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Transmitted Via E-Mail & U.S. Mail

June 20, 2006

Mr. Glenn M. May, CPG
Engineering Geologist I
New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 9
270 Michigan Avenue
Buffalo, New York 14203-2999

Re: National Grid
Harper Substation
Niagara Falls, New York
NYSDEC Spill No. 9713970
April 2005 Groundwater Investigation

Dear Mr. May:

This letter summarizes the results of the additional groundwater investigation activities performed in April 2005 at the National Grid Harper Substation located in Niagara Falls, New York. The additional groundwater investigation activities were performed by Blasland, Bouck & Lee, Inc., an ARCADIS Company (BBL), in accordance with the work plan presented in a December 16, 2004 letter from National Grid to the New York State Department of Environmental Conservation (NYSDEC). Approval to implement the activities was provided in a January 6, 2005 letter from the NYSDEC.

The additional groundwater investigation activities were performed, in part, to evaluate changes in groundwater volatile organic compound (VOC) concentrations at the substation following completion of the September 2000 Preliminary Site Assessment (PSA) groundwater sampling event and following the startup of the nearby Occidental Chemical Corporation (OCC) groundwater remediation system. The investigation activities were also performed to further evaluate the presence and composition of light non-aqueous phase liquid (LNAPL) in monitoring well MW-3, located in the western portion of the substation.

The location of the Harper Substation is shown on Figure 1. The site layout and locations of groundwater monitoring wells at and adjacent to the substation are shown on Figure 2. Relevant background information related to the additional groundwater investigation activities is presented below, followed by a summary of the investigation work activities and the investigation results.

Background Information

Detailed background information relating to the Harper Substation and surrounding area is provided in the *Preliminary Site Assessment Groundwater Investigation Report* (BBL, April 2004) [the "PSA Groundwater Investigation Report"]. The NYSDEC provided comments on the report in a letter to National Grid dated August 20, 2004.

As indicated in the NYSDEC's August 20, 2004 comment letter and as summarized in the PSA Groundwater Investigation Report, elevated concentrations of VOCs (mainly chlorinated ethenes and dichlorobenzenes) were previously identified in groundwater at and in the vicinity of the substation. The highest concentrations of these compounds were identified in monitoring wells located hydraulically upgradient of potential source areas at the substation. The NYSDEC indicated in their August 20, 2004 comment letter that the OCC Buffalo Avenue Plant (south of the substation) was the likely source of the VOCs. The NYSDEC also reported that concentrations of VOCs in groundwater in the vicinity of the substation decreased substantially the past few years, presumably in response to operation of a groundwater remediation system at the OCC Buffalo Avenue Plant.

The PSA groundwater investigations identified the presence of LNAPL in monitoring well MW-3 (shown on Figure 2). LNAPL was also identified on New York Power Authority's (NYPA's) property north of the substation property, but it was unclear whether the two NAPLs were related. The NYSDEC suspected that the LNAPL may have originated from a larger source to the north that forced a downdip toward monitoring well MW-3.

Groundwater Investigation Activities

The additional groundwater investigation activities were performed during the week of April 11, 2005 and consisted of obtaining static groundwater measurements and collecting groundwater samples for laboratory analysis. The groundwater investigation activities are described below.

Static Groundwater Level Measurements

Prior to groundwater sampling, BBL measured static groundwater levels from the nine monitoring wells installed at the substation as part of the PSA (monitoring wells MW-1 through MW-8 and MW-3S). Static groundwater levels were also measured from ten OCC monitoring wells associated with four well clusters installed at and adjacent to the substation property as part of an offsite investigation of the nearby OCC facility (well clusters OW-651, OW-652, OW-654, and OW-657).

Groundwater level measurements were obtained using an electronic oil-water interface probe and recorded to the nearest 0.01 foot referenced to a surveyed mark on the top of each well casing. It was anticipated that the groundwater level measurements would be obtained within a period of approximately two hours so that water level changes caused by fluctuating water levels in the NYPA Niagara Power Project forebay canal would essentially be negligible.

With one exception, water level measurements were obtained from each monitoring well within a two-hour timeframe on April 11, 2005. A water level measurement was not obtained from monitoring well MW-8 until the next day (April 12, 2005) when the well was located by the field personnel. Immediately after obtaining a water level measurement from monitoring well MW-8, field personnel obtained an additional measurement from monitoring well MW-5 to provide data for correlation purposes (i.e., to determine the approximate water level in monitoring well MW-8 at the time of the April 11, 2005 measurements, as explained below).

Based on the continuous water level measurements obtained for the PSA, the timing and magnitude of water level fluctuations in monitoring wells MW-5 and MW-8 are known to be approximately the same. Therefore, the approximate water level in monitoring well MW-8 at the time of the April 11, 2005 measurements could be determined. The water level in monitoring well MW-8 was 0.24 feet lower on April 11th than April 12th, which means that the water level in monitoring well MW-5 would have been approximately 0.24 feet lower on the 11th than the 12th. Therefore, the depth-to-water at monitoring well MW-5 for April 11th was calculated as: 0.24 feet plus the depth measured on the 12th (15.69 feet), which equals 15.93 feet.

The groundwater level measurements were converted to elevations by subtracting the depth to groundwater from the surveyed well casing elevation. The water level measurements and elevations are summarized in Table 2. A groundwater potentiometric surface map based on the April 2005 water level measurements is included as Figure 3. Based on the groundwater elevations, groundwater appears to flow generally toward the northeast, which is consistent with the flow pattern noted during previous groundwater monitoring activities.

Approximately 0.01 feet of floating product (LNAPL) was identified in monitoring well MW-3. Field personnel removed the LNAPL to the extent possible using a disposable polyethylene bailer. The combined volume of water and LNAPL removed from the well was approximately 1 liter. The LNAPL/water solution was containerized in a jar for proper offsite disposal by National Grid.

Groundwater Sampling Activities

After obtaining static groundwater measurements, BBL personnel used low-flow sampling techniques (a peristaltic pump with disposable dedicated tubing) to purge each onsite monitoring well installed as part of the PSA (with the exception of monitoring well MW-3). Monitoring well MW-3 was not sampled due to the thin layer of LNAPL identified on the water surface (as described above). A minimum of three well volumes was purged from each well prior to sampling. Water quality field parameters consisting of pH, conductivity, turbidity, dissolved oxygen, temperature, and oxidation-reduction potential (ORP) were monitored approximately every five minutes during well purging. Field parameter measurements obtained during well purging activities are documented on the groundwater sampling logs included as Attachment 1. Final field parameter measurements (obtained at the time of sampling) are summarized in the table below.

Monitoring Well ID	pH (S.U.)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	ORP (mV)
MW-1	7.40	0.67	34.5	4.05	11.4	163
MW-2	7.19	0.82	839	1.79	10.4	241
MW-3S	7.59	0.57	23.1	5.53	10.4	33
MW-4	7.20	0.64	51.0	5.41	8.8	205
MW-5	7.72	0.52	7.5	6.50	10.9	163
MW-6	7.28	0.60	29.1	2.76	10.5	181
MW-7	7.60	1.21	60.4	1.43	11.2	-1
MW-8	7.28	0.65	11.1	4.30	10.4	143
Notes: 1. S.U. = Standard Units 2. mS/cm = millisiemens per centimeter 3. NTU = Nephelometric turbidity units 4. mg/L = milligrams per Liter 5. °C = Celsius 6. ORP= Oxidation-Reduction Potential 7. mV= millivolts						

After field parameters stabilized during purging (i.e., three consecutive readings within approximately 10% of each other), groundwater samples were collected from monitoring wells MW-1, MW-2, MW-3S, and MW-4 through MW-8. BBL used dedicated bailers to collect groundwater samples from the wells for laboratory analysis for VOCs. Bailers were used in place of low-flow sampling techniques to minimize the potential loss of VOCs through peristaltic pumping agitation. Groundwater samples for laboratory analysis for polychlorinated biphenyls (PCBs) were collected using low-flow sampling techniques. The groundwater samples from each well were submitted to Severn Trent Laboratories, Inc. (STL) located in Amherst, New York and were analyzed for VOCs and PCBs using the United States Environmental Protection Agency (USEPA) SW-846 Methods 8260 and 8082, respectively.

Quality assurance/quality control (QA/QC) groundwater samples (including blind duplicate, matrix spike, matrix spike duplicate, and trip blank samples) were collected for analysis in accordance with the project Quality Assurance Project Plan (BBL, November 1998). A blind duplicate sample (sample FD041205) was collected from monitoring well MW-4.

The purge water generated from the groundwater sampling was containerized in a 55-gallon drum. The drum containing the purge water was labeled and left for proper offsite disposal by National Grid.

Pursuant to a telephone conversation between BBL and the NYSDEC at the time of sampling, an LNAPL sample was not collected from monitoring well MW-3 because the actual volume of LNAPL removed from the well was less than the volume needed for laboratory analysis.

Groundwater Investigation Results

Laboratory analytical results (Form 1 results) for the groundwater samples collected during the April 2005 groundwater sampling event are presented in Attachment 2. The analytical results for the April 2005 sampling event and the previous PSA groundwater sampling events (which included sampling of monitoring wells MW-1, MW-2, MW-4, and MW-5 in August 1999 and April 2000, and sampling of all wells in September 2000) are presented in Table 2. The April 2005 and historic groundwater analytical results for PCBs and VOCs are shown on Figures 4 and 5, respectively. Analytical results have been compared to the ambient water quality standards and guidance values presented in the NYSDEC Division of Water, Technical and Operation Guidance Series (TOGS) document titled, "Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations (TOGS 1.1.1)," dated June 1998, as revised by addenda dated April 2000 and June 2004.

April 2005 Results

The laboratory analytical results for the groundwater samples collected from monitoring wells MW-1, MW-2, MW-3S, and MW-4 through MW-8 during the April 2005 groundwater investigation are summarized below.

- One or more individual VOC constituents were detected in the groundwater samples collected from five of the eight groundwater monitoring wells (including monitoring wells MW-1, MW-2, MW-5, MW-6, and MW-7) at a concentration greater than the ambient water quality standards and guidance values presented in TOGS 1.1.1. Individual VOCs detected in the groundwater samples at concentrations exceeding the standards/guidance values include benzene, various chlorinated benzenes (chloro-benzene, 1,3-dichlorobenzene, and 1,4-dichlorobenzene), and other chlorinated VOCs (1,1,2,2-tetrachloroethane, cis-1,2-dichloroethene, trichloroethene, and vinyl chloride).

- PCBs were detected in the groundwater sample collected from monitoring well MW-1 at a concentration of 0.46 parts per billion (ppb) and in the duplicate groundwater sample collected from monitoring well MW-4 at an estimated concentration of 0.024 ppb. The PCB concentration detected in the sample from monitoring well MW-1 exceeds the 0.09 ppb PCB ambient water quality standard presented in TOGS 1.1.1. Based on measurements obtained by field personnel at the time of sampling, the turbidity of the sample from monitoring well MW-1 was 34.5 nephelometric turbidity units (NTUs). PCBs were not detected at concentrations above laboratory detection limits in any of the other April 2005 groundwater samples (aside from monitoring wells MW-1 and MW-4).

Comparison of April 2005 Results to Historical Data

Based on a review of the April 2005 and historic groundwater analytical data, significant improvements in groundwater quality at the substation have occurred. Observations made based on review of the April 2005 and historic groundwater analytical data are summarized below.

- The groundwater VOC concentrations identified at each monitoring well (except for monitoring well MW-1, as discussed below) decreased from September 2000 to April 2005. The decreases were up to an order of magnitude in most cases. No VOCs were detected in one well (monitoring well MW-4) that had exhibited detectable VOCs during each previous (PSA) sampling event (including two chlorinated solvents at concentrations exceeding groundwater quality standards in the August 1999 and September 2000 PSA sampling events). The groundwater VOC concentrations at monitoring well MW-1 appear to have remained approximately the same or increased slightly from September 2000 to April 2005. The VOCs identified in monitoring well MW-1 are suspected to be a remnant in groundwater flowing beneath the substation that originated from a non-site-related upgradient source.
- The actual number of individual VOC constituents identified at concentrations exceeding groundwater quality standards in four monitoring wells (monitoring wells MW-2, MW-4, MW-5, and MW-6) was lower in April 2005 than in the previous PSA groundwater sampling events. During both the September 2000 and April 2005 groundwater sampling events, no VOCs were identified at concentrations exceeding the groundwater quality standards in monitoring wells MW-3S and MW-8. The number of VOC constituents identified at monitoring well MW-7 remained the same from September 2000 to April 2005, and the number of VOC constituents identified at monitoring well MW-1 from September 2000 to April 2005 increased by one (1,1,2,2-tetrachloroethene was not previously identified above the laboratory detection limit of 2 ppb, but was identified in the April 2005 sampling event at a concentration of 1.2 ppb).
- With one exception (as indicated above), PCBs were not detected in any of the September 2000 or April 2005 groundwater samples at concentrations exceeding the 0.09 ppb TOGS 1.1.1 groundwater standard. The PCB concentration identified in the groundwater at monitoring well MW-1 increased from 0.19 ppb in September 2000 to 0.46 ppb in April 2005. PCBs were identified at concentrations exceeding the 0.09 ppb groundwater quality standard in the groundwater samples collected from monitoring wells MW-4 and MW-5 in April 2000, but not in the samples collected from the same wells during either of the subsequent sampling events (September 2000 or April 2005). Based on the limited solubility of PCBs in water, the concentrations identified in monitoring well MW-1 during April 2005 are likely associated with the presence of suspended particulates in the samples.
- Approximately 0.16 to 0.78 feet of LNAPL were detected in monitoring well MW-3 between the August 1999 and August 2000 groundwater sampling events. Comparatively, only a thin (0.01 foot) film was encountered during the April 2005 sampling event.

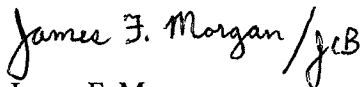
Conclusions and Recommendations

The groundwater quality and flow conditions at and in the immediate vicinity of the National Grid Harper Substation property have been extensively characterized by the PSA and the additional groundwater investigation activities. As part of these activities, four rounds of groundwater level monitoring and four rounds of groundwater sampling were performed between 1999 and 2005. Groundwater flow beneath the substation property continues to be generally toward the northeast. Although PCBs and individual VOCs remain in groundwater beneath the substation property at concentrations that, in a few cases, exceed New York State TOGS 1.1.1 groundwater quality standards and/or guidance values, groundwater VOC and PCB concentrations have generally decreased between the time of the PSA investigations (1999-2000) and the April 2005 investigation. As the NYSDEC had suspected, the data supports that the OCC groundwater remediation system, which treats groundwater from the OCC site upgradient of the Harper Substation, is providing an effective and measurable improvement to groundwater quality entering and flowing beneath the Harper Substation property. It is suspected that concentrations may continue to decrease as cleaner water continues to flow beneath the substation.

As documented in the *Interim Remedial Measures Summary Report* (BBL, February 2003), National Grid has addressed known environmental concerns associated with soil and subsurface structures at the Harper Substation property that could potentially act as sources for on-going impacts to groundwater beneath the substation property. Based on the work performed as part of the interim remedial measure, the historical PSA results, and the April 2005 groundwater investigation results, National Grid does not propose to implement further investigations or remedial activities to address remaining issues associated with the groundwater beneath the substation property and, accordingly, requests that the NYSDEC Spill Number of 971370 be closed at this time.

Please do not hesitate to contact me at (315) 428-3101 or Mr. John C. Brussel, P.E. of BBL at (315) 671-9441 if you have questions or require additional information.

Sincerely,



James F. Morgan
Lead Senior Environmental Engineer

JCB/ams
Enclosures

cc: Mr. Daniel King, New York State Department of Environmental Conservation
Mr. Salvatore Calandra, New York State Department of Environmental Conservation
William J. Holzhauer, Esq., National Grid
Ms. Lisa Fredricks, National Grid
Mr. Michael C. Jones, Blasland, Bouck, and Lee, Inc.
Mr. John C. Brussel, P.E. Blasland, Bouck, and Lee, Inc.

