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A Member of The IT Group

August 30, 2001

Mr. Bert W. Finch
New York State Electric & Gas Corporation
Corporate Drive, Kirkwood Industrial Park
P.O. Box 5224
Binghamton, New York 13902-5224

Subject: **Semi-Annual Status Report – January, 2001 to June, 2001**
Air Sparge/SVE System - Operation & Maintenance
Norwich Former MGP Site
Birdsall Road, Norwich, New York
IT Corporation Project: 108196

Dear Mr. Finch;

This status report details the operational status of the Air Sparge/Soil Vapor Extraction treatment system at the Norwich former MGP Site. This semi-annual status report covers the period from January 1, 2001 through June 30, 2001.

Total run time for the air sparge and soil vapor extraction (SVE) system during the current reporting period was approximately 63%. Equipment malfunctions contributed to several periods of system downtime during the current reporting period. The downtime in January (26 days) was due to the failure of the heat exchanger fan motor. The need for the replacement of the SVE discharge hose was observed during the March visit and was subsequently repaired during the April visit, which attributed to the 27 days of downtime recorded during April. The discharge hose was deemed unsafe for continued system operation until replacement material could be obtained. Remaining downtime for the reporting period was due to normal treatment system maintenance activities. Total run time for the treatment system since start up is approximately 62%.

The following sections present data associated with each component of the system from January 1, 2001 through June 30, 2001.

OPERATION AND MAINTENANCE

Operation and Maintenance (O&M) visits were performed monthly during the reporting period. O&M visits were performed on January 17, February 14, March 27, April 23, May 21, and June 15, 2001. Additional site visits were conducted on January 24 and 26, 2001 in an attempt to correct equipment malfunctions. During each O&M visit, the system was monitored for airflow and volatile organic compounds (VOCs) utilizing a thermal anemometer and a photoionization detector (PID). Sparge Point Monitoring Points (SPMPs) and selected monitoring wells were monitored for depth to water and dissolved oxygen to track trends in groundwater. Vapor Point Monitoring Points (VPMPs) were checked for vacuum influence during each visit to verify the presence of a net negative pressure within the subsurface of the treatment zone. Individual system components were also monitored to ensure that all process systems were operating within design parameters.

In addition, routine maintenance was performed on treatment system equipment, including greasing of motors, bearings, and oil changes for the rotary lobe blowers. Building ventilation openings were checked regularly to maintain the required ventilation through the treatment building. The SVE heat exchanger was checked during each O&M visit to insure influent and effluent process air temperatures were within desired ranges.

SIGNIFICANT OPERATIONAL NOTES

There were three operational problems associated with components of the treatment system during the current period. The MOV for Leg 2 was removed for service on November 9, 2000. The MOV was sent to the manufacturer (Asahi) for diagnosis and repair. The MOV was subsequently lost by Asahi and a replacement was eventually furnished in March 2001. The MOV was replaced and installed on March 12, 2001. During the time period that Leg 2 was off-line, the SVE system was reset to have the remaining legs operate on a 12-hour cycle instead of an 8-hour cycle. Run times for the air sparge points were similarly adjusted to provide for operation of Leg 1 and Leg 3. The system was returned to normal operational status on March 12, 2001.

Problems with the heat exchanger motor prevented operation of the treatment system from December 19, 2000 through late January, 2001. IT Corporation personnel attempted to install a

replacement motor on the heat exchanger on January 24, 2001. Replacement of the fan blade assembly was found to be necessary at this time. A replacement fan assembly was obtained and installed on January 26, 2001. The treatment system was restarted at this time and all components appeared to be operating normally.

During the March 27, 2001 site visit, the hose connecting the SVE blower discharge and the heat exchanger and the associated ductwork was observed to be deteriorating. As a result of the poor condition of the ductwork and the bulging of the fabric based hose, the system was shut down until replacement materials could be obtained and installed. The installation of the new flexible steel discharge hose occurred during the April 23, 2001 site visit.

The April 23, 2001 site visit also included the installation of a remote telemetry system (Sensaphone Model 1108) and dedicated analog telephone line. This system will notify IT Corporation personnel in the event of a system shutdown. The system was verified to be operational at the conclusion of the site visit. No system downtime was recorded between April 23, 2001 and the end of the current reporting period.

SOIL VAPOR EXTRACTION SYSTEM

The SVE system was activated on December 17, 1999. The three primary horizontal vapor extraction legs have been active on a rotational basis during all phases of system operation. MOVs connected to electronic timers control individual ball valves on each of the three primary SVE legs. Each SVE leg is programmed to run for 8 hours per day.

The SVE system operated at an average flow of 1,355 standard cubic feet per minute (scfm) during the reporting period as measured at the SVE blower effluent. Calculations show a total of 36.43 pounds of Benzene, Toluene, Ethylbenzene and total Xylene (BTEX) were removed during the current reporting period and a cumulative total of 452.34 pounds of BTEX removed since start-up. A total of 560.94 pounds of total VOCs have been calculated to have been removed by the system since start up. System operating data and removal calculations are shown in **Table 1**. VOC recovery data is graphed and illustrated in **Figure 1**. There was no measurable condensate drained from the SVE system during the reporting period.

SVE SYSTEM EFFLUENT

Vapor phase carbon units were installed in the treatment system to adsorb VOCs and maintain a system discharge within permitted levels. During early periods of system operation, these vapor phase units were effective in reducing VOC levels in the system final effluent. As system operation continued, a reduction in efficiency was observed. However, declining influent VOC levels allowed the system to continue operating while keeping within permitted discharge levels.

Air samples were collected for laboratory analysis during the February, 2001 and May, 2001 site visits to track system removal efficiency, and to verify compliance with the air discharge permit. Analytical results of air samples collected during the current period, historical data, and permitted short term and annual guidance levels are presented in **Table 2**. All analytes in these samples show effluent concentrations below permitted levels. Annual discharges for the system continue to be within acceptable levels. System effluent concentrations will continue to be tracked monthly with a PID and quarterly utilizing laboratory analysis to monitor compliance with discharge limits. Laboratory analytical reports have been included as **Appendix A**.

AIR SPARGE SYSTEM

The air sparge system was activated on January 7, 2000. The sparge system is divided into three individual legs, each corresponding to one of the three individual SVE legs. Each sparge leg runs for 6 hours with its respective SVE leg, with an hour of idle time prior to activation of the respective SVE leg and an hour of idle time prior to the automated switch to the next SVE leg. There are a total of 17 active sparge points connected to the treatment system. Each sparge point has operated at a flow rate of approximately 4.7 scfm during the period, for an average flow of approximately 43 scfm per active leg.

Dissolved oxygen levels were measured in monitoring wells during O&M visits beginning in February 2000. Based upon the data collected, effective distribution of sparge air is being achieved. Historical dissolved oxygen data available since February 2000 is tabulated and shown in **Table 3**. Air distribution trends and dissolved oxygen levels in monitoring points will continue to be monitored during future O&M visits to anticipate maintenance actions needed in order to maintain desired air flow rates to the treatment zone.

SYSTEM TREATMENT EFFICIENCY

Select monitoring wells as well as SPMPs have been sampled quarterly to track the progress of the treatment system. Monitoring wells were sampled during the current reporting period on February 14, 2001, May 21, 2001 and June 15, 2001. The June 15, 2001 sampling event included additional monitoring wells that were not regularly included in routine groundwater monitoring events. Wells GW91-5, GW92-08, GW92-11SH and GW92-12 were sampled on June 15, 2001 by IT Corporation field personnel. The additional downgradient wells were sampled to determine the most suitable location for an additional leg to the treatment system. The groundwater samples were analyzed per USEPA Method 8021 for VOCs and USEPA Method 8270 for SVOCs (PAHs only). Due to a laboratory problem, SVOC samples collected on June 15, 2001 did not yield useable data. These wells were resampled for USEPA Method 8270 (PAHs only) by NYSEG contractors on June 28, 2001. All available data has been tabulated and is presented in **Table 4**. A site layout drawing showing the site features, below grade piping layout, and monitoring well locations has been included as **Appendix B**.

SPMP-1 and SPMP-2 are the primary monitoring points in the vicinity of the treatment area that would be affected by the remedial action. Analytical results show a continued decreasing trend in total VOC and SVOC concentrations in these two monitoring points since May 2000.

The next groundwater sampling event is scheduled to be performed in August, 2001. Analytical results will be reported in the next status report.

