 Method 8260B, December 1996

07807 BNA Water Extraction

The sample aliquot is extracted with methylene chloride by either separatory funnel or liquid/liquid apparatus. Extraction is performed at a pH of 2. The extract is concentrated prior to analysis.

Reference: Test Methods for Evaluating Solid Wastes, SW-846 Method 3510C, December 1996

07805 PAHs in Water by GC/MS

The sample extract is analyzed by capillary column Gas Chromatography/Mass Spectrometry.

Reference: Test Methods for Evaluating Solid Wastes, SW-846 Method 8270C, December 1996

00237 Total Cyanide (water)

During the distillation step, complex cyanides are converted to hydrogen cyanide which readily reacts with chloramine T. Simple cyanides are converted to cyanogen chloride by reaction with chloramine T. This reacts with pyridine and barbituric acid to give a red colored complex with maximum light absorption at 570 nm.

Reference: Methods for Chemical Analysis of Water and Wastes USEPA 600/4-79-020, Method 335.4

00434 Phenols (water)

This method is based on automated distillation of phenol and the subsequent reaction with 4-aminoantipyrine in basic buffer to produce a red-colored complex. The absorbance is read at 505 nm and is compared to a standard curve.

Reference: Methods for Chemical Analysis of Water and Wastes, USEPA 600/4-79-020, Method 420.4

00491 Phenol Distillation (water)

The sample is acidified and the phenols distilled from nonvolatile impurities.

Reference: Methods for Chemical Analysis of Water and Wastes, USEPA 600/4-79-020, Method 420.4

00492 Cyanide Water Distillation

The sample is acidified and distilled. Cyanide is released as hydrogen cyanide and is absorbed in a sodium hydroxide solution.

Reference: Methods for Chemical Analysis of Water and Wastes USEPA 600/4-79-020, Method 335.4

Lancaster Laboratories

ANALYTICAL RESULTS

Prepared for:

URS Corporation
77 Goodell Street
Buffalo NY 14203

716-923-1129

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 1061547. Samples arrived at the laboratory on Thursday, October 18, 2007. The PO# for this group is 11175320.

Client Description	Lancaster Labs Number
MW-1B Grab Water Sample	5187878
MW-2B Grab Water Sample	5187879
MW-3B Grab Water Sample	5187880
MW-6B Grab Water Sample	5187881
MW-7BS Grab Water Sample	5187882
MW-7BD Grab Water Sample	5187883
MW-9B Grab Water Sample	5187884
MW-10B Grab Water Sample	5187885
MW-11B Grab Water Sample	5187886
URS 101707 Grab Water Sample	5187887
Drum 1 Grab Water Sample	5187888
Drum 2 Grab Water Sample	5187889
Drum 3 Grab Water Sample	5187890
Drum 4 Grab Water Sample	5187891
Trip Blank Water Sample	5187892

METHODOLOGY

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

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

8816

Lancaster Laboratories

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

Respectfully Submitted,

Christine Dulaney
Senior Specialist

0817

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

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5187878

MW-1B Grab Water Sample
Bridge Street 11175320

Collected:10/17/2007 10:00 by AF
through 10/17/2007 13:30
Submitted: 10/18/2007 08:50
Reported: 10/30/2007 at 11:01
Discard: 11/14/2007

Account Number: 08371

URS Corporation
77 Goodell Street
Buffalo NY 14203

BMW1B SDG#: PNY03-01
I 5E w

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
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	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
02300	UST-Unleaded Waters by 8260B						
05401	Benzene	71-43-2	0.8	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	10/23/2007 19:24	Courtney A Shaffer	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	10/24/2007 18:01	Joseph M Gambler	1

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

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5187878

MW-1B Grab Water Sample
Bridge Street 11175320

Collected:10/17/2007 10:00 by AF
through 10/17/2007 13:30
Submitted: 10/18/2007 08:50
Reported: 10/30/2007 at 11:01
Discard: 11/14/2007

Account Number: 08371

URS Corporation
77 Goodell Street
Buffalo NY 14203

BMW1B SDG#: PNY03-01

02300	UST-Unleaded Waters by 8260B	SW-846 8260B	1	10/25/2007 05:32	Matthew F Regan	1
00492	Cyanide Water Distillation	EPA 335.4	1	10/23/2007 12:00	Carolyn M Mastropietro	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/25/2007 05:32	Matthew F Regan	1
07807	BNA Water Extraction	SW-846 3510C	1	10/21/2007 18:00	Emma L Eck	1

0019

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

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5187879

MW-2B Grab Water Sample
Bridge Street 11175320

Collected:10/17/2007 10:30 by AF

Account Number: 08371

Submitted: 10/18/2007 08:50
Reported: 10/30/2007 at 11:01
Discard: 11/14/2007

URS Corporation
77 Goodell Street
Buffalo NY 14203

BMW2B SDG#: PNY03-02
I 5E w

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	200,000.	5,000.	ug/l	500
03951	Acenaphthylene	208-96-8	54,000.	500.	ug/l	50
03954	Acenaphthene	83-32-9	11,000.	500.	ug/l	50
03956	Fluorene	86-73-7	27,000.	500.	ug/l	50
03963	Phenanthrene	85-01-8	110,000.	5,000.	ug/l	500
03964	Anthracene	120-12-7	22,000.	500.	ug/l	50
03966	Fluoranthene	206-44-0	41,000.	500.	ug/l	50
03967	Pyrene	129-00-0	49,000.	500.	ug/l	50
03970	Benzo(a)anthracene	56-55-3	15,000.	500.	ug/l	50
03971	Chrysene	218-01-9	14,000.	500.	ug/l	50
03975	Benzo(b)fluoranthene	205-99-2	12,000.	500.	ug/l	50
03976	Benzo(k)fluoranthene	207-08-9	3,300.	50.	ug/l	5
03977	Benzo(a)pyrene	50-32-8	17,000.	500.	ug/l	50
03978	Indeno(1,2,3-cd)pyrene	193-39-5	9,600.	500.	ug/l	50
03979	Dibenz(a,h)anthracene	53-70-3	1,600.	50.	ug/l	5
03980	Benzo(g,h,i)perylene	191-24-2	12,000.	500.	ug/l	50

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

02300	UST-Unleaded Waters by 8260B					
05401	Benzene	71-43-2	1,700.	5.	ug/l	10
05407	Toluene	108-88-3	3,600.	70.	ug/l	100
05415	Ethylbenzene	100-41-4	2,300.	8.	ug/l	10
06310	Xylene (Total)	1330-20-7	3,900.	8.	ug/l	10

Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 11.

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

0020

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

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5187879

MW-2B Grab Water Sample
Bridge Street 11175320

Collected:10/17/2007 10:30 by AF

Account Number: 08371

Submitted: 10/18/2007 08:50
Reported: 10/30/2007 at 11:01
Discard: 11/14/2007

URS Corporation
77 Goodell Street
Buffalo NY 14203

BMW2B SDG#: PNY03-02

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07805	PAHs in Water by GC/MS	SW-846 8270C	1	10/24/2007 21:33	Gregory J Drahovsky	5
07805	PAHs in Water by GC/MS	SW-846 8270C	1	10/25/2007 10:29	Joseph M Gambler	50
07805	PAHs in Water by GC/MS	SW-846 8270C	1	10/25/2007 11:25	Joseph M Gambler	500
02300	UST-Unleaded Waters by 8260B	SW-846 8260B	1	10/25/2007 05:55	Matthew F Regan	10
02300	UST-Unleaded Waters by 8260B	SW-846 8260B	1	10/25/2007 06:19	Matthew F Regan	100
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/25/2007 05:55	Matthew F Regan	10
01163	GC/MS VOA Water Prep	SW-846 5030B	2	10/25/2007 06:19	Matthew F Regan	100
07807	BNA Water Extraction	SW-846 3510C	1	10/21/2007 18:00	Emma L Eck	1

0021

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5187880

MW-3B Grab Water Sample
Bridge Street 11175320

Collected:10/17/2007 12:00 by AF

Account Number: 08371

Submitted: 10/18/2007 08:50
Reported: 10/30/2007 at 11:01
Discard: 11/14/2007

URS Corporation
77 Goodell Street
Buffalo NY 14203

BMW3B SDG#: PNY03-03
I 5E w

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.	0.023	J	0.015	mg/l	1
07805	PAHs in Water by GC/MS						
03947	Naphthalene	91-20-3	1,100.		10.	ug/l	10
03951	Acenaphthylene	208-96-8	9.		1.	ug/l	1
03954	Acenaphthene	83-32-9	43.		1.	ug/l	1
03956	Fluorene	86-73-7	4.	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	UST-Unleaded Waters by 8260B						
05401	Benzene	71-43-2	760.		10.	ug/l	20
05407	Toluene	108-88-3	190.		1.	ug/l	2
05415	Ethylbenzene	100-41-4	390.		2.	ug/l	2
06310	Xylene (Total)	1330-20-7	290.		2.	ug/l	2

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	0822	Dilution Factor
00237	Total Cyanide (water)	EPA 335.4	1	10/23/2007 18:40	Courtney A Shoff		1

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

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5187880

MW-3B Grab Water Sample
Bridge Street 11175320

Collected:10/17/2007 12:00 by AF

Account Number: 08371

Submitted: 10/18/2007 08:50
Reported: 10/30/2007 at 11:01
Discard: 11/14/2007

URS Corporation
77 Goodell Street
Buffalo NY 14203

BMW3B SDG#: PNY03-03

00434	Phenols (water)	EPA 420.4	1	10/27/2007 13:51	Courtney A Shoff	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	10/24/2007 22:29	Gregory J Drahovsky	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	10/25/2007 12:21	Joseph M Gambler	10
02300	UST-Unleaded Waters by 8260B	SW-846 8260B	1	10/25/2007 06:42	Matthew F Regan	2
02300	UST-Unleaded Waters by 8260B	SW-846 8260B	1	10/25/2007 07:06	Matthew F Regan	20
00491	Phenol Distillation (water)	EPA 420.4	1	10/25/2007 10:00	Nancy J Shoop	1
00492	Cyanide Water Distillation	EPA 335.4	1	10/23/2007 12:00	Carolyn M Mastropietro	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/25/2007 06:42	Matthew F Regan	2
01163	GC/MS VOA Water Prep	SW-846 5030B	2	10/25/2007 07:06	Matthew F Regan	20
07807	BNA Water Extraction	SW-846 3510C	1	10/21/2007 18:00	Emma L Eck	1

0023

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

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5187881

MW-6B Grab Water Sample
Bridge Street 11175320

Collected:10/17/2007 13:00 by AF

Account Number: 08371

Submitted: 10/18/2007 08:50
Reported: 10/30/2007 at 11:01
Discard: 11/14/2007

URS Corporation
77 Goodell Street
Buffalo NY 14203

BMW6B SDG#: PNY03-04
I 5E w

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.	0.11		0.015	mg/l	1
07805	PAHs in Water by GC/MS						
03947	Naphthalene	91-20-3	830.		24.	ug/l	25
03951	Acenaphthylene	208-96-8	760.		24.	ug/l	25
03954	Acenaphthene	83-32-9	120.		5.	ug/l	5
03956	Fluorene	86-73-7	260.		5.	ug/l	5
03963	Phenanthrene	85-01-8	1,500.		24.	ug/l	25
03964	Anthracene	120-12-7	390.		5.	ug/l	5
03966	Fluoranthene	206-44-0	940.		24.	ug/l	25
03967	Pyrene	129-00-0	1,200.		24.	ug/l	25
03970	Benzo(a)anthracene	56-55-3	360.		5.	ug/l	5
03971	Chrysene	218-01-9	350.		5.	ug/l	5
03975	Benzo(b)fluoranthene	205-99-2	290.		5.	ug/l	5
03976	Benzo(k)fluoranthene	207-08-9	120.		5.	ug/l	5
03977	Benzo(a)pyrene	50-32-8	380.		5.	ug/l	5
03978	Indeno(1,2,3-cd)pyrene	193-39-5	240.		5.	ug/l	5
03979	Dibenz(a,h)anthracene	53-70-3	54.		5.	ug/l	5
03980	Benzo(g,h,i)perylene	191-24-2	300.		5.	ug/l	5
02300	UST-Unleaded Waters by 8260B						
05401	Benzene	71-43-2	14.		0.5	ug/l	1
05407	Toluene	108-88-3	30.		0.7	ug/l	1
05415	Ethylbenzene	100-41-4	1.	J	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	91.		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	10/23/2007 18:41	Courtney A Shoff 0824	1

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

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5187881

MW-6B Grab Water Sample
Bridge Street 11175320

Collected:10/17/2007 13:00 by AF

Account Number: 08371

Submitted: 10/18/2007 08:50
Reported: 10/30/2007 at 11:01
Discard: 11/14/2007

URS Corporation
77 Goodell Street
Buffalo NY 14203

BMW6B SDG#: PNY03-04

00434	Phenols (water)	EPA 420.4	1	10/27/2007 13:52	Courtney A Shoff	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	10/24/2007 23:25	Gregory J Drahovsky	5
07805	PAHs in Water by GC/MS	SW-846 8270C	1	10/25/2007 13:17	Joseph M Gambler	25
02300	UST-Unleaded Waters by 8260B	SW-846 8260B	1	10/25/2007 07:29	Matthew F Regan	1
00491	Phenol Distillation (water)	EPA 420.4	1	10/25/2007 10:00	Nancy J Shoop	1
00492	Cyanide Water Distillation	EPA 335.4	1	10/23/2007 12:00	Carolyn M Mastropietro	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/25/2007 07:29	Matthew F Regan	1
07807	BNA Water Extraction	SW-846 3510C	1	10/21/2007 18:00	Emma L Eck	1

0025

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

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5187882

MW-7BS Grab Water Sample
Bridge Street 11175320

Collected:10/17/2007 11:15 by AF

Account Number: 08371

Submitted: 10/18/2007 08:50
Reported: 10/30/2007 at 11:01
Discard: 11/14/2007

URS Corporation
77 Goodell Street
Buffalo NY 14203

BM7BS SDG#: PNY03-05
I 5E w

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
00237	Total Cyanide (water)	57-12-5	N.D.		0.0050	mg/l	1
00434	Phenols (water)	n.a.	N.D.		0.015	mg/l	1
07805	PAHs in Water by GC/MS						
03947	Naphthalene	91-20-3	48.		0.9	ug/l	1
03951	Acenaphthylene	208-96-8	18.		0.9	ug/l	1
03954	Acenaphthene	83-32-9	42.		0.9	ug/l	1
03956	Fluorene	86-73-7	16.		0.9	ug/l	1
03963	Phenanthrene	85-01-8	48.		0.9	ug/l	1
03964	Anthracene	120-12-7	8.		0.9	ug/l	1
03966	Fluoranthene	206-44-0	6.		0.9	ug/l	1
03967	Pyrene	129-00-0	6.		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	UST-Unleaded Waters by 8260B						
05401	Benzene	71-43-2	22.		0.5	ug/l	1
05407	Toluene	108-88-3	3.	J	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	10.		0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	10.		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	0026	Dilution Factor
00237	Total Cyanide (water)	EPA 335.4	1	10/23/2007 18:43	Courtney A Shoff		1

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

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5187882

MW-7BS Grab Water Sample
Bridge Street 11175320

Collected:10/17/2007 11:15 by AF

Account Number: 08371

Submitted: 10/18/2007 08:50
Reported: 10/30/2007 at 11:01
Discard: 11/14/2007

URS Corporation
77 Goodell Street
Buffalo NY 14203

BM7BS SDG#: PNY03-05

00434	Phenols (water)	EPA 420.4	1	10/27/2007 13:53	Courtney A Shoff	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	10/25/2007 00:21	Gregory J Drahovsky	1
02300	UST-Unleaded Waters by 8260B	SW-846 8260B	1	10/24/2007 19:16	Michael A Ziegler	1
00491	Phenol Distillation (water)	EPA 420.4	1	10/25/2007 10:00	Nancy J Shoop	1
00492	Cyanide Water Distillation	EPA 335.4	1	10/23/2007 12:00	Carolyn M Mastropietro	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/24/2007 19:16	Michael A Ziegler	1
07807	BNA Water Extraction	SW-846 3510C	1	10/21/2007 18:00	Emma L Eck	1

0827

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

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5187883

MW-7BD Grab Water Sample
Bridge Street 11175320

Collected:10/17/2007 10:50 by AF

Account Number: 08371

Submitted: 10/18/2007 08:50
Reported: 10/30/2007 at 11:01
Discard: 11/14/2007

URS Corporation
77 Goodell Street
Buffalo NY 14203

BM7BD SDG#: PNY03-06
I 5E w

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.	0.15	0.015	mg/l	1
07805	PAHs in Water by GC/MS					
03947	Naphthalene	91-20-3	4,100.	97.	ug/l	100
03951	Acenaphthylene	208-96-8	360.	5.	ug/l	5
03954	Acenaphthene	83-32-9	79.	1.	ug/l	1
03956	Fluorene	86-73-7	130.	5.	ug/l	5
03963	Phenanthrene	85-01-8	400.	5.	ug/l	5
03964	Anthracene	120-12-7	74.	1.	ug/l	1
03966	Fluoranthene	206-44-0	140.	5.	ug/l	5
03967	Pyrene	129-00-0	170.	5.	ug/l	5
03970	Benzo(a)anthracene	56-55-3	45.	1.	ug/l	1
03971	Chrysene	218-01-9	45.	1.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	39.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	14.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	51.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	30.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	6.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	35.	1.	ug/l	1

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

02300	UST-Unleaded Waters by 8260B					
05401	Benzene	71-43-2	1,400.	25.	ug/l	50
05407	Toluene	108-88-3	1,600.	35.	ug/l	50
05415	Ethylbenzene	100-41-4	660.	4.	ug/l	5
06310	Xylene (Total)	1330-20-7	1,500.	4.	ug/l	5

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

0828

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

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5187883

MW-7BD Grab Water Sample
Bridge Street 11175320

Collected:10/17/2007 10:50 by AF

Account Number: 08371

Submitted: 10/18/2007 08:50
Reported: 10/30/2007 at 11:01
Discard: 11/14/2007

URS Corporation
77 Goodell Street
Buffalo NY 14203

BM7BD SDG#: PNY03-06

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00237	Total Cyanide (water)	EPA 335.4	1	10/23/2007 18:44	Courtney A Shoff	1
00434	Phenols (water)	EPA 420.4	1	10/27/2007 13:54	Courtney A Shoff	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	10/25/2007 01:17	Gregory J Drahovsky	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	10/25/2007 14:13	Joseph M Gambler	5
07805	PAHs in Water by GC/MS	SW-846 8270C	1	10/25/2007 15:08	Joseph M Gambler	100
02300	UST-Unleaded Waters by 8260B	SW-846 8260B	1	10/24/2007 19:39	Michael A Ziegler	5
02300	UST-Unleaded Waters by 8260B	SW-846 8260B	1	10/24/2007 20:02	Michael A Ziegler	50
00491	Phenol Distillation (water)	EPA 420.4	1	10/25/2007 10:00	Nancy J Shoop	1
00492	Cyanide Water Distillation	EPA 335.4	1	10/23/2007 12:00	Carolyn M Mastropietro	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/24/2007 19:39	Michael A Ziegler	5
01163	GC/MS VOA Water Prep	SW-846 5030B	2	10/24/2007 20:02	Michael A Ziegler	50
07807	BNA Water Extraction	SW-846 3510C	1	10/21/2007 18:00	Emma L Eck	1

0629

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

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5187884

MW-9B Grab Water Sample
Bridge Street 11175320

Collected:10/17/2007 13:20 by AF

Account Number: 08371

Submitted: 10/18/2007 08:50
Reported: 10/30/2007 at 11:01
Discard: 11/14/2007

URS Corporation
77 Goodell Street
Buffalo NY 14203

BMW9B SDG#: PNY03-07
I 5E w

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	1.	J	1.	ug/l	1
03951	Acenaphthylene	208-96-8	2.	J	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	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
	Surrogate recoveries were outside of QC limits for the GC/MS semivolatile analysis. Sufficient sample was unavailable to repeat the analysis.						
02300	UST-Unleaded Waters by 8260B						
05401	Benzene	71-43-2	N.D.		0.5	ug/l	1
05407	Toluene	108-88-3	N.D.		0.7	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.		0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.		0.8	ug/l	1
	Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 6.						