Tables

**TABLE 1
MONITORING WELL CONSTRUCTION ELEVATIONS AND FLUID LEVELS**

**APRIL 2005 GROUNDWATER INVESTIGATION
NATIONAL GRID
HARPER SUBSTATION
NIAGARA FALLS, NEW YORK**

Monitoring Well	Ground Surface Elevation (feet)	Top of Inner Well Casing	Depths (in feet below ground surface)			Elevation of Screened/Open Core Interval (feet)	Fluid Levels															
							Depth from casing to: (feet)								Elevation of: (feet AMSL)							
			Well Depth	Bedrock Depth	Screened Interval		LNAPL				Water				LNAPL				Water			
							8/19/99	4/24/00	9/5/00	4/11/05	8/19/99	4/24/00	9/5/00	4/11/05	8/19/99	4/24/00	9/5/00	4/11/05	8/19/99	4/24/00	9/5/00	4/11/05
National Grid Monitoring Wells																						
MW-1	569.7	569.15	26.0	15.5	16.0 - 25.0	544.7 - 553.7	--	--	--	--	16.79	17.01	15.97	16.23	--	--	--	--	552.36	552.14	553.18	552.92
MW-2	571.0	570.75	22.0	22.0	12.0 - 21.0	550.0 - 559.0	--	--	--	--	13.92	14.33	13.52	15.54	--	--	--	--	556.83	556.42	557.23	555.21
MW-3	568.1	570.61	30.0	12.0	24.0 - 29.0	539.1 - 544.1	14.02	14.64	14.02	15.14	14.36	14.8	14.21	15.15	556.59	555.97	556.59	555.47	556.25	555.81	556.40	555.46
MW-3S	567.8	567.56	20.0	12.0	10.0 - 20.0	547.8 - 557.8	--	--	--	--	--	--	11.35	12.25	--	--	--	--	--	--	556.21	555.31
MW-4	569.4	568.92	16.0	16.0	6.0 - 15.0	554.4 - 563.4	--	--	--	--	11.50	13.65	11.34	13.39	--	--	--	--	557.42	555.27	557.58	555.53
MW-5	572.3	571.96	30.0	19.0	20.0 - 29.0	543.3 - 552.3	--	--	--	--	16.60	17.17	16.11	17.10	--	--	--	--	555.36	554.79	555.85	554.86
MW-6	570.5	570.10	23.0	18.0	13.0 - 23.0	547.5 - 557.5	--	--	--	--	--	--	14.92	15.53	--	--	--	--	--	--	555.18	554.57
MW-7	569.8	569.62	23.8	17.8	13.8 - 23.8	546.0 - 556.0	--	--	--	--	--	--	16.97	16.68	--	--	--	--	--	--	552.65	552.94
MW-8	570.2	570.02	23.0	14.8	13.0 - 23.0	547.2 - 557.2	--	--	--	--	--	--	15.04	15.93	--	--	--	--	--	--	554.98	554.09
Occidental Monitoring Wells																						
OW-651C	568.8	568.54	91.3*	15.0	61.0 - 91.3	477.5 - 507.8	--	--	Trace	--	--	--	11.11	11.39	--	--	--	--	--	--	557.43	557.15
OW-651D	568.8	568.46	61.0	14.7	15.5 - 61.0	507.8 - 553.3	--	--	--	--	--	--	10.37	NA	--	--	--	--	--	--	558.09	NA
OW-652B	570.7	570.34	111.1**	14.4	NA	NA	--	--	--	--	--	--	12.33	13.26	--	--	--	--	--	--	558.01	557.08
OW-652C	570.5	570.14	90.0**	14.4	NA	NA	--	--	Trace	--	--	--	12.58	12.61	--	--	--	--	--	--	557.56	557.53
OW-652D	570.2	569.92	17.1**	14.4	17.5 - 60.5	509.7 - 552.7	--	--	--	--	--	--	16.23	16.14	--	--	--	--	--	--	553.69	553.78
OW-654B	569.8	569.41	125.5	13.5	91.0 - 125.5	444.3 - 478.8	--	--	--	--	--	--	12.28	12.49	--	--	--	--	--	--	557.13	556.92
OW-654C	570.4	570.06	88.5	13.0	60.6 - 88.5	481.9 - 509.8	--	--	--	--	--	--	12.89	13.15	--	--	--	--	--	--	557.17	556.91
OW-654D	570.3	570.04	59.5	13.7	14.3 - 59.6	510.7 - 556.0	--	--	--	--	--	--	20.85	20.97	--	--	--	--	--	--	549.19	549.07
OW-657B	570.4	570.15	130.5	15.0	97.1 - 130.5	439.9 - 473.3	--	--	--	--	--	--	12.72	15.41	--	--	--	--	--	--	557.43	554.74
OW-657C	570.8	570.45	95.1	16.0	67.1 - 95.1	475.7 - 503.7	--	--	Trace	--	--	--	11.99	13.08	--	--	--	--	--	--	558.46	557.37
OW-657D	572.0	571.55	64.5	17.9	18.5 - 64.5	507.5 - 553.5	--	--	--	--	--	--	15.11	16.66	--	--	--	--	--	--	556.44	554.89

Notes:

- Monitoring well MW-3 was completed as a stick-up well, and the remaining monitoring wells were completed as flush-mount wells.
- Ground surface elevation and inner well casing elevations were surveyed by National Grid during September 1999 and September 2000.
- Monitoring well depths for the National Grid and Occidental monitoring wells are based on measurements at the time of the well completions and are consistent with depths measured by BBL during April 2000 and September 2000, except as indicated below:
* = The depth of this well was measured by BBL during September 2000 as 55.2 feet; and
** = The depths of these wells at completion were not available (the reported well depths were measured by BBL during September 2000).
- Monitoring wells MW-1 through MW-8 were constructed with PVC well screens (0.010-inch screen slot size).
- Monitoring wells OW-651 through OW-657 were constructed as open core hole wells.
- Trace amounts of LNAPL were reported at monitoring wells OW-651C, OW-652C, and OW-657C, based on the presence of a noticeable oil film on the oil/water interface probe used to obtain the water level measurements.
- AMSL = above mean sea level.
- The April 11, 2005 groundwater level measurement and groundwater elevation reported for monitoring well MW-8 are estimates. The April 11, 2005 depth-to-groundwater value was calculated by taking the difference between the depth-to-groundwater measured at monitoring well MW-5 on April 11, 2005 vs. April 12, 2005 (17.10 feet minus 16.86 feet, which equals 0.24 feet) and adding that number to the 15.69 foot depth measured at monitoring well MW-8 on April 12, 2005. The April 12, 2005 groundwater elevation for MW-8 was estimated by subtracting the estimated depth to groundwater from the surveyed well casing elevation.
- NA = Not Available.

TABLE 2
GROUNDWATER ANALYTICAL RESULTS FOR PCBs AND DETECTED VOCs (ppb)

APRIL 2005 GROUNDWATER INVESTIGATION
NATIONAL GRID
HARPER SUBSTATION
NIAGARA FALLS, NEW YORK

Compound	NYSDEC Groundwater Standard/Guidance Value	MW-1				MW-2				MW-3S		MW-4			
		Aug-99	Apr-00	Sep-00	Apr-05	Aug-99	Apr-00	Sep-00	Apr-05	Sep-00	Apr-05	Aug-99	Apr-00	Sep-00	Apr-05
PCBs															
Aroclor 1016	NA	<0.48	<0.050	<0.050	<0.050	<0.50	<0.050	<0.050	<0.048	<0.050	<0.048	<0.48	<0.060	<0.050	<0.047 [<0.048]
Aroclor 1221	NA	<0.48	<0.050	<0.050	<0.050	<0.50	<0.050	<0.050	<0.048	<0.050	<0.048	<0.48	<0.060	<0.050	<0.047 [<0.048]
Aroclor 1232	NA	<0.48	<0.050	<0.050	<0.050	<0.50	<0.050	<0.050	<0.048	<0.050	<0.048	<0.48	<0.060	<0.050	<0.047 [<0.048]
Aroclor 1242	NA	<0.48	<0.050	<0.050	<0.050	<0.50	<0.050	<0.050	<0.048	<0.050	<0.048	<0.48	<0.060	<0.050	<0.047 [<0.048]
Aroclor 1248	NA	<0.48	0.13	0.19	0.46	<0.50	<0.050	<0.050	<0.048	<0.050	<0.048	<0.48	0.22	<0.050	<0.047 [0.024 J]
Aroclor 1254	NA	<0.48	<0.050	<0.050	<0.050	<0.50	<0.050	<0.050	<0.048	<0.050	<0.048	<0.48	<0.060	<0.050	<0.047 [<0.048]
Aroclor 1260	NA	<0.48	<0.050	<0.050	<0.050	<0.50	<0.050	<0.050	<0.048	<0.050	<0.048	<0.48	<0.060	<0.050	<0.047 [<0.048]
Total PCBs	0.09	<0.48	0.13	0.19	0.46	<0.50	<0.050	<0.050	<0.048	<0.050	<0.048	<0.48	0.22	<0.050	<0.047 [0.024 J]
VOCs															
1,1,2,2-Tetrachloroethane	0.2	<2.0	<2.0	<2.0	1.2	<2.0	<4.0	<2.0	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<1.0 [<1.0]
1,1-Dichloroethene	5	<1.0	<1.0	<1.0	0.51 J	3.0	<2.0	2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]
1,2,4-Trichlorobenzene	5	<10	<10	<10	<1.0	3 J	<10	1 J	0.31 J	<10	<1.0	<10	<10	<10	<1.0 [<1.0]
1,2,4-Trimethylbenzene	5	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<1.0	NA	2.0	NA	<1.0	<1.0	<1.0	NA
1,2-Dichlorobenzene	3	<1.0	<1.0	<1.0	<1.0	30	<2.0	10	0.98 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]
1,3-Dichlorobenzene	3	<1.0	<1.0	<1.0	<1.0	28	<2.0	9.0	0.92 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]
1,4-Dichlorobenzene	3	<1.0	<1.0	<1.0	<1.0	35	<2.0	10	1.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]
2-Butanone	50*	<2.0	<2.0	<2.0	<5.0	<2.0	<4.0	<2.0	<5.0	<2.0	<5.0	<2.0	<2.0	11	<5.0 [<5.0]
Acetone	50*	<5.0	<5.0	<5.0	<5.0	10	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	6.0	<5.0 [<5.0]
Benzene	1	<1.0	<1.0	<1.0	<1.0	18	<2.0	11	1.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]
Carbon Disulfide	60	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	1.0 B	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]
Chlorobenzene	5	<1.0	<1.0	<1.0	<1.0	28	<2.0	8.0	0.84 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]
Chloroform	7	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]
cis-1,2-Dichloroethene	5	39	46	43	50 D	300 D	3.0	130	11	4.0	1.6	22	4.0	15	<1.0 [<1.0]
Cyclohexane	NA	NA	NA	NA	<1.0	NA	NA	NA	0.25 J	NA	<1.0	NA	NA	NA	<1.0 [<1.0]
Methylcyclohexane	NA	NA	NA	NA	<1.0	NA	NA	NA	0.39 J	NA	<1.0	NA	NA	NA	<1.0 [<1.0]
Methylene chloride	5	<2.0	<2.0	<2.0	<1.0	<2.0	<4.0	<2.0	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<1.0 [<1.0]
Tetrachloroethene	5	3.0	3	4	4.6	<1.0	<2.0	<1.0	<1.0	2.0	0.80 J	3.0	<1.0	2.0	<1.0 [<1.0]
Toluene	5	<1.0	<1.0	<1.0	<1.0	2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]
Total Xylenes	5	<2.0	<2.0	<2.0	<3.0	1.0 J	<4.0	<2.0	<3.0	<2.0	<3.0	<2.0	<2.0	<2.0	<3.0 [<3.0]
trans-1,2-Dichloroethene	5	<1.0	<1.0	1	1.1	2.0	<2.0	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0 [<1.0]
Trichloroethene	5	13	10	14	17	1.0	<2.0	<1.0	<1.0	5.0	2.2	22	3.0	13	<1.0 [<1.0]
Vinyl Chloride	2	<1.0	<1.0	<1.0	<1.0	95	<2.0	75	12	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]
Total VOC TICs	NA	ND	ND	ND	NA	43 J	ND	22 J	NA	ND	NA	ND	ND	ND	NA

TABLE 2
GROUNDWATER ANALYTICAL RESULTS FOR PCBs AND DETECTED VOCs (ppb)

APRIL 2005 GROUNDWATER INVESTIGATION
NATIONAL GRID
HARPER SUBSTATION
NIAGARA FALLS, NEW YORK

Compound	NYSDEC Groundwater Standard/Guidance Value	MW-5				MW-6		MW-7		MW-8	
		Aug-99	Apr-00	Sep-00	Apr-05	Sep-00	Apr-05	Sep-00	Apr-05	Sep-00	Apr-05
PCBs											
Aroclor 1016	NA	<0.48 [<0.48]	<0.050 [<0.050]	<0.050	<0.048	<0.050 [<0.050]	<0.047	<0.050	<0.047	<0.050	<0.048
Aroclor 1221	NA	<0.48 [<0.48]	<0.050 [<0.050]	<0.050	<0.048	<0.050 [<0.050]	<0.047	<0.050	<0.047	<0.050	<0.048
Aroclor 1232	NA	<0.48 [<0.48]	<0.050 [<0.050]	<0.050	<0.048	<0.050 [<0.050]	<0.047	<0.050	<0.047	<0.050	<0.048
Aroclor 1242	NA	<0.48 [<0.48]	<0.050 [<0.050]	<0.050	<0.048	<0.050 [<0.050]	<0.047	<0.050	<0.047	<0.050	<0.048
Aroclor 1248	NA	<0.48 [<0.48]	0.080 [0.090]	<0.050	<0.048	<0.050 [<0.050]	<0.047	<0.050	<0.047	<0.050	<0.048
Aroclor 1254	NA	<0.48 [<0.48]	<0.050 [<0.050]	<0.050	<0.048	<0.050 [<0.050]	<0.047	<0.050	<0.047	<0.050	<0.048
Aroclor 1260	NA	<0.48 [<0.48]	<0.050 [<0.050]	<0.050	<0.048	<0.050 [<0.050]	<0.047	<0.050	<0.047	<0.050	<0.048
Total PCBs	0.09	<0.48 [<0.48]	0.080 [0.090]	<0.050	<0.048	<0.050 [<0.050]	<0.047	<0.050	<0.047	<0.050	<0.048
VOCs											
1,1,2,2-Tetrachloroethane	0.2	<2.0	<2.0	<2.0	<1.0	<2.0 [<2.0]	<1.0	<2.0	<1.0	<2.0	<1.0
1,1-Dichloroethene	5	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0 [<1.0]	0.75 J	<1.0	0.20 J	<1.0	<1.0
1,2,4-Trichlorobenzene	5	<10 [<10]	<10 [<10]	<10	<1.0	1 J [1 J]	0.79 J	<10	<1.0	<10	<1.0
1,2,4-Trimethylbenzene	5	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	NA	<1.0 [<1.0]	NA	<1.0	NA	<1.0	NA
1,2-Dichlorobenzene	3	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	5.0 [5.0]	1.6	2.0	1.2	<1.0	<1.0
1,3-Dichlorobenzene	3	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	5.0 [4.0]	2.1	5.0	3.4	<1.0	<1.0
1,4-Dichlorobenzene	3	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	6.0 [6.0]	2.9	4.0	3.2	<1.0	<1.0
2-Butanone	50*	<2.0 [<2.0]	<2.0 [<2.0]	11	<5.0	<2.0 [<2.0]	<5.0	<2.0	<5.0	<2.0	<5.0
Acetone	50*	<5.0 [<5.0]	<5.0 [<5.0]	<5.0	<5.0	<5.0 [<5.0]	<5.0	<5.0	<5.0	<5.0	<5.0
Benzene	1	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	4.0 [4.0]	1.2	100	26	<1.0	<1.0
Carbon Disulfide	60	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	5	<1.0 [1.0]	<1.0 [<1.0]	<1.0	0.25 J	4.0 [4.0]	1.2	21	7.7	<1.0	<1.0
Chloroform	7	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	5	20 [20]	18 [17]	12	6.4	150 [160]	51 D	34	9.3	5.0	3.0
Cyclohexane	NA	NA	NA	NA	<1.0	NA	<1.0	NA	<1.0	NA	<1.0
Methylcyclohexane	NA	NA	NA	NA	<1.0	NA	<1.0	NA	<1.0	NA	<1.0
Methylene chloride	5	<2.0 [<2.0]	<2.0 [<2.0]	<2.0	<1.0	1.0 J [1.0 J]	<1.0	<2.0	<1.0	<2.0	<1.0
Tetrachloroethene	5	2.0 [2.0]	1.0 [1.0]	2.0	0.27 J	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	0.54 J
Toluene	5	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0 [<1.0]	<1.0	1.0	<1.0	<1.0	<1.0
Total Xylenes	5	<2.0 [<2.0]	<2.0 [<2.0]	<2.0	<3.0	<2.0 [<2.0]	<3.0	<2.0	<3.0	<2.0	<3.0
trans-1,2-Dichloroethene	5	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0 [<1.0]	0.32 J	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	8.0 [8.0]	5.0 [5.0]	6.0	0.77 J	3.0 [4.0]	1.6	<1.0	0.55 J	4.0	2.0
Vinyl Chloride	2	10 [11]	2.0 [<1.0]	4.0	1.2	40 [40]	12	55	12	<1.0	<1.0
Total VOC TICs	NA	ND [ND]	ND [ND]	ND	NA	36 J [35 J]	NA	22 J	NA	ND	NA

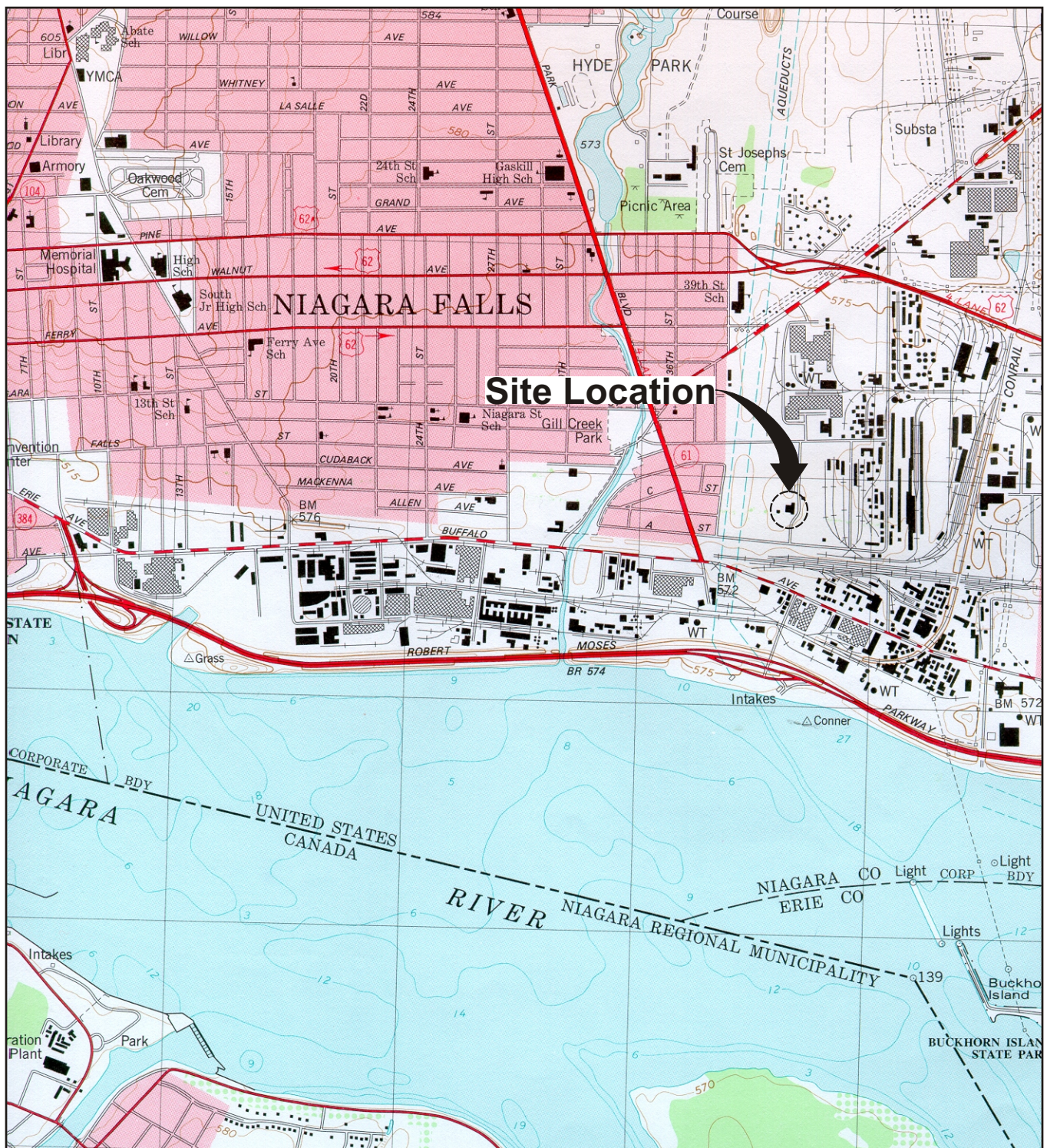
TABLE 2
GROUNDWATER ANALYTICAL RESULTS FOR PCBs AND DETECTED VOCs (ppb)