PROPOSED ACTIVITIES

Proposed activities for the next reporting period include:

- Evaluate options for installation of an additional air sparge/SVE leg downgradient of the existing system.
- Monthly operation and maintenance visits to monitor system operation.
- Adjust system flow and vacuum to maximize treatment system efficiency.
- Collect groundwater samples from monitoring wells and SPMPs to track system performance. Groundwater samples will be collected during August and November 2001. The quarterly sample regime has been modified to include the following wells: GW91-5, GW91-6, GW92-11S, GW92-11D, GW92-08, SPMP-1S and SPMP-2S. GW92-12 will be sampled periodically to track groundwater quality to the southeast of the site.

It is our continuing effort to provide NYSEG with the highest quality environmental services. Should you have any questions or comments concerning this status report, please do not hesitate to contact the undersigned at (518) 783-1996.

Sincerely,

IT Corporation

Grant V. Anderson
Field Service Manager
Project Manager

IT Corporation

FOR
Richard Eaton
Environmental Scientist

Attachments:

Table 1	BTEX Recovery
Table 2	Treatment System Efficiency
Table 3	Dissolved Oxygen Measured in Monitoring Points
Table 4	Monitoring Well Data
Figure 1	Soil Vapor Extraction System VOC Recovery
Appendix A	Laboratory Analytical Results
Appendix B	Site Map

TABLES

Table 1
NYSEG Former MGP Site
Norwich, New York
Air Sparge/Soil Vapor Extraction System
BTEX Recovery

Sampling Date	Run Time Since Last Visit (hrs) Available	Actual	SVE Operation Since Last O&M Visit (%)	SVE Blower Effluent Flow Velocity (6" diam.) (fpm)	Average SVE Blower Effluent Flow Rate (cfm)	Average SVE Blower Effluent PID Reading (ppmv)	SVE Blower Effluent Lab Result (BTEX only) (ppmv)	VOC Removal Rate (BTEX only) (lbs/hr)	VOC Removal Rate (total) (lbs/hr)	VOCs Recovered Since Last O&M Visit (lbs BTEX)	VOC's Recovered Since Last O&M Visit (total lbs.)	Cumulative lbs. of VOC's Recovered (lbs BTEX)	Cumulative lbs. of VOC's Recovered (total lbs.)
12/17/99	0	/0	0.00%	7017	1378	14.49	0.92	0.1007	0.3115	0.00	0.00	0.00	0.00
12/21/99	96	/90	93.75%	6933	1361	23.80	0.88	0.0952	0.4090	8.57	36.81	8.57	36.81
01/07/00	119	/101	84.87%	7000	1374	4.73	0.83	0.0906	0.3044	9.15	30.75	17.72	67.56
01/11/00	96	/93	96.88%	7000	1374	5.00	0.81	0.0885	0.1043	8.23	9.70	25.95	77.26
02/14/00	816	/800	98.04%	7000	1374	11.63	0.68	0.0743	0.1783	59.41	142.65	85.36	219.91
02/21/00	168	/165	98.21%	7000	1374	11.63	0.40	0.0437	0.2494	7.21	41.15	92.57	261.07
03/03/00	264	/75	28.41%	6967	1368	10.00	0.32	0.0348	0.2314	2.61	17.35	95.17	278.42
03/21/00	432	/428	99.07%	6967	1368	10.00	0.18	0.0196	0.2134	8.37	91.33	103.55	369.75
04/14/00	576	/362	62.85%	6767	1329	1.73	0.13	0.0137	0.1234	4.97	44.67	108.52	414.41
05/03/00	456	/453	99.34%	7300	1433	2.97	0.11	0.0126	0.0506	5.73	22.93	114.24	437.35
06/15/00	1032	/300	29.07%	6933	1361	0.00	0.09	0.0097	0.0323	2.92	9.70	117.16	447.05
07/24/00	936	/934	99.79%	7233	1420	5.67	2.10	0.2370	0.0615	221.34	57.41	338.50	504.46
08/17/00	576	/16	2.78%	7233	1420	3.53	2.00	0.2257	0.1019	3.61	1.63	342.11	506.09
09/13/00	648	/161	24.85%	7250	1424	2.47	1.80	0.2036	0.0665	32.78	10.71	374.89	516.80
10/16/00	792	/406.2	51.29%	4500	884	2.00	0.65	0.0456	0.0402	18.54	16.32	393.43	533.13
11/09/00	576	/2.8	0.49%	6750	1325	1.50	0.52	0.0548	0.0302	0.15	0.08	393.58	533.21
12/19/00	960	/786	81.88%	6500	1276	1.00	0.28	0.0284	0.0254	22.32	19.94	415.90	553.15
01/17/01	696	/1.5	0.22%	6750	1325	0.00	0.22	0.0232	0.0101	0.03	0.02	415.93	553.16
02/14/01	672	/457	68.01%	6750	1325	0.00	0.15	0.0158	0.0000	7.22	0.00	423.15	553.16
03/27/01	984	/984	100.00%	6750	1325	0.00	0.14	0.0147	0.0000	14.51	0.00	437.66	553.16
04/23/01	648	/1.1	0.17%	7000	1374	0.00	0.12	0.0131	0.0000	0.01	0.00	437.68	553.16
05/21/01	672	/664	98.81%	7083	1391	0.00	0.11	0.0122	0.0000	8.07	0.00	445.75	553.16
06/15/01	600	/598	99.67%	7067	1388	1.20	0.10	0.0110	0.0130	6.59	7.78	452.34	560.94
Averages			61.7%	6859	1347	4.9			0.11		24.39		

Notes:

VOC concentrations are estimated for dates with no laboratory analytical available (shaded cells).

Table 2
NYSEG Former MGP Site
Norwich, New York
Air Sparge/Soil Vapor Extraction System
Treatment Efficiency

Date	Compound	SVE Influent (ppmv)	Carbon 1 Effluent (ppmv)	Carbon 2 Effluent (ppmv)	Annual Discharge		Short Term Discharge	
					Allowable (ug/m3)	Actual (ug/m3)	Allowable (ug/m3)	Actual (ug/m3)
01/11/00	Benzene	0.160	NS	0.012	0.120	0.010	30	0.600
	Toluene	0.100	NS	0.015	1400	0.020	100,000	1.000
	Ethyl Benzene	0.120	NS	0.00074	2000	0.000	45,000	0.000
	Xylenes	0.430	NS	0.00295	300	0.000	100,000	0.200
05/03/00	Benzene	0.020	0.023	0.014	0.120	0.010	30	0.700
	Toluene	0.012	0.014	0.041	1400	0.040	100,000	2.700
	Ethyl Benzene	0.009	0.026	0.077	2000	0.070	45,000	4.400
	Xylenes	0.070	0.240	0.104	300	0.110	100,000	6.900
07/24/00	Benzene	NS	NS	0.094	0.120	0.070	30	4.600
	Toluene	NS	NS	0.056	1400	0.060	100,000	3.700
	Ethyl Benzene	NS	NS	0.510	2000	0.450	45,000	29.200
	Xylenes	NS	NS	1.440	300	1.460	100,000	95.100
11/09/00	Benzene	NS	NS	0.190	0.120	0.140	30	9.200
	Toluene	NS	NS	0.055	1400	0.060	100,000	3.600
	Ethyl Benzene	NS	NS	0.061	2000	0.050	45,000	3.500
	Xylenes	NS	NS	0.216	300	0.220	100,000	14.300
02/14/01	Benzene	ND	NS	0.002	0.120	0.000	30	0.100
	Toluene	0.002	NS	0.008	1400	0.010	100,000	0.700
	Ethyl Benzene	0.001	NS	0.007	2000	0.010	45,000	0.500
	Xylenes	0.005	NS	0.130	300	0.030	100,000	11.500
05/22/01	Benzene	0.002	NS	ND	0.120	0.000	30	0.000
	Toluene	0.001	NS	0.001	1400	0.000	100,000	0.100
	Ethyl Benzene	0.005	NS	0.008	2000	0.010	45,000	0.600
	Xylenes	0.023	NS	0.088	300	0.12	100,000	7.7

Air discharge allowances based on average discharge flow of 1344 scfm., Air Guide 1.
Shaded cells indicate concentrations exceeding guidance values.