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

0936

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

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5187884

MW-9B Grab Water Sample
Bridge Street 11175320

Collected:10/17/2007 13:20 by AF

Account Number: 08371

Submitted: 10/18/2007 08:50
Reported: 10/30/2007 at 11:01
Discard: 11/14/2007

URS Corporation
77 Goodell Street
Buffalo NY 14203

BMW9B SDG#: PNY03-07

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
07805	PAHs in Water by GC/MS	SW-846 8270C	1	10/25/2007 02:13	Gregory J Drahovsky	1
02300	UST-Unleaded Waters by 8260B	SW-846 8260B	1	10/24/2007 20:26	Michael A Ziegler	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/24/2007 20:26	Michael A Ziegler	1
07807	BNA Water Extraction	SW-846 3510C	1	10/21/2007 18:00	Emma L Eck	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5187885

MW-10B Grab Water Sample
Bridge Street 11175320

Collected:10/17/2007 12:30 by AF

Account Number: 08371

Submitted: 10/18/2007 08:50
Reported: 10/30/2007 at 11:01
Discard: 11/14/2007

URS Corporation
77 Goodell Street
Buffalo NY 14203

BM10B SDG#: PNY03-08
I 5E w

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00237	Total Cyanide (water)	57-12-5	N.D.	0.0050	mg/l	1
00434	Phenols (water)	n.a.	N.D.	0.015	mg/l	1
07805	PAHs in Water by GC/MS					
03947	Naphthalene	91-20-3	N.D.	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
02300	UST-Unleaded Waters 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	0832	Dilution Factor
00237	Total Cyanide (water)	EPA 335.4	1	10/23/2007 18:47	Courtney A Shoff		1

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5187885

MW-10B Grab Water Sample
Bridge Street 11175320

Collected:10/17/2007 12:30 by AF

Account Number: 08371

Submitted: 10/18/2007 08:50
Reported: 10/30/2007 at 11:01
Discard: 11/14/2007

URS Corporation
77 Goodell Street
Buffalo NY 14203

BM10B SDG#: PNY03-08

00434	Phenols (water)	EPA 420.4	1	10/27/2007 13:57	Courtney A Shoff	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	10/25/2007 03:09	Gregory J Drahovsky	1
02300	UST-Unleaded Waters by 8260B	SW-846 8260B	1	10/24/2007 21:12	Michael A Ziegler	1
00491	Phenol Distillation (water)	EPA 420.4	1	10/25/2007 10:00	Nancy J Shoop	1
00492	Cyanide Water Distillation	EPA 335.4	1	10/23/2007 12:00	Carolyn M Mastropietro	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/24/2007 21:12	Michael A Ziegler	1
07807	BNA Water Extraction	SW-846 3510C	1	10/21/2007 18:00	Emma L Eck	1

0033

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

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5187886

MW-11B Grab Water Sample
Bridge Street 11175320

Collected:10/17/2007 11:45 by AF

Account Number: 08371

Submitted: 10/18/2007 08:50
Reported: 10/30/2007 at 11:01
Discard: 11/14/2007

URS Corporation
77 Goodell Street
Buffalo NY 14203

BM11B SDG#: PNY03-09
I 5E w

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit	Units	Dilution Factor
00237	Total Cyanide (water)	57-12-5	0.011		0.0050	mg/l	1
00434	Phenols (water)	n.a.	0.16		0.038	mg/l	1
07805	PAHs in Water by GC/MS						
03947	Naphthalene	91-20-3	36.		1.	ug/l	1
03951	Acenaphthylene	208-96-8	9.		1.	ug/l	1
03954	Acenaphthene	83-32-9	5.	J	1.	ug/l	1
03956	Fluorene	86-73-7	2.	J	1.	ug/l	1
03963	Phenanthrene	85-01-8	5.	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

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

02300	UST-Unleaded Waters by 8260B						
05401	Benzene	71-43-2	4.	J	0.5	ug/l	1
05407	Toluene	108-88-3	7.		0.7	ug/l	1
05415	Ethylbenzene	100-41-4	3.	J	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	10.		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.

0034

Lancaster Laboratories, Inc.
2425 New Holland Pike
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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5187886

MW-11B Grab Water Sample
Bridge Street 11175320

Collected:10/17/2007 11:45 by AF

Account Number: 08371

Submitted: 10/18/2007 08:50
Reported: 10/30/2007 at 11:01
Discard: 11/14/2007

URS Corporation
77 Goodell Street
Buffalo NY 14203

BM11B SDG#: PNY03-09

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00237	Total Cyanide (water)	EPA 335.4	1	10/23/2007 18:48	Courtney A Shoff	1
00434	Phenols (water)	EPA 420.4	1	10/27/2007 13:58	Courtney A Shoff	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	10/25/2007 04:05	Gregory J Drahovsky	1
02300	UST-Unleaded Waters by 8260B	SW-846 8260B	1	10/24/2007 21:35	Michael A Ziegler	1
00491	Phenol Distillation (water)	EPA 420.4	1	10/25/2007 10:00	Nancy J Shoop	1
00492	Cyanide Water Distillation	EPA 335.4	1	10/23/2007 12:00	Carolyn M Mastropietro	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/24/2007 21:35	Michael A Ziegler	1
07807	BNA Water Extraction	SW-846 3510C	1	10/21/2007 18:00	Emma L Eck	1

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5187887

URS 101707 Grab Water Sample
Bridge Street 11175320

Collected:10/17/2007 by AF

Account Number: 08371

Submitted: 10/18/2007 08:50
Reported: 10/30/2007 at 11:01
Discard: 11/14/2007

URS Corporation
77 Goodell Street
Buffalo NY 14203

B-URS SDG#: PNY03-10
I 5E w

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00237	Total Cyanide (water)	57-12-5	N.D.	0.0050	mg/l	1
00434	Phenols (water)	n.a.	N.D.	0.015	mg/l	1
07805	PAHs in Water by GC/MS					
03947	Naphthalene	91-20-3	N.D.	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
02300	UST-Unleaded Waters 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	0036	Dilution Factor
00237	Total Cyanide (water)	EPA 335.4	1	10/23/2007 18:50	Courtney A Shoff		1

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

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5187887

URS 101707 Grab Water Sample
Bridge Street 11175320

Collected:10/17/2007 by AF

Account Number: 08371

Submitted: 10/18/2007 08:50
Reported: 10/30/2007 at 11:01
Discard: 11/14/2007

URS Corporation
77 Goodell Street
Buffalo NY 14203

B-URS SDG#: PNY03-10

00434	Phenols (water)	EPA 420.4	1	10/27/2007 13:59	Courtney A Shoff	1
07805	PAHs in Water by GC/MS	SW-846 8270C	1	10/25/2007 05:00	Gregory J Drahovsky	1
02300	UST-Unleaded Waters by 8260B	SW-846 8260B	1	10/24/2007 21:59	Michael A Ziegler	1
00491	Phenol Distillation (water)	EPA 420.4	1	10/25/2007 10:00	Nancy J Shoop	1
00492	Cyanide Water Distillation	EPA 335.4	1	10/23/2007 12:00	Carolyn M Mastropietro	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/24/2007 21:59	Michael A Ziegler	1
07807	BNA Water Extraction	SW-846 3510C	1	10/21/2007 18:00	Emma L Eck	1

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

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5187888

Drum 1 Grab Water Sample
Bridge Street 11175320

Collected:10/17/2007 14:00 by AF

Account Number: 08371

Submitted: 10/18/2007 08:50
Reported: 10/30/2007 at 11:01
Discard: 11/14/2007

URS Corporation
77 Goodell Street
Buffalo NY 14203

DRUM1 SDG#: PNY03-11
I 5E w

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02300	UST-Unleaded Waters by 8260B					
05401	Benzene	71-43-2	330.	1.	ug/l	2
05407	Toluene	108-88-3	380.	1.	ug/l	2
05415	Ethylbenzene	100-41-4	190.	2.	ug/l	2
06310	Xylene (Total)	1330-20-7	440.	2.	ug/l	2

Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 5.

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	UST-Unleaded Waters by 8260B	SW-846 8260B	1	10/24/2007 22:22	Michael A Ziegler	2
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/24/2007 22:22	Michael A Ziegler	2

0030

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

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5187889

Drum 2 Grab Water Sample
Bridge Street 11175320

Collected:10/17/2007 14:10 by AF

Account Number: 08371

Submitted: 10/18/2007 08:50
Reported: 10/30/2007 at 11:01
Discard: 11/14/2007

URS Corporation
77 Goodell Street
Buffalo NY 14203

DRUM2 SDG#: PNY03-12
I 5E w

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02300	UST-Unleaded Waters by 8260B					
05401	Benzene	71-43-2	78.	1.	ug/l	2
05407	Toluene	108-88-3	150.	1.	ug/l	2
05415	Ethylbenzene	100-41-4	120.	2.	ug/l	2
06310	Xylene (Total)	1330-20-7	210.	2.	ug/l	2

The reporting limits for the GC/MS volatile compounds were raised due to the level of non-target compounds.

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	UST-Unleaded Waters by 8260B	SW-846 8260B	1	10/24/2007 23:09	Michael A Ziegler	2
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/24/2007 23:09	Michael A Ziegler	2

0039

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5187890

Drum 3 Grab Water Sample
Bridge Street 11175320

Collected:10/17/2007 14:20 by AF

Account Number: 08371

Submitted: 10/18/2007 08:50
Reported: 10/30/2007 at 11:01
Discard: 11/14/2007

URS Corporation
77 Goodell Street
Buffalo NY 14203

DRUM3 SDG#: PNY03-13
I 5E w

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02300	UST-Unleaded Waters by 8260B					
05401	Benzene	71-43-2	1,100.	5.	ug/l	10
05407	Toluene	108-88-3	2,400.	70.	ug/l	100
05415	Ethylbenzene	100-41-4	1,700.	8.	ug/l	10
06310	Xylene (Total)	1330-20-7	2,900.	8.	ug/l	10

Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 5.

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	UST-Unleaded Waters by 8260B	SW-846 8260B	1	10/24/2007 23:55	Michael A Ziegler	10
02300	UST-Unleaded Waters by 8260B	SW-846 8260B	1	10/25/2007 00:18	Michael A Ziegler	100
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/24/2007 23:55	Michael A Ziegler	10
01163	GC/MS VOA Water Prep	SW-846 5030B	2	10/25/2007 00:18	Michael A Ziegler	100

0049

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

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5187891

Drum 4 Grab Water Sample
Bridge Street 11175320

Collected:10/17/2007 14:30 by AF

Account Number: 08371

Submitted: 10/18/2007 08:50
Reported: 10/30/2007 at 11:01
Discard: 11/14/2007

URS Corporation
77 Goodell Street
Buffalo NY 14203

DRUM4 SDG#: PNY03-14
I 5E w

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02300	UST-Unleaded Waters by 8260B					
05401	Benzene	71-43-2	28.	0.5	ug/l	1
05407	Toluene	108-88-3	7.	0.7	ug/l	1
05415	Ethylbenzene	100-41-4	13.	0.8	ug/l	1
06310	Xylene (Total)	1330-20-7	16.	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	UST-Unleaded Waters by 8260B	SW-846 8260B	1	10/25/2007 00:41	Michael A Ziegler	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/25/2007 00:41	Michael A Ziegler	1

0041

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

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5187892

Trip Blank Water Sample
Bridge Street 11175320

Collected:10/17/2007

Account Number: 08371

Submitted: 10/18/2007 08:50
Reported: 10/30/2007 at 11:01
Discard: 11/14/2007

URS Corporation
77 Goodell Street
Buffalo NY 14203

DRUTB SDG#: PNY03-15TB
I 5E w

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02300	UST-Unleaded Waters 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	UST-Unleaded Waters by 8260B	SW-846 8260B	1	10/25/2007 01:04	Michael A Ziegler	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/25/2007 01:04	Michael A Ziegler	1

0042

Lancaster Laboratories, Inc.
2425 New Holland Pike
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Lancaster, PA 17605-2425
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Volatiles by GC/MS Data

Case Narrative
Conformance/Nonconformance Summary

CASE NARRATIVE
Client: URS Corporation
SDG#: PNY03

LANCASTER LABORATORIES
VOLATILES BY GC/MS

SAMPLE NUMBER(S):

LL #'s	Sample Code	Matrix Water	Comments
5187878	BMW1B	X	
5187879	BMW2B	X	10 X Dilution
5187879	BMW2BDL	X	100 X Dilution
5187880	BMW3B	X	2 X Dilution
5187880	BMW3BDL	X	20 X Dilution
5187881	BMW6B	X	
5187882	BM7BS	X	
5187883	BM7BD	X	5 X Dilution
5187883	BM7BDDL	X	50 X Dilution
5187884	BMW9B	X	Unspiked
5187884	BMW9BMS	X	Matrix Spike
5187885	BM10B	X	
5187886	BM11B	X	
5187887	B-URS	X	
5187888	DRUM1	X	2 X Dilution
5187889	DRUM2	X	2 X Dilution
5187890	DRUM3	X	10 X Dilution
5187890	DRUM3DL	X	100 X Dilution
5187891	DRUM4	X	
5187892	DRUTB	X	Client Blank

LABORATORY SUBMITTED QC:

VBLKD43	VBLKD43	X	Method Blank
VBLKT19	VBLKT19	X	Method Blank
LCS-43	LCS-43	X	Lab Control Sample
LCD-43	LCD-43	X	Lab Control Sample Dup
LCST19	LCST19	X	Lab Control Sample

0045

SAMPLE PREPARATION:

No problems were encountered during the sample preparation for the VOA fraction.

ANALYSIS:

The vials submitted for samples 5187879, 5187884, 5187888, and 5187890 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 reporting limits for sample 5187889 were raised due to the level of non-targets.

No other problems were encountered during the analysis of these samples.

QUALITY CONTROL and NONCONFORMANCE SUMMARY:

Matrix QC may not be included if site-specific QC 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 or by the client.

All QC was within specifications.

DATA INTERPRETATION:

The Volatile Organics Data Sheets (form 1A) in the Sample Data section are reported to the limit of quantitation (LOQ), whereas the Analysis Reports are reported to the project limit. Due to this, some differences might be observed.

No further interpretation is necessary for the data submitted.

CALCULATIONS:

1. Relative response factor (RRF)

$$RRF = \frac{Ax}{Ais} \times \frac{Cis}{Cx}$$

Where :
Ax = Area of the characteristic ion for the compound to be measured.
Ais = Area of the characteristic ion for the specific internal standard to be measured.
Cis = Concentration of the internal standard.
Cx = Concentration of the compound to be measured.

2. % Relative Standard Deviation (%RSD)

$$\%RSD = \frac{\text{Standard deviation}}{\text{mean}} \times 100$$

6846

3. % Difference (%D)

$$\%D = \frac{RRFc - RRFi}{RRFi} \times 100$$

Where:
RRFc=Relative response factor from continuing calibration standard.
RRFi = Mean relative response factor from the initial calibration.

4. Concentration

$$\text{Concentration (ug/l)} = \frac{(Ax)\ (Is)\ (Df)}{(Ais)\ (RRF)}$$

Where:
Ax , Ais, RRF are as given in 1. above.
Is = Concentration of internal standard added in parts per billion (ug/l)
Df = Dilution factor

5. % Recovery (%Rec)

$$\%Rec = \frac{SSR - SR}{SA} \times 100$$

Where:
SSR = Spiked sample result
SR = Sample result
SA = Spike added

6. Relative Percent Difference (RPD)

$$RPD = \frac{|\ MSR - MSDR\ |}{(1/2)\ (MSR+MSDR)} \times 100$$

Where:
MSR = Matrix spike recovery
MSDR = Matrix spike duplicate recovery

Case Narrative reviewed and approved by:

Dana M. Kauffman
Manager, Data Deliverables

Date 11-14-07

0047

Sample Data

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BMW1B

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5187878

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: SH08363.i/07oct24b.b/tc24s47.d

Level: (low/med) LOW Date Received: 10/18/07

Moisture: not dec. _____ Date Analyzed: 10/25/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
71-43-2	Benzene	0.8	J
108-88-3	Toluene	5	U
100-41-4	Ethylbenzene	5	U
1330-20-7	Xylene (Total)	5	U

8849

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BMW2B

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5187879

Sample wt/vol: 0.50 (g/mL) mL Lab File ID: SH08363.i/07oct24b.b/tc24s48.d

Level: (low/med) LOW Date Received: 10/18/07

Moisture: not dec. _____ Date Analyzed: 10/25/07

Column: (pack/cap) CAP Dilution Factor: 10.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
71-43-2	Benzene	1700	
108-88-3	Toluene	3500	E
100-41-4	Ethylbenzene	2300	
1330-20-7	Xylene (Total)	3900	

0050

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BMW2BDL

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5187879

Sample wt/vol: 0.05 (g/mL) mL Lab File ID: SH08363.i/07oct24b.b/tc24s49.d

Level: (low/med) LOW Date Received: 10/18/07

Moisture: not dec. _____ Date Analyzed: 10/25/07

Column: (pack/cap) CAP Dilution Factor: 100.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
71-43-2	Benzene	1700	D
108-88-3	Toluene	3600	D
100-41-4	Ethylbenzene	2200	D
1330-20-7	Xylene (Total)	3700	D

0051

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BMW3B

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5187880

Sample wt/vol: 2.50 (g/mL) mL Lab File ID: SH08363.i/07oct24b.b/tc24s50.d

Level: (low/med) LOW Date Received: 10/18/07

Moisture: not dec. _____ Date Analyzed: 10/25/07

Column: (pack/cap) CAP Dilution Factor: 2.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
71-43-2	Benzene	720	E
108-88-3	Toluene	190	
100-41-4	Ethylbenzene	390	
1330-20-7	Xylene (Total)	290	

6852

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BMW3BDL

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5187880

Sample wt/vol: 0.25 (g/mL) mL Lab File ID: SH08363.i/07oct24b.b/tc24s51.d

Level: (low/med) LOW Date Received: 10/18/07

Moisture: not dec. _____ Date Analyzed: 10/25/07

Column: (pack/cap) CAP Dilution Factor: 20.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
71-43-2	Benzene	760	D
108-88-3	Toluene	180	D
100-41-4	Ethylbenzene	350	D
1330-20-7	Xylene (Total)	260	D

0053

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BMW6B

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5187881

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: SH08363.i/07oct24b.b/tc24s52.d

Level: (low/med) LOW Date Received: 10/18/07

Moisture: not dec. _____ Date Analyzed: 10/25/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
71-43-2	Benzene	14	
108-88-3	Toluene	30	
100-41-4	Ethylbenzene	1	J
1330-20-7	Xylene (Total)	91	

0054

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BM7BS

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5187882

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP10534.i/07oct24b.b/dc24q05.d

Level: (low/med) LOW Date Received: 10/18/07

Moisture: not dec. _____ Date Analyzed: 10/24/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
71-43-2	Benzene	22	
108-88-3	Toluene	3	J
100-41-4	Ethylbenzene	10	
1330-20-7	Xylene (Total)	10	

0055

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BM7BD

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5187883

Sample wt/vol: 1.00 (g/mL) mL Lab File ID: HP10534.i/07oct24b.b/dc24q07.d

Level: (low/med) LOW Date Received: 10/18/07

Moisture: not dec. _____ Date Analyzed: 10/24/07

Column: (pack/cap) CAP Dilution Factor: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
71-43-2	Benzene	1300	E
108-88-3	Toluene	1500	E
100-41-4	Ethylbenzene	660	
1330-20-7	Xylene (Total)	1500	

0056

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BM7BDDL

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5187883

Sample wt/vol: 0.10 (g/mL) mL Lab File ID: HP10534.i/07oct24b.b/dc24q09.d

Level: (low/med) LOW Date Received: 10/18/07

Moisture: not dec. _____ Date Analyzed: 10/24/07

Column: (pack/cap) CAP Dilution Factor: 50.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
71-43-2	Benzene	1400	D
108-88-3	Toluene	1600	D
100-41-4	Ethylbenzene	670	D
1330-20-7	Xylene (Total)	1500	D

6857

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BMW9B

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5187884

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP10534.i/07oct24b.b/dc24q11.d

Level: (low/med) LOW Date Received: 10/18/07

Moisture: not dec. _____ Date Analyzed: 10/24/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
71-43-2	Benzene	5	U
108-88-3	Toluene	5	U
100-41-4	Ethylbenzene	5	U
1330-20-7	Xylene (Total)	5	U

0058

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BM10B

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5187885

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP10534.i/07oct24b.b/dc24q15.d

Level: (low/med) LOW Date Received: 10/18/07

Moisture: not dec. _____ Date Analyzed: 10/24/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
71-43-2	Benzene	5	U
108-88-3	Toluene	5	U
100-41-4	Ethylbenzene	5	U
1330-20-7	Xylene (Total)	5	U

0059

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BM11B

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5187886

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP10534.i/07oct24b.b/dc24q17.d

Level: (low/med) LOW Date Received: 10/18/07

Moisture: not dec. _____ Date Analyzed: 10/24/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
71-43-2	Benzene	4	J
108-88-3	Toluene	7	
100-41-4	Ethylbenzene	3	J
1330-20-7	Xylene (Total)	10	

0069

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-URS

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5187887

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP10534.i/07oct24b.b/dc24q19.d

Level: (low/med) LOW Date Received: 10/18/07

Moisture: not dec. _____ Date Analyzed: 10/24/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
71-43-2	Benzene	5	U
108-88-3	Toluene	5	U
100-41-4	Ethylbenzene	5	U
1330-20-7	Xylene (Total)	5	U

9861

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DRUM1

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5187888

Sample wt/vol: 2.50 (g/mL) mL Lab File ID: HP10534.i/07oct24b.b/dc24q21.d

Level: (low/med) LOW Date Received: 10/18/07

Moisture: not dec. _____ Date Analyzed: 10/24/07

Column: (pack/cap) CAP Dilution Factor: 2.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
71-43-2	Benzene	330	
108-88-3	Toluene	380	
100-41-4	Ethylbenzene	190	
1330-20-7	Xylene (Total)	440	