APRIL 2005 GROUNDWATER INVESTIGATION
NATIONAL GRID
HARPER SUBSTATION
NIAGARA FALLS, NEW YORK

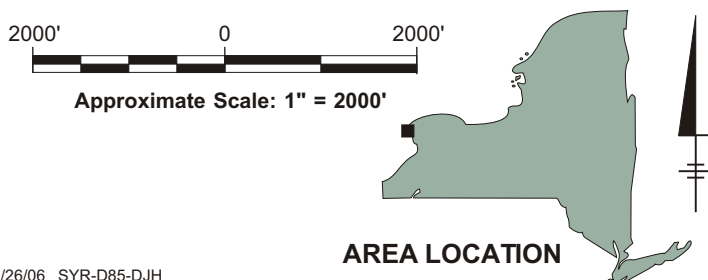
Notes:

1. Samples collected by Blasland, Bouck & Lee, Inc. (BBL) during the months indicated.
2. Samples collected in August 1999, April 2000, and September 2000 were analyzed by Galson Laboratories, Inc. (Galson) of East Syracuse, New York; and samples collected April 2005 were analyzed by Severn Trent Laboratories Inc., (STL) of Amherst, New York.
Samples were analyzed for:
 - Polychlorinated biphenyls (PCBs) using United States Environmental Protection Agency (USEPA) SW-846 Method 8082 as referenced in the New York State Department of Environmental Conservation (NYSDEC) 2000 Analytical Services Protocol (ASP).
 - Volatile Organic Compounds (VOCs) using USEPA SW-846 Method 8260.
3. The laboratory analyzed groundwater samples with a laboratory detection limit of 0.05 ppb to facilitate comparison of the analytical results with the 0.09 ppb Class GA ambient water quality standard presented in TOGS 1.1.1.
4. Concentrations reported in parts per billion (ppb), which is equivalent to micrograms per liter ($\mu\text{g/L}$).
5. The duplicate sample results are shown in brackets "[]" and were collected as follows:
 - August 1999: Duplicate sample DUP-2 was collected from MW-5 for PCB and VOC analysis.
 - April 2000: Duplicate sample FD042500 was collected from MW-5 for PCB and VOC analysis.
 - September 2000: Duplicate sample FD090500 was collected from MW-6 for PCB and VOC analysis.
 - April 2005: Duplicate sample FD041205 was collected from MW-4 for PCB and VOC analysis.
6. < = Compound was not detected at a concentration exceeding the reported laboratory detection limit.
7. D = Concentration based on a diluted sample analysis.
8. J = Indicates an estimated concentration.
9. B= Compound was detected in the sample and in the associated sample blank.
10. Groundwater Standards/Guidance Values for Class GA water presented in the NYSDEC Division of Water Technical and Operational Guidance Series (TOGS 1.1.1) document titled "Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations," dated June 1998, as revised April 2000 and June 2004.
11. Shaded values indicate that the constituent was detected at a concentration exceeding the NYSDEC Class GA Ambient Water Quality Standard/Guidance Value presented in TOGS 1.1.1.
12. TICs = Tentatively identified compounds.
13. ND = Indicates no TICs detected.
14. NA= Not Available.
15. * = Indicates an NYSDEC ambient water quality guidance value.
16. Analytical results have not been validated.

Figures



REFERENCE: BASE MAP USGS 7.5 MIN. QUAD., NIAGARA FALLS, NY-ONT. 1980.



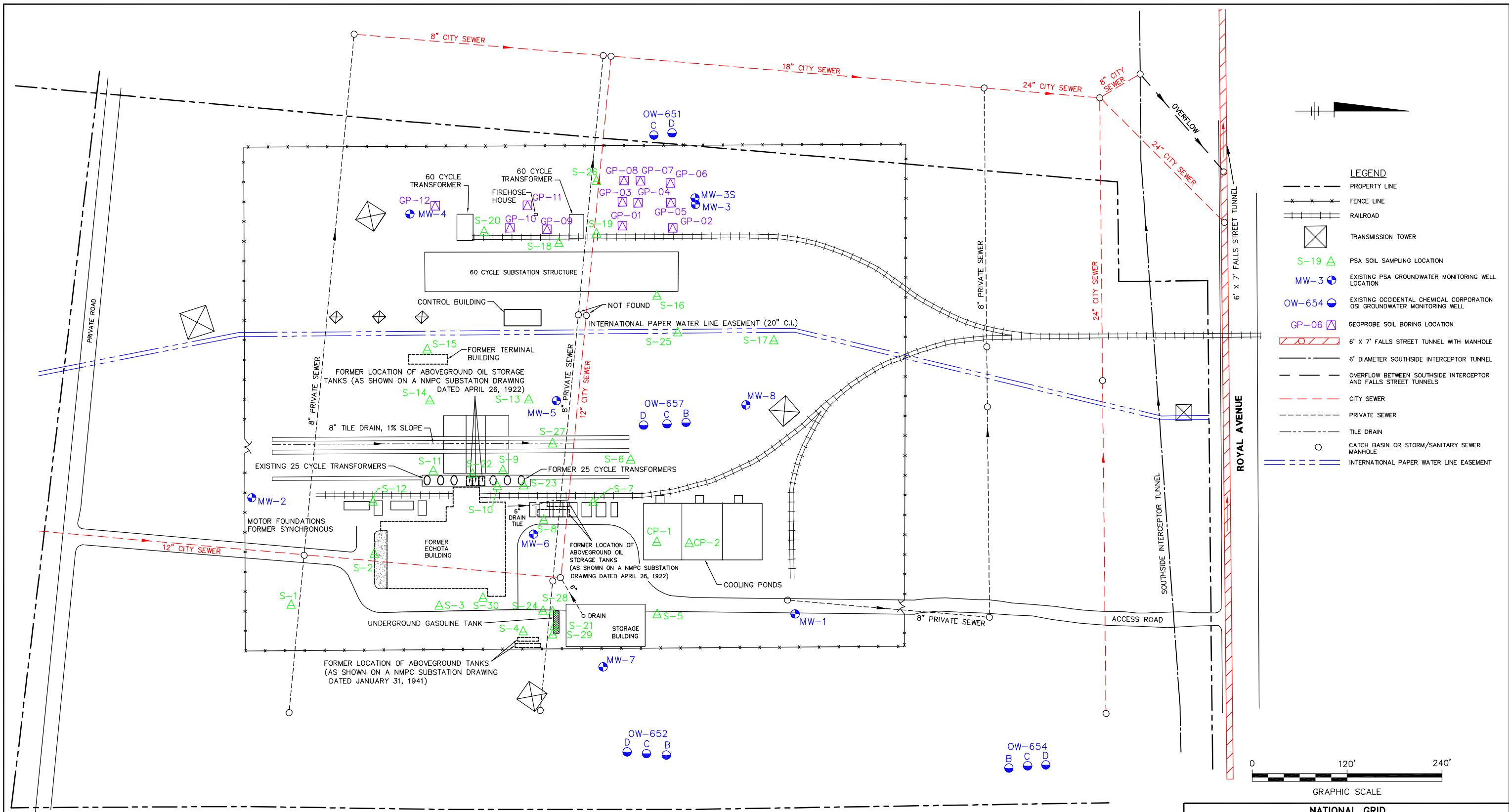
05/26/06 SYR-D85-DJH
36640010/36640n01.cdr

NATIONAL GRID
HARPER SUBSTATION
NIAGARA FALLS, NEW YORK

SITE LOCATION MAP

BBL[®]
BLASLAND, BOUCK & LEE, INC.
engineers, scientists, economists

FIGURE
1



NOTES:

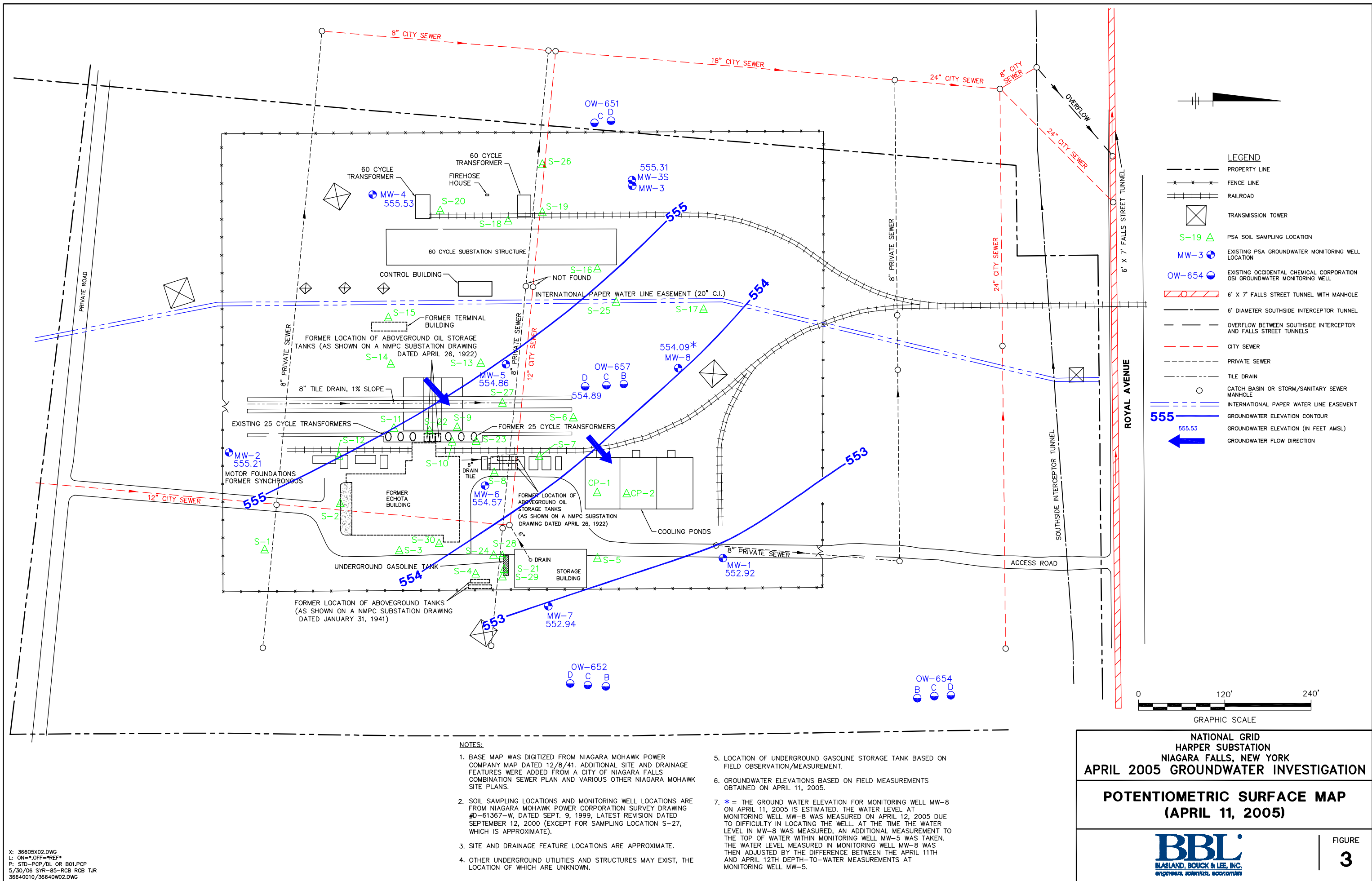
1. BASE MAP WAS DIGITIZED FROM NIAGARA MOHAWK POWER COMPANY MAP DATED 12/8/41. ADDITIONAL SITE AND DRAINAGE FEATURES WERE ADDED FROM A CITY OF NIAGARA FALLS COMBINATION SEWER PLAN AND VARIOUS OTHER NIAGARA MOHAWK SITE PLANS.
2. SOIL SAMPLING LOCATIONS AND MONITORING WELL LOCATIONS ARE FROM NIAGARA MOHAWK POWER CORPORATION SURVEY DRAWING #D-61367-W, DATED SEPT. 9, 1999, LATEST REVISION DATED SEPTEMBER 12, 2000 (EXCEPT FOR SAMPLING LOCATION S-27, WHICH IS APPROXIMATE).
3. SITE AND DRAINAGE FEATURE LOCATIONS ARE APPROXIMATE.
4. OTHER UNDERGROUND UTILITIES AND STRUCTURES MAY EXIST, THE LOCATION OF WHICH ARE UNKNOWN.
5. LOCATION OF UNDERGROUND GASOLINE STORAGE TANK BASED ON FIELD OBSERVATION/MEASUREMENT.

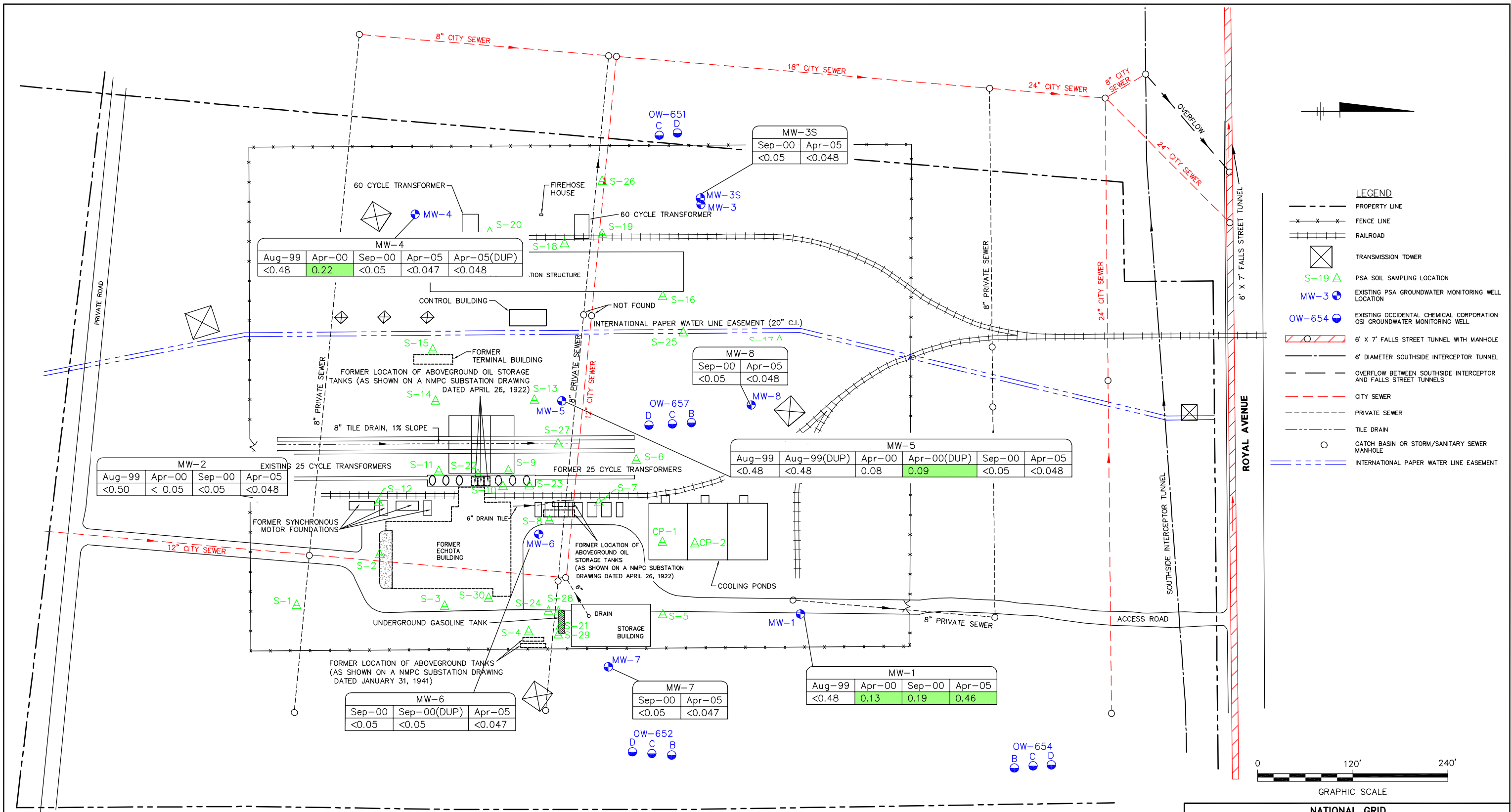
NATIONAL GRID
HARPER SUBSTATION
NIAGARA FALLS, NEW YORK
APRIL 2005 GROUNDWATER INVESTIGATION

SITE PLAN

BBL
BLASLAND, BOUCK & LEE, INC.
engineers, scientists, economists

FIGURE
2





NOTES:

1. BASE MAP WAS DIGITIZED FROM NIAGARA MOHAWK POWER COMPANY MAP DATED 12/8/41. ADDITIONAL SITE AND DRAINAGE FEATURES WERE ADDED FROM A CITY OF NIAGARA FALLS COMBINATION SEWER PLAN AND VARIOUS OTHER NIAGARA MOHAWK SITE PLANS.
2. SOIL SAMPLING LOCATIONS AND MONITORING WELL LOCATIONS ARE FROM NIAGARA MOHAWK POWER CORPORATION SURVEY DRAWING #D-61367-W, DATED SEPT. 9, 1999, LATEST REVISION DATED SEPTEMBER 12, 2000 (EXCEPT FOR SAMPLING LOCATION S-27, WHICH IS APPROXIMATE).
3. SITE AND DRAINAGE FEATURE LOCATIONS ARE APPROXIMATE.
4. OTHER UNDERGROUND UTILITIES AND STRUCTURES MAY EXIST, THE LOCATION OF WHICH ARE UNKNOWN.
5. LOCATION OF UNDERGROUND GASOLINE STORAGE TANK BASED ON FIELD OBSERVATION/MEASUREMENT.
6. ALL GROUNDWATER SAMPLE CONCENTRATIONS ARE PRESENTED IN PARTS PER BILLION (ppb).
7. PCBs = POLYCHLORINATED BIPHENYLS.
8. < = COMPOUND WAS NOT DETECTED AT A CONCENTRATION EXCEEDING THE LISTED VALUE.
9. DUP = DUPLICATE SAMPLE.
10. SHADED VALUES INDICATE THAT THE CONSTITUENT WAS DETECTED AT A CONCENTRATION EQUAL TO OR EXCEEDING THE 0.09 ppb CLASS GA STANDARD/GUIDANCE VALUE FOR PCBs PRESENTED IN THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) DIVISION OF WATER TECHNICAL AND OPERATION GUIDANCE SERIES (TOGS 1.1.1) DOCUMENT ENTITLED "AMBIENT WATER QUALITY STANDARDS AND GUIDANCE VALUES AND GROUNDWATER EFFLUENT LIMITATIONS," DATED JUNE 1998.
11. LABORATORY DETECTION LIMIT OF 0.05 PPB WAS USED TO FACILITATE COMPARISON OF THE ANALYTICAL RESULTS WITH THE 0.09 PPB CLASS GA AMBIENT WATER QUALITY STANDARD PRESENTED IN TOGS 1.1.1.