Table 3
Dissolved Oxygen Measured in Performance Monitoring Wells
(mg/L)

Date	Status of Sparge System/Flowrate (avg scfm/point)	SPMP-1D	SPMP-1S	SPMP-2D	SPMP-2S
2/14/00	Prior to Sparge Startup	0.70	NM	11.62	NM
2/14/00	On / 7.35	1.53	NM	12.52	NM
3/21/00	On / 7.35	9.43	9.48	0.93	5.42
5/3/00	On / 7.00	9.08	7.60	2.27	4.60
6/15/00	On / 6.12	6.40	3.22	1.80	2.98
7/24/00	On / 7.76	1.90	6.09	NM	1.43
8/14/00	On / 8.0	9.01	9.16	9.10	8.63
9/11/00	On / 7.29	NM	NM	NM	NM
10/16/00	Off / 0.00	NM	NM	NM	NM
11/9/00	On / 7.8	7.52	NM	1.19	5.23
12/19/00	Off / 0.00	NM	NM	NM	NM
1/17/01	On / 9.42	5.27	5.86	7.26	9.61
2/14/01	On / 9.17	9.08	9.23	9.67	9.32
3/27/01	On / 9.6	NM	NM	NM	NM
4/23/01	On / 8.33	NM	NM	NM	NM
5/21/01	On / 8.56	9.94	9.89	0.66	1.45
6/15/01	On / 8.17	7.47	2.77	1.06	1.39

NM - Not Measured NS - Not Sampled
Notes:
Air Sparge Leg 2 not operational on 11/9/00 and 1/17/01 due to MOV failure. System was down upon arrival during 1/17/01 site visit, but was restarted. System ran for approx. 1 hour before collecting data. System subsequently idled due to problems with heat exchanger motor.

Table 4
NYSEG Norwich - Former MGP Site
Monitoring Well Data (ug/l)

	6/01			5/01			2/01		
	VOCs	SVOCs	Naphth.	VOCs	SVOCs	Naphth.	VOCs	SVOCs	Naphth.
GW91-4SH	NS	NS	NS	5	ND	ND	11	ND	ND
GW91-4D	NS	NS	NS	1	ND	6	ND	ND	ND
GW91-5	3	ND	ND	NS	NS	NS	NS	NS	NS
GW91-6	NS	NS	NS	2,545	3,518	1,800	1,300	2,400	3,100
GW92-08	676	82	ND	NS	NS	NS	NS	NS	NS
GW-92-11D	NS	NS	NS	78	61	12	0.5	ND	ND
GW92-11SH	3	ND	ND	NS	NS	NS	NS	NS	NS
SPMP-1S	NS	NS	NS	139	1,965	330	167	4,860	110
SPMP-2S	NS	NS	NS	114	615	46	68	449	26
GW92-12	ND	ND	ND						

Naphth. = Naphthalene

Table 4
NYSEG Norwich - Former MGP Site
Monitoring Well Data (ug/l)

	11/00			8/00			7/00	
	VOCs	SVOCs	Naphth.	VOCs	SVOCs	Naphth.	SVOCs	Naphth.
GW91-4SH	30.9	40	6	16	ND	ND	NS	NS
GW91-4D	14	86	18	9	ND	14	NS	NS
GW91-5	NS	NS	NS	NS	NS		NS	NS
GW91-6	1,357	3,433	3,200	1,110	ND	3200	NS	NS
GW92-08	NS	NS	NS	88	175	ND	NS	NS
GW-92-11D	NS	NS	NS	3	ND	ND	NS	NS
GW92-11SH	NS	NS	NS	NS	NS	NS	NS	NS
SPMP-1S	NS	NS	NS	351	10,250	1,500	NS	NS
SPMP-2S	NS	NS	NS	103	1,061	92	**1,290	NS
GW92-12								

Naphth. = Naphthalene

** - Sample was collected to replace the one damaged from the 5/00 sampling event

Table 4
NYSEG Norwich - Former MGP Site
Monitoring Well Data (ug/l)

	5/00			5/99			1998		
	VOCs	SVOCs	Naphth.	VOCs	SVOCs	Naphth.	VOCs	SVOCs	Naphth.
GW91-4SH	3.0	324	ND	61.1	62.0	NS	37.6	134.3	8.0
GW91-4D	1.0	ND	22.0	29.9	Sample Damaged @ Lab	NS	38.5	72.0	110
GW91-5	NS	NS	NS	81.5	33.0	NS	NS	NS	NS
GW91-6	2,170	ND	5,500	2,229	586	NS	2,432	210	3600
GW92-08	NS	NS	NS	943.9	NS	NS	898.5	NS	NS
GW-92-11D	182	ND	430	10.5	NS	NS	70.1	NS	NS
GW92-11SH	NS	NS	NS	3.5	NS	NS	3.0	NS	NS
SPMP-1S	*4,901	10,460	1,600	NS	NS	NS	NS	NS	NS
SPMP-2S	*300	Sample Damaged @ Lab	150.0	NS	NS	NS	NS	NS	NS
GW92-12									

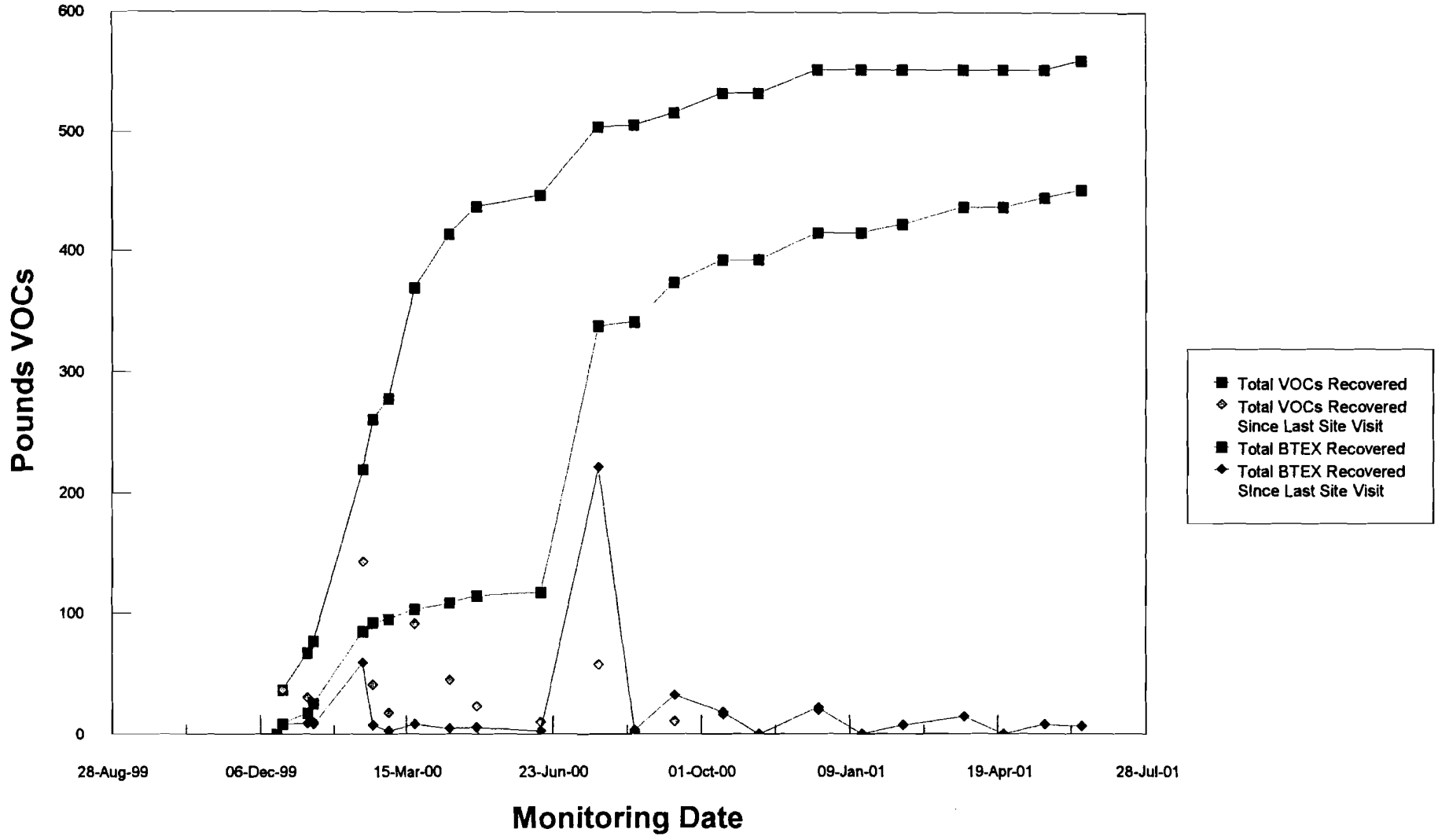
Naphth. = Naphthalene

* - Samples were collected in June, 2000

FIGURES

Figure 1 - Soil Vapor Extraction System VOC Recovery

NYSEG Norwich



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APPENDIX A

LABORATORY ANALYTICAL RESULTS

Grant Anderson

Adirondack Environmental Services, Inc.
Experience is the solution
314 North Pearl Street • Albany, New York 12207 • 800-848-4983 • (518) 434-4546 • Fax (518) 434-0891

NYSEG Norwich
8A

LABORATORY REPORT

for

NYS Electric & Gas
Kirkwood Industrial Park
Corporate Drive, PO 5224
Binghamton, NY 13902

Attention: John Ruspantini

Report date: 03/01/01
Number of samples analyzed: 9
AES Project ID: 010215AU
Invoice #: 224459

CC: IT Corp. G.A.