0062

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DRUM2

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5187889

Sample wt/vol: 2.50 (g/mL) mL Lab File ID: HP10534.i/07oct24b.b/dc24q25.d

Level: (low/med) LOW Date Received: 10/18/07

Moisture: not dec. _____ Date Analyzed: 10/24/07

Column: (pack/cap) CAP Dilution Factor: 2.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
71-43-2	Benzene	78	
108-88-3	Toluene	150	
100-41-4	Ethylbenzene	120	
1330-20-7	Xylene (Total)	210	

0063

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DRUM3

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5187890

Sample wt/vol: 0.50 (g/mL) mL Lab File ID: HP10534.i/07oct24b.b/dc24q29.d

Level: (low/med) LOW Date Received: 10/18/07

Moisture: not dec. _____ Date Analyzed: 10/24/07

Column: (pack/cap) CAP Dilution Factor: 10.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
71-43-2	Benzene	1100	
108-88-3	Toluene	2300	E
100-41-4	Ethylbenzene	1700	
1330-20-7	Xylene (Total)	2900	

0064

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DRUM3DL

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5187890

Sample wt/vol: 0.05 (g/mL) mL Lab File ID: HP10534.i/07oct24b.b/dc24q31.d

Level: (low/med) LOW Date Received: 10/18/07

Moisture: not dec. _____ Date Analyzed: 10/25/07

Column: (pack/cap) CAP Dilution Factor: 100.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
71-43-2	Benzene	1100	D
108-88-3	Toluene	2400	D
100-41-4	Ethylbenzene	1800	D
1330-20-7	Xylene (Total)	3000	D

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DRUM4

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5187891

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP10534.i/07oct24b.b/dc24q33.d

Level: (low/med) LOW Date Received: 10/18/07

Moisture: not dec. _____ Date Analyzed: 10/25/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
71-43-2	Benzene	28	
108-88-3	Toluene	7	
100-41-4	Ethylbenzene	13	
1330-20-7	Xylene (Total)	16	

0066

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DRUTB

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5187892

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP10534.i/07oct24b.b/dc24q35.d

Level: (low/med) LOW Date Received: 10/18/07

Moisture: not dec. _____ Date Analyzed: 10/25/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L		Q
71-43-2	Benzene		5	U
108-88-3	Toluene		5	U
100-41-4	Ethylbenzene		5	U
1330-20-7	Xylene (Total)		5	U

0067

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKD43

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: VBLKD43

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP10534.i/07oct24b.b/dc24b03.d

Level: (low/med) LOW Date Received:

Moisture: not dec. _____ Date Analyzed: 10/24/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
1634-04-4	Methyl Tertiary Butyl Ether	1	U
71-43-2	Benzene	1	U
108-88-3	Toluene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	m+p-Xylene	1	U
1330-20-7	Xylene (Total)	1	U
95-47-6	o-Xylene	1	U
98-82-8	Isopropylbenzene	2	U
91-20-3	Naphthalene	4	U

0068

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKT19

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: VBLKT19

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: SH08363.i/07oct24b.b/tc24b02.d

Level: (low/med) LOW Date Received:

Moisture: not dec. _____ Date Analyzed: 10/24/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
60-29-7	Ethyl Ether	5	U
107-02-8	Acrolein	100	U
75-35-4	1,1-Dichloroethene	5	U
76-13-1	Freon 113	10	U
67-64-1	Acetone	20	U
67-63-0	2-Propanol	100	U
74-88-4	Methyl Iodide	5	U
75-15-0	Carbon Disulfide	5	U
79-20-9	Methyl Acetate	5	U
107-05-1	Allyl Chloride	5	U
75-09-2	Methylene Chloride	5	U
75-65-0	t-Butyl Alcohol	80	U
107-13-1	Acrylonitrile	20	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl Tertiary Butyl Ether	5	U
110-54-3	n-Hexane	5	U
75-34-3	1,1-Dichloroethane	5	U
108-20-3	di-Isopropyl Ether	5	U
126-99-8	2-Chloro-1,3-Butadiene	5	U
637-92-3	Ethyl t-Butyl Ether	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
78-93-3	2-Butanone	10	U
156-59-2	cis-1,2-Dichloroethene	5	U
594-20-7	2,2-Dichloropropane	5	U

0069

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKT19

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: VBLKT19

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: SH08363.i/07oct24b.b/tc24b02.d

Level: (low/med) LOW Date Received:

Moisture: not dec. _____ Date Analyzed: 10/24/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
107-12-0	Propionitrile	100	U
126-98-7	Methacrylonitrile	50	U
74-97-5	Bromochloromethane	5	U
109-99-9	Tetrahydrofuran	10	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
110-82-7	Cyclohexane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
78-83-1	Isobutyl Alcohol	250	U
71-43-2	Benzene	5	U
107-06-2	1,2-Dichloroethane	5	U
994-05-8	t-Amyl Methyl Ether	5	U
142-82-5	n-Heptane	5	U
71-36-3	n-Butanol	250	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
108-87-2	Methylcyclohexane	5	U
74-95-3	Dibromomethane	5	U
80-62-6	Methyl Methacrylate	5	U
123-91-1	1,4-Dioxane	250	U
75-27-4	Bromodichloromethane	5	U
79-46-9	2-Nitropropane	10	U
110-75-8	2-Chloroethyl Vinyl Ether	10	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
97-63-2	Ethyl Methacrylate	5	U
79-00-5	1,1,2-Trichloroethane	5	U

0070

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKT19

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: VBLKT19

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: SH08363.i/07oct24b.b/tc24b02.d

Level: (low/med) LOW Date Received:

Moisture: not dec. _____ Date Analyzed: 10/24/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
127-18-4	Tetrachloroethene	5	U
142-28-9	1,3-Dichloropropane	5	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
100-41-4	Ethylbenzene	5	U
1330-20-7	m+p-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
95-47-6	o-Xylene	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U
96-18-4	1,2,3-Trichloropropane	5	U
110-57-6	trans-1,4-Dichloro-2-Butene	50	U
103-65-1	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
76-01-7	Pentachloroethane	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
99-87-6	p-Isopropyltoluene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
526-73-8	1,2,3-Trimethylbenzene	5	U

8871

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKT19

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: VBLKT19

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: SH08363.i/07oct24b.b/tc24b02.d

Level: (low/med) LOW Date Received:

Moisture: not dec. _____ Date Analyzed: 10/24/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L		Q
100-44-7	Benzyl Chloride		5	U
141-93-5	1,3-Diethylbenzene		5	U
105-05-5	1,4-Diethylbenzene		5	U
104-51-8	n-Butylbenzene		5	U
95-50-1	1,2-Dichlorobenzene		5	U
135-01-3	1,2-Diethylbenzene		5	U
96-12-8	1,2-Dibromo-3-Chloropropane		5	U
120-82-1	1,2,4-Trichlorobenzene		5	U
87-68-3	Hexachlorobutadiene		5	U
91-20-3	Naphthalene		5	U
87-61-6	1,2,3-Trichlorobenzene		5	U
25340-17-4	Diethylbenzene (total)		5	U

0072

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BMW9BMS

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5187884

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP10534.i/07oct24b.b/dc24q13.d

Level: (low/med) LOW Date Received: 10/18/07

Moisture: not dec. _____ Date Analyzed: 10/24/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
71-43-2	Benzene	20	
108-88-3	Toluene	20	
100-41-4	Ethylbenzene	19	
1330-20-7	Xylene (Total)	57	

0073

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LCS-43

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: LCS-43

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP10534.i/07oct24b.b/dc24q01.d

Level: (low/med) LOW Date Received:

Moisture: not dec. _____ Date Analyzed: 10/24/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
1634-04-4	Methyl Tertiary Butyl Ether	20	
71-43-2	Benzene	20	
108-88-3	Toluene	19	
100-41-4	Ethylbenzene	19	
1330-20-7	m+p-Xylene	37	
1330-20-7	Xylene (Total)	56	
95-47-6	o-Xylene	19	
98-82-8	Isopropylbenzene	18	
91-20-3	Naphthalene	17	

0074

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LCD-43

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: LCD-43

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: HP10534.i/07oct24b.b/dc24q03.d

Level: (low/med) LOW Date Received:

Moisture: not dec. _____ Date Analyzed: 10/24/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
1634-04-4	Methyl Tertiary Butyl Ether	19	
71-43-2	Benzene	19	
108-88-3	Toluene	19	
100-41-4	Ethylbenzene	18	
1330-20-7	m+p-Xylene	37	
1330-20-7	Xylene (Total)	56	
95-47-6	o-Xylene	18	
98-82-8	Isopropylbenzene	18	
91-20-3	Naphthalene	17	

0075

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LCST19

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: LCST19

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: SH08363.i/07oct24b.b/tc24s31.d

Level: (low/med) LOW Date Received:

Moisture: not dec. _____ Date Analyzed: 10/24/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	17	
74-87-3	Chloromethane	21	
75-01-4	Vinyl Chloride	17	
74-83-9	Bromomethane	19	
75-00-3	Chloroethane	19	
75-69-4	Trichlorofluoromethane	20	
60-29-7	Ethyl Ether	15	
107-02-8	Acrolein	150	
75-35-4	1,1-Dichloroethene	21	
76-13-1	Freon 113	21	
67-64-1	Acetone	150	
67-63-0	2-Propanol	180	
74-88-4	Methyl Iodide	20	
75-15-0	Carbon Disulfide	22	
79-20-9	Methyl Acetate	21	
107-05-1	Allyl Chloride	21	
75-09-2	Methylene Chloride	23	
75-65-0	t-Butyl Alcohol	210	
107-13-1	Acrylonitrile	95	
156-60-5	trans-1,2-Dichloroethene	20	
1634-04-4	Methyl Tertiary Butyl Ether	20	
110-54-3	n-Hexane	21	
75-34-3	1,1-Dichloroethane	20	
108-20-3	di-Isopropyl Ether	22	
126-99-8	2-Chloro-1,3-Butadiene	21	
637-92-3	Ethyl t-Butyl Ether	20	
540-59-0	1,2-Dichloroethene (total)	40	
78-93-3	2-Butanone	140	
156-59-2	cis-1,2-Dichloroethene	19	
594-20-7	2,2-Dichloropropane	21	

0076

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LCST19

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: LCST19

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: SH08363.i/07oct24b.b/tc24s31.d

Level: (low/med) LOW Date Received:

Moisture: not dec. _____ Date Analyzed: 10/24/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
107-12-0	Propionitrile	160	
126-98-7	Methacrylonitrile	140	
74-97-5	Bromochloromethane	21	
109-99-9	Tetrahydrofuran	91	
67-66-3	Chloroform	22	
71-55-6	1,1,1-Trichloroethane	21	
110-82-7	Cyclohexane	23	
563-58-6	1,1-Dichloropropene	20	
56-23-5	Carbon Tetrachloride	21	
78-83-1	Isobutyl Alcohol	500	
71-43-2	Benzene	21	
107-06-2	1,2-Dichloroethane	22	
994-05-8	t-Amyl Methyl Ether	19	
142-82-5	n-Heptane	20	
71-36-3	n-Butanol	1000	
79-01-6	Trichloroethene	20	
78-87-5	1,2-Dichloropropane	19	
108-87-2	Methylcyclohexane	22	
74-95-3	Dibromomethane	20	
80-62-6	Methyl Methacrylate	18	
123-91-1	1,4-Dioxane	500	
75-27-4	Bromodichloromethane	22	
79-46-9	2-Nitropropane	16	
110-75-8	2-Chloroethyl Vinyl Ether	18	
10061-01-5	cis-1,3-Dichloropropene	20	
108-10-1	4-Methyl-2-Pentanone	93	
108-88-3	Toluene	20	
10061-02-6	trans-1,3-Dichloropropene	19	
97-63-2	Ethyl Methacrylate	19	
79-00-5	1,1,2-Trichloroethane	19	

0077

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LCST19

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: LCST19

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: SH08363.i/07oct24b.b/tc24s31.d

Level: (low/med) LOW Date Received:

Moisture: not dec. _____ Date Analyzed: 10/24/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
127-18-4	Tetrachloroethene	19	
142-28-9	1,3-Dichloropropane	20	
591-78-6	2-Hexanone	93	
124-48-1	Dibromochloromethane	21	
106-93-4	1,2-Dibromoethane	18	
108-90-7	Chlorobenzene	19	
630-20-6	1,1,1,2-Tetrachloroethane	19	
100-41-4	Ethylbenzene	18	
1330-20-7	m+p-Xylene	37	
1330-20-7	Xylene (Total)	56	
95-47-6	o-Xylene	18	
100-42-5	Styrene	18	
75-25-2	Bromoform	18	
98-82-8	Isopropylbenzene	18	
79-34-5	1,1,2,2-Tetrachloroethane	21	
108-86-1	Bromobenzene	19	
96-18-4	1,2,3-Trichloropropane	18	
110-57-6	trans-1,4-Dichloro-2-Butene	98	
103-65-1	n-Propylbenzene	21	
95-49-8	2-Chlorotoluene	20	
108-67-8	1,3,5-Trimethylbenzene	19	
106-43-4	4-Chlorotoluene	20	
98-06-6	tert-Butylbenzene	20	
76-01-7	Pentachloroethane	20	
95-63-6	1,2,4-Trimethylbenzene	19	
135-98-8	sec-Butylbenzene	19	
541-73-1	1,3-Dichlorobenzene	18	
99-87-6	p-Isopropyltoluene	20	
106-46-7	1,4-Dichlorobenzene	19	
526-73-8	1,2,3-Trimethylbenzene	20	

0078

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LCST19

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: LCST19

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: SH08363.i/07oct24b.b/tc24s31.d

Level: (low/med) LOW Date Received:

Moisture: not dec. _____ Date Analyzed: 10/24/07

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
100-44-7	Benzyl Chloride	20	
141-93-5	1,3-Diethylbenzene	20	
105-05-5	1,4-Diethylbenzene	20	
104-51-8	n-Butylbenzene	20	
95-50-1	1,2-Dichlorobenzene	19	
135-01-3	1,2-Diethylbenzene	21	
96-12-8	1,2-Dibromo-3-Chloropropane	19	
120-82-1	1,2,4-Trichlorobenzene	17	
87-68-3	Hexachlorobutadiene	17	
91-20-3	Naphthalene	18	
87-61-6	1,2,3-Trichlorobenzene	17	
25340-17-4	Diethylbenzene (total)	60	

0079

Semivolatiles by GC/MS Data

Case Narrative
Conformance/Nonconformance Summary

Lancaster Laboratories
Where quality is a science.

CASE NARRATIVE

Client: URS Corporation
SDG #: PNY03

LANCASTER LABORATORIES
SEMIVOLATILES BY GC/MS

SAMPLE NUMBER(S) :

LL #'s	Sample Code	Matrix Water	Comments
5187878	BMW1B	X	
5187879	BMW2B	X	5X Dilution
5187879DL	BMW2BDL	X	50X Dilution
5187879DL2	BMW2BDL2	X	500X Dilution
5187880	BMW3B	X	
5187880DL	BMW3BDL	X	10X Dilution
5187881	BMW6B	X	5X Dilution
5187881DL	BMW6BDL	X	25X Dilution
5187882	BM7BS	X	
5187883	BM7BD	X	
5187883DL	BM7BDDL	X	5X Dilution
5187883DL2	BM7BDDL2	X	100X Dilution
5187883RE	BM7BDRE	X	Reextraction
5187884	BMW9B	X	
5187885	BM10B	X	
5187886	BM11B	X	
5187886RE	BM11BRE	X	Reextraction
5187887	B-URS	X	
LABORATORY SUBMITTED QC:			
SBLKWB293	SBLKWB293J	X	Method Blank
SBLKWG298	SBLKWG298J	X	Method Blank
293WBLCS	293WBLCSJ	X	Lab Control Sample
293WBLCSD	293WBLCSDJ	X	Lab Control Sample Dup
298WGLCS	298WGLCSJ	X	Lab Control Sample
298WGLCSD	298WGLCSDJ	X	Lab Control Sample Dup

Case Narrative (continued)
SDG: PNY03

SAMPLE PREPARATION:

Due to insufficient sample, only 998 mls were used in the extraction of 5187879.

Due to the nature of the sample matrix, 5187879 was concentrated to a final volume of 10.0 mls.

No other problems were encountered during the extraction of these samples.

ANALYSIS:

Sufficient sample volume was not available to perform MS/MSDs for these analyses. Therefore, LCS/LCSDs were performed to demonstrate precision and accuracy at a batch level.

5187879 and 5187881 were analyzed at initial 5X dilutions due to the nature of the sample matrix.

Reextractions were required for a number of samples due to unacceptable surrogate recoveries.

No other problems were encountered during the analysis of these samples.

QUALITY CONTROL AND NONCONFORMANCE SUMMARY:

Surrogate recoveries are outside of QC limits for 5187883. The analysis was repeated outside of the method required hold time and surrogate recoveries are again outside of QC limits, indicating a matrix effect. Both sets of data are included in this data package.

The surrogate recovery of terphenyl-d14 is outside of QC limits for 5187884. Sufficient sample was unavailable to repeat the analysis.

Surrogate recoveries are outside of QC limits for 5187886. The analysis was repeated outside of the method required hold time and the surrogate recoveries are within the limits. Both sets of data are included in this data package. 6983

Case Narrative (continued)
SDG: PNY03

All other QC was within specifications.

DATA INTERPRETATION:

The % drift windows on the initial calibration verification summary are advisory until statistical windows can be derived.

No further interpretation is necessary for the data submitted.

Case Narrative Reviewed and Approved by:

Audrey McClure for Date: 11-14-07
Dana M. Kauffman
Manager, Data Deliverables

Lancaster Laboratories • 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425
Phone: 717-656-2300 • Fax: 717-656-2300 • http:// www.LancasterLabs.com

Sample Data

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BMW1B

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5187878

Sample wt/vol: 1051 (g/mL)ML Lab File ID: jj630.d

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: not dec: dec: Date Extracted: 10/21/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/24/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
91-20-3	Naphthalene			5	U
208-96-8	Acenaphthylene			5	U
83-32-9	Acenaphthene			5	U
86-73-7	Fluorene			5	U
85-01-8	Phenanthrene			5	U
120-12-7	Anthracene			5	U
206-44-0	Fluoranthene			5	U
129-00-0	Pyrene			5	U
56-55-3	Benzo(a)anthracene			5	U
218-01-9	Chrysene			5	U
205-99-2	Benzo(b)fluoranthene			5	U
207-08-9	Benzo(k)fluoranthene			5	U
50-32-8	Benzo(a)pyrene			5	U
193-39-5	Indeno(1,2,3-cd)pyrene			5	U
53-70-3	Dibenz(a,h)anthracene			5	U
191-24-2	Benzo(g,h,i)perylene			5	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BMW2B

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5187879

Sample wt/vol: 998 (g/mL) ML Lab File ID: jj642.d

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: not dec: dec: Date Extracted: 10/21/07

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/24/07

Injection Volume: 1 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
91-20-3	Naphthalene			110000	E
208-96-8	Acenaphthylene			31000	E
83-32-9	Acenaphthene			7900	E
86-73-7	Fluorene			18000	E
85-01-8	Phenanthrene			57000	E
120-12-7	Anthracene			17000	E
206-44-0	Fluoranthene			34000	E
129-00-0	Pyrene			41000	E
56-55-3	Benzo(a)anthracene			14000	E
218-01-9	Chrysene			14000	E
205-99-2	Benzo(b)fluoranthene			9900	E
207-08-9	Benzo(k)fluoranthene			3300	
50-32-8	Benzo(a)pyrene			13000	E
193-39-5	Indeno(1,2,3-cd)pyrene			7900	E
53-70-3	Dibenz(a,h)anthracene			1600	
191-24-2	Benzo(g,h,i)perylene			9400	E

0887

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BMW2BDL

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5187879DL

Sample wt/vol: 998 (g/mL)ML Lab File ID: jj662.d

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: not dec: dec: Date Extracted: 10/21/07

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/25/07

Injection Volume: 1 (uL) Dilution Factor: 50.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
91-20-3	Naphthalene			140000	E
208-96-8	Acenaphthylene			54000	D
83-32-9	Acenaphthene			11000	D
86-73-7	Fluorene			27000	D
85-01-8	Phenanthrene			91000	E
120-12-7	Anthracene			22000	D
206-44-0	Fluoranthene			41000	D
129-00-0	Pyrene			49000	D
56-55-3	Benzo(a)anthracene			15000	D
218-01-9	Chrysene			14000	D
205-99-2	Benzo(b)fluoranthene			12000	D
207-08-9	Benzo(k)fluoranthene			4800	D
50-32-8	Benzo(a)pyrene			17000	D
193-39-5	Indeno(1,2,3-cd)pyrene			9600	D
53-70-3	Dibenz(a,h)anthracene			2100	J D
191-24-2	Benzo(g,h,i)perylene			12000	D

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BMW2BDL2

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5187879DL2

Sample wt/vol: 998 (g/mL)ML Lab File ID: jj663.d

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: not dec: dec: Date Extracted: 10/21/07