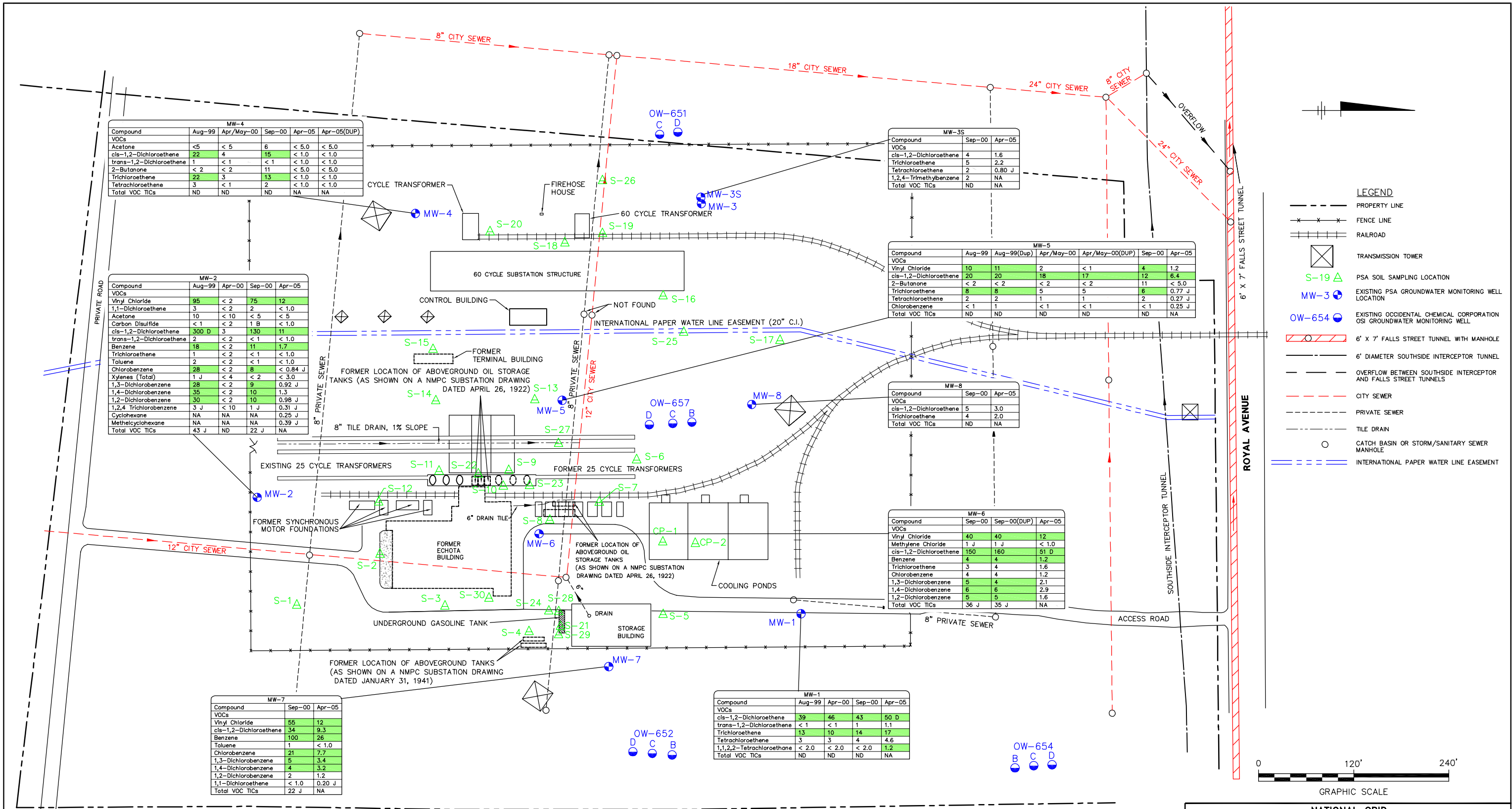
NATIONAL GRID
HARPER SUBSTATION
NIAGARA FALLS, NEW YORK
APRIL 2005 GROUNDWATER INVESTIGATION

**GROUNDWATER ANALYTICAL
RESULTS FOR TOTAL PCBs (ppb)**

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FIGURE
4

X: 36605X02.DWG
L: ON=*,OFF=REF
P: STD-PCP/DL OR B01.PCP
5/27/06 SYR-85-RCB RCB T.R
36640010/36640C05.DWG



NOTES:

1. BASE MAP WAS DIGITIZED FROM NIAGARA MOHAWK POWER COMPANY MAP DATED 12/8/41. ADDITIONAL SITE AND DRAINAGE FEATURES WERE ADDED FROM A CITY OF NIAGARA FALLS COMBINATION SEWER PLAN AND VARIOUS OTHER NIAGARA MOHAWK SITE PLANS.
2. SOIL SAMPLING LOCATIONS AND MONITORING WELL LOCATIONS ARE FROM NIAGARA MOHAWK POWER CORPORATION SURVEY DRAWING #D-61367-W, DATED SEPT. 9, 1999, LATEST REVISION DATED SEPTEMBER 12, 2000 (EXCEPT FOR SAMPLING LOCATION S-27, WHICH IS APPROXIMATE).
3. SITE AND DRAINAGE FEATURE LOCATIONS ARE APPROXIMATE.
4. OTHER UNDERGROUND UTILITIES AND STRUCTURES MAY EXIST, THE LOCATION OF WHICH ARE UNKNOWN.

5. LOCATION OF UNDERGROUND GASOLINE STORAGE TANK BASED ON FIELD OBSERVATION/MEASUREMENT.
6. ALL GROUNDWATER SAMPLE CONCENTRATIONS ARE PRESENTED IN PARTS PER BILLION (ppb).
7. VOCs = VOLATILE ORGANIC COMPOUNDS.
8. TICs = TENTATIVELY IDENTIFIED COMPOUNDS.
9. DUP = DUPLICATE SAMPLE.
10. J = INDICATES AN ESTIMATED VALUE.
11. B = ANALYTE IDENTIFIED IN THE SAMPLE AS WELL AS THE ASSOCIATED BLANK.
12. D= CONCENTRATION BASED ON A DILUTED SAMPLE ANALYSIS.

13. ND = NONE DETECTED.
14. SHADED VALUES INDICATE THAT THE CONSTITUENT WAS DETECTED AT A CONCENTRATION EXCEEDING CLASS GA STANDARD/GUIDANCE VALUE PRESENTED IN THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) DIVISION OF WATER TECHNICAL AND OPERATION GUIDANCE SERIES (TOGS 1.1.1) DOCUMENT ENTITLED "AMBIENT WATER QUALITY STANDARDS AND GUIDANCE VALUES AND GROUNDWATER EFFLUENT LIMITATIONS," DATED JUNE 1998.

X: 36605X02.DWG
L: ON=*,OFF=REF
P: STD-PCP/DL OR B01.PCP
5/27/06 SYR-B5-JER RCB TJR
36640010/3664004.DWG

NATIONAL GRID
HARPER SUBSTATION
NIAGARA FALLS, NEW YORK
APRIL 2005 GROUNDWATER INVESTIGATION

**GROUNDWATER ANALYTICAL RESULTS
FOR DETECTED VOCs & SVOCs (ppb)**

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engineers, scientists, economists

FIGURE
5

Attachments

Attachment 1

Groundwater Sampling Logs

GROUND-WATER SAMPLING LOG

Sampling Personnel: Aaron D. Richardson, Paul Phipps, Andy Roberts Well ID: MW-1
Job Number: 36640.009 Date: 4/11/05
Weather: Sunny 55° Time In: 1220 Time Out: 1310

WELL INFORMATION

	TIC	TOC	BGS
Well Depth (feet)	<u>25.46</u>		
Water Table Depth (feet)	<u>16.23</u>		

check where appropriate

Well Type: Flushmount ☒ Stick-Up ☐
Well Locked: Yes ☐ No ☒
Measuring Point Marked: Yes ☒ No ☐
Well Diameter: 1" ☐ 2" ☒ Other: _____

WELL WATER INFORMATION

Length of Water Column: (feet)	
Volume of Water in Well: (gal)	
Pumping Rate of Pump: (mL/min)	
Pumping Rate of Pump: (GPM)	
Minutes of Pumping:	
Total Volume Removed: (gal)	

Conversion Factors			
gallons per foot	1" ID	2" ID	4" ID
of water column:	0.041	0.163	0.653
			1.469

1 gal = 3.785 L = 3785 mL = 0.1337 cubic ft.

Unit Stability			
pH	DO	Cond	ORP
± 0.1	± 10%	± 3.0%	± 10 mV

SAMPLING INFORMATION

Analyses:
VOCs (3 - 40 mL vials) ☒
PCBs (2 - 1L Amber) ☒
SVOCs ☐
DOH Fingerprint ☐
Sample ID: MW-1
Sample Time: 1300
MS/MSD: Yes ☒ No ☐
Duplicate: Yes ☐ No ☐
Duplicate ID: _____
Total Bottles: 12

EVACUATION INFORMATION

Evacuation Method: Bailor ☐ Masterflex ☒ Grunfos ☐ Other Pump ☐
Tubing Used: Teflon ☐ Polyethylene ☒
Sampling Method: Bailor ☒ Masterflex ☒ Grunfos ☐ Other Pump ☐
Did well go dry? Yes ☐ No ☒ Water Quality Meter Type: Horiba U-22

Time	1	2	3	4	5	6	7	8	9
Parameter	<u>1225</u> Initial	<u>1230</u>	<u>1235</u>	<u>1240</u>	<u>1245</u>	<u>1250</u>	<u>1255</u>		
Volume Purged (gal)									
Purge Rate (mL/min)	<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>		
Depth to Water (ft. TIC)	<u>16.00</u>	<u>16.00</u>	<u>16.00</u>	<u>16.00</u>	<u>16.00</u>	<u>16.00</u>	<u>16.00</u>		
pH	<u>7.27</u>	<u>7.34</u>	<u>7.35</u>	<u>7.32</u>	<u>7.32</u>	<u>7.35</u>	<u>7.40</u>		
Conductance (mS/cm)	<u>0.666</u>	<u>0.668</u>	<u>0.670</u>	<u>0.671</u>	<u>0.670</u>	<u>0.670</u>	<u>0.672</u>		
Turbidity	<u>38.0</u>	<u>22.7</u>	<u>32.4</u>	<u>27.3</u>	<u>33.0</u>	<u>32.0</u>	<u>34.5</u>		
DO (mg/L)	<u>7.64</u>	<u>5.76</u>	<u>4.76</u>	<u>4.46</u>	<u>4.22</u>	<u>4.11</u>	<u>4.05</u>		
Temp (°C)	<u>11.1</u>	<u>11.2</u>	<u>11.2</u>	<u>11.3</u>	<u>11.3</u>	<u>11.3</u>	<u>11.4</u>		
ORP (mV)	<u>176</u>	<u>172</u>	<u>168</u>	<u>168</u>	<u>167</u>	<u>165</u>	<u>163</u>		

MISCELLANEOUS OBSERVATIONS/PROBLEMS

Time	10	11	12
Parameter			
Volume Purged (gal)			
Purge Rate (mL/min)			
Depth to Water (ft. TIC)			
pH			
Conductance (mS/cm)			
Turbidity			
DO (mg/L)			
Temp (°C)			
ORP (mV)			

SAMPLE DESTINATION

Laboratory: Severn Trent Laboratories, Buffalo, NY

Shipped Via: ☐ Federal Express ☐ UPS

Sample was ☐ shipped day of sampling
☒ sent on 4/12/05

Chain of Custody Signed By: ADP

GROUND-WATER SAMPLING LOG

Sampling Personnel: Aaron D. Richardson, Paul Filippetti, Andy Roberts
Job Number: 36640.009
Weather: Sunny

Well ID: MW-2
Date: 4/12/05
Time In: 0830 Time Out: 0930

WELL INFORMATION

	TIC	TOC	BGS
Well Depth (feet)	<u>20.71</u>		
Water Table Depth (feet)	<u>15.54</u>		

check where appropriate

Well Type: Flushmount ☒ Stick-Up ☐
Well Locked: Yes ☐ No ☒
Measuring Point Marked: Yes ☒ No ☐
Well Diameter: 1" ☐ 2" ☒ Other: _____

WELL WATER INFORMATION

Length of Water Column: (feet)	
Volume of Water in Well: (gal)	
Pumping Rate of Pump: (mL/min)	
Pumping Rate of Pump: (GPM)	
Minutes of Pumping:	
Total Volume Removed: (gal)	

Conversion Factors				
gallons per foot	1" ID	2" ID	4" ID	6" ID
of water column:	0.041	0.163	0.653	1.469

1 gal = 3.785 L = 3785 mL = 0.1337 cubic ft.

Unit Stability			
pH	DO	Cond	ORP
± 0.1	± 10%	± 3.0%	± 10 mV

SAMPLING INFORMATION

Analyses:
VOCs (3 - 40 mL vials) ☒
PCBs (2 - 1L Amber) ☒
SVOCs ☐
DOH Fingerprint ☐
Sample ID: MW-2
Sample Time: 0920
MS/MSD: Yes ☐ No ☒
Duplicate: Yes ☐ No ☒
Duplicate ID: _____
Total Bottles: 4

EVACUATION INFORMATION

Evacuation Method: Bailer ☐ Masterflex ☒ Grunfos ☐ Other Pump ☐
Tubing Used: Teflon ☐ Polyethylene ☒
Sampling Method: Bailer ☒ Masterflex ☒ Grunfos ☐ Other Pump ☐
Did well go dry? Yes ☐ No ☐ Water Quality Meter Type: Horiba U-22

Time	1 0830	2 0835	3 0840	4 0845	5 0850	6 0855	7 0900	8 0905	9 0910
Parameter	Initial								
Volume Purged (gal)									
Purge Rate (mL/min)	<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>
Depth to Water (ft. TIC)	<u>15.45</u>	<u>16.20</u>	<u>16.42</u>	<u>16.76</u>	<u>16.93</u>	<u>16.99</u>	<u>17.03</u>	<u>17.03</u>	<u>17.02</u>
pH	<u>6.84</u>	<u>6.82</u>	<u>6.95</u>	<u>7.02</u>	<u>7.06</u>	<u>7.09</u>	<u>7.13</u>	<u>7.15</u>	<u>7.17</u>
Conductance (mS/cm)	<u>0.905</u>	<u>0.893</u>	<u>0.889</u>	<u>0.886</u>	<u>0.880</u>	<u>0.870</u>	<u>0.859</u>	<u>0.846</u>	<u>0.833</u>
Turbidity	<u>145.0</u>	<u>98.6</u>	<u>241.0</u>	<u>999.0</u>	<u>999.0</u>	<u>999.0</u>	<u>999.0</u>	<u>999.0</u>	<u>999.0</u>
DO (mg/L)	<u>6.08</u>	<u>3.93</u>	<u>3.66</u>	<u>3.37</u>	<u>2.97</u>	<u>2.61</u>	<u>2.30</u>	<u>2.12</u>	<u>1.92</u>
Temp (°C)	<u>9.8</u>	<u>10.2</u>	<u>10.1</u>	<u>10.2</u>	<u>10.2</u>	<u>10.4</u>	<u>10.4</u>	<u>10.4</u>	<u>10.5</u>
ORP (mV)	<u>271</u>	<u>267</u>	<u>259</u>	<u>254</u>	<u>251</u>	<u>248</u>	<u>245</u>	<u>243</u>	<u>241</u>

Time	10 0915	11	12
Parameter			
Volume Purged (gal)			
Purge Rate (mL/min)	<u>200</u>		
Depth to Water (ft. TIC)	<u>16.98</u>		
pH	<u>7.19</u>		
Conductance (mS/cm)	<u>0.822</u>		
Turbidity	<u>839.0</u>		
DO (mg/L)	<u>1.79</u>		
Temp (°C)	<u>10.4</u>		
ORP (mV)	<u>239</u>		

MISCELLANEOUS OBSERVATIONS/PROBLEMS

SAMPLE DESTINATION

Laboratory: Severn Trent Laboratories, Buffalo, NY
Shipped Via: ☐ Federal Express ☐ UPS

Sample was ☒ shipped day of sampling
☐ sent on _____

Chain of Custody Signed By: ADR

GROUND-WATER SAMPLING LOG

Sampling Personnel: Aaron D. Richardson, Paul Filippetti, Andy Roberts
Job Number: 36640.009
Weather: SUNNY, 58°

Well ID: MW-35
Date: 4/12/05
Time In: 1310 Time Out: 1410

WELL INFORMATION

	TIC	TOC	BGS
Well Depth (feet)	19.53		
Water Table Depth (feet)	12.25		

check where appropriate

Well Type: Flushmount ☒ Stick-Up ☐
Well Locked: Yes ☐ No ☒
Measuring Point Marked: Yes ☐ No ☐
Well Diameter: 1" ☐ 2" ☒ Other: _____

WELL WATER INFORMATION

Length of Water Column: (feet)	
Volume of Water in Well: (gal)	
Pumping Rate of Pump: (mL/min)	
Pumping Rate of Pump: (GPM)	
Minutes of Pumping:	
Total Volume Removed: (gal)	

Conversion Factors				
gallons per foot	1" ID	2" ID	4" ID	6" ID
of water column:	0.041	0.163	0.653	1.469

1 gal = 3.785 L = 3785 mL = 0.1337 cubic ft.