ELAP ID#: 10709

AIHA ID#: 100307

Adirondack Environmental Services, Inc.
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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW91-4SH
AES sample #: 010215AU01
Samples taken by: J.Kiburz
MATRIX: Water
Date Sampled: 02/14/01
Date sample received: 02/15/01
Location: NYSEG Norwich
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Benzene	EPA-8021	<0.5	ug/l	SO-A	02/16/01
Ethylbenzene	EPA-8021	4	ug/l	SO-A	02/16/01
Toluene	EPA-8021	<1	ug/l	SO-A	02/16/01
o-Xylene	EPA-8021	7	ug/l	SO-A	02/16/01
m,p-Xylene	EPA-8021	<1	ug/l	SO-A	02/16/01
Isopropyl Benzene	EPA-8021	<1	ug/l	SO-A	02/16/01
n-Propylbenzene	EPA-8021	<1	ug/l	SO-A	02/16/01
p-Cymene	EPA-8021	<1	ug/l	SO-A	02/16/01
1,2,4-Trimethylbenzene	EPA-8021	6	ug/l	SO-A	02/16/01
1,3,5-TMB & Sec-BB Total	EPA-8021	3	ug/l	SO-A	02/16/01
n-Butylbenzene	EPA-8021	<1	ug/l	SO-A	02/16/01
Naphthalene	EPA-8021	<5	ug/l	SO-A	02/16/01
Methyl-t-Butyl Ether	EPA-8021	<2	ug/l	SO-A	02/16/01
t-Butylbenzene	EPA-8021	<1	ug/l	SO-A	02/16/01
Naphthalene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Acenaphthylene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Acenaphthene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Fluorene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Phenanthrene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Anthracene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01

Adirondack Environmental Services, Inc.
Experience is the solution
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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW91-4SH
AES sample #: 010215AU01
Samples taken by: J.Kiburz
MATRIX: Water
Date Sampled: 02/14/01
Date sample received: 02/15/01
Location: NYSEG Norwich
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Fluoranthene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Pyrene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Chrysene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Benzo(b)fluoranthene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Benzo(k)fluoranthene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Benzo(a)pyrene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Indeno(1,2,3-cd)pyrene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Dibenzo(a,h)anthracene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Benzo(g,h,i)perylene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Benzo(a)anthracene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
2-Methylnaphthalene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Dibenzofuran	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW91-4D
AES sample #: 010215AU02
Samples taken by: J.Kiburz
MATRIX: Water
Date Sampled: 02/14/01
Date sample received: 02/15/01
Location: NYSEG Norwich
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Benzene	EPA-8021	<0.5	ug/l	SO-A	02/16/01
Ethylbenzene	EPA-8021	<1	ug/l	SO-A	02/16/01
Toluene	EPA-8021	<1	ug/l	SO-A	02/16/01
o-Xylene	EPA-8021	<1	ug/l	SO-A	02/16/01
m,p-Xylene	EPA-8021	<1	ug/l	SO-A	02/16/01
Isopropyl Benzene	EPA-8021	<1	ug/l	SO-A	02/16/01
n-Propylbenzene	EPA-8021	<1	ug/l	SO-A	02/16/01
p-Cymene	EPA-8021	<1	ug/l	SO-A	02/16/01
1,2,4-Trimethylbenzene	EPA-8021	2	ug/l	SO-A	02/16/01
1,3,5-TMB & Sec-BB Total	EPA-8021	<1	ug/l	SO-A	02/16/01
n-Butylbenzene	EPA-8021	<1	ug/l	SO-A	02/16/01
Naphthalene	EPA-8021	<5	ug/l	SO-A	02/16/01
Methyl-t-Butyl Ether	EPA-8021	<2	ug/l	SO-A	02/16/01
t-Butylbenzene	EPA-8021	<1	ug/l	SO-A	02/16/01
Naphthalene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Acenaphthylene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Acenaphthene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Fluorene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Phenanthrene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Anthracene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW91-4D
AES sample #: 010215AU02
Samples taken by: J.Kiburz
MATRIX: Water
Date Sampled: 02/14/01
Date sample received: 02/15/01
Location: NYSEG Norwich
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Fluoranthene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Pyrene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Chrysene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Benzo(b)fluoranthene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Benzo(k)fluoranthene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Benzo(a)pyrene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Indeno(1,2,3-cd)pyrene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Dibenzo(a,h)anthracene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Benzo(g,h,i)perylene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Benzo(a)anthracene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
2-Methylnaphthalene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Dibenzofuran	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: SPMP-2S
AES sample #: 010215AU03
Samples taken by: J.Kiburz
MATRIX: Water
Date Sampled: 02/14/01
Date sample received: 02/15/01
Location: NYSEG Norwich
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Benzene	EPA-8021	0.5	ug/l	SO-A	02/20/01
Ethylbenzene	EPA-8021	24	ug/l	SO-A	02/20/01
Toluene	EPA-8021	<1	ug/l	SO-A	02/20/01
o-Xylene	EPA-8021	40	ug/l	SO-A	02/20/01
m,p-Xylene	EPA-8021	3	ug/l	SO-A	02/20/01
Isopropyl Benzene	EPA-8021	3	ug/l	SO-A	02/20/01
n-Propylbenzene	EPA-8021	<1	ug/l	SO-A	02/20/01
p-Cymene	EPA-8021	1	ug/l	SO-A	02/20/01
1,2,4-Trimethylbenzene	EPA-8021	69	ug/l	SO-A	02/20/01
1,3,5-TMB & Sec-BB Total	EPA-8021	29	ug/l	SO-A	02/20/01
n-Butylbenzene	EPA-8021	9	ug/l	SO-A	02/20/01
Naphthalene	EPA-8021	26	ug/l	SO-A	02/20/01
Methyl-t-Butyl Ether	EPA-8021	<2	ug/l	SO-A	02/20/01
t-Butylbenzene	EPA-8021	<1	ug/l	SO-A	02/20/01
Naphthalene	EPA-8270	39	ug/l	MT-BZ-20	02/21/01
Acenaphthylene	EPA-8270	18	ug/l	MT-BZ-20	02/21/01
Acenaphthene	EPA-8270	78	ug/l	MT-BZ-20	02/21/01
Fluorene	EPA-8270	31	ug/l	MT-BZ-20	02/21/01
Phenanthrene	EPA-8270	56	ug/l	MT-BZ-20	02/21/01
Anthracene	EPA-8270	36	ug/l	MT-BZ-20	02/21/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: SPMP-2S
AES sample #: 010215AU03
Samples taken by: J.Kiburz
MATRIX: Water
Date Sampled: 02/14/01
Date sample received: 02/15/01
Location: NYSEG Norwich
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Fluoranthene	EPA-8270	12	ug/l	MT-BZ-20	02/21/01
Pyrene	EPA-8270	19	ug/l	MT-BZ-20	02/21/01
Chrysene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Benzo(b)fluoranthene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Benzo(k)fluoranthene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Benzo(a)pyrene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Indeno(1,2,3-cd)pyrene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Dibenzo(a,h)anthracene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Benzo(g,h,i)perylene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Benzo(a)anthracene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
2-Methylnaphthalene	EPA-8270	160	ug/l	MT-BZ-20	02/21/01
Dibenzofuran	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01