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/25/07

Injection Volume: 1 (uL) Dilution Factor: 500.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) LOQ	UG/L	Q
91-20-3	Naphthalene		200000	D
208-96-8	Acenaphthylene		59000	D
83-32-9	Acenaphthene		10000	J D
86-73-7	Fluorene		27000	D
85-01-8	Phenanthrene		110000	D
120-12-7	Anthracene		23000	J D
206-44-0	Fluoranthene		45000	D
129-00-0	Pyrene		53000	D
56-55-3	Benzo(a)anthracene		15000	J D
218-01-9	Chrysene		14000	J D
205-99-2	Benzo(b)fluoranthene		11000	J D
207-08-9	Benzo(k)fluoranthene		25000	U
50-32-8	Benzo(a)pyrene		15000	J D
193-39-5	Indeno(1,2,3-cd)pyrene		7200	J D
53-70-3	Dibenz(a,h)anthracene		25000	U
191-24-2	Benzo(g,h,i)perylene		9700	J D

0089

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BMW3B

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5187880

Sample wt/vol: 1025 (g/mL)ML Lab File ID: jj643.d

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: not dec: dec: Date Extracted: 10/21/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/24/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) LOQ UG/L	Q
91-20-3	Naphthalene	620	E
208-96-8	Acenaphthylene	9	
83-32-9	Acenaphthene	43	
86-73-7	Fluorene	4	J
85-01-8	Phenanthrene	2	J
120-12-7	Anthracene	5	U
206-44-0	Fluoranthene	5	U
129-00-0	Pyrene	5	U
56-55-3	Benzo(a)anthracene	5	U
218-01-9	Chrysene	5	U
205-99-2	Benzo(b)fluoranthene	5	U
207-08-9	Benzo(k)fluoranthene	5	U
50-32-8	Benzo(a)pyrene	5	U
193-39-5	Indeno(1,2,3-cd)pyrene	5	U
53-70-3	Dibenz(a,h)anthracene	5	U
191-24-2	Benzo(g,h,i)perylene	5	U

8090

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BMW3BDL

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5187880DL

Sample wt/vol: 1025 (g/mL)ML Lab File ID: jj664.d

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: not dec: dec: Date Extracted: 10/21/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/25/07

Injection Volume: 1 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) LOQ UG/L	Q
91-20-3	Naphthalene	1100	D
208-96-8	Acenaphthylene	49	U
83-32-9	Acenaphthene	42	J D
86-73-7	Fluorene	49	U
85-01-8	Phenanthrene	49	U
120-12-7	Anthracene	49	U
206-44-0	Fluoranthene	49	U
129-00-0	Pyrene	49	U
56-55-3	Benzo(a)anthracene	49	U
218-01-9	Chrysene	49	U
205-99-2	Benzo(b)fluoranthene	49	U
207-08-9	Benzo(k)fluoranthene	49	U
50-32-8	Benzo(a)pyrene	49	U
193-39-5	Indeno(1,2,3-cd)pyrene	49	U
53-70-3	Dibenz(a,h)anthracene	49	U
191-24-2	Benzo(g,h,i)perylene	49	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BMW6B

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5187881

Sample wt/vol: 1050 (g/mL) ML Lab File ID: jj644.d

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: not dec: dec: Date Extracted: 10/21/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/24/07

Injection Volume: 1 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
91-20-3	Naphthalene			720	E
208-96-8	Acenaphthylene			650	E
83-32-9	Acenaphthene			120	
86-73-7	Fluorene			260	
85-01-8	Phenanthrene			1200	E
120-12-7	Anthracene			390	
206-44-0	Fluoranthene			850	E
129-00-0	Pyrene			1000	E
56-55-3	Benzo(a)anthracene			360	
218-01-9	Chrysene			350	
205-99-2	Benzo(b)fluoranthene			290	
207-08-9	Benzo(k)fluoranthene			120	
50-32-8	Benzo(a)pyrene			380	
193-39-5	Indeno(1,2,3-cd)pyrene			240	
53-70-3	Dibenz(a,h)anthracene			54	
191-24-2	Benzo(g,h,i)perylene			300	

0092

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

BMW6BDL

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5187881DL

Sample wt/vol: 1050 (g/mL)ML Lab File ID: jj665.d

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: not dec: dec: Date Extracted: 10/21/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/25/07

Injection Volume: 1 (uL) Dilution Factor: 25.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
91-20-3	Naphthalene			830	D
208-96-8	Acenaphthylene			760	D
83-32-9	Acenaphthene			130	D
86-73-7	Fluorene			350	D
85-01-8	Phenanthrene			1500	D
120-12-7	Anthracene			420	D
206-44-0	Fluoranthene			940	D
129-00-0	Pyrene			1200	D
56-55-3	Benzo(a)anthracene			400	D
218-01-9	Chrysene			370	D
205-99-2	Benzo(b)fluoranthene			340	D
207-08-9	Benzo(k)fluoranthene			120	D
50-32-8	Benzo(a)pyrene			460	D
193-39-5	Indeno(1,2,3-cd)pyrene			270	D
53-70-3	Dibenz(a,h)anthracene			52	J D
191-24-2	Benzo(g,h,i)perylene			320	D

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BM7BS

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5187882

Sample wt/vol: 1056 (g/mL)ML Lab File ID: jj645.d

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: not dec: dec: Date Extracted: 10/21/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/25/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
91-20-3	Naphthalene			48	
208-96-8	Acenaphthylene			18	
83-32-9	Acenaphthene			42	
86-73-7	Fluorene			16	
85-01-8	Phenanthrene			48	
120-12-7	Anthracene			8	
206-44-0	Fluoranthene			6	
129-00-0	Pyrene			6	
56-55-3	Benzo(a)anthracene			5	U
218-01-9	Chrysene			5	U
205-99-2	Benzo(b)fluoranthene			5	U
207-08-9	Benzo(k)fluoranthene			5	U
50-32-8	Benzo(a)pyrene			5	U
193-39-5	Indeno(1,2,3-cd)pyrene			5	U
53-70-3	Dibenz(a,h)anthracene			5	U
191-24-2	Benzo(g,h,i)perylene			5	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BM7BD

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5187883

Sample wt/vol: 1032 (g/mL)ML Lab File ID: jj646.d

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: not dec: dec: Date Extracted: 10/21/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/25/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) LOQ UG/L	Q
91-20-3	Naphthalene	2200	E
208-96-8	Acenaphthylene	270	E
83-32-9	Acenaphthene	79	
86-73-7	Fluorene	120	E
85-01-8	Phenanthrene	320	E
120-12-7	Anthracene	74	
206-44-0	Fluoranthene	140	E
129-00-0	Pyrene	150	E
56-55-3	Benzo(a)anthracene	45	
218-01-9	Chrysene	45	
205-99-2	Benzo(b)fluoranthene	39	
207-08-9	Benzo(k)fluoranthene	14	
50-32-8	Benzo(a)pyrene	51	
193-39-5	Indeno(1,2,3-cd)pyrene	30	
53-70-3	Dibenz(a,h)anthracene	6	
191-24-2	Benzo(g,h,i)perylene	35	

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BM7BDDL

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5187883DL

Sample wt/vol: 1032 (g/mL)ML Lab File ID: jj666.d

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: not dec: dec: Date Extracted: 10/21/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/25/07

Injection Volume: 1 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
91-20-3	Naphthalene			2600	E
208-96-8	Acenaphthylene			360	D
83-32-9	Acenaphthene			83	D
86-73-7	Fluorene			130	D
85-01-8	Phenanthrene			400	D
120-12-7	Anthracene			80	D
206-44-0	Fluoranthene			140	D
129-00-0	Pyrene			170	D
56-55-3	Benzo(a)anthracene			49	D
218-01-9	Chrysene			45	D
205-99-2	Benzo(b)fluoranthene			37	D
207-08-9	Benzo(k)fluoranthene			15	J D
50-32-8	Benzo(a)pyrene			51	D
193-39-5	Indeno(1,2,3-cd)pyrene			28	D
53-70-3	Dibenz(a,h)anthracene			24	U
191-24-2	Benzo(g,h,i)perylene			37	D

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BM7BDRE

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5187883RE

Sample wt/vol: 1037 (g/mL)ML Lab File ID: jj728.d

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: not dec: dec: Date Extracted: 10/26/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/27/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
91-20-3	Naphthalene			2000	E
208-96-8	Acenaphthylene			230	E
83-32-9	Acenaphthene			56	
86-73-7	Fluorene			65	
85-01-8	Phenanthrene			160	E
120-12-7	Anthracene			29	
206-44-0	Fluoranthene			41	
129-00-0	Pyrene			55	
56-55-3	Benzo(a)anthracene			13	
218-01-9	Chrysene			11	
205-99-2	Benzo(b)fluoranthene			10	
207-08-9	Benzo(k)fluoranthene			4	J
50-32-8	Benzo(a)pyrene			13	
193-39-5	Indeno(1,2,3-cd)pyrene			8	
53-70-3	Dibenz(a,h)anthracene			1	J
191-24-2	Benzo(g,h,i)perylene			10	

0097

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BM7BDDL2

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5187883DL2

Sample wt/vol: 1032 (g/mL)ML Lab File ID: jj667.d

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: not dec: dec: Date Extracted: 10/21/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/25/07

Injection Volume: 1 (uL) Dilution Factor: 100.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
91-20-3	Naphthalene			4100	D
208-96-8	Acenaphthylene			360	J D
83-32-9	Acenaphthene			480	U
86-73-7	Fluorene			130	J D
85-01-8	Phenanthrene			400	J D
120-12-7	Anthracene			480	U
206-44-0	Fluoranthene			140	J D
129-00-0	Pyrene			170	J D
56-55-3	Benzo(a)anthracene			480	U
218-01-9	Chrysene			480	U
205-99-2	Benzo(b)fluoranthene			480	U
207-08-9	Benzo(k)fluoranthene			480	U
50-32-8	Benzo(a)pyrene			480	U
193-39-5	Indeno(1,2,3-cd)pyrene			480	U
53-70-3	Dibenz(a,h)anthracene			480	U
191-24-2	Benzo(g,h,i)perylene			480	U

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

BMW9B

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5187884

Sample wt/vol: 1042 (g/mL)ML Lab File ID: jj647.d

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: not dec: dec: Date Extracted: 10/21/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/25/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
91-20-3	Naphthalene			1	J
208-96-8	Acenaphthylene			2	J
83-32-9	Acenaphthene			5	U
86-73-7	Fluorene			5	U
85-01-8	Phenanthrene			2	J
120-12-7	Anthracene			5	U
206-44-0	Fluoranthene			5	U
129-00-0	Pyrene			5	U
56-55-3	Benzo(a)anthracene			5	U
218-01-9	Chrysene			5	U
205-99-2	Benzo(b)fluoranthene			5	U
207-08-9	Benzo(k)fluoranthene			5	U
50-32-8	Benzo(a)pyrene			5	U
193-39-5	Indeno(1,2,3-cd)pyrene			5	U
53-70-3	Dibenz(a,h)anthracene			5	U
191-24-2	Benzo(g,h,i)perylene			5	U

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1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BM10B

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5187885

Sample wt/vol: 1052 (g/mL)ML Lab File ID: jj648.d

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: not dec: dec: Date Extracted: 10/21/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/25/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
91-20-3	Naphthalene			5	U
208-96-8	Acenaphthylene			5	U
83-32-9	Acenaphthene			5	U
86-73-7	Fluorene			5	U
85-01-8	Phenanthrene			5	U
120-12-7	Anthracene			5	U
206-44-0	Fluoranthene			5	U
129-00-0	Pyrene			5	U
56-55-3	Benzo(a)anthracene			5	U
218-01-9	Chrysene			5	U
205-99-2	Benzo(b)fluoranthene			5	U
207-08-9	Benzo(k)fluoranthene			5	U
50-32-8	Benzo(a)pyrene			5	U
193-39-5	Indeno(1,2,3-cd)pyrene			5	U
53-70-3	Dibenz(a,h)anthracene			5	U
191-24-2	Benzo(g,h,i)perylene			5	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BM11B

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5187886

Sample wt/vol: 1041 (g/mL)ML Lab File ID: jj649.d

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: not dec: dec: Date Extracted: 10/21/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/25/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
91-20-3	Naphthalene			36	
208-96-8	Acenaphthylene			9	
83-32-9	Acenaphthene			5	J
86-73-7	Fluorene			2	J
85-01-8	Phenanthrene			5	J
120-12-7	Anthracene			5	U
206-44-0	Fluoranthene			5	U
129-00-0	Pyrene			5	U
56-55-3	Benzo(a)anthracene			5	U
218-01-9	Chrysene			5	U
205-99-2	Benzo(b)fluoranthene			5	U
207-08-9	Benzo(k)fluoranthene			5	U
50-32-8	Benzo(a)pyrene			5	U
193-39-5	Indeno(1,2,3-cd)pyrene			5	U
53-70-3	Dibenz(a,h)anthracene			5	U
191-24-2	Benzo(g,h,i)perylene			5	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BM11BRE

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5187886RE

Sample wt/vol: 1035 (g/mL)ML Lab File ID: jj729.d

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: not dec: dec: Date Extracted: 10/26/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/27/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
91-20-3	Naphthalene			30	
208-96-8	Acenaphthylene			6	
83-32-9	Acenaphthene			3	J
86-73-7	Fluorene			1	J
85-01-8	Phenanthrene			5	U
120-12-7	Anthracene			5	U
206-44-0	Fluoranthene			5	U
129-00-0	Pyrene			5	U
56-55-3	Benzo(a)anthracene			5	U
218-01-9	Chrysene			5	U
205-99-2	Benzo(b)fluoranthene			5	U
207-08-9	Benzo(k)fluoranthene			5	U
50-32-8	Benzo(a)pyrene			5	U
193-39-5	Indeno(1,2,3-cd)pyrene			5	U
53-70-3	Dibenz(a,h)anthracene			5	U
191-24-2	Benzo(g,h,i)perylene			5	U

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1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-URS

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 5187887

Sample wt/vol: 1019 (g/mL) ML Lab File ID: jj650.d

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: not dec: dec: Date Extracted: 10/21/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/25/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
91-20-3	Naphthalene		5		U
208-96-8	Acenaphthylene		5		U
83-32-9	Acenaphthene		5		U
86-73-7	Fluorene		5		U
85-01-8	Phenanthrene		5		U
120-12-7	Anthracene		5		U
206-44-0	Fluoranthene		5		U
129-00-0	Pyrene		5		U
56-55-3	Benzo(a)anthracene		5		U
218-01-9	Chrysene		5		U
205-99-2	Benzo(b)fluoranthene		5		U
207-08-9	Benzo(k)fluoranthene		5		U
50-32-8	Benzo(a)pyrene		5		U
193-39-5	Indeno(1,2,3-cd)pyrene		5		U
53-70-3	Dibenz(a,h)anthracene		5		U
191-24-2	Benzo(g,h,i)perylene		5		U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKWB293J

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: SBLKWB293

Sample wt/vol: 1000 (g/mL)ML Lab File ID: jj627.d

Level: (low/med) LOW Date Received:

% Moisture: not dec: dec: Date Extracted: 10/21/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/24/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	MDL	UG/L	Q
91-20-3	Naphthalene			1	U
91-57-6	2-Methylnaphthalene			1	U
90-12-0	1-Methylnaphthalene			1	U
208-96-8	Acenaphthylene			1	U
83-32-9	Acenaphthene			1	U
86-73-7	Fluorene			1	U
85-01-8	Phenanthrene			1	U
120-12-7	Anthracene			1	U
206-44-0	Fluoranthene			1	U
129-00-0	Pyrene			1	U
56-55-3	Benzo(a)anthracene			1	U
218-01-9	Chrysene			1	U
205-99-2	Benzo(b)fluoranthene			1	U
207-08-9	Benzo(k)fluoranthene			1	U
50-32-8	Benzo(a)pyrene			1	U
193-39-5	Indeno(1,2,3-cd)pyrene			1	U
53-70-3	Dibenz(a,h)anthracene			1	U
191-24-2	Benzo(g,h,i)perylene			1	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKWG298J

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: SBLKWG298

Sample wt/vol: 1000 (g/mL)ML Lab File ID: jj722.d

Level: (low/med) LOW Date Received:

% Moisture: not dec: dec: Date Extracted: 10/26/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/26/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	MDL	UG/L	Q
91-20-3	Naphthalene			1	U
91-57-6	2-Methylnaphthalene			1	U
90-12-0	1-Methylnaphthalene			1	U
208-96-8	Acenaphthylene			1	U
83-32-9	Acenaphthene			1	U
86-73-7	Fluorene			1	U
85-01-8	Phenanthrene			1	U
120-12-7	Anthracene			1	U
206-44-0	Fluoranthene			1	U
129-00-0	Pyrene			1	U
56-55-3	Benzo(a)anthracene			1	U
218-01-9	Chrysene			1	U
205-99-2	Benzo(b)fluoranthene			1	U
207-08-9	Benzo(k)fluoranthene			1	U
50-32-8	Benzo(a)pyrene			1	U
193-39-5	Indeno(1,2,3-cd)pyrene			1	U
53-70-3	Dibenz(a,h)anthracene			1	U
191-24-2	Benzo(g,h,i)perylene			1	U

0185

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

293WBLCSJ

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 293WBLCS

Sample wt/vol: 1000 (g/mL)ML Lab File ID: jj628.d

Level: (low/med) LOW Date Received:

% Moisture: not dec: dec: Date Extracted: 10/21/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/24/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
91-20-3	Naphthalene			48	
91-57-6	2-Methylnaphthalene			48	
90-12-0	1-Methylnaphthalene			46	
208-96-8	Acenaphthylene			51	
83-32-9	Acenaphthene			48	
86-73-7	Fluorene			50	
85-01-8	Phenanthrene			51	
120-12-7	Anthracene			48	
206-44-0	Fluoranthene			52	
129-00-0	Pyrene			48	
56-55-3	Benzo(a)anthracene			49	
218-01-9	Chrysene			50	
205-99-2	Benzo(b)fluoranthene			43	
207-08-9	Benzo(k)fluoranthene			48	
50-32-8	Benzo(a)pyrene			48	
193-39-5	Indeno(1,2,3-cd)pyrene			49	
53-70-3	Dibenz(a,h)anthracene			52	
191-24-2	Benzo(g,h,i)perylene			49	

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

293WBLCSDJ

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 293WBLCSD

Sample wt/vol: 1000 (g/mL)ML Lab File ID: jj629.d

Level: (low/med) LOW Date Received:

% Moisture: not dec: dec: Date Extracted: 10/21/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/24/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
91-20-3	Naphthalene			46	
91-57-6	2-Methylnaphthalene			47	
90-12-0	1-Methylnaphthalene			45	
208-96-8	Acenaphthylene			53	
83-32-9	Acenaphthene			46	
86-73-7	Fluorene			52	
85-01-8	Phenanthrene			50	
120-12-7	Anthracene			48	
206-44-0	Fluoranthene			50	
129-00-0	Pyrene			47	
56-55-3	Benzo(a)anthracene			49	
218-01-9	Chrysene			49	
205-99-2	Benzo(b)fluoranthene			47	
207-08-9	Benzo(k)fluoranthene			49	
50-32-8	Benzo(a)pyrene			48	
193-39-5	Indeno(1,2,3-cd)pyrene			49	
53-70-3	Dibenz(a,h)anthracene			51	
191-24-2	Benzo(g,h,i)perylene			50	

6187

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

298WGLCSJ

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 298WGLCS

Sample wt/vol: 1000 (g/mL)ML Lab File ID: jj723.d

Level: (low/med) LOW Date Received:

% Moisture: not dec: dec: Date Extracted: 10/26/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/26/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
91-20-3	Naphthalene			45	
91-57-6	2-Methylnaphthalene			45	
90-12-0	1-Methylnaphthalene			44	
208-96-8	Acenaphthylene			51	
83-32-9	Acenaphthene			46	
86-73-7	Fluorene			49	
85-01-8	Phenanthrene			47	
120-12-7	Anthracene			46	
206-44-0	Fluoranthene			49	
129-00-0	Pyrene			43	
56-55-3	Benzo(a)anthracene			47	
218-01-9	Chrysene			46	
205-99-2	Benzo(b)fluoranthene			45	
207-08-9	Benzo(k)fluoranthene			48	
50-32-8	Benzo(a)pyrene			49	
193-39-5	Indeno(1,2,3-cd)pyrene			48	
53-70-3	Dibenz(a,h)anthracene			51	
191-24-2	Benzo(g,h,i)perylene			48	

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

298WGLCSDJ

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) WATER Lab Sample ID: 298WGLCSD

Sample wt/vol: 1000 (g/mL)ML Lab File ID: jj724.d

Level: (low/med) LOW Date Received:

% Moisture: not dec: dec: Date Extracted: 10/26/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/26/07

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sepf

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	LOQ	UG/L	Q
91-20-3	Naphthalene			47	
91-57-6	2-Methylnaphthalene			45	
90-12-0	1-Methylnaphthalene			46	
208-96-8	Acenaphthylene			53	
83-32-9	Acenaphthene			46	
86-73-7	Fluorene			50	
85-01-8	Phenanthrene			49	
120-12-7	Anthracene			46	
206-44-0	Fluoranthene			47	
129-00-0	Pyrene			46	
56-55-3	Benzo(a)anthracene			47	
218-01-9	Chrysene			48	
205-99-2	Benzo(b)fluoranthene			47	
207-08-9	Benzo(k)fluoranthene			50	
50-32-8	Benzo(a)pyrene			49	
193-39-5	Indeno(1,2,3-cd)pyrene			51	
53-70-3	Dibenz(a,h)anthracene			54	
191-24-2	Benzo(g,h,i)perylene			48	

Instrumental Analysis Data

Case Narrative
Conformance/Nonconformance
Summary

Lancaster Laboratories

CLIENT: URS Corporation
SDG: PNY03

Instrumental Water Quality

Sample #	Sample Code	Matrix Liquid	Matrix Solid	Comments
5187878	BMW1B	X		
5187880	BMW3B	X		
5187881	BMW6B	X		
5187882	BM7BS	X		
5187883	BM7BD	X		
5187885	BM10B	X		
5187886	BM11B	X		
5187887	B-URS	X		

ANALYSIS:
There were no dilutions performed for analyses associated with samples in this SDG.