Unit Stability			
pH	DO	Cond	ORP
± 0.1	± 10%	± 3.0%	± 10 mV

SAMPLING INFORMATION

Analyses:
VOCs (3 - 40 mL vials) ☒
PCBs (2 - 1L Amber) ☒
SVOCs ☐
DOH Fingerprint ☐
Sample ID: MW-35
Sample Time: 1400
MS/MSD: Yes ☐ No ☒
Duplicate: Yes ☐ No ☒
Duplicate ID: _____
Total Bottles: 4

EVACUATION INFORMATION

Evacuation Method: Bailor ☐ Masterflex ☒ Grunfos ☐ Other Pump ☐
Tubing Used: Teflon ☐ Polyethylene ☒
Sampling Method: Bailor ☒ Masterflex ☒ Grunfos ☐ Other Pump ☐

Did well go dry? Yes ☐ No ☒

Water Quality Meter Type: Horiba U-22

Time	1 1315	2 1320	3 1325	4 1330	5 1335	6 1340	7 1345	8 1350	9 1355
Parameter	Initial								
Volume Purged (gal)									
Purge Rate (mL/min)	200	200	200	200	200	200	200	200	200
Depth to Water (ft. TIC)	11.58	11.59	11.59	11.59	11.57	11.56	11.53	11.51	11.48
pH	7.64	7.66	7.72	7.72	7.68	7.65	7.62	7.61	7.60
Conductance (mS/cm)	2.56	2.48	1.48	0.902	0.732	0.638	0.594	0.584	0.574
Turbidity	35.6	27.4	22.8	23.8	21.1	21.6	21.6	21.8	22.3
DO (mg/L)	2.77	2.45	4.66	5.58	5.88	5.99	5.88	5.72	5.59
Temp (°C)	10.6	10.8	10.9	11.1	10.7	10.7	10.7	10.6	10.6
ORP (mV)	-150	-152	-84	-53	-4	17	31	32	33

MISCELLANEOUS OBSERVATIONS/PROBLEMS

Time	10 1400	11	12
Parameter			
Volume Purged (gal)			
Purge Rate (mL/min)	200		
Depth to Water (ft. TIC)	11.45		
pH	7.59		
Conductance (mS/cm)	0.567		
Turbidity	23.1		
DO (mg/L)	5.53		
Temp (°C)	10.4		
ORP (mV)	33		

SAMPLE DESTINATION

Laboratory: Severn Trent Laboratories, Buffalo, NY

Shipped Via: ☐ Federal Express ☐ UPS

Sample was ☒ shipped day of sampling
☐ sent on _____

Chain of Custody Signed By:

ADR

GROUND-WATER SAMPLING LOG

Sampling Personnel: Aaron D. Richardson, Paul Filippetti, ANDY ROBERTS Well ID: MW-4
Job Number: 38640.009 Date: 4/12/05
Weather: Sunny 50° Time In: 1045 Time Out: 1145

WELL INFORMATION

	TIC	TOC	BGS
Well Depth (feet)	<u>14.64</u>		
Water Table Depth (feet)	<u>13.39</u>		

check where appropriate

Well Type: Flushmount ☒ Stick-Up ☐
Well Locked: Yes ☒ No ☒
Measuring Point Marked: Yes ☐ No ☐
Well Diameter: 1" ☐ 2" ☒ Other: _____

WELL WATER INFORMATION

Length of Water Column: (feet)	
Volume of Water in Well: (gal)	
Pumping Rate of Pump: (mL/min)	
Pumping Rate of Pump: (GPM)	
Minutes of Pumping:	
Total Volume Removed: (gal)	

Conversion Factors				
gallons per foot	1" ID	2" ID	4" ID	6" ID
of water column:	0.041	0.163	0.653	1.469
1 gal = 3.785 L = 3785 mL = 0.1337 cubic ft.				

Unit Stability			
pH	DO	Cond	ORP
± 0.1	± 10%	± 3.0%	± 10 mV

SAMPLING INFORMATION

Analyses:
VOCs (3 - 40 mL vials) ☒
PCBs (2 - 1L Amber) ☒
SVOCs ☐
DOH Fingerprint ☐
Sample ID: MW-4
Sample Time: 1135
MS/MSD: Yes ☐ No ☒
Duplicate: Yes ☒ No ☐
Duplicate ID: F0041205
Total Bottles: 8

EVACUATION INFORMATION

Evacuation Method: Bailor ☐ Masterflex ☒ Grunfos ☐ Other Pump ☐
Tubing Used: Teflon ☐ Polyethylene ☒
Sampling Method: Bailor ☒ Masterflex ☒ Grunfos ☐ Other Pump ☐
Did well go dry? Yes ☐ No ☒ Water Quality Meter Type: Horiba U-22

Time	1 1050	2 1055	3 1100	4 1105	5 1110	6 1115	7 1120	8 1125	9 1130
Parameter	Initial								
Volume Purged (gal)									
Purge Rate (mL/min)	<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>
Depth to Water (ft. TIC)	<u>13.20</u>	<u>13.24</u>	<u>13.24</u>	<u>13.22</u>	<u>13.21</u>	<u>13.17</u>	<u>13.16</u>	<u>13.20</u>	<u>13.21</u>
pH	<u>7.07</u>	<u>7.06</u>	<u>7.05</u>	<u>7.04</u>	<u>6.99</u>	<u>6.98</u>	<u>7.03</u>	<u>7.17</u>	<u>7.20</u>
Conductance (mS/cm)	<u>0.738</u>	<u>0.715</u>	<u>0.700</u>	<u>0.669</u>	<u>0.659</u>	<u>0.653</u>	<u>0.651</u>	<u>0.648</u>	<u>0.644</u>
Turbidity	<u>204</u>	<u>226</u>	<u>147</u>	<u>122</u>	<u>84.6</u>	<u>65.9</u>	<u>53.0</u>	<u>51.9</u>	<u>52.0</u>
DO (mg/L)	<u>8.19</u>	<u>6.53</u>	<u>5.92</u>	<u>5.67</u>	<u>5.61</u>	<u>5.53</u>	<u>5.49</u>	<u>5.45</u>	<u>5.45</u>
Temp (°C)	<u>8.0</u>	<u>8.2</u>	<u>8.3</u>	<u>8.4</u>	<u>8.4</u>	<u>8.4</u>	<u>8.4</u>	<u>8.6</u>	<u>8.8</u>
ORP (mV)	<u>213</u>	<u>211</u>	<u>211</u>	<u>211</u>	<u>211</u>	<u>210</u>	<u>211</u>	<u>209</u>	<u>205</u>

Time	10 1135	11	12
Parameter			
Volume Purged (gal)			
Purge Rate (mL/min)	<u>200</u>		
Depth to Water (ft. TIC)	<u>13.22</u>		
pH	<u>7.20</u>		
Conductance (mS/cm)	<u>0.642</u>		
Turbidity	<u>51.0</u>		
DO (mg/L)	<u>5.41</u>		
Temp (°C)	<u>8.8</u>		
ORP (mV)	<u>202</u>		

MISCELLANEOUS OBSERVATIONS/PROBLEMS

SAMPLE DESTINATION

Laboratory: Sewern Trent Laboratories, Buffalo, NY Sample was ☒ shipped day of sampling
Shipped Via: ☐ Federal Express ☐ UPS ☐ sent on _____ Chain of Custody Signed By: ADR

GROUND-WATER SAMPLING LOG

Sampling Personnel: Aaron D. Richardson, Paul Filippetti ANDY ROBERTS
Job Number: 36640.009
Weather: SUNNY 45°

Well ID: MW-5
Date: 4/12/05
Time In: 0950 Time Out: 1035

WELL INFORMATION

		TIC	TOC	BGS
Well Depth (feet)		<u>28.60</u>		
Water Table Depth (feet)		<u>17.10</u>		

check where appropriate

Well Type: Flushmount ☒ Stick-Up ☐
Well Locked: Yes ☐ No ☒
Measuring Point Marked: Yes ☐ No ☐
Well Diameter: 1" ☐ 2" ☒ Other: _____

WELL WATER INFORMATION

Length of Water Column: (feet)	
Volume of Water in Well: (gal)	
Pumping Rate of Pump: (mL/min)	
Pumping Rate of Pump: (GPM)	
Minutes of Pumping:	
Total Volume Removed: (gal)	

Conversion Factors				
gallons per foot	1" ID	2" ID	4" ID	6" ID
of water column:	0.041	0.163	0.653	1.469

1 gal = 3.785 L = 3785 mL = 0.1337 cubic ft.

Unit Stability			
pH	DO	Cond	ORP
± 0.1	± 10%	± 3.0%	± 10 mV

SAMPLING INFORMATION

Analyses:
VOCs (3 - 40 mL vials) ☒
PCBs (2 - 1L Amber) ☒
SVOCs ☐
DOH Fingerprint ☐
Sample ID: MW-5
Sample Time: 1025
MS/MSD: Yes ☐ No ☒
Duplicate: Yes ☐ No ☒
Duplicate ID: _____
Total Bottles: 4

EVACUATION INFORMATION

Evacuation Method: Bailer ☐ Masterflex ☒ Grunfos ☐ Other Pump ☐
Tubing Used: Teflon ☐ Polyethylene ☒
Sampling Method: Bailer ☒ Masterflex ☒ Grunfos ☐ Other Pump ☐
Did well go dry? Yes ☐ No ☒ Water Quality Meter Type: Horiba U-22

Time	1 0950	2 0955	3 1000	4 1005	5 1010	6 1015	7 1020	8 1025	9
Parameter	Initial								
Volume Purged (gal)									
Purge Rate (mL/min)	<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>	
Depth to Water (ft. TIC)	<u>16.85</u>	<u>16.84</u>	<u>16.83</u>	<u>16.81</u>	<u>16.81</u>	<u>16.80</u>	<u>16.79</u>	<u>16.78</u>	
pH	<u>7.66</u>	<u>7.67</u>	<u>7.68</u>	<u>7.68</u>	<u>7.69</u>	<u>7.70</u>	<u>7.71</u>	<u>7.72</u>	
Conductance (mS/cm)	<u>0.675</u>	<u>0.634</u>	<u>0.568</u>	<u>0.555</u>	<u>0.534</u>	<u>0.532</u>	<u>0.518</u>	<u>0.519</u>	
Turbidity	<u>4.5</u>	<u>0.90</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>7.5</u>	<u>7.5</u>	
DO (mg/L)	<u>4.88</u>	<u>5.07</u>	<u>5.98</u>	<u>6.10</u>	<u>6.23</u>	<u>6.21</u>	<u>6.63</u>	<u>6.50</u>	
Temp (°C)	<u>10.7</u>	<u>10.7</u>	<u>10.8</u>	<u>10.8</u>	<u>10.8</u>	<u>10.9</u>	<u>10.9</u>	<u>10.9</u>	
ORP (mV)	<u>182</u>	<u>179</u>	<u>178</u>	<u>177</u>	<u>171</u>	<u>167</u>	<u>165</u>	<u>163</u>	

Time	10	11	12
Parameter			
Volume Purged (gal)			
Purge Rate (mL/min)			
Depth to Water (ft. TIC)			
pH			
Conductance (mS/cm)			
Turbidity			
DO (mg/L)			
Temp (°C)			
ORP (mV)			

MISCELLANEOUS OBSERVATIONS/PROBLEMS

SAMPLE DESTINATION

Laboratory: Severn Trent Laboratories, Buffalo, NY

Shipped Via: ☐ Federal Express ☐ UPS

Sample was ☒ shipped day of sampling
☐ sent on _____

Chain of Custody Signed By:

ADR

GROUND-WATER SAMPLING LOG

Sampling Personnel: Aaron D. Richardson, Raul Ellipatti, ANDY ROBERTS
Job Number: 38640.009
Weather: Sunny 55°

Well ID: MW-6
Date: 4/11/05
Time In: 1340 Time Out: 1440

WELL INFORMATION

	TIC	TOC	BGS
Well Depth (feet)	<u>22.42</u>		
Water Table Depth (feet)	<u>15.53</u>		

check where appropriate

Well Type: Flushmount ☒ Stick-Up ☐
Well Locked: Yes ☐ No ☒
Measuring Point Marked: Yes ☒ No ☐
Well Diameter: 1" ☐ 2" ☒ Other: _____

WELL WATER INFORMATION

Length of Water Column: (feet)	
Volume of Water in Well: (gal)	
Pumping Rate of Pump: (mL/min)	
Pumping Rate of Pump: (GPM)	
Minutes of Pumping:	
Total Volume Removed: (gal)	

Conversion Factors				
gallons per foot	1" ID	2" ID	4" ID	6" ID
of water column:	0.041	0.163	0.653	1.469

1 gal = 3.785 L = 3785 mL = 0.1337 cubic ft.

Unit Stability			
pH	DO	Cond	ORP
± 0.1	± 10%	± 3.0%	± 10 mV

SAMPLING INFORMATION

Analyses:
VOCs (3 - 40 mL vials) ☒
PCBs (2 - 1L Amber) ☒
SVOCs ☐
DOH Fingerprint ☐
Sample ID: MW-6
Sample Time: 1430
MS/MSD: Yes ☐ No ☒
Duplicate: Yes ☐ No ☒
Duplicate ID: _____
Total Bottles: 2

EVACUATION INFORMATION

Evacuation Method: Bailer ☐ Masterflex ☒ Grunfos ☐ Other Pump ☐
Tubing Used: Teflon ☐ Polyethylene ☒
Sampling Method: Bailer ☒ Masterflex ☒ Grunfos ☐ Other Pump ☐
Did well go dry? Yes ☐ No ☒ Water Quality Meter Type: Horiba U-22

Time	1	2	3	4	5	6	7	8	9
Parameter	<u>1350</u>	<u>1355</u>	<u>1400</u>	<u>1405</u>	<u>1410</u>	<u>1415</u>	<u>1420</u>	<u>1425</u>	<u>1430</u>
Volume Purged (gal)	Initial								
Purge Rate (mL/min)	<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>
Depth to Water (ft. TIC)	<u>15.14</u>	<u>15.44</u>	<u>15.30</u>	<u>15.30</u>	<u>15.39</u>	<u>15.44</u>	<u>15.48</u>	<u>15.53</u>	<u>15.53</u>
pH	<u>7.33</u>	<u>7.30</u>	<u>7.21</u>	<u>7.22</u>	<u>7.22</u>	<u>7.17</u>	<u>7.22</u>	<u>7.31</u>	<u>7.28</u>
Conductance (mS/cm)	<u>0.611</u>	<u>0.606</u>	<u>0.604</u>	<u>0.604</u>	<u>0.612</u>	<u>0.605</u>	<u>0.603</u>	<u>0.602</u>	<u>0.603</u>
Turbidity	<u>237</u>	<u>55.8</u>	<u>40.0</u>	<u>31.4</u>	<u>40.9</u>	<u>67.9</u>	<u>40.0</u>	<u>28.4</u>	<u>29.1</u>
DO (mg/L)	<u>10.21</u>	<u>4.55</u>	<u>6.83</u>	<u>7.16</u>	<u>6.24</u>	<u>3.84</u>	<u>3.12</u>	<u>2.76</u>	<u>2.76</u>
Temp (°C)	<u>10.8</u>	<u>10.7</u>	<u>11.7</u>	<u>11.5</u>	<u>10.6</u>	<u>10.6</u>	<u>10.6</u>	<u>10.6</u>	<u>10.5</u>
ORP (mV)	<u>218</u>	<u>212</u>	<u>214</u>	<u>213</u>	<u>213</u>	<u>207</u>	<u>192</u>	<u>184</u>	<u>181</u>

MISCELLANEOUS OBSERVATIONS/PROBLEMS

Time	10	11	12
Parameter			
Volume Purged (gal)			
Purge Rate (mL/min)			
Depth to Water (ft. TIC)			
pH			
Conductance (mS/cm)			
Turbidity			
DO (mg/L)			
Temp (°C)			
ORP (mV)			

SAMPLE DESTINATION

Laboratory: Severn Trent Laboratories, Buffalo, NY

Shipped Via: ☐ Federal Express ☐ UPS

Sample was ☐ shipped day of sampling
☒ sent on 4/12/05

Chain of Custody Signed By: ASR

GROUND-WATER SAMPLING LOG

Sampling Personnel: Aaron D. Richardson, Paul Filippetti, Andy Roberts
Job Number: 36640.009
Weather: Sunny ~~80°~~

Well ID: MW-7
Date: 4/11/05
Time In: 1050 Time Out: 1200

WELL INFORMATION

		TIC	TOC	BGS
Well Depth	(feet)	<u>22.90</u>		
Water Table Depth	(feet)	<u>10.68</u>		

check where appropriate

Well Type: Flushmount ☒ Stick-Up ☐
Well Locked: Yes ☐ No ☒
Measuring Point Marked: Yes ☒ No ☐
Well Diameter: 1" ☐ 2" ☒ Other: _____

WELL WATER INFORMATION

Length of Water Column:	(feet)	
Volume of Water in Well:	(gal)	
Pumping Rate of Pump:	(mL/min)	
Pumping Rate of Pump:	(GPM)	
Minutes of Pumping:		
Total Volume Removed:	(gal)	

Conversion Factors				
gallons per foot	1" ID	2" ID	4" ID	6" ID
of water column:	0.041	0.163	0.653	1.469

1 gal = 3.785 L = 3785 mL = 0.1337 cubic ft.