Total VOCs - 184.5
Total SVOCs - 289

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: SPMP-1S
AES sample #: 010215AU04
Samples taken by: J.Kiburz
MATRIX: Water
Date Sampled: 02/14/01
Date sample received: 02/15/01
Location: NYSEG Norwich
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Benzene	EPA-8021	20	ug/l	SO-A	02/20/01
Ethylbenzene	EPA-8021	<5	ug/l	SO-A	02/20/01
Toluene	EPA-8021	<5	ug/l	SO-A	02/20/01
o-Xylene	EPA-8021	120	ug/l	SO-A	02/20/01
m,p-Xylene	EPA-8021	27	ug/l	SO-A	02/20/01
Isopropyl Benzene	EPA-8021	<5	ug/l	SO-A	02/20/01
n-Propylbenzene	EPA-8021	<5	ug/l	SO-A	02/20/01
p-Cymene	EPA-8021	9	ug/l	SO-A	02/20/01
1,2,4-Trimethylbenzene	EPA-8021	100	ug/l	SO-A	02/20/01
1,3,5-TMB & Sec-BB Total	EPA-8021	140	ug/l	SO-A	02/20/01
n-Butylbenzene	EPA-8021	93	ug/l	SO-A	02/20/01
Naphthalene	EPA-8021	110	ug/l	SO-A	02/20/01
Methyl-t-Butyl Ether	EPA-8021	<10	ug/l	SO-A	02/20/01
t-Butylbenzene	EPA-8021	<5	ug/l	SO-A	02/20/01
Naphthalene	EPA-8270	470	ug/l	MT-BZ-20	02/21/01
Acenaphthylene	EPA-8270	48	ug/l	MT-BZ-20	02/21/01
Acenaphthene	EPA-8270	660	ug/l	MT-BZ-20	02/21/01
Fluorene	EPA-8270	300	ug/l	MT-BZ-20	02/21/01
Phenanthrene	EPA-8270	800	ug/l	MT-BZ-20	02/21/01
Anthracene	EPA-8270	250	ug/l	MT-BZ-20	02/21/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: SPMP-1S
AES sample #: 010215AU04
Samples taken by: J.Kiburz
MATRIX: Water
Date Sampled: 02/14/01
Date sample received: 02/15/01
Location: NYSEG Norwich
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Fluoranthene	EPA-8270	440	ug/l	MT-BZ-20	02/21/01
Pyrene	EPA-8270	720	ug/l	MT-BZ-20	02/21/01
Chrysene	EPA-8270	170	ug/l	MT-BZ-20	02/21/01
Benzo(b)fluoranthene	EPA-8270	200	ug/l	MT-BZ-20	02/21/01
Benzo(k)fluoranthene	EPA-8270	<40	ug/l	MT-BZ-20	02/21/01
Benzo(a)pyrene	EPA-8270	180	ug/l	MT-BZ-20	02/21/01
Indeno(1,2,3-cd)pyrene	EPA-8270	70	ug/l	MT-BZ-20	02/21/01
Dibenzo(a,h)anthracene	EPA-8270	<40	ug/l	MT-BZ-20	02/21/01
Benzo(g,h,i)perylene	EPA-8270	88	ug/l	MT-BZ-20	02/21/01
Benzo(a)anthracene	EPA-8270	200	ug/l	MT-BZ-20	02/21/01
2-Methylnaphthalene	EPA-8270	220	ug/l	MT-BZ-20	02/21/01
Dibenzofuran	EPA-8270	44	ug/l	MT-BZ-20	02/21/01

Total VOCs - 615
SVOCs - 4860

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW91-6
AES sample #: 010215AU05
Samples taken by: J.Kiburz
MATRIX: Water
Date Sampled: 02/14/01
Date sample received: 02/15/01
Location: NYSEG Norwich
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Benzene	EPA-8021	160	ug/l	SO-A	02/16/01
Ethylbenzene	EPA-8021	760	ug/l	SO-A	02/16/01
Toluene	EPA-8021	28	ug/l	SO-A	02/16/01
o-Xylene	EPA-8021	320	ug/l	SO-A	02/16/01
m,p-Xylene	EPA-8021	32	ug/l	SO-A	02/16/01
Isopropyl Benzene	EPA-8021	33	ug/l	SO-A	02/16/01
n-Propylbenzene	EPA-8021	<25	ug/l	SO-A	02/16/01
p-Cymene	EPA-8021	<25	ug/l	SO-A	02/16/01
1,2,4-Trimethylbenzene	EPA-8021	250	ug/l	SO-A	02/16/01
1,3,5-TMB & Sec-BB Total	EPA-8021	150	ug/l	SO-A	02/16/01
n-Butylbenzene	EPA-8021	<25	ug/l	SO-A	02/16/01
Naphthalene	EPA-8021	3100	ug/l	SO-A	02/16/01
Methyl-t-Butyl Ether	EPA-8021	<50	ug/l	SO-A	02/16/01
t-Butylbenzene	EPA-8021	<25	ug/l	SO-A	02/16/01
Naphthalene	EPA-8270	2400	ug/l	MT-BZ-20	02/21/01
Acenaphthylene	EPA-8270	<200	ug/l	MT-BZ-20	02/21/01
Acenaphthene	EPA-8270	<200	ug/l	MT-BZ-20	02/21/01
Fluorene	EPA-8270	<200	ug/l	MT-BZ-20	02/21/01
Phenanthrene	EPA-8270	<200	ug/l	MT-BZ-20	02/21/01
Anthracene	EPA-8270	<200	ug/l	MT-BZ-20	02/21/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW91-6
AES sample #: 010215AU05
Samples taken by: J.Kiburz
MATRIX: Water
Date Sampled: 02/14/01
Date sample received: 02/15/01
Location: NYSEG Norwich
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Fluoranthene	EPA-8270	<200	ug/l	MT-BZ-20	02/21/01
Pyrene	EPA-8270	<200	ug/l	MT-BZ-20	02/21/01
Chrysene	EPA-8270	<200	ug/l	MT-BZ-20	02/21/01
Benzo(b)fluoranthene	EPA-8270	<200	ug/l	MT-BZ-20	02/21/01
Benzo(k)fluoranthene	EPA-8270	<200	ug/l	MT-BZ-20	02/21/01
Benzo(a)pyrene	EPA-8270	<200	ug/l	MT-BZ-20	02/21/01
Indeno(1,2,3-cd)pyrene	EPA-8270	<200	ug/l	MT-BZ-20	02/21/01
Dibenzo(a,h)anthracene	EPA-8270	<200	ug/l	MT-BZ-20	02/21/01
Benzo(g,h,i)perylene	EPA-8270	<200	ug/l	MT-BZ-20	02/21/01
Benzo(a)anthracene	EPA-8270	<200	ug/l	MT-BZ-20	02/21/01
2-Methylnaphthalene	EPA-8270	<200	ug/l	MT-BZ-20	02/21/01
Dibenzofuran	EPA-8270	<200	ug/l	MT-BZ-20	02/21/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW92-11D
AES sample #: 010215AU06
Samples taken by: J.Kiburz
MATRIX: Water
Date Sampled: 02/14/01
Date sample received: 02/15/01
Location: NYSEG Norwich
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Benzene	EPA-8021	0.5	ug/l	SO-A	02/20/01
Ethylbenzene	EPA-8021	<1	ug/l	SO-A	02/20/01
Toluene	EPA-8021	<1	ug/l	SO-A	02/20/01
o-Xylene	EPA-8021	<1	ug/l	SO-A	02/20/01
m,p-Xylene	EPA-8021	<1	ug/l	SO-A	02/20/01
Isopropyl Benzene	EPA-8021	<1	ug/l	SO-A	02/20/01
n-Propylbenzene	EPA-8021	<1	ug/l	SO-A	02/20/01
p-Cymene	EPA-8021	<1	ug/l	SO-A	02/20/01
1,2,4-Trimethylbenzene	EPA-8021	<1	ug/l	SO-A	02/20/01
1,3,5-TMB & Sec-BB Total	EPA-8021	<1	ug/l	SO-A	02/20/01
n-Butylbenzene	EPA-8021	<1	ug/l	SO-A	02/20/01
Naphthalene	EPA-8021	<5	ug/l	SO-A	02/20/01
Methyl-t-Butyl Ether	EPA-8021	<2	ug/l	SO-A	02/20/01
t-Butylbenzene	EPA-8021	<1	ug/l	SO-A	02/20/01
Naphthalene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Acenaphthylene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Acenaphthene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Fluorene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Phenanthrene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Anthracene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW92-11D
AES sample #: 010215AU06
Samples taken by: J.Kiburz
MATRIX: Water
Date Sampled: 02/14/01
Date sample received: 02/15/01
Location: NYSEG Norwich
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Fluoranthene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Pyrene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Chrysene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Benzo(b)fluoranthene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Benzo(k)fluoranthene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Benzo(a)pyrene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Indeno(1,2,3-cd)pyrene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Dibenzo(a,h)anthracene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Benzo(g,h,i)perylene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Benzo(a)anthracene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
2-Methylnaphthalene	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01
Dibenzofuran	EPA-8270	<10	ug/l	MT-BZ-20	02/21/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW92-11D MS
AES sample #: 010215AU07
Samples taken by: J.Kiburz
MATRIX: Water
Date Sampled: 02/14/01
Date sample received: 02/15/01
Location: NYSEG Norwich
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Benzene	EPA-8021	106	%	SO-A	02/16/01
Toluene	EPA-8021	108	%	SO-A	02/16/01
o-Xylene	EPA-8021	108	%	SO-A	02/16/01
m,p-Xylene	EPA-8021	105	%	SO-A	02/16/01
Acenaphthene	EPA-8270	44	%	MT-BZ-20	02/21/01
Pyrene	EPA-8270	48	%	MT-BZ-20	02/21/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW92-11D MSD
AES sample #: 010215AU08
Samples taken by: J.Kiburz
MATRIX: Water
Date Sampled: 02/14/01
Date sample received: 02/15/01
Location: NYSEG Norwich
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Benzene	EPA-8021	105	%	SO-A	02/16/01
Toluene	EPA-8021	106	%	SO-A	02/16/01
o-Xylene	EPA-8021	107	%	SO-A	02/16/01
m,p-Xylene	EPA-8021	103	%	SO-A	02/16/01
Acenaphthene	EPA-8270	40	%	MT-BZ-20	02/21/01
Pyrene	EPA-8270	46	%	MT-BZ-20	02/21/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: Trip Blank
AES sample #: 010215AU09 Samples taken by: J.Kiburz
MATRIX: Water