QUALITY CONTROL AND NONCONFORMANCE SUMMARY:
The % RPD between the matrix spike and the matrix spike duplicate sample for the phenols analysis is out of specifications.

The distillate chain of custody for the phenol analysis for sample 5187880-83, 85-87 could not be located. The analysis was performed by N. Shoop/1203 on 10/25/07.

DATA INTERPRETATION:
Due to the limitations of the data package software, form I's are not available for the Instrumental Analysis data. Please refer to the analysis reports for this information.

Phenols water (mg/l) = result X dilution factor X 500 ml / volume of sample

Total Cyanide (water) = result X dilution factor X 50 ml / volume of sample (ml)

No further interpretation is necessary for the data submitted.

Abbreviation Key

U = Unspiked (for MS/MSD)	LOQ = Limit of Quantitation
R = Matrix Spike	MDL = Method Detection Limit
M = Matrix Spike Duplicate	ND = Not Detected
BKG = Background (for Duplicate)	J = Estimated Value
D = Duplicate	NA = Not Applicable
HS = High Spike	ME = Method
LS = Low Spike	CO = Colorimetric
SS = Soluble Spike	G = Gravimetric
IS = Insoluble Spike	IR = Infrared Spectrophotometry
ISD = Insoluble Spike Duplicate	MTR = Meter
PDS = Post Digestion Spike	OD = Oven Dried
* = Out of Specification	TI = Titration
	V = Visual

Lancaster Laboratories

CLIENT: URS Corporation
SDG: PNY03

Narrative Reviewed and Approved by:

Date 11/7/07

Dana Kauffman
Manager of Data Deliverables

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**	*		Field Duplicate (1-1)			
Volatile Organic Compounds							
Benzene	ug/l	1	4	4	0.643 J	0.9 J	0.5 U
Ethylbenzene	ug/l	5	0 U	0 U	0 U	0 U	0.8 U
Toluene	ug/l	5	0 U	0 U	0.382 J	0 U	0.7 U
Xylene (total)	ug/l	5	0 U	0 U	0 U	0 U	0.8 U
Total Benzene, Toluene, Ethylbenzene, & Xylenes	ug/l	-	4	4	1.025	0.9	ND
Semivolatile Organic Compounds							
2,4,6-Trichlorophenol	UG/L	1	0 U	0 U	NA	NA	NA
2,4-Dinitrotoluene	UG/L	5	0 U	0 U	NA	NA	NA
1,2-Diphenylhydrazine	UG/L	ND	0 U	0 U	NA	NA	NA
Hexachlorobenzene	UG/L	0.04	0 U	0 U	NA	NA	NA
Hexachloroethane	UG/L	5	0 U	0 U	NA	NA	NA
Nitrobenzene	UG/L	0.4	0 U	0 U	NA	NA	NA
1,2,4-Trichlorobenzene	UG/L	5	0 U	0 U	NA	NA	NA
2,4-Dichlorophenol	UG/L	5	0 U	0 U	NA	NA	NA
Pentachlorophenol	UG/L	1	0 U	0 U	NA	NA	NA
2,4-Dimethylphenol	UG/L	50 GV	0 U	0 U	NA	NA	NA
2,4-Dinitrophenol	UG/L	10 GV	0 U	0 U	NA	NA	NA
1,2-Dichlorobenzene	UG/L	3	0 U	0 U	NA	NA	NA
2,6-Dinitrotoluene	UG/L	5	0 U	0 U	NA	NA	NA
2-Chloronaphthalene	UG/L	10	0 U	0 U	NA	NA	NA
2-Chlorophenol	UG/L	1	0 U	0 U	NA	NA	NA
2-Methylnaphthalene	UG/L	5	0 U	0 U	0 U	NA	NA

*- 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 chemistry validation are shown.

Concentration Exceeds

NA - Not Analyzed

J - The reported concentration is an estimated value.

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

Detection Limits shown are MDL

Advanced Selection: Bedrock wells
P:\Database\NYSEG\Bridge Street\edms\EDMS.mde
Printed: 11/13/2007 2:29:06 PM
([LOCID] LIKE 'MW-*B*' OR [LOCID] = 'MW-07DD') AND [MATRIX] = 'WG'

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**	*		Field Duplicate (1-1)			
Semivolatile Organic Compounds							
2-Nitrophenol	UG/L	1	0 U	0 U	NA	NA	NA
3,3'-Dichlorobenzidine	UG/L	5	0 U	0 U	NA	NA	NA
1,3-Dichlorobenzene	UG/L	3	0 U	0 U	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/L	1	0 U	0 U	NA	NA	NA
4-Bromophenyl-phenylether	UG/L	50	0 U	0 U	NA	NA	NA
1,4-Dichlorobenzene	UG/L	3	0 U	0 U	NA	NA	NA
4-Chlorophenyl-phenylether	UG/L	50	0 U	0 U	NA	NA	NA
4-Chloro-3-methylphenol	UG/L	1	0 U	0 U	NA	NA	NA
4-Nitrophenol	UG/L	1	0 U	0 U	NA	NA	NA
Acenaphthene	ug/l	20 GV	0 U	0 U	0 U	NA	1 U
Acenaphthylene	ug/l	NS	0 U	0 U	0 U	NA	1 U
Anthracene	ug/l	50 GV	0 U	0 U	0 U	NA	1 U
Benzidine	UG/L	5	0 U	0 U	NA	NA	NA
Benzo(a)anthracene	ug/l	0.002 GV	0 U	0 U	0 U	NA	1 U
Benzo(a)pyrene	ug/l	ND	0 U	0 U	0 U	NA	1 U
Benzo(b)fluoranthene	ug/l	0.002 GV	0 U	0 U	0 U	NA	1 U
Benzo(g,h,i)perylene	ug/l	NS	0 U	0 U	0 U	NA	1 U
Benzo(k)fluoranthene	ug/l	0.002 GV	0 U	0 U	0 U	NA	1 U
bis(2-Chloroisopropyl)ether	UG/L	5	0 U	0 U	NA	NA	NA
bis(2-Chloroethoxy)methane	UG/L	5	0 U	0 U	0 U	NA	NA
bis(2-Chloroethyl)ether	UG/L	1	0 U	0 U	NA	NA	NA
bis(2-Ethylhexyl)phthalate	UG/L	5	0 U	0 U	NA	NA	NA

*- 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 chemistry validation are shown.

Concentration Exceeds

NA - Not Analyzed

J - The reported concentration is an estimated value.

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

Detection Limits shown are MDL

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

Location ID			MW-01B	MW-01B	MW-01B	MW-01B	MW-01B
Sample ID			BSGUD021B	DUP-01/28/02	BSGUD0101	BSGUD0101_9/21/05	MW-1B(09/12/2006)
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/28/02	01/28/02	09/16/04	09/21/05	09/12/06
Parameter	**Units**	*		Field Duplicate (1-1)			
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	0 U	0 U	NA	NA	NA
Chrysene	ug/l	0.002 GV	NA	NA	NA	NA	1 U
Dibenz(a,h)anthracene	ug/l	NS	0 U	0 U	0 U	NA	1 U
Dibenzofuran	UG/L	NS	NA	NA	NA	NA	NA
Diethylphthalate	UG/L	50 GV	0 U	0 U	NA	NA	NA
Dimethylphthalate	UG/L	50 GV	0 U	0 U	NA	NA	NA
Di-n-butylphthalate	UG/L	50 GV	0 U	0 U	NA	NA	NA
Hexachlorobutadiene	UG/L	0.5	0 U	0 U	NA	NA	NA
Di-n-octylphthalate	UG/L	50	0 U	0 U	NA	NA	NA
Fluoranthene	ug/l	50 GV	0 U	0 U	0 U	NA	1 U
Fluorene	ug/l	50 GV	0 U	0 U	0 U	NA	1 U
Hexachlorocyclopentadiene	UG/L	5	0 U	0 U	NA	NA	NA
Indeno(1,2,3-cd)pyrene	ug/l	0.002 GV	0 U	0 U	0 U	NA	1 U
Isophorone	UG/L	50 GV	0 U	0 U	NA	NA	NA
Naphthalene	ug/l	10 GV	0 U	0 U	0 U	NA	22
N-Nitrosodimethylamine	UG/L	NS	0 U	0 U	NA	NA	NA
N-Nitrosodiphenylamine	UG/L	50 GV	0 U	0 U	NA	NA	NA
Phenanthrene	ug/l	50 GV	0 U	0 U	0 U	NA	1 U
Phenol	UG/L	1	0 U	0 U	NA	NA	NA
Pyrene	ug/l	50 GV	0 U	0 U	0 U	NA	1 U
Total Semivolatile Organic Compounds	UG/L	-	ND	ND	ND	NA	22

*- 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 chemistry validation are shown.

Concentration Exceeds

NA - Not Analyzed

J - The reported concentration is an estimated value.

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

Detection Limits shown are MDL

Advanced Selection: Bedrock wells
P:\Database\NYSEG\Bridge Street\edms\EDMS.mde
Printed: 11/13/2007 2:29:07 PM
([LOCID] LIKE 'MW-*B*' OR [LOCID] = 'MW-07DD') AND [MATRIX] = 'WG'

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**	*		Field Duplicate (1-1)			
Metals							
Aluminum	UG/L	NS	400	500	NA	NA	NA
Antimony	UG/L	3	0 U	0 U	NA	NA	NA
Arsenic	UG/L	25	0 U	0 U	NA	NA	NA
Barium	UG/L	1000	40	40	NA	NA	NA
Cadmium	UG/L	5	0 U	0 U	NA	NA	NA
Chromium	UG/L	50	0 U	8	NA	NA	NA
Copper	UG/L	200	0 U	0 U	NA	NA	NA
Iron	UG/L	300	920	370	NA	NA	NA
Lead	UG/L	25	0 U	0 U	NA	NA	NA
Manganese	UG/L	300	0 U	0 U	NA	NA	NA
Mercury	UG/L	0.7	0 U	0 U	NA	NA	NA
Nickel	UG/L	100	0 U	0 U	NA	NA	NA
Selenium	UG/L	10	0 U	0 U	NA	NA	NA
Silver	UG/L	50	0 U	0 U	NA	NA	NA
Vanadium	UG/L	NS	0 U	0 U	NA	NA	NA
Zinc	UG/L	2000 GV	0 U	0 U	NA	NA	NA
Miscellaneous Parameters							
Cyanide	ug/l	200	0 U	0 U	0 U	0 U	5 U
Free Cyanide	UG/L	NS	0 U	0 U	NA	NA	NA
Phenolics, Total Recoverable	ug/l	1	0 U	0 U	7.13	0 U	12 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 chemistry validation are shown.

Concentration Exceeds

NA - Not Analyzed

J - The reported concentration is an estimated value.

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

Detection Limits shown are MDL

Advanced Selection: Bedrock wells
P:\Database\NYSEG\Bridge Street\edms\EDMS.mde
Printed: 11/13/2007 2:29:07 PM
([LOCID] LIKE 'MW-*B*' OR [LOCID] = 'MW-07DD') AND [MATRIX] = 'WG'

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

Location ID			MW-01B	MW-02B	MW-02B	MW-02B	MW-02B
Sample ID			MW-01B 10/17/07	BSGDD0202	BSGDD0102	DUP-09/16/04	BSGDD0102_9/21/05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	01/30/02	09/16/04	09/16/04	09/21/05
Parameter	**Units**	*				Field Duplicate (1-1)	
Volatile Organic Compounds							
Benzene	ug/l	1	0.8 J	1,300	917	910	850
Ethylbenzene	ug/l	5	0.8 U	1,500	987	1,520	970
Toluene	ug/l	5	0.7 U	2,600	1,470	1,790	1,300
Xylene (total)	ug/l	5	0.8 U	2,800	1,800	2,800	1,600
Total Benzene, Toluene, Ethylbenzene, & Xylenes	ug/l	-	0.8	8,200	5,174	7,020	4,720
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	170 J	556	457	NA

*- 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 chemistry validation are shown.

Concentration Exceeds

NA - Not Analyzed

J - The reported concentration is an estimated value.

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

Detection Limits shown are MDL

Advanced Selection: Bedrock wells
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([LOCID] LIKE 'MW-*B*' OR [LOCID] = 'MW-07DD') AND [MATRIX] = 'WG'

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

Location ID			MW-01B	MW-02B	MW-02B	MW-02B	MW-02B
Sample ID			MW-01B 10/17/07	BSGDD0202	BSGDD0102	DUP-09/16/04	BSGDD0102_9/21/05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	01/30/02	09/16/04	09/16/04	09/21/05
Parameter	**Units**	*				Field Duplicate (1-1)	
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	1 U	26 J	94.2 J	67.4	7,100
Acenaphthylene	ug/l	NS	1 U	280	692	497	45,000
Anthracene	ug/l	50 GV	1 U	0 U	190 J	115	16,000
Benzidine	UG/L	5	NA	0 U	NA	NA	NA
Benzo(a)anthracene	ug/l	0.002 GV	1 U	0 U	122 J	70.2	11,000
Benzo(a)pyrene	ug/l	ND	1 U	0 U	128 J	69.9	11,000
Benzo(b)fluoranthene	ug/l	0.002 GV	1 U	0 U	54.3 J	31.6 J	8,700
Benzo(g,h,i)perylene	ug/l	NS	1 U	0 U	92.9 J	94.2	6,600
Benzo(k)fluoranthene	ug/l	0.002 GV	1 U	0 U	79.9 J	37.4 J	4,200
bis(2-Chloroisopropyl)ether	UG/L	5	NA	0 U	NA	NA	NA
bis(2-Chloroethoxy)methane	UG/L	5	NA	0 U	117 J	67.7	9,800
bis(2-Chloroethyl)ether	UG/L	1	NA	0 U	NA	NA	NA
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	0 U	NA	NA	NA

*- 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 chemistry validation are shown.

Concentration Exceeds

NA - Not Analyzed

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Advanced Selection: Bedrock wells
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([LOCID] LIKE 'MW-*B*' OR [LOCID] = 'MW-07DD') AND [MATRIX] = 'WG'

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

Location ID			MW-01B	MW-02B	MW-02B	MW-02B	MW-02B
Sample ID			MW-01B 10/17/07	BSGDD0202	BSGDD0102	DUP-09/16/04	BSGDD0102_9/21/05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	01/30/02	09/16/04	09/16/04	09/21/05
Parameter	**Units**	*				Field Duplicate (1-1)	
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	NA	0 U	NA	NA	NA
Chrysene	ug/l	0.002 GV	1 U	NA	NA	NA	NA
Dibenz(a,h)anthracene	ug/l	NS	1 U	0 U	0 U	13.3 J	1,000
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	1 U	0 U	348	208	33,000
Fluorene	ug/l	50 GV	1 U	34 J	247	161	18,000
Hexachlorocyclopentadiene	UG/L	5	NA	0 U	NA	NA	NA
Indeno(1,2,3-cd)pyrene	ug/l	0.002 GV	1 U	0 U	55.5 J	71.5	4,500
Isophorone	UG/L	50 GV	NA	0 U	NA	NA	NA
Naphthalene	ug/l	10 GV	1 U	3,000	4,130	4,030	150,000
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	1 U	68 J	950	30 J	79,000
Phenol	UG/L	1	NA	0 U	NA	NA	NA
Pyrene	ug/l	50 GV	1 U	0 U	520	299	45,000
Total Semivolatile Organic Compounds	UG/L	-	ND	3,578	8,376.8	6,320.2	449,900

*- 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

NA - Not Analyzed

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Detection Limits shown are MDL

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-01B	MW-02B	MW-02B	MW-02B	MW-02B
Sample ID			MW-01B 10/17/07	BSGDD0202	BSGDD0102	DUP-09/16/04	BSGDD0102_9/21/05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/17/07	01/30/02	09/16/04	09/16/04	09/21/05
Parameter	**Units**	*				Field Duplicate (1-1)	
Metals							
Aluminum	UG/L	NS	NA	19,000	NA	NA	NA
Antimony	UG/L	3	NA	0 U	NA	NA	NA
Arsenic	UG/L	25	NA	0 U	NA	NA	NA
Barium	UG/L	1000	NA	670	NA	NA	NA
Cadmium	UG/L	5	NA	0 U	NA	NA	NA
Chromium	UG/L	50	NA	20	NA	NA	NA
Copper	UG/L	200	NA	49	NA	NA	NA
Iron	UG/L	300	NA	24,000	NA	NA	NA
Lead	UG/L	25	NA	38	NA	NA	NA
Manganese	UG/L	300	NA	380	NA	NA	NA
Mercury	UG/L	0.7	NA	0 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	70	NA	NA	NA
Miscellaneous Parameters							
Cyanide	ug/l	200	5 U	0 U	0 U	0 U	0 U
Free Cyanide	UG/L	NS	NA	0 U	NA	NA	NA
Phenolics, Total Recoverable	ug/l	1	NA	36	106	118	0 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.

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([LOCID] LIKE 'MW-*B*' OR [LOCID] = 'MW-07DD') AND [MATRIX] = 'WG'

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-03B	MW-03B
Sample ID			DUP 09/21/05	MW-2B(09/12/2006)	MW-02B 10/17/07	MW-3B 10/04/02	BSGDD0203
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/21/05	09/12/06	10/17/07	10/04/02	09/16/04
Parameter	**Units**	*	Field Duplicate (1-1)				
Volatile Organic Compounds							
Benzene	ug/l	1	870	1,600	1,700	64	6.59
Ethylbenzene	ug/l	5	1,000	1,400	2,300	0 U	0.317 J
Toluene	ug/l	5	1,400	2,400	3,600	4	0.768 J
Xylene (total)	ug/l	5	1,700	2,200	3,900	0 U	0 U
Total Benzene, Toluene, Ethylbenzene, & Xylenes	ug/l	-	4,970	7,600	11,500	68	7.675
Semivolatile Organic Compounds							
2,4,6-Trichlorophenol	UG/L	1	NA	NA	NA	0 U	NA
2,4-Dinitrotoluene	UG/L	5	NA	NA	NA	0 U	NA
1,2-Diphenylhydrazine	UG/L	ND	NA	NA	NA	0 U	NA
Hexachlorobenzene	UG/L	0.04	NA	NA	NA	0 U	NA
Hexachloroethane	UG/L	5	NA	NA	NA	0 U	NA
Nitrobenzene	UG/L	0.4	NA	NA	NA	0 U	NA
1,2,4-Trichlorobenzene	UG/L	5	NA	NA	NA	0 U	NA
2,4-Dichlorophenol	UG/L	5	NA	NA	NA	0 U	NA
Pentachlorophenol	UG/L	1	NA	NA	NA	0 U	NA
2,4-Dimethylphenol	UG/L	50 GV	NA	NA	NA	0 U	NA
2,4-Dinitrophenol	UG/L	10 GV	NA	NA	NA	0 U	NA
1,2-Dichlorobenzene	UG/L	3	NA	NA	NA	0 U	NA
2,6-Dinitrotoluene	UG/L	5	NA	NA	NA	0 U	NA
2-Chloronaphthalene	UG/L	10	NA	NA	NA	0 U	NA
2-Chlorophenol	UG/L	1	NA	NA	NA	0 U	NA
2-Methylnaphthalene	UG/L	5	NA	NA	NA	0 U	0 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.