Unit Stability			
pH	DO	Cond	ORP
± 0.1	± 10%	± 3.0%	± 10 mV

SAMPLING INFORMATION

Analyses:
VOCs (3 - 40 mL vials) ☒
PCBs (2 - 1L Amber) ☒
SVOCs ☐
DOH Fingerprint ☐
Sample ID: MW-7
Sample Time: 1150
MS/MSD: Yes ☐ No ☒
Duplicate: Yes ☐ No ☒
Duplicate ID: _____
Total Bottles: 2

EVACUATION INFORMATION

Evacuation Method: Bailor ☐ Masterflex ☒ Grunfos ☐ Other Pump ☐
Tubing Used: Teflon ☐ Polyethylene ☒
Sampling Method: Bailor ☒ Masterflex ☒ Grunfos ☐ Other Pump ☐
Did well go dry? Yes ☐ No ☐ Water Quality Meter Type: Horiba U-22

Time	1	2	3	4	5	6	7	8	9
Parameter	Initial	1105	1110	1115	1120	1125	1130	1135	1140
Volume Purged (gal)									
Purge Rate (mL/min)	<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>
Depth to Water (ft. TIC)	<u>17.12</u>	<u>17.15</u>	<u>17.19</u>	<u>17.20</u>	<u>17.20</u>	<u>17.20</u>	<u>17.26</u>	<u>17.10</u>	<u>17.10</u>
pH	<u>7.07</u>	<u>7.40</u>	<u>7.46</u>	<u>7.50</u>	<u>7.55</u>	<u>7.56</u>	<u>7.58</u>	<u>7.6</u>	<u>7.6</u>
Conductance (mS/cm)	<u>1.29</u>	<u>1.20</u>	<u>1.25</u>	<u>1.24</u>	<u>1.24</u>	<u>1.23</u>	<u>1.22</u>	<u>1.22</u>	<u>1.21</u>
Turbidity	<u>999</u>	<u>438</u>	<u>319.0</u>	<u>224</u>	<u>160</u>	<u>122</u>	<u>95.6</u>	<u>68.8</u>	<u>68.5</u>
DO (mg/L)	<u>6.33</u>	<u>2.69</u>	<u>2.28</u>	<u>2.01</u>	<u>1.81</u>	<u>1.68</u>	<u>1.58</u>	<u>1.46</u>	<u>1.45</u>
Temp (°C)	<u>11.5</u>	<u>11.0</u>	<u>11.1</u>	<u>11.1</u>	<u>11.2</u>	<u>11.0</u>	<u>11.2</u>	<u>11.2</u>	<u>11.1</u>
ORP (mV)	<u>68</u>	<u>19</u>	<u>13</u>	<u>9</u>	<u>3</u>	<u>0</u>	<u>-1</u>	<u>-10</u>	<u>-1</u>

MISCELLANEOUS OBSERVATIONS/PROBLEMS

Time	10	11	12
Parameter	1145		
Volume Purged (gal)	<u>2</u>		
Purge Rate (mL/min)	<u>200</u>		
Depth to Water (ft. TIC)	<u>17.08</u>		
pH	<u>7.6</u>		
Conductance (mS/cm)	<u>1.21</u>		
Turbidity	<u>60.4</u>		
DO (mg/L)	<u>1.43</u>		
Temp (°C)	<u>11.2</u>		
ORP (mV)	<u>-8</u>		

SAMPLE DESTINATION

Laboratory: Severn Trent Laboratories, Buffalo, NY
Shipped Via: ☐ Federal Express ☐ UPS

Sample was ☐ shipped day of sampling
☒ sent on 4/12/05

Chain of Custody Signed By: ADR

GROUND-WATER SAMPLING LOG

Sampling Personnel: Aaron D. Richardson, Paul Filippetti, ANDY ROBERTS
Job Number: 36640.009
Weather: Sunny 50°

Well ID: MW-8
Date: 4/12/05
Time In: 1155 Time Out: 1305

WELL INFORMATION

	TIC	TOC	BGS
Well Depth (feet)	<u>21.93</u>		
Water Table Depth (feet)	<u>15.69</u>		

check where appropriate

Well Type: Flushmount ☒ Stick-Up ☐
Well Locked: Yes ☐ No ☒
Measuring Point Marked: Yes ☐ No ☐
Well Diameter: 1" ☐ 2" ☒ Other: _____

WELL WATER INFORMATION

Length of Water Column: (feet)	
Volume of Water in Well: (gal)	
Pumping Rate of Pump: (mL/min)	
Pumping Rate of Pump: (GPM)	
Minutes of Pumping:	
Total Volume Removed: (gal)	

Conversion Factors				
gallons per foot	1" ID	2" ID	4" ID	6" ID
of water column:	0.041	0.163	0.653	1.469

1 gal = 3.785 L = 3785 mL = 0.1337 cubic ft.

Unit Stability			
pH	DO	Cond	ORP
± 0.1	± 10%	± 3.0%	± 10 mV

SAMPLING INFORMATION

Analyses:
VOCs (3 - 40 mL vials) ☒
PCBs (2 - 1L Amber) ☒
SVOCs ☐
DOH Fingerprint ☐
Sample ID: MW-8
Sample Time: 1255
MS/MSD: Yes ☐ No ☒
Duplicate: Yes ☐ No ☒
Duplicate ID: _____
Total Bottles: 2

EVACUATION INFORMATION

Evacuation Method: Bailer ☐ Masterflex ☒ Grunfos ☐ Other Pump ☐
Tubing Used: Teflon ☐ Polyethylene ☒
Sampling Method: Bailer ☒ Masterflex ☒ Grunfos ☐ Other Pump ☐
Did well go dry? Yes ☐ No ☒ Water Quality Meter Type: Horiba U-22

Time	1 1200	2 1205	3 1210	4 1215	5 1220	6 1225	7 1230	8 1235	9 1240
Parameter	Initial								
Volume Purged (gal)									
Purge Rate (mL/min)	<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>
Depth to Water (ft. TIC)	<u>15.44</u>	<u>15.42</u>	<u>15.41</u>	<u>15.41</u>	<u>15.41</u>	<u>15.40</u>	<u>15.40</u>	<u>15.41</u>	<u>15.43</u>
pH	<u>7.30</u>	<u>7.30</u>	<u>7.30</u>	<u>7.31</u>	<u>7.31</u>	<u>7.30</u>	<u>7.31</u>	<u>7.29</u>	<u>7.28</u>
Conductance (mS/cm)	<u>1.07</u>	<u>1.04</u>	<u>0.96</u>	<u>0.872</u>	<u>0.818</u>	<u>0.781</u>	<u>0.740</u>	<u>0.707</u>	<u>0.682</u>
Turbidity	<u>230</u>	<u>185</u>	<u>136</u>	<u>91.9</u>	<u>60.6</u>	<u>41.2</u>	<u>27.4</u>	<u>19.2</u>	<u>15.1</u>
DO (mg/L)	<u>6.92</u>	<u>5.78</u>	<u>4.65</u>	<u>4.35</u>	<u>4.28</u>	<u>4.26</u>	<u>4.26</u>	<u>4.33</u>	<u>4.30</u>
Temp (°C)	<u>10.4</u>	<u>10.4</u>	<u>10.4</u>	<u>10.3</u>	<u>10.3</u>	<u>10.2</u>	<u>10.3</u>	<u>10.3</u>	<u>10.4</u>
ORP (mV)	<u>49</u>	<u>73</u>	<u>91</u>	<u>101</u>	<u>111</u>	<u>122</u>	<u>128</u>	<u>137</u>	<u>143</u>

MISCELLANEOUS OBSERVATIONS/PROBLEMS

Time	10 1245	11 1250	12 1255
Parameter			
Volume Purged (gal)			
Purge Rate (mL/min)	<u>200</u>	<u>200</u>	<u>200</u>
Depth to Water (ft. TIC)	<u>15.44</u>	<u>15.46</u>	<u>15.46</u>
pH	<u>7.28</u>	<u>7.28</u>	<u>7.28</u>
Conductance (mS/cm)	<u>0.668</u>	<u>0.661</u>	<u>0.654</u>
Turbidity	<u>13.3</u>	<u>10.9</u>	<u>11.1</u>
DO (mg/L)	<u>4.30</u>	<u>4.31</u>	<u>4.30</u>
Temp (°C)	<u>10.3</u>	<u>10.3</u>	<u>10.4</u>
ORP (mV)	<u>146</u>	<u>148</u>	<u>148</u>

SAMPLE DESTINATION

Laboratory: Severn Trent Laboratories, Buffalo, NY
Shipped Via: ☐ Federal Express ☐ UPS

Sample was ☒ shipped day of sampling
☐ sent on _____

Chain of Custody Signed By: ADR

Attachment 2

Form 1 Analytical Data Reports

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

16/479

Client No.

Lab Name: STL Buffalo

Contract: _____

MW-1

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

Matrix: (soil/water) WATER

Lab Sample ID: A5346301

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: P2273.RR

Level: (low/med) LOW

Date Samp/Recv: 04/11/2005 04/12/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 04/19/2005

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

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	5.0	U
71-43-2-----	Benzene	1.0	U
75-27-4-----	Bromodichloromethane	1.0	U
75-25-2-----	Bromoform	1.0	U
74-83-9-----	Bromomethane	1.0	U
78-93-3-----	2-Butanone	5.0	U
75-15-0-----	Carbon Disulfide	1.0	U
56-23-5-----	Carbon Tetrachloride	1.0	U
108-90-7-----	Chlorobenzene	1.0	U
75-00-3-----	Chloroethane	1.0	U
67-66-3-----	Chloroform	1.0	U
74-87-3-----	Chloromethane	1.0	U
110-82-7-----	Cyclohexane	1.0	U
106-93-4-----	1,2-Dibromoethane	1.0	U
124-48-1-----	Dibromochloromethane	1.0	U
96-12-8-----	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1-----	1,2-Dichlorobenzene	1.0	U
541-73-1-----	1,3-Dichlorobenzene	1.0	U
106-46-7-----	1,4-Dichlorobenzene	1.0	U
75-71-8-----	Dichlorodifluoromethane	1.0	U
75-34-3-----	1,1-Dichloroethane	1.0	U
107-06-2-----	1,2-Dichloroethane	1.0	U
75-35-4-----	1,1-Dichloroethene	0.51	J
156-59-2-----	cis-1,2-Dichloroethene	50	E
156-60-5-----	trans-1,2-Dichloroethene	1.1	
78-87-5-----	1,2-Dichloropropane	1.0	U
10061-01-5----	cis-1,3-Dichloropropene	1.0	U
10061-02-6----	trans-1,3-Dichloropropene	1.0	U
100-41-4-----	Ethylbenzene	1.0	U
591-78-6-----	2-Hexanone	5.0	U
98-82-8-----	Isopropylbenzene	1.0	U
79-20-9-----	Methyl acetate	1.0	U
108-87-2-----	Methylcyclohexane	1.0	U
75-09-2-----	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

17/479

Client No.

MW-1

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5346301

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: P2273.RR

Level: (low/med) LOW

Date Samp/Recv: 04/11/2005 04/12/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 04/19/2005

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

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-10-1-----	4-Methyl-2-pentanone	5.0	U
1634-04-4----	Methyl-t-Butyl Ether (MTBE)	1.0	U
100-42-5-----	Styrene	1.0	U
79-34-5-----	1,1,2,2-Tetrachloroethane	1.2	
127-18-4-----	Tetrachloroethene	4.6	
108-88-3-----	Toluene	1.0	U
120-82-1-----	1,2,4-Trichlorobenzene	1.0	U
71-55-6-----	1,1,1-Trichloroethane	1.0	U
79-00-5-----	1,1,2-Trichloroethane	1.0	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4-----	Trichlorofluoromethane	1.0	U
79-01-6-----	Trichloroethene	17	
75-01-4-----	Vinyl chloride	1.0	U
1330-20-7-----	Total Xylenes	3.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

18/479

Client No.

Lab Name: STL Buffalo

Contract: _____

MW-1 DL

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

Matrix: (soil/water) WATER

Lab Sample ID: A5346301DL

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: P2287.RR

Level: (low/med) LOW

Date Samp/Recv: 04/11/2005 04/12/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 04/20/2005

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

Dilution Factor: 2.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
67-64-1-----	Acetone	10	U	
71-43-2-----	Benzene	2.0	U	
75-27-4-----	Bromodichloromethane	2.0	U	
75-25-2-----	Bromoform	2.0	U	
74-83-9-----	Bromomethane	2.0	U	
78-93-3-----	2-Butanone	10	U	
75-15-0-----	Carbon Disulfide	2.0	U	
56-23-5-----	Carbon Tetrachloride	2.0	U	
108-90-7-----	Chlorobenzene	2.0	U	
75-00-3-----	Chloroethane	2.0	U	
67-66-3-----	Chloroform	2.0	U	
74-87-3-----	Chloromethane	2.0	U	
110-82-7-----	Cyclohexane	2.0	U	
106-93-4-----	1,2-Dibromoethane	2.0	U	
124-48-1-----	Dibromochloromethane	2.0	U	
96-12-8-----	1,2-Dibromo-3-chloropropane	2.0	U	
95-50-1-----	1,2-Dichlorobenzene	2.0	U	
541-73-1-----	1,3-Dichlorobenzene	2.0	U	
106-46-7-----	1,4-Dichlorobenzene	2.0	U	
75-71-8-----	Dichlorodifluoromethane	2.0	U	
75-34-3-----	1,1-Dichloroethane	2.0	U	
107-06-2-----	1,2-Dichloroethane	2.0	U	
75-35-4-----	1,1-Dichloroethene	0.48	DJ	
156-59-2-----	cis-1,2-Dichloroethene	50	D	
156-60-5-----	trans-1,2-Dichloroethene	2.0	U	
78-87-5-----	1,2-Dichloropropane	2.0	U	
10061-01-5----	cis-1,3-Dichloropropene	2.0	U	
10061-02-6----	trans-1,3-Dichloropropene	2.0	U	
100-41-4-----	Ethylbenzene	2.0	U	
591-78-6-----	2-Hexanone	10	U	
98-82-8-----	Isopropylbenzene	2.0	U	
79-20-9-----	Methyl acetate	2.0	U	
108-87-2-----	Methylcyclohexane	2.0	U	
75-09-2-----	Methylene chloride	2.0	U	

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

19/479

Client No.

MW-1 DL

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5346301DL

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: P2287.RR

Level: (low/med) LOW Date Samp/Recv: 04/11/2005 04/12/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 04/20/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 2.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-10-1-----	4-Methyl-2-pentanone	10	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	2.0	U
100-42-5-----	Styrene	2.0	U
79-34-5-----	1,1,2,2-Tetrachloroethane	1.2	DJ
127-18-4-----	Tetrachloroethene	4.3	D
108-88-3-----	Toluene	2.0	U
120-82-1-----	1,2,4-Trichlorobenzene	2.0	U
71-55-6-----	1,1,1-Trichloroethane	2.0	U
79-00-5-----	1,1,2-Trichloroethane	2.0	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	U
75-69-4-----	Trichlorofluoromethane	2.0	U
79-01-6-----	Trichloroethene	17	D
75-01-4-----	Vinyl chloride	2.0	U
1330-20-7-----	Total Xylenes	6.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

20/479

Client No.

Lab Name: STL Buffalo

Contract: _____

MW-2

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

Matrix: (soil/water) WATER

Lab Sample ID: A5346302

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: P2276.RR

Level: (low/med) LOW

Date Samp/Recv: 04/12/2005 04/12/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 04/19/2005

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

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	5.0	U
71-43-2-----	Benzene	1.7	
75-27-4-----	Bromodichloromethane	1.0	U
75-25-2-----	Bromoform	1.0	U
74-83-9-----	Bromomethane	1.0	U
78-93-3-----	2-Butanone	5.0	U
75-15-0-----	Carbon Disulfide	1.0	U
56-23-5-----	Carbon Tetrachloride	1.0	U
108-90-7-----	Chlorobenzene	0.84	J
75-00-3-----	Chloroethane	1.0	U
67-66-3-----	Chloroform	1.0	U
74-87-3-----	Chloromethane	1.0	U
110-82-7-----	Cyclohexane	0.25	J
106-93-4-----	1,2-Dibromoethane	1.0	U
124-48-1-----	Dibromochloromethane	1.0	U
96-12-8-----	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1-----	1,2-Dichlorobenzene	0.98	J
541-73-1-----	1,3-Dichlorobenzene	0.92	J
106-46-7-----	1,4-Dichlorobenzene	1.3	
75-71-8-----	Dichlorodifluoromethane	1.0	U
75-34-3-----	1,1-Dichloroethane	1.0	U
107-06-2-----	1,2-Dichloroethane	1.0	U
75-35-4-----	1,1-Dichloroethene	1.0	U
156-59-2-----	cis-1,2-Dichloroethene	11	
156-60-5-----	trans-1,2-Dichloroethene	1.0	U
78-87-5-----	1,2-Dichloropropane	1.0	U
10061-01-5----	cis-1,3-Dichloropropene	1.0	U
10061-02-6----	trans-1,3-Dichloropropene	1.0	U
100-41-4-----	Ethylbenzene	1.0	U
591-78-6-----	2-Hexanone	5.0	U
98-82-8-----	Isopropylbenzene	1.0	U
79-20-9-----	Methyl acetate	1.0	U
108-87-2-----	Methylcyclohexane	0.39	J
75-09-2-----	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

21/479

Client No.