Date Sampled: 02/14/01
Date sample received: 02/15/01
Location: NYSEG Norwich
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Benzene	EPA-8021	<0.5	ug/l	SO-A	02/16/01
Ethylbenzene	EPA-8021	<1	ug/l	SO-A	02/16/01
Toluene	EPA-8021	<1	ug/l	SO-A	02/16/01
o-Xylene	EPA-8021	<1	ug/l	SO-A	02/16/01
m,p-Xylene	EPA-8021	<1	ug/l	SO-A	02/16/01
Isopropyl Benzene	EPA-8021	<1	ug/l	SO-A	02/16/01
n-Propylbenzene	EPA-8021	<1	ug/l	SO-A	02/16/01
p-Cymene	EPA-8021	<1	ug/l	SO-A	02/16/01
1,2,4-Trimethylbenzene	EPA-8021	<1	ug/l	SO-A	02/16/01
1,3,5-TMB & Sec-BB Total	EPA-8021	<1	ug/l	SO-A	02/16/01
n-Butylbenzene	EPA-8021	<1	ug/l	SO-A	02/16/01
Naphthalene	EPA-8021	<5	ug/l	SO-A	02/16/01
Methyl-t-Butyl Ether	EPA-8021	<2	ug/l	SO-A	02/16/01
t-Butylbenzene	EPA-8021	<1	ug/l	SO-A	02/16/01

APPROVED BY:
Report date: 03/01/01

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Client Name:	Address:
IT Corporation	13 British American Blvd., Latham, NY 12110
Send Report To:	**Project Name (Location)**	**Samplers: (Names)**
Grant Anderson	NYSEG Norwich	Jeri Kiburz
Client Phone No: 518 783 1996	**PO Number:**	**Samplers: (Signature)**
Client Fax No: 518 783 8397		

AES Sample Number	Client Sample Identification & Location	Date Sampled	Time A=a.m. P=p.m.		Sample Type: Matrix	Comp	Grab	Number of Cont's	Analysis Required
010215AW01	GW91-4SH	2/14/01	1000	A/P	H_2O		X	3	EPA 8021 EPA 8270 (PAH Only)
AW02	GW91-4D	2/14/01	1010	A/P	H_2O		X	3	EPA 8021 EPA 8270 (PAH Only)
AW03	SPMP-2S	2/14/01	1020	A/P	H_2O		X	3	EPA 8021 EPA 8270 (PAH Only)
AW04	SPMP-1S	2/14/01	1040	A/P	H_2O		X	3	EPA 8021 EPA 8270 (PAH Only)
AW05	GW91-6	2/14/01	1120	A/P	H_2O		X	3	EPA 8021 EPA 8270 (PAH Only)
AW06	GW92-11D	2/14/01	1215	A/P	H_2O		X	3	EPA 8021 EPA 8270 (PAH Only)
AW07	GW92-11D MS	2/14/01	1215	A/P	H_2O		X	3	EPA 8021 EPA 8270 (PAH Only)
AW08	GW92-11D MSD	2/14/01	1215	A/P	H_2O		X	3	EPA 8021 EPA 8270 (PAH Only)
AW09	Trip Blank	2/14/01	—	A/P	H_2O		X	1	EPA 8021
				A/P					
				A/P					
				A/P					
				A/P					
				A/P					

Turnaround Time Request:
☐ 1 Day ☐ 3 Day ☒ Normal
☐ 2 Day ☐ 5 Day

Special Instructions/Remarks
Direct Bill NYSEG
Attn: John Ruspantini

CC Report To:

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
	(On Ice in Cooler 2-14-01)	
Relinquished by: (Signature)	**Received ofr Laboratory by:**	**Date/Time**
	M.L	2-15-01 1502

Temperature	Properly Preserved	Received Within Holding Times
Ambient or Chilled	Y N	Y N
Notes:	Notes:	Notes:

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

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LABORATORY REPORT

for

NYS Electric & Gas
Kirkwood Industrial Park
Corporate Drive, PO 5224
Binghamton, NY 13902

Attention: John Ruspantini

Report date: 06/07/01
Number of samples analyzed: 8
AES Project ID: 010522AN
Invoice #: 228111

CC: IT Corp/G.A.

ELAP ID#: 10709

AIHA ID#: 100307

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW92-11D
AES sample #: 010522AN01
Samples taken by: J. Kiburz
MATRIX: Water
Date Sampled: 05/21/01
Date sample received: 05/22/01
Location: NYSEG/Norwich
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Benzene	EPA-8021	47	ug/l	SO-A	05/24/01
Ethylbenzene	EPA-8021	7	ug/l	SO-A	05/24/01
Toluene	EPA-8021	<1	ug/l	SO-A	05/24/01
o-Xylene	EPA-8021	21	ug/l	SO-A	05/24/01
m,p-Xylene	EPA-8021	3	ug/l	SO-A	05/24/01
Isopropyl Benzene	EPA-8021	2	ug/l	SO-A	05/24/01
n-Propylbenzene	EPA-8021	<1	ug/l	SO-A	05/24/01
p-Cymene	EPA-8021	<1	ug/l	SO-A	05/24/01
1,2,4-Trimethylbenzene	EPA-8021	6	ug/l	SO-A	05/24/01
1,3,5-TMB & Sec-BB Total	EPA-8021	3	ug/l	SO-A	05/24/01
n-Butylbenzene	EPA-8021	<1	ug/l	SO-A	05/24/01
Naphthalene	EPA-8021	12	ug/l	SO-A	05/24/01
Methyl-t-Butyl Ether	EPA-8021	<2	ug/l	SO-A	05/24/01
t-Butylbenzene	EPA-8021	<1	ug/l	SO-A	05/24/01
Naphthalene	EPA-8270	50	ug/l	MT-CA-23	05/31/01
Acenaphthylene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Acenaphthene	EPA-8270	11	ug/l	MT-CA-23	05/31/01
Fluorene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Phenanthrene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Anthracene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW92-11D
AES sample #: 010522AN01
Samples taken by: J. Kiburz
MATRIX: Water
Date Sampled: 05/21/01
Date sample received: 05/22/01
Location: NYSEG/Norwich
grab

continued:

PARAMETER	PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Fluoranthene		EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Pyrene		EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Chrysene		EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Benzo(b)fluoranthene		EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Benzo(k)fluoranthene		EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Benzo(a)pyrene		EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Indeno(1,2,3-cd)pyrene		EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Dibenzo(a,h)anthracene		EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Benzo(g,h,i)perylene		EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Benzo(a)anthracene		EPA-8270	<10	ug/l	MT-CA-23	05/31/01
2-Methylnaphthalene		EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Dibenzofuran		EPA-8270	<10	ug/l	MT-CA-23	05/31/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW91-6
AES sample #: 010522AN02
Samples taken by: J. Kiburz
MATRIX: Water
Date Sampled: 05/21/01
Date sample received: 05/22/01
Location: NYSEG/Norwich
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Benzene	EPA-8021	170	ug/l	SO-A	05/25/01
Ethylbenzene	EPA-8021	760	ug/l	SO-A	05/25/01
Toluene	EPA-8021	28	ug/l	SO-A	05/25/01
o-Xylene	EPA-8021	330	ug/l	SO-A	05/25/01
m,p-Xylene	EPA-8021	57	ug/l	SO-A	05/25/01
Isopropyl Benzene	EPA-8021	36	ug/l	SO-A	05/25/01
n-Propylbenzene	EPA-8021	<25	ug/l	SO-A	05/25/01
p-Cymene	EPA-8021	<25	ug/l	SO-A	05/25/01
1,2,4-Trimethylbenzene	EPA-8021	290	ug/l	SO-A	05/25/01
1,3,5-TMB & Sec-BB Total	EPA-8021	150	ug/l	SO-A	05/25/01
n-Butylbenzene	EPA-8021	42	ug/l	SO-A	05/25/01
Naphthalene	EPA-8021	1800	ug/l	SO-A	05/25/01
Methyl-t-Butyl Ether	EPA-8021	<50	ug/l	SO-A	05/25/01
t-Butylbenzene	EPA-8021	<25	ug/l	SO-A	05/25/01
Naphthalene	EPA-8270	3000	ug/l	MT-CA-23	05/31/01
Acenaphthylene	EPA-8270	15	ug/l	MT-CA-23	05/31/01
Acenaphthene	EPA-8270	190	ug/l	MT-CA-23	05/31/01
Fluorene	EPA-8270	51	ug/l	MT-CA-23	05/31/01
Phenanthrene	EPA-8270	91	ug/l	MT-CA-23	05/31/01
Anthracene	EPA-8270	18	ug/l	MT-CA-23	05/31/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW91-6
AES sample #: 010522AN02
Samples taken by: J. Kiburz
MATRIX: Water
Date Sampled: 05/21/01
Date sample received: 05/22/01
Location: NYSEG/Norwich
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Fluoranthene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Pyrene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Chrysene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Benzo(b)fluoranthene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Benzo(k)fluoranthene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Benzo(a)pyrene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Indeno(1,2,3-cd)pyrene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Dibenzo(a,h)anthracene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Benzo(g,h,i)perylene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Benzo(a)anthracene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
2-Methylnaphthalene	EPA-8270	140	ug/l	MT-CA-23	05/31/01
Dibenzofuran	EPA-8270	13	ug/l	MT-CA-23	05/31/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW91-4D
AES sample #: 010522AN03
Samples taken by: J. Kiburz
MATRIX: Water
Date Sampled: 05/21/01
Date sample received: 05/22/01
Location: NYSEG/Norwich
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Benzene	EPA-8021	<0.5	ug/l	SO-A	05/24/01
Ethylbenzene	EPA-8021	<1	ug/l	SO-A	05/24/01
Toluene	EPA-8021	<1	ug/l	SO-A	05/24/01
o-Xylene	EPA-8021	1	ug/l	SO-A	05/24/01
m,p-Xylene	EPA-8021	<1	ug/l	SO-A	05/24/01
Isopropyl Benzene	EPA-8021	<1	ug/l	SO-A	05/24/01
n-Propylbenzene	EPA-8021	<1	ug/l	SO-A	05/24/01
p-Cymene	EPA-8021	<1	ug/l	SO-A	05/24/01
1,2,4-Trimethylbenzene	EPA-8021	2	ug/l	SO-A	05/24/01
1,3,5-TMB & Sec-BB Total	EPA-8021	2	ug/l	SO-A	05/24/01
n-Butylbenzene	EPA-8021	<1	ug/l	SO-A	05/24/01
Naphthalene	EPA-8021	6	ug/l	SO-A	05/24/01
Methyl-t-Butyl Ether	EPA-8021	<2	ug/l	SO-A	05/24/01
t-Butylbenzene	EPA-8021	<1	ug/l	SO-A	05/24/01
Naphthalene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Acenaphthylene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Acenaphthene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Fluorene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Phenanthrene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Anthracene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW91-4D
AES sample #: 010522AN03
Samples taken by: J. Kiburz
MATRIX: Water
Date Sampled: 05/21/01
Date sample received: 05/22/01
Location: NYSEG/Norwich
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Fluoranthene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Pyrene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Chrysene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Benzo(b)fluoranthene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Benzo(k)fluoranthene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Benzo(a)pyrene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Indeno(1,2,3-cd)pyrene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Dibenzo(a,h)anthracene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Benzo(g,h,i)perylene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Benzo(a)anthracene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
2-Methylnaphthalene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Dibenzofuran	EPA-8270	<10	ug/l	MT-CA-23	05/31/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW91-4SH
AES sample #: 010522AN04
Samples taken by: J. Kiburz
MATRIX: Water
Date Sampled: 05/21/01
Date sample received: 05/22/01
Location: NYSEG/Norwich
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Benzene	EPA-8021	<0.5	ug/l	SO-A	05/24/01
Ethylbenzene	EPA-8021	2	ug/l	SO-A	05/24/01
Toluene	EPA-8021	<1	ug/l	SO-A	05/24/01
o-Xylene	EPA-8021	3	ug/l	SO-A	05/24/01
m,p-Xylene	EPA-8021	<1	ug/l	SO-A	05/24/01
Isopropyl Benzene	EPA-8021	<1	ug/l	SO-A	05/24/01
n-Propylbenzene	EPA-8021	<1	ug/l	SO-A	05/24/01
p-Cymene	EPA-8021	<1	ug/l	SO-A	05/24/01
1,2,4-Trimethylbenzene	EPA-8021	<1	ug/l	SO-A	05/24/01
1,3,5-TMB & Sec-BB Total	EPA-8021	<1	ug/l	SO-A	05/24/01
n-Butylbenzene	EPA-8021	<1	ug/l	SO-A	05/24/01
Naphthalene	EPA-8021	<5	ug/l	SO-A	05/24/01
Methyl-t-Butyl Ether	EPA-8021	<2	ug/l	SO-A	05/24/01
t-Butylbenzene	EPA-8021	<1	ug/l	SO-A	05/24/01
Naphthalene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Acenaphthylene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Acenaphthene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Fluorene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Phenanthrene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Anthracene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW91-4SH
AES sample #: 010522AN04
Samples taken by: J. Kiburz
MATRIX: Water
Date Sampled: 05/21/01
Date sample received: 05/22/01
Location: NYSEG/Norwich
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Fluoranthene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Pyrene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Chrysene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Benzo(b)fluoranthene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Benzo(k)fluoranthene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Benzo(a)pyrene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Indeno(1,2,3-cd)pyrene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Dibenzo(a,h)anthracene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Benzo(g,h,i)perylene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Benzo(a)anthracene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