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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-02B	MW-02B	MW-02B	MW-03B	MW-03B
Sample ID			DUP 09/21/05	MW-2B(09/12/2006)	MW-02B 10/17/07	MW-3B 10/04/02	BSGDD0203
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/21/05	09/12/06	10/17/07	10/04/02	09/16/04
Parameter	**Units**	*	Field Duplicate (1-1)				
Semivolatile Organic Compounds							
2-Nitrophenol	UG/L	1	NA	NA	NA	0 U	NA
3,3'-Dichlorobenzidine	UG/L	5	NA	NA	NA	0 U	NA
1,3-Dichlorobenzene	UG/L	3	NA	NA	NA	0 U	NA
4,6-Dinitro-2-methylphenol	UG/L	1	NA	NA	NA	0 U	NA
4-Bromophenyl-phenylether	UG/L	50	NA	NA	NA	0 U	NA
1,4-Dichlorobenzene	UG/L	3	NA	NA	NA	0 U	NA
4-Chlorophenyl-phenylether	UG/L	50	NA	NA	NA	0 U	NA
4-Chloro-3-methylphenol	UG/L	1	NA	NA	NA	0 U	NA
4-Nitrophenol	UG/L	1	NA	NA	NA	0 U	NA
Acenaphthene	ug/l	20 GV	19,000	90	11,000	0 U	0 U
Acenaphthylene	ug/l	NS	120,000	690	54,000	0 U	0 U
Anthracene	ug/l	50 GV	43,000	110	22,000	0 U	0 U
Benzidine	UG/L	5	NA	NA	NA	0 U	NA
Benzo(a)anthracene	ug/l	0.002 GV	31,000	68	15,000	0 U	0 U
Benzo(a)pyrene	ug/l	ND	30,000	72	17,000	0 U	0 U
Benzo(b)fluoranthene	ug/l	0.002 GV	21,000	53	12,000	0 U	0 U
Benzo(g,h,i)perylene	ug/l	NS	17,000	51	12,000	0 U	0 U
Benzo(k)fluoranthene	ug/l	0.002 GV	7,500	22	3,300	0 U	0 U
bis(2-Chloroisopropyl)ether	UG/L	5	NA	NA	NA	0 U	NA
bis(2-Chloroethoxy)methane	UG/L	5	28,000	NA	NA	0 U	0 U
bis(2-Chloroethyl)ether	UG/L	1	NA	NA	NA	0 U	NA
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	NA	NA	0 U	NA

*- 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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([LOCID] LIKE 'MW-*B*' OR [LOCID] = 'MW-07DD') AND [MATRIX] = 'WG'

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-03B	MW-03B
Sample ID			DUP 09/21/05	MW-2B(09/12/2006)	MW-02B 10/17/07	MW-3B 10/04/02	BSGDD0203
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/21/05	09/12/06	10/17/07	10/04/02	09/16/04
Parameter	**Units**	*	Field Duplicate (1-1)				
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	NA	NA	NA	0 U	NA
Chrysene	ug/l	0.002 GV	NA	67	14,000	NA	NA
Dibenz(a,h)anthracene	ug/l	NS	2,500	8	1,600	0 U	0 U
Dibenzofuran	UG/L	NS	NA	NA	NA	0 U	NA
Diethylphthalate	UG/L	50 GV	NA	NA	NA	0 U	NA
Dimethylphthalate	UG/L	50 GV	NA	NA	NA	0 U	NA
Di-n-butylphthalate	UG/L	50 GV	NA	NA	NA	0 U	NA
Hexachlorobutadiene	UG/L	0.5	NA	NA	NA	0 U	NA
Di-n-octylphthalate	UG/L	50	NA	NA	NA	0 U	NA
Fluoranthene	ug/l	50 GV	85,000	200	41,000	0 U	0 U
Fluorene	ug/l	50 GV	50,000	200	27,000	0 U	0 U
Hexachlorocyclopentadiene	UG/L	5	NA	NA	NA	0 U	NA
Indeno(1,2,3-cd)pyrene	ug/l	0.002 GV	12,000	42	9,600	0 U	0 U
Isophorone	UG/L	50 GV	NA	NA	NA	0 U	NA
Naphthalene	ug/l	10 GV	380,000	6,000	200,000	0 U	0 U
N-Nitrosodimethylamine	UG/L	NS	NA	NA	NA	0 U	NA
N-Nitrosodiphenylamine	UG/L	50 GV	NA	NA	NA	0 U	NA
Phenanthrene	ug/l	50 GV	200,000	570	110,000	0 U	0 U
Phenol	UG/L	1	NA	NA	NA	0 U	NA
Pyrene	ug/l	50 GV	120,000	280	49,000	0 U	0 U
Total Semivolatile Organic Compounds	UG/L	-	1,166,000	8,523	598,500	ND	ND

*- 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

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Advanced Selection: Bedrock wells
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([LOCID] LIKE 'MW-*B*' OR [LOCID] = 'MW-07DD') AND [MATRIX] = 'WG'

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-03B	MW-03B
Sample ID			DUP 09/21/05	MW-2B(09/12/2006)	MW-02B 10/17/07	MW-3B 10/04/02	BSGDD0203
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/21/05	09/12/06	10/17/07	10/04/02	09/16/04
Parameter	**Units**	*	Field Duplicate (1-1)				
Metals							
Aluminum	UG/L	NS	NA	NA	NA	800	NA
Antimony	UG/L	3	NA	NA	NA	0 U	NA
Arsenic	UG/L	25	NA	NA	NA	0 U	NA
Barium	UG/L	1000	NA	NA	NA	10	NA
Cadmium	UG/L	5	NA	NA	NA	0 U	NA
Chromium	UG/L	50	NA	NA	NA	0 U	NA
Copper	UG/L	200	NA	NA	NA	0 U	NA
Iron	UG/L	300	NA	NA	NA	2,090	NA
Lead	UG/L	25	NA	NA	NA	0 U	NA
Manganese	UG/L	300	NA	NA	NA	30	NA
Mercury	UG/L	0.7	NA	NA	NA	0 U	NA
Nickel	UG/L	100	NA	NA	NA	0 U	NA
Selenium	UG/L	10	NA	NA	NA	0 U	NA
Silver	UG/L	50	NA	NA	NA	0 U	NA
Vanadium	UG/L	NS	NA	NA	NA	0 U	NA
Zinc	UG/L	2000 GV	NA	NA	NA	0 U	NA
Miscellaneous Parameters							
Cyanide	ug/l	200	0 U	5 U	NA	110	0 U
Free Cyanide	UG/L	NS	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	ug/l	1	0 U	61	NA	NA	23.4

*- 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 chemistry validation are shown.

Concentration Exceeds

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J - The reported concentration is an estimated value.

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

Detection Limits shown are MDL

Advanced Selection: Bedrock wells
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([LOCID] LIKE 'MW-*B*' OR [LOCID] = 'MW-07DD') AND [MATRIX] = 'WG'

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

Location ID			MW-03B	MW-03B	MW-03B	MW-03B	MW-06B
Sample ID			BSGDD0203_9/21/05	DUP20060912	MW-3B(09/12/2006)	MW-03B 10/17/07	BSGDD026B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/21/05	09/12/06	09/12/06	10/17/07	01/28/02
Parameter	**Units**	*		Field Duplicate (1-1)			
Volatile Organic Compounds							
Benzene	ug/l	1	310	640	640	760	1
Ethylbenzene	ug/l	5	97	430	440	390	0 U
Toluene	ug/l	5	50	160	160	190	0 U
Xylene (total)	ug/l	5	81	290	290	290	0 U
Total Benzene, Toluene, Ethylbenzene, & Xylenes	ug/l	-	538	1,520	1,530	1,630	1
Semivolatile Organic Compounds							
2,4,6-Trichlorophenol	UG/L	1	NA	NA	NA	NA	0 U
2,4-Dinitrotoluene	UG/L	5	NA	NA	NA	NA	0 U
1,2-Diphenylhydrazine	UG/L	ND	NA	NA	NA	NA	0 U
Hexachlorobenzene	UG/L	0.04	NA	NA	NA	NA	0 U
Hexachloroethane	UG/L	5	NA	NA	NA	NA	0 U
Nitrobenzene	UG/L	0.4	NA	NA	NA	NA	0 U
1,2,4-Trichlorobenzene	UG/L	5	NA	NA	NA	NA	0 U
2,4-Dichlorophenol	UG/L	5	NA	NA	NA	NA	0 U
Pentachlorophenol	UG/L	1	NA	NA	NA	NA	0 U
2,4-Dimethylphenol	UG/L	50 GV	NA	NA	NA	NA	0 U
2,4-Dinitrophenol	UG/L	10 GV	NA	NA	NA	NA	0 U
1,2-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	0 U
2,6-Dinitrotoluene	UG/L	5	NA	NA	NA	NA	0 U
2-Chloronaphthalene	UG/L	10	NA	NA	NA	NA	0 U
2-Chlorophenol	UG/L	1	NA	NA	NA	NA	0 U
2-Methylnaphthalene	UG/L	5	NA	NA	NA	NA	0 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 chemistry validation are shown.

Concentration Exceeds

NA - Not Analyzed

J - The reported concentration is an estimated value.

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

Detection Limits shown are MDL

Advanced Selection: Bedrock wells
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([LOCID] LIKE 'MW-*B*' OR [LOCID] = 'MW-07DD') AND [MATRIX] = 'WG'

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

Location ID			MW-03B	MW-03B	MW-03B	MW-03B	MW-06B
Sample ID			BSGDD0203_9/21/05	DUP20060912	MW-3B(09/12/2006)	MW-03B 10/17/07	BSGDD026B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/21/05	09/12/06	09/12/06	10/17/07	01/28/02
Parameter	**Units**	*		Field Duplicate (1-1)			
Semivolatile Organic Compounds							
2-Nitrophenol	UG/L	1	NA	NA	NA	NA	0 U
3,3'-Dichlorobenzidine	UG/L	5	NA	NA	NA	NA	0 U
1,3-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	0 U
4,6-Dinitro-2-methylphenol	UG/L	1	NA	NA	NA	NA	0 U
4-Bromophenyl-phenylether	UG/L	50	NA	NA	NA	NA	0 U
1,4-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	0 U
4-Chlorophenyl-phenylether	UG/L	50	NA	NA	NA	NA	0 U
4-Chloro-3-methylphenol	UG/L	1	NA	NA	NA	NA	0 U
4-Nitrophenol	UG/L	1	NA	NA	NA	NA	0 U
Acenaphthene	ug/l	20 GV	23	37	37	43	0 U
Acenaphthylene	ug/l	NS	3 J	5	5	9	0 U
Anthracene	ug/l	50 GV	0 U	0.9 U	0.9 U	1 U	0 U
Benzidine	UG/L	5	NA	NA	NA	NA	0 U
Benzo(a)anthracene	ug/l	0.002 GV	0 U	0.9 U	0.9 U	1 U	0 U
Benzo(a)pyrene	ug/l	ND	0 U	0.9 U	0.9 U	1 U	0 U
Benzo(b)fluoranthene	ug/l	0.002 GV	0 U	0.9 U	0.9 U	1 U	0 U
Benzo(g,h,i)perylene	ug/l	NS	0 U	0.9 U	0.9 U	1 U	0 U
Benzo(k)fluoranthene	ug/l	0.002 GV	0 U	0.9 U	0.9 U	1 U	0 U
bis(2-Chloroisopropyl)ether	UG/L	5	NA	NA	NA	NA	0 U
bis(2-Chloroethoxy)methane	UG/L	5	0 U	NA	NA	NA	0 U
bis(2-Chloroethyl)ether	UG/L	1	NA	NA	NA	NA	0 U
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	NA	NA	NA	0 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 chemistry validation are shown.

Concentration Exceeds

NA - Not Analyzed

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Detection Limits shown are MDL

Advanced Selection: Bedrock wells
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([LOCID] LIKE 'MW-*B*' OR [LOCID] = 'MW-07DD') AND [MATRIX] = 'WG'

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

Location ID			MW-03B	MW-03B	MW-03B	MW-03B	MW-06B
Sample ID			BSGDD0203_9/21/05	DUP20060912	MW-3B(09/12/2006)	MW-03B 10/17/07	BSGDD026B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/21/05	09/12/06	09/12/06	10/17/07	01/28/02
Parameter	**Units**	*		Field Duplicate (1-1)			
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	NA	NA	NA	NA	0 U
Chrysene	ug/l	0.002 GV	NA	0.9 U	0.9 U	1 U	NA
Dibenz(a,h)anthracene	ug/l	NS	0 U	0.9 U	0.9 U	1 U	0 U
Dibenzofuran	UG/L	NS	NA	NA	NA	NA	NA
Diethylphthalate	UG/L	50 GV	NA	NA	NA	NA	0 U
Dimethylphthalate	UG/L	50 GV	NA	NA	NA	NA	0 U
Di-n-butylphthalate	UG/L	50 GV	NA	NA	NA	NA	0 U
Hexachlorobutadiene	UG/L	0.5	NA	NA	NA	NA	0 U
Di-n-octylphthalate	UG/L	50	NA	NA	NA	NA	0 U
Fluoranthene	ug/l	50 GV	0 U	0.9 U	0.9 U	1 U	0 U
Fluorene	ug/l	50 GV	2 J	3 J	3 J	4 J	0 U
Hexachlorocyclopentadiene	UG/L	5	NA	NA	NA	NA	0 U
Indeno(1,2,3-cd)pyrene	ug/l	0.002 GV	0 U	0.9 U	0.9 U	1 U	0 U
Isophorone	UG/L	50 GV	NA	NA	NA	NA	0 U
Naphthalene	ug/l	10 GV	440	1,300	1,200	1,100	0 U
N-Nitrosodimethylamine	UG/L	NS	NA	NA	NA	NA	0 U
N-Nitrosodiphenylamine	UG/L	50 GV	NA	NA	NA	NA	0 U
Phenanthrene	ug/l	50 GV	1 J	2 J	2 J	2 J	0 U
Phenol	UG/L	1	NA	NA	NA	NA	68
Pyrene	ug/l	50 GV	0 U	0.9 U	0.9 U	1 U	0 U
Total Semivolatile Organic Compounds	ug/l	-	469	1,347	1,247	1,158	68

*- 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

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Detection Limits shown are MDL

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-03B	MW-03B	MW-03B	MW-03B	MW-06B
Sample ID			BSGDD0203_9/21/05	DUP20060912	MW-3B(09/12/2006)	MW-03B 10/17/07	BSGDD026B
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/21/05	09/12/06	09/12/06	10/17/07	01/28/02
Parameter	**Units**	*		Field Duplicate (1-1)			
Metals							
Aluminum	UG/L	NS	NA	NA	NA	NA	800
Antimony	UG/L	3	NA	NA	NA	NA	0 U
Arsenic	UG/L	25	NA	NA	NA	NA	0 U
Barium	UG/L	1000	NA	NA	NA	NA	110
Cadmium	UG/L	5	NA	NA	NA	NA	0 U
Chromium	UG/L	50	NA	NA	NA	NA	0 U
Copper	UG/L	200	NA	NA	NA	NA	29
Iron	UG/L	300	NA	NA	NA	NA	150
Lead	UG/L	25	NA	NA	NA	NA	0 U
Manganese	UG/L	300	NA	NA	NA	NA	0 U
Mercury	UG/L	0.7	NA	NA	NA	NA	0 U
Nickel	UG/L	100	NA	NA	NA	NA	0 U
Selenium	UG/L	10	NA	NA	NA	NA	0 U
Silver	UG/L	50	NA	NA	NA	NA	0 U
Vanadium	UG/L	NS	NA	NA	NA	NA	0 U
Zinc	UG/L	2000 GV	NA	NA	NA	NA	0 U
Miscellaneous Parameters							
Cyanide	ug/l	200	0 U	5 U	5 U	5 U	0 U
Free Cyanide	UG/L	NS	NA	NA	NA	NA	0 U
Phenolics, Total Recoverable	ug/l	1	27 J	35 J	41	23 J	NA

*- 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-06B	MW-06B	MW-06B	MW-06B
Sample ID			BSGDD0206	BSGDD0106	BSGDD0106_9/21/05	MW-6B(09/12/2006)	MW-06B 10/17/07
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/30/02	09/16/04	09/21/05	09/12/06	10/17/07
Parameter	**Units**	*					
Volatile Organic Compounds							
Benzene	ug/l	1	NA	1.58	3 J	2 J	14
Ethylbenzene	ug/l	5	NA	1.71	22	1 J	1 J
Toluene	ug/l	5	NA	1.61	11	3 J	30
Xylene (total)	ug/l	5	NA	4.22	57	7	91
Total Benzene, Toluene, Ethylbenzene, & Xylenes	ug/l	-	NA	9.12	93	13	136
Semivolatile Organic Compounds							
2,4,6-Trichlorophenol	UG/L	1	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	UG/L	5	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	UG/L	ND	NA	NA	NA	NA	NA
Hexachlorobenzene	UG/L	0.04	NA	NA	NA	NA	NA
Hexachloroethane	UG/L	5	NA	NA	NA	NA	NA
Nitrobenzene	UG/L	0.4	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	UG/L	5	NA	NA	NA	NA	NA
2,4-Dichlorophenol	UG/L	5	NA	NA	NA	NA	NA
Pentachlorophenol	UG/L	1	NA	NA	NA	NA	NA
2,4-Dimethylphenol	UG/L	50 GV	NA	NA	NA	NA	NA
2,4-Dinitrophenol	UG/L	10 GV	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	UG/L	5	NA	NA	NA	NA	NA
2-Chloronaphthalene	UG/L	10	NA	NA	NA	NA	NA
2-Chlorophenol	UG/L	1	NA	NA	NA	NA	NA
2-Methylnaphthalene	UG/L	5	NA	5.51 J	NA	NA	NA

*- 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 chemistry validation are shown.

Concentration Exceeds

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

Detection Limits shown are MDL

Advanced Selection: Bedrock wells
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([LOCID] LIKE 'MW-*B*' OR [LOCID] = 'MW-07DD') AND [MATRIX] = 'WG'

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

Location ID			MW-06B	MW-06B	MW-06B	MW-06B	MW-06B
Sample ID			BSGDD0206	BSGDD0106	BSGDD0106_9/21/05	MW-6B(09/12/2006)	MW-06B 10/17/07
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/30/02	09/16/04	09/21/05	09/12/06	10/17/07
Parameter	**Units**	*					
Semivolatile Organic Compounds							
2-Nitrophenol	UG/L	1	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	UG/L	5	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/L	1	NA	NA	NA	NA	NA
4-Bromophenyl-phenylether	UG/L	50	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	UG/L	50	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol	UG/L	1	NA	NA	NA	NA	NA
4-Nitrophenol	UG/L	1	NA	NA	NA	NA	NA
Acenaphthene	ug/l	20 GV	NA	0 U	NA	57	120
Acenaphthylene	ug/l	NS	NA	4.89 J	NA	310	760
Anthracene	ug/l	50 GV	NA	0 U	NA	250	390
Benzidine	UG/L	5	NA	NA	NA	NA	NA
Benzo(a)anthracene	ug/l	0.002 GV	NA	0 U	NA	280	360
Benzo(a)pyrene	ug/l	ND	NA	0 U	NA	310	380
Benzo(b)fluoranthene	ug/l	0.002 GV	NA	0 U	NA	220	290
Benzo(g,h,i)perylene	ug/l	NS	NA	0 U	NA	230	300
Benzo(k)fluoranthene	ug/l	0.002 GV	NA	0 U	NA	84	120
bis(2-Chloroisopropyl)ether	UG/L	5	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	UG/L	5	NA	0 U	NA	NA	NA
bis(2-Chloroethyl)ether	UG/L	1	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	NA	NA	NA	NA

*- 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 chemistry validation are shown.

Concentration Exceeds

NA - Not Analyzed

J - The reported concentration is an estimated value.

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

Detection Limits shown are MDL

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-06B	MW-06B	MW-06B	MW-06B
Sample ID			BSGDD0206	BSGDD0106	BSGDD0106_9/21/05	MW-6B(09/12/2006)	MW-06B 10/17/07
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/30/02	09/16/04	09/21/05	09/12/06	10/17/07
Parameter	**Units**	*					
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Chrysene	ug/l	0.002 GV	NA	NA	NA	270	350
Dibenz(a,h)anthracene	ug/l	NS	NA	0 U	NA	5	54
Dibenzofuran	UG/L	NS	NA	NA	NA	NA	NA
Diethylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Dimethylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Di-n-butylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Hexachlorobutadiene	UG/L	0.5	NA	NA	NA	NA	NA
Di-n-octylphthalate	UG/L	50	NA	NA	NA	NA	NA
Fluoranthene	ug/l	50 GV	NA	0 U	NA	600	940
Fluorene	ug/l	50 GV	NA	0 U	NA	180	260
Hexachlorocyclopentadiene	UG/L	5	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	ug/l	0.002 GV	NA	0 U	NA	190	240
Isophorone	UG/L	50 GV	NA	NA	NA	NA	NA
Naphthalene	ug/l	10 GV	NA	11.1	NA	120	830
N-Nitrosodimethylamine	UG/L	NS	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	UG/L	50 GV	NA	NA	NA	NA	NA
Phenanthrene	ug/l	50 GV	NA	2.79 J	NA	860	1,500
Phenol	UG/L	1	NA	NA	NA	NA	NA
Pyrene	ug/l	50 GV	NA	0 U	NA	820	1,200
Total Semivolatile Organic Compounds	UG/L	-	NA	24.29	NA	4,786	8,094

*- 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 chemistry validation are shown.

Concentration Exceeds

NA - Not Analyzed

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Detection Limits shown are MDL

Advanced Selection: Bedrock wells
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([LOCID] LIKE 'MW-*B*' OR [LOCID] = 'MW-07DD') AND [MATRIX] = 'WG'

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

Location ID			MW-06B	MW-06B	MW-06B	MW-06B	MW-06B
Sample ID			BSGDD0206	BSGDD0106	BSGDD0106_9/21/05	MW-6B(09/12/2006)	MW-06B 10/17/07
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/30/02	09/16/04	09/21/05	09/12/06	10/17/07
Parameter	**Units**	*					
Metals							
Aluminum	UG/L	NS	NA	NA	NA	NA	NA
Antimony	UG/L	3	NA	NA	NA	NA	NA
Arsenic	UG/L	25	NA	NA	NA	NA	NA
Barium	UG/L	1000	NA	NA	NA	NA	NA
Cadmium	UG/L	5	NA	NA	NA	NA	NA
Chromium	UG/L	50	NA	NA	NA	NA	NA
Copper	UG/L	200	NA	NA	NA	NA	NA
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Mercury	UG/L	0.7	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Selenium	UG/L	10	NA	NA	NA	NA	NA
Silver	UG/L	50	NA	NA	NA	NA	NA
Vanadium	UG/L	NS	NA	NA	NA	NA	NA
Zinc	UG/L	2000 GV	NA	NA	NA	NA	NA
Miscellaneous Parameters							
Cyanide	ug/l	200	NA	0 U	0 U	5 U	5 U
Free Cyanide	UG/L	NS	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	ug/l	1	234	42.5	NA	27 J	110

*- 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 chemistry validation are shown.