MW-2

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5346302

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: P2276.RR

Level: (low/med) LOW

Date Samp/Recv: 04/12/2005 04/12/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 04/19/2005

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

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-10-1-----	4-Methyl-2-pentanone	5.0	U
1634-04-4----	Methyl-t-Butyl Ether (MTBE)	1.0	U
100-42-5-----	Styrene	1.0	U
79-34-5-----	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4-----	Tetrachloroethene	1.0	U
108-88-3-----	Toluene	1.0	U
120-82-1-----	1,2,4-Trichlorobenzene	0.31	J
71-55-6-----	1,1,1-Trichloroethane	1.0	U
79-00-5-----	1,1,2-Trichloroethane	1.0	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4-----	Trichlorofluoromethane	1.0	U
79-01-6-----	Trichloroethene	1.0	U
75-01-4-----	Vinyl chloride	12	
1330-20-7-----	Total Xylenes	3.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

22/479

Client No.

MW-3S

Lab Name: STL Buffalo

Contract: _____

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

Matrix: (soil/water) WATER

Lab Sample ID: A5346303

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: P2277.RR

Level: (low/med) LOW

Date Samp/Recv: 04/12/2005 04/12/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 04/19/2005

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

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	5.0	U
71-43-2-----	Benzene	1.0	U
75-27-4-----	Bromodichloromethane	1.0	U
75-25-2-----	Bromoform	1.0	U
74-83-9-----	Bromomethane	1.0	U
78-93-3-----	2-Butanone	5.0	U
75-15-0-----	Carbon Disulfide	1.0	U
56-23-5-----	Carbon Tetrachloride	1.0	U
108-90-7-----	Chlorobenzene	1.0	U
75-00-3-----	Chloroethane	1.0	U
67-66-3-----	Chloroform	1.0	U
74-87-3-----	Chloromethane	1.0	U
110-82-7-----	Cyclohexane	1.0	U
106-93-4-----	1,2-Dibromoethane	1.0	U
124-48-1-----	Dibromochloromethane	1.0	U
96-12-8-----	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1-----	1,2-Dichlorobenzene	1.0	U
541-73-1-----	1,3-Dichlorobenzene	1.0	U
106-46-7-----	1,4-Dichlorobenzene	1.0	U
75-71-8-----	Dichlorodifluoromethane	1.0	U
75-34-3-----	1,1-Dichloroethane	1.0	U
107-06-2-----	1,2-Dichloroethane	1.0	U
75-35-4-----	1,1-Dichloroethene	1.0	U
156-59-2-----	cis-1,2-Dichloroethene	1.6	
156-60-5-----	trans-1,2-Dichloroethene	1.0	U
78-87-5-----	1,2-Dichloropropane	1.0	U
10061-01-5----	cis-1,3-Dichloropropene	1.0	U
10061-02-6----	trans-1,3-Dichloropropene	1.0	U
100-41-4-----	Ethylbenzene	1.0	U
591-78-6-----	2-Hexanone	5.0	U
98-82-8-----	Isopropylbenzene	1.0	U
79-20-9-----	Methyl acetate	1.0	U
108-87-2-----	Methylcyclohexane	1.0	U
75-09-2-----	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

23/479

Client No.

MW-3S

Lab Name: STL Buffalo

Contract: _____

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

Matrix: (soil/water) WATER

Lab Sample ID: A5346303

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: P2277.RR

Level: (low/med) LOW

Date Samp/Recv: 04/12/2005 04/12/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 04/19/2005

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

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/L
108-10-1-----	4-Methyl-2-pentanone	5.0	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	1.0	U
100-42-5-----	Styrene	1.0	U
79-34-5-----	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4-----	Tetrachloroethene	0.80	J
108-88-3-----	Toluene	1.0	U
120-82-1-----	1,2,4-Trichlorobenzene	1.0	U
71-55-6-----	1,1,1-Trichloroethane	1.0	U
79-00-5-----	1,1,2-Trichloroethane	1.0	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4-----	Trichlorofluoromethane	1.0	U
79-01-6-----	Trichloroethene	2.2	
75-01-4-----	Vinyl chloride	1.0	U
1330-20-7-----	Total Xylenes	3.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

24/479

Client No.

Lab Name: STL Buffalo

Contract: _____

MW-4

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

Matrix: (soil/water) WATER

Lab Sample ID: A5346304

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: P2278.RR

Level: (low/med) LOW

Date Samp/Recv: 04/12/2005 04/12/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 04/19/2005

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

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	5.0	U
71-43-2-----	Benzene	1.0	U
75-27-4-----	Bromodichloromethane	1.0	U
75-25-2-----	Bromoform	1.0	U
74-83-9-----	Bromomethane	1.0	U
78-93-3-----	2-Butanone	5.0	U
75-15-0-----	Carbon Disulfide	1.0	U
56-23-5-----	Carbon Tetrachloride	1.0	U
108-90-7-----	Chlorobenzene	1.0	U
75-00-3-----	Chloroethane	1.0	U
67-66-3-----	Chloroform	1.0	U
74-87-3-----	Chloromethane	1.0	U
110-82-7-----	Cyclohexane	1.0	U
106-93-4-----	1,2-Dibromoethane	1.0	U
124-48-1-----	Dibromochloromethane	1.0	U
96-12-8-----	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1-----	1,2-Dichlorobenzene	1.0	U
541-73-1-----	1,3-Dichlorobenzene	1.0	U
106-46-7-----	1,4-Dichlorobenzene	1.0	U
75-71-8-----	Dichlorodifluoromethane	1.0	U
75-34-3-----	1,1-Dichloroethane	1.0	U
107-06-2-----	1,2-Dichloroethane	1.0	U
75-35-4-----	1,1-Dichloroethene	1.0	U
156-59-2-----	cis-1,2-Dichloroethene	1.0	U
156-60-5-----	trans-1,2-Dichloroethene	1.0	U
78-87-5-----	1,2-Dichloropropane	1.0	U
10061-01-5----	cis-1,3-Dichloropropene	1.0	U
10061-02-6----	trans-1,3-Dichloropropene	1.0	U
100-41-4-----	Ethylbenzene	1.0	U
591-78-6-----	2-Hexanone	5.0	U
98-82-8-----	Isopropylbenzene	1.0	U
79-20-9-----	Methyl acetate	1.0	U
108-87-2-----	Methylcyclohexane	1.0	U
75-09-2-----	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

25/479

Client No.

MW-4

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5346304

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: P2278.RR

Level: (low/med) LOW Date Samp/Recv: 04/12/2005 04/12/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 04/19/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-10-1-----	4-Methyl-2-pentanone	5.0	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	1.0	U
100-42-5-----	Styrene	1.0	U
79-34-5-----	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4-----	Tetrachloroethene	1.0	U
108-88-3-----	Toluene	1.0	U
120-82-1-----	1,2,4-Trichlorobenzene	1.0	U
71-55-6-----	1,1,1-Trichloroethane	1.0	U
79-00-5-----	1,1,2-Trichloroethane	1.0	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4-----	Trichlorofluoromethane	1.0	U
79-01-6-----	Trichloroethene	1.0	U
75-01-4-----	Vinyl chloride	1.0	U
1330-20-7-----	Total Xylenes	3.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

14/479

Client No.

Lab Name: STL Buffalo

Contract: _____

FD041205 (MW-4)

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

Matrix: (soil/water) WATER

Lab Sample ID: A5346309

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: P2289.RR

Level: (low/med) LOW

Date Samp/Recv: 04/12/2005 04/12/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 04/20/2005

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

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/L	
67-64-1-----	Acetone	5.0	U	
71-43-2-----	Benzene	1.0	U	
75-27-4-----	Bromodichloromethane	1.0	U	
75-25-2-----	Bromoform	1.0	U	
74-83-9-----	Bromomethane	1.0	U	
78-93-3-----	2-Butanone	5.0	U	
75-15-0-----	Carbon Disulfide	1.0	U	
56-23-5-----	Carbon Tetrachloride	1.0	U	
108-90-7-----	Chlorobenzene	1.0	U	
75-00-3-----	Chloroethane	1.0	U	
67-66-3-----	Chloroform	1.0	U	
74-87-3-----	Chloromethane	1.0	U	
110-82-7-----	Cyclohexane	1.0	U	
106-93-4-----	1,2-Dibromoethane	1.0	U	
124-48-1-----	Dibromochloromethane	1.0	U	
96-12-8-----	1,2-Dibromo-3-chloropropane	1.0	U	
95-50-1-----	1,2-Dichlorobenzene	1.0	U	
541-73-1-----	1,3-Dichlorobenzene	1.0	U	
106-46-7-----	1,4-Dichlorobenzene	1.0	U	
75-71-8-----	Dichlorodifluoromethane	1.0	U	
75-34-3-----	1,1-Dichloroethane	1.0	U	
107-06-2-----	1,2-Dichloroethane	1.0	U	
75-35-4-----	1,1-Dichloroethene	1.0	U	
156-59-2-----	cis-1,2-Dichloroethene	1.0	U	
156-60-5-----	trans-1,2-Dichloroethene	1.0	U	
78-87-5-----	1,2-Dichloropropane	1.0	U	
10061-01-5----	cis-1,3-Dichloropropene	1.0	U	
10061-02-6----	trans-1,3-Dichloropropene	1.0	U	
100-41-4-----	Ethylbenzene	1.0	U	
591-78-6-----	2-Hexanone	5.0	U	
98-82-8-----	Isopropylbenzene	1.0	U	
79-20-9-----	Methyl acetate	1.0	U	
108-87-2-----	Methylcyclohexane	1.0	U	
75-09-2-----	Methylene chloride	1.0	U	

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

15/479

Client No.

FD041205 (MW-4)

Lab Name: STL Buffalo

Contract: _____

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

Matrix: (soil/water) WATER

Lab Sample ID: A5346309

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: P2289.RR

Level: (low/med) LOW

Date Samp/Recv: 04/12/2005 04/12/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 04/20/2005

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

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-10-1-----	4-Methyl-2-pentanone	5.0	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	1.0	U
100-42-5-----	Styrene	1.0	U
79-34-5-----	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4-----	Tetrachloroethene	1.0	U
108-88-3-----	Toluene	1.0	U
120-82-1-----	1,2,4-Trichlorobenzene	1.0	U
71-55-6-----	1,1,1-Trichloroethane	1.0	U
79-00-5-----	1,1,2-Trichloroethane	1.0	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4-----	Trichlorofluoromethane	1.0	U
79-01-6-----	Trichloroethene	1.0	U
75-01-4-----	Vinyl chloride	1.0	U
1330-20-7-----	Total Xylenes	3.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

26/479

Client No.

Lab Name: STL Buffalo

Contract: _____

MW-5

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5346305

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: P2279.RR

Level: (low/med) LOW

Date Samp/Recv: 04/12/2005 04/12/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 04/19/2005

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

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/L
67-64-1-----	Acetone	5.0	U
71-43-2-----	Benzene	1.0	U
75-27-4-----	Bromodichloromethane	1.0	U
75-25-2-----	Bromoform	1.0	U
74-83-9-----	Bromomethane	1.0	U
78-93-3-----	2-Butanone	5.0	U
75-15-0-----	Carbon Disulfide	1.0	U
56-23-5-----	Carbon Tetrachloride	1.0	U
108-90-7-----	Chlorobenzene	0.25	J
75-00-3-----	Chloroethane	1.0	U
67-66-3-----	Chloroform	1.0	U
74-87-3-----	Chloromethane	1.0	U
110-82-7-----	Cyclohexane	1.0	U
106-93-4-----	1,2-Dibromoethane	1.0	U
124-48-1-----	Dibromochloromethane	1.0	U
96-12-8-----	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1-----	1,2-Dichlorobenzene	1.0	U
541-73-1-----	1,3-Dichlorobenzene	1.0	U
106-46-7-----	1,4-Dichlorobenzene	1.0	U
75-71-8-----	Dichlorodifluoromethane	1.0	U
75-34-3-----	1,1-Dichloroethane	1.0	U
107-06-2-----	1,2-Dichloroethane	1.0	U
75-35-4-----	1,1-Dichloroethene	1.0	U
156-59-2-----	cis-1,2-Dichloroethene	6.4	
156-60-5-----	trans-1,2-Dichloroethene	1.0	U
78-87-5-----	1,2-Dichloropropane	1.0	U
10061-01-5----	cis-1,3-Dichloropropene	1.0	U
10061-02-6----	trans-1,3-Dichloropropene	1.0	U
100-41-4-----	Ethylbenzene	1.0	U
591-78-6-----	2-Hexanone	5.0	U
98-82-8-----	Isopropylbenzene	1.0	U
79-20-9-----	Methyl acetate	1.0	U
108-87-2-----	Methylcyclohexane	1.0	U
75-09-2-----	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

27/479

Client No.

Lab Name: STL Buffalo

Contract: _____

MW-5

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

Matrix: (soil/water) WATER Lab Sample ID: A5346305

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: P2279.RR

Level: (low/med) LOW Date Samp/Recv: 04/12/2005 04/12/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 04/19/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
108-10-1-----	4-Methyl-2-pentanone	5.0	U	
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	1.0	U	
100-42-5-----	Styrene	1.0	U	
79-34-5-----	1,1,2,2-Tetrachloroethane	1.0	U	
127-18-4-----	Tetrachloroethene	0.27	J	
108-88-3-----	Toluene	1.0	U	
120-82-1-----	1,2,4-Trichlorobenzene	1.0	U	
71-55-6-----	1,1,1-Trichloroethane	1.0	U	
79-00-5-----	1,1,2-Trichloroethane	1.0	U	
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	
75-69-4-----	Trichlorofluoromethane	1.0	U	
79-01-6-----	Trichloroethene	0.77	J	
75-01-4-----	Vinyl chloride	1.2		
1330-20-7-----	Total Xylenes	3.0	U	

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

28/479

Client No.

Lab Name: STL Buffalo

Contract: _____

MW-6

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

Matrix: (soil/water) WATER

Lab Sample ID: A5346306

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: P2280.RR

Level: (low/med) LOW

Date Samp/Recv: 04/11/2005 04/12/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 04/19/2005

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

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	5.0	U
71-43-2-----	Benzene	1.2	
75-27-4-----	Bromodichloromethane	1.0	U
75-25-2-----	Bromoform	1.0	U
74-83-9-----	Bromomethane	1.0	U
78-93-3-----	2-Butanone	5.0	U
75-15-0-----	Carbon Disulfide	1.0	U
56-23-5-----	Carbon Tetrachloride	1.0	U
108-90-7-----	Chlorobenzene	1.2	
75-00-3-----	Chloroethane	1.0	U
67-66-3-----	Chloroform	1.0	U
74-87-3-----	Chloromethane	1.0	U
110-82-7-----	Cyclohexane	1.0	U
106-93-4-----	1,2-Dibromoethane	1.0	U
124-48-1-----	Dibromochloromethane	1.0	U
96-12-8-----	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1-----	1,2-Dichlorobenzene	1.6	
541-73-1-----	1,3-Dichlorobenzene	2.1	
106-46-7-----	1,4-Dichlorobenzene	2.9	
75-71-8-----	Dichlorodifluoromethane	1.0	U
75-34-3-----	1,1-Dichloroethane	1.0	U
107-06-2-----	1,2-Dichloroethane	1.0	U
75-35-4-----	1,1-Dichloroethene	0.75	J
156-59-2-----	cis-1,2-Dichloroethene	51	E
156-60-5-----	trans-1,2-Dichloroethene	0.32	J
78-87-5-----	1,2-Dichloropropane	1.0	U
10061-01-5----	cis-1,3-Dichloropropene	1.0	U
10061-02-6----	trans-1,3-Dichloropropene	1.0	U
100-41-4-----	Ethylbenzene	1.0	U
591-78-6-----	2-Hexanone	5.0	U
98-82-8-----	Isopropylbenzene	1.0	U
79-20-9-----	Methyl acetate	1.0	U
108-87-2-----	Methylcyclohexane	1.0	U
75-09-2-----	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

29/479

Client No.

MW-6

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A5346306

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: P2280.RR

Level: (low/med) LOW Date Samp/Recv: 04/11/2005 04/12/2005

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 04/19/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/L
108-10-1-----	4-Methyl-2-pentanone	5.0	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	1.0	U
100-42-5-----	Styrene	1.0	U
79-34-5-----	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4-----	Tetrachloroethene	1.0	U
108-88-3-----	Toluene	1.0	U
120-82-1-----	1,2,4-Trichlorobenzene	0.79	J
71-55-6-----	1,1,1-Trichloroethane	1.0	U
79-00-5-----	1,1,2-Trichloroethane	1.0	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4-----	Trichlorofluoromethane	1.0	U
79-01-6-----	Trichloroethene	1.6	
75-01-4-----	Vinyl chloride	12	
1330-20-7-----	Total Xylenes	3.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

30/479

Client No.