Concentration Exceeds

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Detection Limits shown are MDL

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-07BD	MW-07BD	MW-07BD	MW-07BD	MW-07BD
Sample ID			BSGDD0207	BSGDD0107	BSGDD0107_9/21/05	MW-7BD(09/12/2006)	MW-07BD 10/17/07
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/30/02	09/16/04	09/21/05	09/12/06	10/17/07
Parameter	**Units**	*					
Volatile Organic Compounds							
Benzene	ug/l	1	1,300	464	830	1,100	1,400
Ethylbenzene	ug/l	5	930	279	980	780	660
Toluene	ug/l	5	1,900	581	1,300	1,400	1,600
Xylene (total)	ug/l	5	2,300	855	2,100	1,700	1,500
Total Benzene, Toluene, Ethylbenzene, & Xylenes	ug/l	-	6,430	2,179	5,210	4,980	5,160
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	640	222 J	NA	NA	NA

*- 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 chemistry validation are shown.

Concentration Exceeds

NA - Not Analyzed

J - The reported concentration is an estimated value.

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

Detection Limits shown are MDL

Advanced Selection: Bedrock wells
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([LOCID] LIKE 'MW-*B*' OR [LOCID] = 'MW-07DD') AND [MATRIX] = 'WG'

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

Location ID			MW-07BD	MW-07BD	MW-07BD	MW-07BD	MW-07BD
Sample ID			BSGDD0207	BSGDD0107	BSGDD0107_9/21/05	MW-7BD(09/12/2006)	MW-07BD 10/17/07
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/30/02	09/16/04	09/21/05	09/12/06	10/17/07
Parameter	**Units**	*					
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	160 J	39.4	NA	530	79
Acenaphthylene	ug/l	NS	920	230 J	NA	2,700	360
Anthracene	ug/l	50 GV	240 J	26.6	NA	840	74
Benzidine	UG/L	5	0 U	NA	NA	NA	NA
Benzo(a)anthracene	ug/l	0.002 GV	100 J	11.9	NA	610	45
Benzo(a)pyrene	ug/l	ND	40 J	10.6	NA	630	51
Benzo(b)fluoranthene	ug/l	0.002 GV	44 J	4.94 J	NA	470	39
Benzo(g,h,i)perylene	ug/l	NS	0 U	8.08 J	NA	400	35
Benzo(k)fluoranthene	ug/l	0.002 GV	48 J	5.8 J	NA	200	14
bis(2-Chloroisopropyl)ether	UG/L	5	0 U	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	UG/L	5	100 J	11.2	NA	NA	NA
bis(2-Chloroethyl)ether	UG/L	1	0 U	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	UG/L	5	44 J	NA	NA	NA	NA

*- 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

NA - Not Analyzed

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Detection Limits shown are MDL

Advanced Selection: Bedrock wells
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([LOCID] LIKE 'MW-*B*' OR [LOCID] = 'MW-07DD') AND [MATRIX] = 'WG'

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

Location ID			MW-07BD	MW-07BD	MW-07BD	MW-07BD	MW-07BD
Sample ID			BSGDD0207	BSGDD0107	BSGDD0107_9/21/05	MW-7BD(09/12/2006)	MW-07BD 10/17/07
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/30/02	09/16/04	09/21/05	09/12/06	10/17/07
Parameter	**Units**	*					
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	0 U	NA	NA	NA	NA
Chrysene	ug/l	0.002 GV	NA	NA	NA	570	45
Dibenz(a,h)anthracene	ug/l	NS	0 U	1.31 J	NA	64	6
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	300 J	46.9	NA	2,000	140
Fluorene	ug/l	50 GV	300 J	62.6	NA	1,100	130
Hexachlorocyclopentadiene	UG/L	5	0 U	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	ug/l	0.002 GV	0 U	12.4	NA	330	30
Isophorone	UG/L	50 GV	0 U	NA	NA	NA	NA
Naphthalene	ug/l	10 GV	6,400	2,420	NA	13,000	4,100
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	1,000	6.06 J	NA	4,800	400
Phenol	UG/L	1	0 U	NA	NA	NA	NA
Pyrene	ug/l	50 GV	560	56	NA	2,800	170
Total Semivolatile Organic Compounds	UG/L	-	10,896	3,175.79	NA	31,044	5,718

*- 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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([LOCID] LIKE 'MW-*B*' OR [LOCID] = 'MW-07DD') AND [MATRIX] = 'WG'

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

Location ID			MW-07BD	MW-07BD	MW-07BD	MW-07BD	MW-07BD
Sample ID			BSGDD0207	BSGDD0107	BSGDD0107_9/21/05	MW-7BD(09/12/2006)	MW-07BD 10/17/07
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/30/02	09/16/04	09/21/05	09/12/06	10/17/07
Parameter	**Units**	*					
Metals							
Aluminum	UG/L	NS	5,400	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	120	NA	NA	NA	NA
Cadmium	UG/L	5	0 U	NA	NA	NA	NA
Chromium	UG/L	50	0 U	NA	NA	NA	NA
Copper	UG/L	200	34	NA	NA	NA	NA
Iron	UG/L	300	128,000	NA	NA	NA	NA
Lead	UG/L	25	0 U	NA	NA	NA	NA
Manganese	UG/L	300	1,440	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	4,140	NA	NA	NA	NA
Miscellaneous Parameters							
Cyanide	ug/l	200	0 U	0 U	0 U	5 U	5 U
Free Cyanide	UG/L	NS	0 U	NA	NA	NA	NA
Phenolics, Total Recoverable	ug/l	1	207	31.1	NA	300	150

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

Location ID			MW-07BS	MW-07BS	MW-07BS	MW-07BS	MW-07BS
Sample ID			BSGDIM0207	BSGDIM0107	BSGDIM0107_9/21/05	MW-7BS(09/12/2006)	MW-07BS 10/17/07
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/29/02	09/16/04	09/21/05	09/12/06	10/17/07
Parameter	**Units**	*					
Volatile Organic Compounds							
Benzene	ug/l	1	86	29.1	35	64	22
Ethylbenzene	ug/l	5	79	20.8	18	21	10
Toluene	ug/l	5	45	6.1	5 J	8	3 J
Xylene (total)	ug/l	5	111	19.6	17	17	10
Total Benzene, Toluene, Ethylbenzene, & Xylenes	ug/l	-	321	75.6	75	110	45
Semivolatile Organic Compounds							
2,4,6-Trichlorophenol	UG/L	1	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	69	13.1	NA	NA	NA

*- 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-07BS	MW-07BS	MW-07BS	MW-07BS	MW-07BS
Sample ID			BSGDIM0207	BSGDIM0107	BSGDIM0107_9/21/05	MW-7BS(09/12/2006)	MW-07BS 10/17/07
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/29/02	09/16/04	09/21/05	09/12/06	10/17/07
Parameter	**Units**	*					
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	114	66	130	59	42
Acenaphthylene	ug/l	NS	35	21.8	39	24	18
Anthracene	ug/l	50 GV	23	8.3 J	25	10	8
Benzidine	UG/L	5	0 U	NA	NA	NA	NA
Benzo(a)anthracene	ug/l	0.002 GV	0 U	1.29 J	11	0.9 U	0.9 U
Benzo(a)pyrene	ug/l	ND	0 U	0.982 J	13	0.9 U	0.9 U
Benzo(b)fluoranthene	ug/l	0.002 GV	0 U	0 U	11	0.9 U	0.9 U
Benzo(g,h,i)perylene	ug/l	NS	0 U	0 U	9	0.9 U	0.9 U
Benzo(k)fluoranthene	ug/l	0.002 GV	0 U	0 U	4 J	0.9 U	0.9 U
bis(2-Chloroisopropyl)ether	UG/L	5	0 U	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	UG/L	5	0 U	1.2 J	11	NA	NA
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

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

Location ID			MW-07BS	MW-07BS	MW-07BS	MW-07BS	MW-07BS
Sample ID			BSGDIM0207	BSGDIM0107	BSGDIM0107_9/21/05	MW-7BS(09/12/2006)	MW-07BS 10/17/07
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/29/02	09/16/04	09/21/05	09/12/06	10/17/07
Parameter	**Units**	*					
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	0 U	NA	NA	NA	NA
Chrysene	ug/l	0.002 GV	NA	NA	NA	0.9 U	0.9 U
Dibenz(a,h)anthracene	ug/l	NS	0 U	0 U	0 U	0.9 U	0.9 U
Dibenzofuran	UG/L	NS	2.9 J	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	6 J	8.69 J	44	8	6
Fluorene	ug/l	50 GV	33	17.7	40	19	16
Hexachlorocyclopentadiene	UG/L	5	0 U	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	ug/l	0.002 GV	0 U	0 U	6	0.9 U	0.9 U
Isophorone	UG/L	50 GV	0 U	NA	NA	NA	NA
Naphthalene	ug/l	10 GV	380	147	150	71	48
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	61	52.9	140	51	48
Phenol	UG/L	1	0 U	NA	NA	NA	NA
Pyrene	ug/l	50 GV	6 J	11	56	9	6
Total Semivolatile Organic Compounds	UG/L	-	729.9	349.962	689	251	192

*- 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

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

Location ID			MW-07BS	MW-07BS	MW-07BS	MW-07BS	MW-07BS
Sample ID			BSGDIM0207	BSGDIM0107	BSGDIM0107_9/21/05	MW-7BS(09/12/2006)	MW-07BS 10/17/07
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/29/02	09/16/04	09/21/05	09/12/06	10/17/07
Parameter	**Units**	*					
Metals							
Aluminum	UG/L	NS	0 U	NA	NA	NA	NA
Antimony	UG/L	3	0 U	NA	NA	NA	NA
Arsenic	UG/L	25	6	NA	NA	NA	NA
Barium	UG/L	1000	30	NA	NA	NA	NA
Cadmium	UG/L	5	0 U	NA	NA	NA	NA
Chromium	UG/L	50	0 U	NA	NA	NA	NA
Copper	UG/L	200	0 U	NA	NA	NA	NA
Iron	UG/L	300	190	NA	NA	NA	NA
Lead	UG/L	25	0 U	NA	NA	NA	NA
Manganese	UG/L	300	160	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	0 U	NA	NA	NA	NA
Miscellaneous Parameters							
Cyanide	ug/l	200	40	7.97 J	0 U	5 U	5 U
Free Cyanide	UG/L	NS	0 U	NA	NA	NA	NA
Phenolics, Total Recoverable	ug/l	1	28	167	0 U	12 U	15 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.

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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-07DD	MW-08B	MW-08BD	MW-09B	MW-09B
Sample ID			MW-7DD 10/16/02	MW-8BS	BSGDD0208	BSGDD0209	BSGDD0109
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/16/02	12/28/01	02/27/02	01/30/02	09/16/04
Parameter	**Units**	*					
Volatile Organic Compounds							
Benzene	ug/l	1	0 U	0 U	0 U	3	0.434 J
Ethylbenzene	ug/l	5	0 U	0 U	0 U	0 U	0 U
Toluene	ug/l	5	0 U	0 U	0 U	0 U	0.357 J
Xylene (total)	ug/l	5	0 U	0 U	0 U	8	0 U
Total Benzene, Toluene, Ethylbenzene, & Xylenes	ug/l	-	ND	ND	ND	11	0.791
Semivolatile Organic Compounds							
2,4,6-Trichlorophenol	UG/L	1	0 U	0 U	0 U	0 U	NA
2,4-Dinitrotoluene	UG/L	5	0 U	0 U	0 U	0 U	NA
1,2-Diphenylhydrazine	UG/L	ND	0 U	0 U	0 U	0 U	NA
Hexachlorobenzene	UG/L	0.04	0 U	0 U	0 U	0 U	NA
Hexachloroethane	UG/L	5	0 U	0 U	0 U	0 U	NA
Nitrobenzene	UG/L	0.4	0 U	0 U	0 U	0 U	NA
1,2,4-Trichlorobenzene	UG/L	5	0 U	0 U	0 U	0 U	NA
2,4-Dichlorophenol	UG/L	5	0 U	0 U	0 U	0 U	NA
Pentachlorophenol	UG/L	1	0 U	0 U	0 U	0 U	NA
2,4-Dimethylphenol	UG/L	50 GV	0 U	0 U	0 U	0 U	NA
2,4-Dinitrophenol	UG/L	10 GV	0 U	0 U	0 U	0 U	NA
1,2-Dichlorobenzene	UG/L	3	0 U	0 U	0 U	0 U	NA
2,6-Dinitrotoluene	UG/L	5	0 U	0 U	0 U	0 U	NA
2-Chloronaphthalene	UG/L	10	0 U	0 U	0 U	0 U	NA
2-Chlorophenol	UG/L	1	0 U	0 U	0 U	0 U	NA
2-Methylnaphthalene	UG/L	5	0 U	0 U	0 U	0 U	0 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.

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Advanced Selection: Bedrock wells
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([LOCID] LIKE 'MW-*B*' OR [LOCID] = 'MW-07DD') AND [MATRIX] = 'WG'

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

Location ID			MW-07DD	MW-08B	MW-08BD	MW-09B	MW-09B
Sample ID			MW-7DD 10/16/02	MW-8BS	BSGDD0208	BSGDD0209	BSGDD0109
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/16/02	12/28/01	02/27/02	01/30/02	09/16/04
Parameter	**Units**	*					
Semivolatile Organic Compounds							
2-Nitrophenol	UG/L	1	0 U	0 U	0 U	0 U	NA
3,3'-Dichlorobenzidine	UG/L	5	0 U	0 U	0 U	0 U	NA
1,3-Dichlorobenzene	UG/L	3	0 U	0 U	0 U	0 U	NA
4,6-Dinitro-2-methylphenol	UG/L	1	0 U	0 U	0 U	0 U	NA
4-Bromophenyl-phenylether	UG/L	50	0 U	0 U	0 U	0 U	NA
1,4-Dichlorobenzene	UG/L	3	0 U	0 U	0 U	0 U	NA
4-Chlorophenyl-phenylether	UG/L	50	0 U	0 U	0 U	0 U	NA
4-Chloro-3-methylphenol	UG/L	1	0 U	0 U	0 U	0 U	NA
4-Nitrophenol	UG/L	1	0 U	0 U	0 U	0 U	NA
Acenaphthene	ug/l	20 GV	0 U	0 U	0 U	0 U	0 U
Acenaphthylene	ug/l	NS	0 U	0 U	0 U	0 U	1.87 J
Anthracene	ug/l	50 GV	0 U	0 U	0 U	0 U	0 U
Benzidine	UG/L	5	0 U	0 U	0 U	0 U	NA
Benzo(a)anthracene	ug/l	0.002 GV	0 U	0 U	0 U	0 U	0 U
Benzo(a)pyrene	ug/l	ND	0 U	0 U	0 U	0 U	0 U
Benzo(b)fluoranthene	ug/l	0.002 GV	0 U	0 U	0 U	0 U	0 U
Benzo(g,h,i)perylene	ug/l	NS	0 U	0 U	0 U	0 U	0 U
Benzo(k)fluoranthene	ug/l	0.002 GV	0 U	0 U	0 U	0 U	0 U
bis(2-Chloroisopropyl)ether	UG/L	5	0 U	0 U	0 U	0 U	NA
bis(2-Chloroethoxy)methane	UG/L	5	0 U	0 U	0 U	0 U	0 U
bis(2-Chloroethyl)ether	UG/L	1	0 U	0 U	0 U	0 U	NA
bis(2-Ethylhexyl)phthalate	UG/L	5	0 U	0 U	0 U	0 U	NA

*- 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 chemistry validation are shown.

Concentration Exceeds

NA - Not Analyzed

J - The reported concentration is an estimated value.

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

Detection Limits shown are MDL

Advanced Selection: Bedrock wells
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([LOCID] LIKE 'MW-*B*' OR [LOCID] = 'MW-07DD') AND [MATRIX] = 'WG'

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

Location ID			MW-07DD	MW-08B	MW-08BD	MW-09B	MW-09B
Sample ID			MW-7DD 10/16/02	MW-8BS	BSGDD0208	BSGDD0209	BSGDD0109
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/16/02	12/28/01	02/27/02	01/30/02	09/16/04
Parameter	**Units**	*					
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	0 U	0 U	0 U	0 U	NA
Chrysene	ug/l	0.002 GV	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	ug/l	NS	0 U	0 U	0 U	0 U	0 U
Dibenzofuran	UG/L	NS	0 U	NA	NA	NA	NA
Diethylphthalate	UG/L	50 GV	0 U	0 U	0 U	0 U	NA
Dimethylphthalate	UG/L	50 GV	0 U	0 U	0 U	0 U	NA
Di-n-butylphthalate	UG/L	50 GV	0 U	0 U	0 U	0 U	NA
Hexachlorobutadiene	UG/L	0.5	0 U	0 U	0 U	0 U	NA
Di-n-octylphthalate	UG/L	50	0 U	0 U	0 U	0 U	NA
Fluoranthene	ug/l	50 GV	0 U	0 U	0 U	0 U	0 U
Fluorene	ug/l	50 GV	0 U	0 U	0 U	0 U	0 U
Hexachlorocyclopentadiene	UG/L	5	0 U	0 U	0 U	0 U	NA
Indeno(1,2,3-cd)pyrene	ug/l	0.002 GV	0 U	0 U	0 U	0 U	0 U
Isophorone	UG/L	50 GV	0 U	0 U	0 U	0 U	NA
Naphthalene	ug/l	10 GV	0 U	0 U	0 U	4.5 J	0 U
N-Nitrosodimethylamine	UG/L	NS	0 U	0 U	0 U	0 U	NA
N-Nitrosodiphenylamine	UG/L	50 GV	0 U	0 U	0 U	0 U	NA
Phenanthrene	ug/l	50 GV	0 U	0 U	0 U	0 U	0 U
Phenol	UG/L	1	140	0 U	0 U	42	NA
Pyrene	ug/l	50 GV	0 U	0 U	0 U	0 U	0 U
Total Semivolatile Organic Compounds	UG/L	-	140	ND	ND	46.5	1.87

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

Location ID			MW-07DD	MW-08B	MW-08BD	MW-09B	MW-09B
Sample ID			MW-7DD 10/16/02	MW-8BS	BSGDD0208	BSGDD0209	BSGDD0109
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/16/02	12/28/01	02/27/02	01/30/02	09/16/04
Parameter	**Units**	*					
Metals							
Aluminum	UG/L	NS	1,500	700	NA	2,000	NA
Antimony	UG/L	3	0 U	0 U	NA	0 U	NA
Arsenic	UG/L	25	0 U	0 U	NA	0 U	NA
Barium	UG/L	1000	0 U	90	NA	20	NA
Cadmium	UG/L	5	0 U	0 U	NA	0 U	NA
Chromium	UG/L	50	46	0 U	NA	11	NA
Copper	UG/L	200	14	0 U	NA	29	NA
Iron	UG/L	300	250	490	NA	3,340	NA
Lead	UG/L	25	0 U	0 U	NA	0 U	NA
Manganese	UG/L	300	0 U	0 U	NA	80	NA
Mercury	UG/L	0.7	0 U	0 U	NA	0 U	NA
Nickel	UG/L	100	0 U	0 U	NA	0 U	NA
Selenium	UG/L	10	0 U	0 U	NA	0 U	NA
Silver	UG/L	50	0 U	0 U	NA	0 U	NA
Vanadium	UG/L	NS	0 U	0 U	NA	0 U	NA
Zinc	UG/L	2000 GV	0 U	0 U	NA	80	NA
Miscellaneous Parameters							
Cyanide	ug/l	200	20	0 U	NA	130	0 U
Free Cyanide	UG/L	NS	NA	0 U	NA	130	NA
Phenolics, Total Recoverable	ug/l	1	NA	0 U	7	123	3.72 J

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

Location ID			MW-09B	MW-09B	MW-09B	MW-10B	MW-10B
Sample ID			BSGDD0109_9/21/05	MW-9B(09/12/2006)	MW-09B 10/17/07	DUP-10/04/02	MW-10B 10/04/02
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/21/05	09/12/06	10/17/07	10/04/02	10/04/02
Parameter	**Units**	*				Field Duplicate (1-1)	
Volatile Organic Compounds							
Benzene	ug/l	1	0 U	0.5 U	0.5 U	6	0 U
Ethylbenzene	ug/l	5	0 U	0.8 U	0.8 U	0 U	0 U
Toluene	ug/l	5	0 U	0.7 U	0.7 U	0 U	0 U
Xylene (total)	ug/l	5	0 U	0.8 U	0.8 U	0 U	0 U
Total Benzene, Toluene, Ethylbenzene, & Xylenes	ug/l	-	ND	ND	ND	6	ND
Semivolatile Organic Compounds							
2,4,6-Trichlorophenol	UG/L	1	NA	NA	NA	0 U	0 U
2,4-Dinitrotoluene	UG/L	5	NA	NA	NA	0 U	0 U
1,2-Diphenylhydrazine	UG/L	ND	NA	NA	NA	0 U	0 U
Hexachlorobenzene	UG/L	0.04	NA	NA	NA	0 U	0 U
Hexachloroethane	UG/L	5	NA	NA	NA	0 U	0 U
Nitrobenzene	UG/L	0.4	NA	NA	NA	0 U	0 U
1,2,4-Trichlorobenzene	UG/L	5	NA	NA	NA	0 U	0 U
2,4-Dichlorophenol	UG/L	5	NA	NA	NA	0 U	0 U
Pentachlorophenol	UG/L	1	NA	NA	NA	0 U	0 U
2,4-Dimethylphenol	UG/L	50 GV	NA	NA	NA	0 U	0 U
2,4-Dinitrophenol	UG/L	10 GV	NA	NA	NA	0 U	0 U
1,2-Dichlorobenzene	UG/L	3	NA	NA	NA	0 U	0 U
2,6-Dinitrotoluene	UG/L	5	NA	NA	NA	0 U	0 U
2-Chloronaphthalene	UG/L	10	NA	NA	NA	0 U	0 U
2-Chlorophenol	UG/L	1	NA	NA	NA	0 U	0 U
2-Methylnaphthalene	UG/L	5	NA	NA	NA	0 U	0 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.

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Detection Limits shown are MDL

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-09B	MW-09B	MW-09B	MW-10B	MW-10B
Sample ID			BSGDD0109_9/21/05	MW-9B(09/12/2006)	MW-09B 10/17/07	DUP-10/04/02	MW-10B 10/04/02
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/21/05	09/12/06	10/17/07	10/04/02	10/04/02
Parameter	Units	*				Field Duplicate (1-1)	
Semivolatile Organic Compounds							
2-Nitrophenol	UG/L	1	NA	NA	NA	0 U	0 U
3,3'-Dichlorobenzidine	UG/L	5	NA	NA	NA	0 U	0 U
1,3-Dichlorobenzene	UG/L	3	NA	NA	NA	0 U	0 U
4,6-Dinitro-2-methylphenol	UG/L	1	NA	NA	NA	0 U	0 U
4-Bromophenyl-phenylether	UG/L	50	NA	NA	NA	0 U	0 U
1,4-Dichlorobenzene	UG/L	3	NA	NA	NA	0 U	0 U
4-Chlorophenyl-phenylether	UG/L	50	NA	NA	NA	0 U	0 U
4-Chloro-3-methylphenol	UG/L	1	NA	NA	NA	0 U	0 U
4-Nitrophenol	UG/L	1	NA	NA	NA	0 U	0 U
Acenaphthene	ug/l	20 GV	NA	1 J	1 U	0 U	0 U
Acenaphthylene	ug/l	NS	NA	1 U	2 J	0 U	0 U
Anthracene	ug/l	50 GV	NA	1 U	1 U	0 U	0 U
Benzidine	UG/L	5	NA	NA	NA	0 U	0 U
Benzo(a)anthracene	ug/l	0.002 GV	NA	1 U	1 U	0 U	0 U
Benzo(a)pyrene	ug/l	ND	NA	1 U	1 U	0 U	0 U
Benzo(b)fluoranthene	ug/l	0.002 GV	NA	1 U	1 U	0 U	0 U
Benzo(g,h,i)perylene	ug/l	NS	NA	1 U	1 U	0 U	0 U
Benzo(k)fluoranthene	ug/l	0.002 GV	NA	1 U	1 U	0 U	0 U
bis(2-Chloroisopropyl)ether	UG/L	5	NA	NA	NA	0 U	0 U
bis(2-Chloroethoxy)methane	UG/L	5	NA	NA	NA	0 U	0 U
bis(2-Chloroethyl)ether	UG/L	1	NA	NA	NA	0 U	0 U
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	NA	NA	0 U	0 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.

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

Location ID			MW-09B	MW-09B	MW-09B	MW-10B	MW-10B
Sample ID			BSGDD0109_9/21/05	MW-9B(09/12/2006)	MW-09B 10/17/07	DUP-10/04/02	MW-10B 10/04/02
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/21/05	09/12/06	10/17/07	10/04/02	10/04/02
Parameter	**Units**	*				Field Duplicate (1-1)	
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	NA	NA	NA	0 U	0 U
Chrysene	ug/l	0.002 GV	NA	1 U	1 U	NA	NA
Dibenz(a,h)anthracene	ug/l	NS	NA	1 U	1 U	0 U	0 U
Dibenzofuran	UG/L	NS	NA	NA	NA	0 U	10
Diethylphthalate	UG/L	50 GV	NA	NA	NA	0 U	0 U
Dimethylphthalate	UG/L	50 GV	NA	NA	NA	0 U	0 U
Di-n-butylphthalate	UG/L	50 GV	NA	NA	NA	0 U	0 U
Hexachlorobutadiene	UG/L	0.5	NA	NA	NA	0 U	0 U
Di-n-octylphthalate	UG/L	50	NA	NA	NA	0 U	0 U
Fluoranthene	ug/l	50 GV	NA	1 U	1 U	0 U	0 U
Fluorene	ug/l	50 GV	NA	1 U	1 U	0 U	0 U
Hexachlorocyclopentadiene	UG/L	5	NA	NA	NA	0 U	0 U
Indeno(1,2,3-cd)pyrene	ug/l	0.002 GV	NA	1 U	1 U	0 U	0 U
Isophorone	UG/L	50 GV	NA	NA	NA	0 U	0 U
Naphthalene	ug/l	10 GV	NA	1 U	1 J	0 U	0 U
N-Nitrosodimethylamine	UG/L	NS	NA	NA	NA	0 U	0 U
N-Nitrosodiphenylamine	UG/L	50 GV	NA	NA	NA	0 U	0 U
Phenanthrene	ug/l	50 GV	NA	2 J	2 J	0 U	0 U
Phenol	UG/L	1	NA	NA	NA	0 U	0 U
Pyrene	ug/l	50 GV	NA	1 U	1 U	0 U	0 U
Total Semivolatile Organic Compounds	UG/L	-	NA	3	5	ND	10

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

Location ID			MW-09B	MW-09B	MW-09B	MW-10B	MW-10B
Sample ID			BSGDD0109_9/21/05	MW-9B(09/12/2006)	MW-09B 10/17/07	DUP-10/04/02	MW-10B 10/04/02
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/21/05	09/12/06	10/17/07	10/04/02	10/04/02
Parameter	**Units**	*				Field Duplicate (1-1)	
Metals							
Aluminum	UG/L	NS	NA	NA	NA	2,400	900
Antimony	UG/L	3	NA	NA	NA	0 U	0 U
Arsenic	UG/L	25	NA	NA	NA	0 U	0 U
Barium	UG/L	1000	NA	NA	NA	380	350
Cadmium	UG/L	5	NA	NA	NA	0 U	0 U
Chromium	UG/L	50	NA	NA	NA	0 U	0 U
Copper	UG/L	200	NA	NA	NA	0 U	0 U
Iron	UG/L	300	NA	NA	NA	9,420	2,840
Lead	UG/L	25	NA	NA	NA	0 U	0 U
Manganese	UG/L	300	NA	NA	NA	330	100
Mercury	UG/L	0.7	NA	NA	NA	0 U	0 U
Nickel	UG/L	100	NA	NA	NA	0 U	0 U
Selenium	UG/L	10	NA	NA	NA	0 U	0 U
Silver	UG/L	50	NA	NA	NA	0 U	0 U
Vanadium	UG/L	NS	NA	NA	NA	0 U	0 U
Zinc	UG/L	2000 GV	NA	NA	NA	0 U	0 U
Miscellaneous Parameters							
Cyanide	ug/l	200	NA	NA	NA	0 U	0 U
Free Cyanide	UG/L	NS	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	ug/l	1	NA	NA	NA	NA	NA

*- 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 chemistry validation are shown.

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

Location ID			MW-10B	MW-10B	MW-10B	MW-10B	MW-10B
Sample ID			BSGDD0210	BSGDD0210_9/21/05	MW-10B(09/12/2006)	MW-10B 10/17/07	URS 101707
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/16/04	09/21/05	09/12/06	10/17/07	10/17/07
Parameter	**Units**	*					Field Duplicate (1-1)
Volatile Organic Compounds							
Benzene	ug/l	1	1.68	2 J	1 J	0.5 U	0.5 U
Ethylbenzene	ug/l	5	0.292 J	0 U	0.8 U	0.8 U	0.8 U
Toluene	ug/l	5	0.475 J	0 U	0.7 U	0.7 U	0.7 U
Xylene (total)	ug/l	5	0 U	0 U	0.8 U	0.8 U	0.8 U
Total Benzene, Toluene, Ethylbenzene, & Xylenes	ug/l	-	2.447	2	1	ND	ND
Semivolatile Organic Compounds							
2,4,6-Trichlorophenol	UG/L	1	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	UG/L	5	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	UG/L	ND	NA	NA	NA	NA	NA
Hexachlorobenzene	UG/L	0.04	NA	NA	NA	NA	NA
Hexachloroethane	UG/L	5	NA	NA	NA	NA	NA
Nitrobenzene	UG/L	0.4	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	UG/L	5	NA	NA	NA	NA	NA
2,4-Dichlorophenol	UG/L	5	NA	NA	NA	NA	NA
Pentachlorophenol	UG/L	1	NA	NA	NA	NA	NA
2,4-Dimethylphenol	UG/L	50 GV	NA	NA	NA	NA	NA
2,4-Dinitrophenol	UG/L	10 GV	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	UG/L	5	NA	NA	NA	NA	NA
2-Chloronaphthalene	UG/L	10	NA	NA	NA	NA	NA
2-Chlorophenol	UG/L	1	NA	NA	NA	NA	NA
2-Methylnaphthalene	UG/L	5	0 U	NA	NA	NA	NA

*- 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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Detection Limits shown are MDL

Advanced Selection: Bedrock wells
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([LOCID] LIKE 'MW-*B*' OR [LOCID] = 'MW-07DD') AND [MATRIX] = 'WG'

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

Location ID			MW-10B	MW-10B	MW-10B	MW-10B	MW-10B
Sample ID			BSGDD0210	BSGDD0210_9/21/05	MW-10B(09/12/2006)	MW-10B 10/17/07	URS 101707
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/16/04	09/21/05	09/12/06	10/17/07	10/17/07
Parameter	Units	*					Field Duplicate (1-1)
Semivolatile Organic Compounds							
2-Nitrophenol	UG/L	1	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	UG/L	5	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	UG/L	1	NA	NA	NA	NA	NA
4-Bromophenyl-phenylether	UG/L	50	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	UG/L	3	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	UG/L	50	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol	UG/L	1	NA	NA	NA	NA	NA
4-Nitrophenol	UG/L	1	NA	NA	NA	NA	NA
Acenaphthene	ug/l	20 GV	0 U	0 U	0.9 U	1 U	1 U
Acenaphthylene	ug/l	NS	0 U	0 U	1 J	1 U	1 U
Anthracene	ug/l	50 GV	0 U	0 U	0.9 U	1 U	1 U
Benzidine	UG/L	5	NA	NA	NA	NA	NA
Benzo(a)anthracene	ug/l	0.002 GV	0 U	0 U	0.9 U	1 U	1 U
Benzo(a)pyrene	ug/l	ND	0 U	0 U	0.9 U	1 U	1 U
Benzo(b)fluoranthene	ug/l	0.002 GV	0 U	0 U	0.9 U	1 U	1 U
Benzo(g,h,i)perylene	ug/l	NS	0 U	0 U	0.9 U	1 U	1 U
Benzo(k)fluoranthene	ug/l	0.002 GV	0 U	0 U	0.9 U	1 U	1 U
bis(2-Chloroisopropyl)ether	UG/L	5	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	UG/L	5	0 U	0 U	NA	NA	NA
bis(2-Chloroethyl)ether	UG/L	1	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	UG/L	5	NA	NA	NA	NA	NA

*- 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 chemistry validation are shown.

Concentration Exceeds

NA - Not Analyzed

J - The reported concentration is an estimated value.

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

Detection Limits shown are MDL

Advanced Selection: Bedrock wells
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Printed: 11/13/2007 2:29:14 PM
([LOCID] LIKE 'MW-*B*' OR [LOCID] = 'MW-07DD') AND [MATRIX] = 'WG'

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

Location ID			MW-10B	MW-10B	MW-10B	MW-10B	MW-10B
Sample ID			BSGDD0210	BSGDD0210_9/21/05	MW-10B(09/12/2006)	MW-10B 10/17/07	URS 101707
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/16/04	09/21/05	09/12/06	10/17/07	10/17/07
Parameter	**Units**	*					Field Duplicate (1-1)
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Chrysene	ug/l	0.002 GV	NA	NA	0.9 U	1 U	1 U
Dibenz(a,h)anthracene	ug/l	NS	0 U	0 U	0.9 U	1 U	1 U
Dibenzofuran	UG/L	NS	NA	NA	NA	NA	NA
Diethylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Dimethylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Di-n-butylphthalate	UG/L	50 GV	NA	NA	NA	NA	NA
Hexachlorobutadiene	UG/L	0.5	NA	NA	NA	NA	NA
Di-n-octylphthalate	UG/L	50	NA	NA	NA	NA	NA
Fluoranthene	ug/l	50 GV	0 U	0 U	0.9 U	1 U	1 U
Fluorene	ug/l	50 GV	0 U	0 U	0.9 U	1 U	1 U
Hexachlorocyclopentadiene	UG/L	5	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	ug/l	0.002 GV	0 U	0 U	0.9 U	1 U	1 U
Isophorone	UG/L	50 GV	NA	NA	NA	NA	NA
Naphthalene	ug/l	10 GV	1.58 J	0 U	0.9 U	1 U	1 U
N-Nitrosodimethylamine	UG/L	NS	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	UG/L	50 GV	NA	NA	NA	NA	NA
Phenanthrene	ug/l	50 GV	0 U	0 U	0.9 U	1 U	1 U
Phenol	UG/L	1	NA	NA	NA	NA	NA
Pyrene	ug/l	50 GV	0 U	0 U	0.9 U	1 U	1 U
Total Semivolatile Organic Compounds	UG/L	-	1.58	ND	1	ND	ND

*- 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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([LOCID] LIKE 'MW-*B*' OR [LOCID] = 'MW-07DD') AND [MATRIX] = 'WG'

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

Location ID			MW-10B	MW-10B	MW-10B	MW-10B	MW-10B
Sample ID			BSGDD0210	BSGDD0210_9/21/05	MW-10B(09/12/2006)	MW-10B 10/17/07	URS 101707
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			09/16/04	09/21/05	09/12/06	10/17/07	10/17/07
Parameter	**Units**	*					Field Duplicate (1-1)
Metals							
Aluminum	UG/L	NS	NA	NA	NA	NA	NA
Antimony	UG/L	3	NA	NA	NA	NA	NA
Arsenic	UG/L	25	NA	NA	NA	NA	NA
Barium	UG/L	1000	NA	NA	NA	NA	NA
Cadmium	UG/L	5	NA	NA	NA	NA	NA
Chromium	UG/L	50	NA	NA	NA	NA	NA
Copper	UG/L	200	NA	NA	NA	NA	NA
Iron	UG/L	300	NA	NA	NA	NA	NA
Lead	UG/L	25	NA	NA	NA	NA	NA
Manganese	UG/L	300	NA	NA	NA	NA	NA
Mercury	UG/L	0.7	NA	NA	NA	NA	NA
Nickel	UG/L	100	NA	NA	NA	NA	NA
Selenium	UG/L	10	NA	NA	NA	NA	NA
Silver	UG/L	50	NA	NA	NA	NA	NA
Vanadium	UG/L	NS	NA	NA	NA	NA	NA
Zinc	UG/L	2000 GV	NA	NA	NA	NA	NA
Miscellaneous Parameters							
Cyanide	ug/l	200	0 U	0 U	5 U	5 U	5 U
Free Cyanide	UG/L	NS	NA	NA	NA	NA	NA
Phenolics, Total Recoverable	ug/l	1	6.92	15 J	17 J	15 U	15 U

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

Location ID			MW-11B	MW-11B	MW-11B	MW-11B	MW-11B
Sample ID			BSGDD0211	BSGDD0111	BSGDD0111_9/21/05	MW-11B(09/12/2006)	MW-11B 10/17/07
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/28/02	09/16/04	09/21/05	09/12/06	10/17/07
Parameter	**Units**	*					
Volatile Organic Compounds							
Benzene	ug/l	1	0 U	2.82	10	6	4 J
Ethylbenzene	ug/l	5	0 U	1.93	5 J	5 J	3 J
Toluene	ug/l	5	0 U	5.32	14	14	7
Xylene (total)	ug/l	5	0 U	5.58	12	15	10
Total Benzene, Toluene, Ethylbenzene, & Xylenes	ug/l	-	ND	15.65	41	40	24
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	0 U	0 U	NA	NA	NA

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

Location ID			MW-11B	MW-11B	MW-11B	MW-11B	MW-11B
Sample ID			BSGDD0211	BSGDD0111	BSGDD0111_9/21/05	MW-11B(09/12/2006)	MW-11B 10/17/07
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/28/02	09/16/04	09/21/05	09/12/06	10/17/07
Parameter	**Units**	*					
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	0 U	0 U	2 J	5	5 J
Acenaphthylene	ug/l	NS	0 U	1.17 J	6	9	9
Anthracene	ug/l	50 GV	0 U	0 U	0 U	1 U	1 U
Benzidine	UG/L	5	0 U	NA	NA	NA	NA
Benzo(a)anthracene	ug/l	0.002 GV	0 U	0 U	0 U	1 U	1 U
Benzo(a)pyrene	ug/l	ND	0 U	0 U	0 U	1 U	1 U
Benzo(b)fluoranthene	ug/l	0.002 GV	0 U	0 U	0 U	1 U	1 U
Benzo(g,h,i)perylene	ug/l	NS	0 U	0 U	0 U	1 U	1 U
Benzo(k)fluoranthene	ug/l	0.002 GV	0 U	0 U	0 U	1 U	1 U
bis(2-Chloroisopropyl)ether	UG/L	5	0 U	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	UG/L	5	0 U	0 U	0 U	NA	NA
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

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

Location ID			MW-11B	MW-11B	MW-11B	MW-11B	MW-11B
Sample ID			BSGDD0211	BSGDD0111	BSGDD0111_9/21/05	MW-11B(09/12/2006)	MW-11B 10/17/07
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/28/02	09/16/04	09/21/05	09/12/06	10/17/07
Parameter	**Units**	*					
Semivolatile Organic Compounds							
Butylbenzylphthalate	UG/L	50 GV	0 U	NA	NA	NA	NA
Chrysene	ug/l	0.002 GV	NA	NA	NA	1 U	1 U
Dibenz(a,h)anthracene	ug/l	NS	0 U	0 U	0 U	1 U	1 U
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	0 U	0 U	1 U	1 U
Fluorene	ug/l	50 GV	0 U	0 U	0 U	2 J	2 J
Hexachlorocyclopentadiene	UG/L	5	0 U	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	ug/l	0.002 GV	0 U	0 U	0 U	1 U	1 U
Isophorone	UG/L	50 GV	0 U	NA	NA	NA	NA
Naphthalene	ug/l	10 GV	0 U	2.42 J	24	42	36
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	0 U	0 U	1 J	2 J	5 J
Phenol	UG/L	1	73	NA	NA	NA	NA
Pyrene	ug/l	50 GV	0 U	0 U	0 U	1 U	1 U
Total Semivolatile Organic Compounds	UG/L	-	73	3.59	33	60	57

*- 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-11B	MW-11B	MW-11B	MW-11B	MW-11B
Sample ID			BSGDD0211	BSGDD0111	BSGDD0111_9/21/05	MW-11B(09/12/2006)	MW-11B 10/17/07
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			01/28/02	09/16/04	09/21/05	09/12/06	10/17/07
Parameter	**Units**	*					
Metals							
Aluminum	UG/L	NS	1,500	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	10	NA	NA	NA	NA
Cadmium	UG/L	5	0 U	NA	NA	NA	NA
Chromium	UG/L	50	0 U	NA	NA	NA	NA
Copper	UG/L	200	18	NA	NA	NA	NA
Iron	UG/L	300	140	NA	NA	NA	NA
Lead	UG/L	25	0 U	NA	NA	NA	NA
Manganese	UG/L	300	0 U	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	0 U	NA	NA	NA	NA
Miscellaneous Parameters							
Cyanide	ug/l	200	0 U	3.75 J	0 U	14	11
Free Cyanide	UG/L	NS	0 U	NA	NA	NA	NA
Phenolics, Total Recoverable	ug/l	1	247	18.7	250	140	160

*- 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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Printed: 11/13/2007 2:29:16 PM
([LOCID] LIKE 'MW-*B*' OR [LOCID] = 'MW-07DD') AND [MATRIX] = 'WG'