Lab Name: STL Buffalo

Contract: _____

MW-6 DL

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

Matrix: (soil/water) WATER

Lab Sample ID: A5346306DL

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: P2288.RR

Level: (low/med) LOW

Date Samp/Recv: 04/11/2005 04/12/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 04/20/2005

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

Dilution Factor: 2.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	10	U
71-43-2-----	Benzene	1.2	DJ
75-27-4-----	Bromodichloromethane	2.0	U
75-25-2-----	Bromoform	2.0	U
74-83-9-----	Bromomethane	2.0	U
78-93-3-----	2-Butanone	10	U
75-15-0-----	Carbon Disulfide	2.0	U
56-23-5-----	Carbon Tetrachloride	2.0	U
108-90-7-----	Chlorobenzene	1.2	DJ
75-00-3-----	Chloroethane	2.0	U
67-66-3-----	Chloroform	2.0	U
74-87-3-----	Chloromethane	2.0	U
110-82-7-----	Cyclohexane	2.0	U
106-93-4-----	1,2-Dibromoethane	2.0	U
124-48-1-----	Dibromochloromethane	2.0	U
96-12-8-----	1,2-Dibromo-3-chloropropane	2.0	U
95-50-1-----	1,2-Dichlorobenzene	1.6	DJ
541-73-1-----	1,3-Dichlorobenzene	2.1	D
106-46-7-----	1,4-Dichlorobenzene	2.8	D
75-71-8-----	Dichlorodifluoromethane	2.0	U
75-34-3-----	1,1-Dichloroethane	2.0	U
107-06-2-----	1,2-Dichloroethane	2.0	U
75-35-4-----	1,1-Dichloroethene	0.73	DJ
156-59-2-----	cis-1,2-Dichloroethene	51	D
156-60-5-----	trans-1,2-Dichloroethene	2.0	U
78-87-5-----	1,2-Dichloropropane	2.0	U
10061-01-5----	cis-1,3-Dichloropropene	2.0	U
10061-02-6----	trans-1,3-Dichloropropene	2.0	U
100-41-4-----	Ethylbenzene	2.0	U
591-78-6-----	2-Hexanone	10	U
98-82-8-----	Isopropylbenzene	2.0	U
79-20-9-----	Methyl acetate	2.0	U
108-87-2-----	Methylcyclohexane	2.0	U
75-09-2-----	Methylene chloride	2.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

31/479

Client No.

Lab Name: STL Buffalo

Contract: _____

MW-6 DL

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

Matrix: (soil/water) WATER Lab Sample ID: A5346306DL

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: P2288.RR

Level: (low/med) LOW Date Samp/Recv: 04/11/2005 04/12/2005

% Moisture: not dec: _____ Heated Purge: N Date Analyzed: 04/20/2005

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 2.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
108-10-1-----	4-Methyl-2-pentanone	10	U	
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	2.0	U	
100-42-5-----	Styrene	2.0	U	
79-34-5-----	1,1,2,2-Tetrachloroethane	2.0	U	
127-18-4-----	Tetrachloroethene	2.0	U	
108-88-3-----	Toluene	2.0	U	
120-82-1-----	1,2,4-Trichlorobenzene	0.76	DJ	
71-55-6-----	1,1,1-Trichloroethane	2.0	U	
79-00-5-----	1,1,2-Trichloroethane	2.0	U	
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	U	
75-69-4-----	Trichlorofluoromethane	2.0	U	
79-01-6-----	Trichloroethene	1.6	DJ	
75-01-4-----	Vinyl chloride	12	D	
1330-20-7-----	Total Xylenes	6.0	U	

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

32/479

Client No.

Lab Name: STL Buffalo

Contract: _____

MW-7

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

Matrix: (soil/water) WATER

Lab Sample ID: A5346307

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: P2291.RR

Level: (low/med) LOW

Date Samp/Recv: 04/11/2005 04/12/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 04/20/2005

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

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	5.0	U
71-43-2-----	Benzene	26	
75-27-4-----	Bromodichloromethane	1.0	U
75-25-2-----	Bromoform	1.0	U
74-83-9-----	Bromomethane	1.0	U
78-93-3-----	2-Butanone	5.0	U
75-15-0-----	Carbon Disulfide	1.0	U
56-23-5-----	Carbon Tetrachloride	1.0	U
108-90-7-----	Chlorobenzene	7.7	
75-00-3-----	Chloroethane	1.0	U
67-66-3-----	Chloroform	1.0	U
74-87-3-----	Chloromethane	1.0	U
110-82-7-----	Cyclohexane	1.0	U
106-93-4-----	1,2-Dibromoethane	1.0	U
124-48-1-----	Dibromochloromethane	1.0	U
96-12-8-----	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1-----	1,2-Dichlorobenzene	1.2	
541-73-1-----	1,3-Dichlorobenzene	3.4	
106-46-7-----	1,4-Dichlorobenzene	3.2	
75-71-8-----	Dichlorodifluoromethane	1.0	U
75-34-3-----	1,1-Dichloroethane	1.0	U
107-06-2-----	1,2-Dichloroethane	1.0	U
75-35-4-----	1,1-Dichloroethene	0.20	J
156-59-2-----	cis-1,2-Dichloroethene	9.3	
156-60-5-----	trans-1,2-Dichloroethene	1.0	U
78-87-5-----	1,2-Dichloropropane	1.0	U
10061-01-5----	cis-1,3-Dichloropropene	1.0	U
10061-02-6----	trans-1,3-Dichloropropene	1.0	U
100-41-4-----	Ethylbenzene	1.0	U
591-78-6-----	2-Hexanone	5.0	U
98-82-8-----	Isopropylbenzene	1.0	U
79-20-9-----	Methyl acetate	1.0	U
108-87-2-----	Methylcyclohexane	1.0	U
75-09-2-----	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

33/479

Client No.

MW-7

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5346307

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: P2291.RR

Level: (low/med) LOW

Date Samp/Recv: 04/11/2005 04/12/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 04/20/2005

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

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
108-10-1-----	4-Methyl-2-pentanone	5.0	U	
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	1.0	U	
100-42-5-----	Styrene	1.0	U	
79-34-5-----	1,1,2,2-Tetrachloroethane	1.0	U	
127-18-4-----	Tetrachloroethene	1.0	U	
108-88-3-----	Toluene	1.0	U	
120-82-1-----	1,2,4-Trichlorobenzene	1.0	U	
71-55-6-----	1,1,1-Trichloroethane	1.0	U	
79-00-5-----	1,1,2-Trichloroethane	1.0	U	
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	
75-69-4-----	Trichlorofluoromethane	1.0	U	
79-01-6-----	Trichloroethene	0.55	J	
75-01-4-----	Vinyl chloride	12		
1330-20-7-----	Total Xylenes	3.0	U	

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

34/479

Client No.

MW-8

Lab Name: STL Buffalo

Contract: _____

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

Matrix: (soil/water) WATER

Lab Sample ID: A5346308

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: P2290.RR

Level: (low/med) LOW

Date Samp/Recv: 04/12/2005 04/12/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 04/20/2005

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

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	5.0	U
71-43-2-----	Benzene	1.0	U
75-27-4-----	Bromodichloromethane	1.0	U
75-25-2-----	Bromoform	1.0	U
74-83-9-----	Bromomethane	1.0	U
78-93-3-----	2-Butanone	5.0	U
75-15-0-----	Carbon Disulfide	1.0	U
56-23-5-----	Carbon Tetrachloride	1.0	U
108-90-7-----	Chlorobenzene	1.0	U
75-00-3-----	Chloroethane	1.0	U
67-66-3-----	Chloroform	1.0	U
74-87-3-----	Chloromethane	1.0	U
110-82-7-----	Cyclohexane	1.0	U
106-93-4-----	1,2-Dibromoethane	1.0	U
124-48-1-----	Dibromochloromethane	1.0	U
96-12-8-----	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1-----	1,2-Dichlorobenzene	1.0	U
541-73-1-----	1,3-Dichlorobenzene	1.0	U
106-46-7-----	1,4-Dichlorobenzene	1.0	U
75-71-8-----	Dichlorodifluoromethane	1.0	U
75-34-3-----	1,1-Dichloroethane	1.0	U
107-06-2-----	1,2-Dichloroethane	1.0	U
75-35-4-----	1,1-Dichloroethene	1.0	U
156-59-2-----	cis-1,2-Dichloroethene	3.0	
156-60-5-----	trans-1,2-Dichloroethene	1.0	U
78-87-5-----	1,2-Dichloropropane	1.0	U
10061-01-5----	cis-1,3-Dichloropropene	1.0	U
10061-02-6----	trans-1,3-Dichloropropene	1.0	U
100-41-4-----	Ethylbenzene	1.0	U
591-78-6-----	2-Hexanone	5.0	U
98-82-8-----	Isopropylbenzene	1.0	U
79-20-9-----	Methyl acetate	1.0	U
108-87-2-----	Methylcyclohexane	1.0	U
75-09-2-----	Methylene chloride	1.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

35/479

Client No.

MW-8

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5346308

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: P2290.RR

Level: (low/med) LOW

Date Samp/Recv: 04/12/2005 04/12/2005

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 04/20/2005

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

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-10-1-----	4-Methyl-2-pentanone	5.0	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	1.0	U
100-42-5-----	Styrene	1.0	U
79-34-5-----	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4-----	Tetrachloroethene	0.54	J
108-88-3-----	Toluene	1.0	U
120-82-1-----	1,2,4-Trichlorobenzene	1.0	U
71-55-6-----	1,1,1-Trichloroethane	1.0	U
79-00-5-----	1,1,2-Trichloroethane	1.0	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4-----	Trichlorofluoromethane	1.0	U
79-01-6-----	Trichloroethene	2.0	
75-01-4-----	Vinyl chloride	1.0	U
1330-20-7-----	Total Xylenes	3.0	U

METHOD 8082 - PCB'S (LOW LEVEL)
ANALYSIS DATA SHEET

39/479

Client No.

Lab Name: STL Buffalo

Contract: _____

MW-1

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

Matrix: (soil/water) WATER

Lab Sample ID: A5346301

Sample wt/vol: 1000.00 (g/mL) ML

Lab File ID: 12A09151.TX0

% Moisture: _____ decanted: (Y/N) N

Date Samp/Recv: 04/11/2005 04/12/2005

Extraction: (SepF/Cont/Sonc/Soxh): SEPF

Date Extracted: 04/12/2005

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 04/13/2005

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00

Sulfur Cleanup: (Y/N) N

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

12674-11-2----	Aroclor 1016	0.050	U
11104-28-2----	Aroclor 1221	0.050	U
11141-16-5----	Aroclor 1232	0.050	U
53469-21-9----	Aroclor 1242	0.050	U
12672-29-6----	Aroclor 1248	0.46	
11097-69-1----	Aroclor 1254	0.050	U
11096-82-5----	Aroclor 1260	0.050	U

METHOD 8082 - PCB'S (LOW LEVEL)
ANALYSIS DATA SHEET

40/479

Client No.

Lab Name: STL Buffalo

Contract: _____

MW-2

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

Matrix: (soil/water) WATER

Lab Sample ID: A5346302

Sample wt/vol: 1040.00 (g/mL) ML

Lab File ID: 12A09154.TX0

% Moisture: _____ decanted: (Y/N) N

Date Samp/Recv: 04/12/2005 04/12/2005

Extraction: (SepF/Cont/Sonc/Soxh): SEPF

Date Extracted: 04/12/2005

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 04/13/2005

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Q

CAS NO.	COMPOUND		
12674-11-2----	Aroclor 1016	0.048	U
11104-28-2----	Aroclor 1221	0.048	U
11141-16-5----	Aroclor 1232	0.048	U
53469-21-9----	Aroclor 1242	0.048	U
12672-29-6----	Aroclor 1248	0.048	U
11097-69-1----	Aroclor 1254	0.048	U
11096-82-5----	Aroclor 1260	0.048	U

METHOD 8082 - PCB'S (LOW LEVEL)
ANALYSIS DATA SHEET

41/479

Client No.

MW-3S

Lab Name: STL Buffalo

Contract: _____

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

Matrix: (soil/water) WATER

Lab Sample ID: A5346303

Sample wt/vol: 1040.00 (g/mL) ML

Lab File ID: 12A09155.TX0

% Moisture: _____ decanted: (Y/N) N

Date Samp/Recv: 04/12/2005 04/12/2005

Extraction: (SepF/Cont/Sonc/Soxh): SEPF

Date Extracted: 04/12/2005

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 04/13/2005

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/L

Q

12674-11-2----	Aroclor 1016	0.048	U
11104-28-2----	Aroclor 1221	0.048	U
11141-16-5----	Aroclor 1232	0.048	U
53469-21-9----	Aroclor 1242	0.048	U
12672-29-6----	Aroclor 1248	0.048	U
11097-69-1----	Aroclor 1254	0.048	U
11096-82-5----	Aroclor 1260	0.048	U

METHOD 8082 - PCB'S (LOW LEVEL)
ANALYSIS DATA SHEET

42/479

Client No.

Lab Name: STL Buffalo

Contract: _____

MW-4

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

Matrix: (soil/water) WATER

Lab Sample ID: A5346304

Sample wt/vol: 1055.00 (g/mL) ML

Lab File ID: 12A09156.TX0

% Moisture: _____ decanted: (Y/N) N

Date Samp/Recv: 04/12/2005 04/12/2005

Extraction: (SepF/Cont/Sonc/Soxh): SEPF

Date Extracted: 04/12/2005

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 04/13/2005

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Q

CAS NO.	COMPOUND		
12674-11-2----	Aroclor 1016	0.047	U
11104-28-2----	Aroclor 1221	0.047	U
11141-16-5----	Aroclor 1232	0.047	U
53469-21-9----	Aroclor 1242	0.047	U
12672-29-6----	Aroclor 1248	0.047	U
11097-69-1----	Aroclor 1254	0.047	U
11096-82-5----	Aroclor 1260	0.047	U

METHOD 8082 - PCB'S (LOW LEVEL)
ANALYSIS DATA SHEET

38/479

Client No.

FD041205 (MW-4)

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5346309

Sample wt/vol: 1050.00 (g/mL) ML

Lab File ID: 12A09163.TX0

% Moisture: _____ decanted: (Y/N) N

Date Samp/Recv: 04/12/2005 04/12/2005

Extraction: (SepF/Cont/Sonc/Soxh): SEPF

Date Extracted: 04/12/2005

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 04/13/2005

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Q

CAS NO.	COMPOUND		
12674-11-2----	Aroclor 1016	0.048	U
11104-28-2----	Aroclor 1221	0.048	U
11141-16-5----	Aroclor 1232	0.048	U
53469-21-9----	Aroclor 1242	0.048	U
12672-29-6----	Aroclor 1248	0.024	J
11097-69-1----	Aroclor 1254	0.048	U
11096-82-5----	Aroclor 1260	0.048	U

METHOD 8082 - PCB'S (LOW LEVEL)
ANALYSIS DATA SHEET

43/479

Client No.

Lab Name: STL Buffalo

Contract: _____

MW-5

Lab Code: RECN

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5346305

Sample wt/vol: 1045.00 (g/mL) ML

Lab File ID: 12A09157.TX0

% Moisture: _____ decanted: (Y/N) N

Date Samp/Recv: 04/12/2005 04/12/2005

Extraction: (SepF/Cont/Sonc/Soxh): SEPF

Date Extracted: 04/12/2005

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 04/13/2005

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Q

CAS NO.	COMPOUND		
12674-11-2----	Aroclor 1016	0.048	U
11104-28-2----	Aroclor 1221	0.048	U
11141-16-5----	Aroclor 1232	0.048	U
53469-21-9----	Aroclor 1242	0.048	U
12672-29-6----	Aroclor 1248	0.048	U
11097-69-1----	Aroclor 1254	0.048	U
11096-82-5----	Aroclor 1260	0.048	U

METHOD 8082 - PCB'S (LOW LEVEL)
ANALYSIS DATA SHEET

44/479

Client No.

MW-6

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5346306

Sample wt/vol: 1060.00 (g/mL) ML

Lab File ID: 12A09160.TX0

% Moisture: _____ decanted: (Y/N) N

Date Samp/Recv: 04/11/2005 04/12/2005

Extraction: (SepF/Cont/Sonc/Soxh): SEPF

Date Extracted: 04/12/2005

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 04/13/2005

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Q

CAS NO.	COMPOUND		
12674-11-2----	Aroclor 1016	0.047	U
11104-28-2----	Aroclor 1221	0.047	U
11141-16-5----	Aroclor 1232	0.047	U
53469-21-9----	Aroclor 1242	0.047	U
12672-29-6----	Aroclor 1248	0.047	U
11097-69-1----	Aroclor 1254	0.047	U
11096-82-5----	Aroclor 1260	0.047	U

METHOD 8082 - PCB'S (LOW LEVEL)
ANALYSIS DATA SHEET

45/479

Client No.

MW-7

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A5346307

Sample wt/vol: 1055.00 (g/mL) ML

Lab File ID: 12A09161.TX0

% Moisture: _____ decanted: (Y/N) N

Date Samp/Recv: 04/11/2005 04/12/2005

Extraction: (SepF/Cont/Sonc/Soxh): SEPF

Date Extracted: 04/12/2005

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 04/13/2005

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Q

CAS NO.	COMPOUND		
12674-11-2----	Aroclor 1016	0.047	U
11104-28-2----	Aroclor 1221	0.047	U
11141-16-5----	Aroclor 1232	0.047	U
53469-21-9----	Aroclor 1242	0.047	U
12672-29-6----	Aroclor 1248	0.047	U
11097-69-1----	Aroclor 1254	0.047	U
11096-82-5----	Aroclor 1260	0.047	U

METHOD 8082 - PCB'S (LOW LEVEL)
ANALYSIS DATA SHEET

46/479

Client No.

MW-8

Lab Name: STL Buffalo

Contract: _____

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

Matrix: (soil/water) WATER

Lab Sample ID: A5346308

Sample wt/vol: 1050.00 (g/mL) ML

Lab File ID: 12A09162.TX0

% Moisture: _____ decanted: (Y/N) N

Date Samp/Recv: 04/12/2005 04/12/2005

Extraction: (SepF/Cont/Sonc/Soxh): SEPF

Date Extracted: 04/12/2005

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 04/13/2005

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Q

CAS NO.	COMPOUND		
12674-11-2----	Aroclor 1016	0.048	U
11104-28-2----	Aroclor 1221	0.048	U
11141-16-5----	Aroclor 1232	0.048	U
53469-21-9----	Aroclor 1242	0.048	U
12672-29-6----	Aroclor 1248	0.048	U
11097-69-1----	Aroclor 1254	0.048	U
11096-82-5----	Aroclor 1260	0.048	U