2-Methylnaphthalene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Dibenzofuran	EPA-8270	<10	ug/l	MT-CA-23	05/31/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: SPMP-2S
AES sample #: 010522AN05
Samples taken by: J. Kiburz
MATRIX: Water
Date Sampled: 05/21/01
Date sample received: 05/22/01
Location: NYSEG/Norwich
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Benzene	EPA-8021	0.6	ug/l	SO-A	05/25/01
Ethylbenzene	EPA-8021	51	ug/l	SO-A	05/25/01
Toluene	EPA-8021	1	ug/l	SO-A	05/25/01
o-Xylene	EPA-8021	56	ug/l	SO-A	05/25/01
m,p-Xylene	EPA-8021	5	ug/l	SO-A	05/25/01
Isopropyl Benzene	EPA-8021	6	ug/l	SO-A	05/25/01
n-Propylbenzene	EPA-8021	2	ug/l	SO-A	05/25/01
p-Cymene	EPA-8021	1	ug/l	SO-A	05/25/01
1,2,4-Trimethylbenzene	EPA-8021	81	ug/l	SO-A	05/25/01
1,3,5-TMB & Sec-BB Total	EPA-8021	33	ug/l	SO-A	05/25/01
n-Butylbenzene	EPA-8021	10	ug/l	SO-A	05/25/01
Naphthalene	EPA-8021	46	ug/l	SO-A	05/25/01
Methyl-t-Butyl Ether	EPA-8021	<2	ug/l	SO-A	05/25/01
t-Butylbenzene	EPA-8021	<1	ug/l	SO-A	05/25/01
Naphthalene	EPA-8270	66	ug/l	MT-CA-23	05/31/01
Acenaphthylene	EPA-8270	29	ug/l	MT-CA-23	05/31/01
Acenaphthene	EPA-8270	100	ug/l	MT-CA-23	05/31/01
Fluorene	EPA-8270	48	ug/l	MT-CA-23	05/31/01
Phenanthrene	EPA-8270	97	ug/l	MT-CA-23	05/31/01
Anthracene	EPA-8270	24	ug/l	MT-CA-23	05/31/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: SPMP-2S
AES sample #: 010522AN05
Samples taken by: J. Kiburz
MATRIX: Water
Date Sampled: 05/21/01
Date sample received: 05/22/01
Location: NYSEG/Norwich
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Fluoranthene	EPA-8270	24	ug/l	MT-CA-23	05/31/01
Pyrene	EPA-8270	36	ug/l	MT-CA-23	05/31/01
Chrysene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Benzo(b)fluoranthene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Benzo(k)fluoranthene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Benzo(a)pyrene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Indeno(1,2,3-cd)pyrene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Dibenzo(a,h)anthracene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Benzo(g,h,i)perylene	EPA-8270	<10	ug/l	MT-CA-23	05/31/01
Benzo(a)anthracene	EPA-8270	11	ug/l	MT-CA-23	05/31/01
2-Methylnaphthalene	EPA-8270	180	ug/l	MT-CA-23	05/31/01
Dibenzofuran	EPA-8270	<10	ug/l	MT-CA-23	05/31/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: SPMP-1S
AES sample #: 010522AN06
Samples taken by: J. Kiburz
MATRIX: Water
Date Sampled: 05/21/01
Date sample received: 05/22/01
Location: NYSEG/Norwich
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Benzene	EPA-8021	5	ug/l	SO-A	05/24/01
Ethylbenzene	EPA-8021	<10	ug/l	SO-A	05/24/01
Toluene	EPA-8021	<10	ug/l	SO-A	05/24/01
o-Xylene	EPA-8021	120	ug/l	SO-A	05/24/01
m,p-Xylene	EPA-8021	14	ug/l	SO-A	05/24/01
Isopropyl Benzene	EPA-8021	<10	ug/l	SO-A	05/24/01
n-Propylbenzene	EPA-8021	<10	ug/l	SO-A	05/24/01
p-Cymene	EPA-8021	49	ug/l	SO-A	05/24/01
1,2,4-Trimethylbenzene	EPA-8021	170	ug/l	SO-A	05/24/01
1,3,5-TMB & Sec-BB Total	EPA-8021	200	ug/l	SO-A	05/24/01
n-Butylbenzene	EPA-8021	280	ug/l	SO-A	05/24/01
Naphthalene	EPA-8021	330	ug/l	SO-A	05/24/01
Methyl-t-Butyl Ether	EPA-8021	<20	ug/l	SO-A	05/24/01
t-Butylbenzene	EPA-8021	18	ug/l	SO-A	05/24/01
Naphthalene	EPA-8270	350	ug/l	MT-CA-23	05/31/01
Acenaphthylene	EPA-8270	<50	ug/l	MT-CA-23	05/31/01
Acenaphthene	EPA-8270	360	ug/l	MT-CA-23	05/31/01
Fluorene	EPA-8270	140	ug/l	MT-CA-23	05/31/01
Phenanthrene	EPA-8270	360	ug/l	MT-CA-23	05/31/01
Anthracene	EPA-8270	110	ug/l	MT-CA-23	05/31/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: SPMP-1S
AES sample #: 010522AN06
Samples taken by: J. Kiburz
MATRIX: Water
Date Sampled: 05/21/01
Date sample received: 05/22/01
Location: NYSEG/Norwich
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Fluoranthene	EPA-8270	180	ug/l	MT-CA-23	05/31/01
Pyrene	EPA-8270	260	ug/l	MT-CA-23	05/31/01
Chrysene	EPA-8270	60	ug/l	MT-CA-23	05/31/01
Benzo(b)fluoranthene	EPA-8270	<50	ug/l	MT-CA-23	05/31/01
Benzo(k)fluoranthene	EPA-8270	<50	ug/l	MT-CA-23	05/31/01
Benzo(a)pyrene	EPA-8270	<50	ug/l	MT-CA-23	05/31/01
Indeno(1,2,3-cd)pyrene	EPA-8270	<50	ug/l	MT-CA-23	05/31/01
Dibenzo(a,h)anthracene	EPA-8270	<50	ug/l	MT-CA-23	05/31/01
Benzo(g,h,i)perylene	EPA-8270	<50	ug/l	MT-CA-23	05/31/01
Benzo(a)anthracene	EPA-8270	75	ug/l	MT-CA-23	05/31/01
2-Methylnaphthalene	EPA-8270	70	ug/l	MT-CA-23	05/31/01
Dibenzofuran	EPA-8270	<50	ug/l	MT-CA-23	05/31/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW92-11D MS
AES sample #: 010522AN07
Samples taken by: J. Kiburz
MATRIX: Water
Date Sampled: 05/21/01
Date sample received: 05/22/01
Location: NYSEG/Norwich
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Benzene	EPA-8021	91	%	SO-A	05/24/01
Toluene	EPA-8021	101	%	SO-A	05/24/01
Ethylbenzene	EPA-8021	ND	%	SO-A	05/24/01
Chlorobenzene	EPA-8021	ND	%	SO-A	05/24/01
p-Dichlorobenzene	EPA-8021	ND	%	SO-A	05/24/01
m-Dichlorobenzene	EPA-8021	ND	%	SO-A	05/24/01
o-Dichlorobenzene	EPA-8021	ND	%	SO-A	05/24/01
Xylenes	EPA-8021	104	%	SO-A	05/24/01
1,2,4 Trichlorobenzene	EPA-8270	79	%	MT-CA-23	05/31/01
Acenaphthene	EPA-8270	94	%	MT-CA-23	05/31/01
2,4-Dinitrotoluene	EPA-8270	73	%	MT-CA-23	05/31/01
Di-n-butyl phthalate	EPA-8270	104	%	MT-CA-23	05/31/01
Pyrene	EPA-8270	112	%	MT-CA-23	05/31/01
N-Nitroso-di-n-propylamine	EPA-8270	82	%	MT-CA-23	05/31/01
1,4-Dichlorobenzene	EPA-8270	77	%	MT-CA-23	05/31/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW92-11D MSD
AES sample #: 010522AN08
Samples taken by: J. Kiburz
MATRIX: Water
Date Sampled: 05/21/01
Date sample received: 05/22/01
Location: NYSEG/Norwich
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Benzene	EPA-8021	86	%	SO-A	05/24/01
Toluene	EPA-8021	104	%	SO-A	05/24/01
Ethylbenzene	EPA-8021	ND	%	SO-A	05/24/01
Chlorobenzene	EPA-8021	ND	%	SO-A	05/24/01
p-Dichlorobenzene	EPA-8021	ND	%	SO-A	05/24/01
m-Dichlorobenzene	EPA-8021	ND	%	SO-A	05/24/01
o-Dichlorobenzene	EPA-8021	ND	%	SO-A	05/24/01
Xylenes	EPA-8021	103	%	SO-A	05/24/01
1,2,4 Trichlorobenzene	EPA-8270	83	%	MT-CA-23	05/31/01
Acenaphthene	EPA-8270	96	%	MT-CA-23	05/31/01
2,4-Dinitrotoluene	EPA-8270	78	%	MT-CA-23	05/31/01
Di-n-butyl phthalate	EPA-8270	102	%	MT-CA-23	05/31/01
Pyrene	EPA-8270	109	%	MT-CA-23	05/31/01
N-Nitroso-di-n-propylamine	EPA-8270	87	%	MT-CA-23	05/31/01
1,4-Dichlorobenzene	EPA-8270	78	%	MT-CA-23	05/31/01

APPROVED BY: _____
Report date: 06/07/01

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CHAIN OF CUSTODY RECORD

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Client Name:	Address:	
IT Corporation	13 British American Blvd., Latham, NY 12110	
Send Report To:	**Project Name (Location)**	**Samplers: (Names)**
Grant Anderson	NYSEG Norwich	Jeri K. Burz
Client Phone No: 518 783 1996	**PO Number:**	**Samplers: (Signature)**
Client Fax No: 518 783 8397		

AES Sample Number	Client Sample Identification & Location	Date Sampled	Time A=a.m. P=p.m.	Sample Type: Matrix	Comp	Grab	Number of Cont's	Analysis Required
010522	GW92-11D	5-21-01	1020 A/P	GW		X	3	EPA 8021 PAH's EPA 8270 Only
AN01	GW92-11D MS	5-21-01	1020 A/P	GW		X	3	EPA 8021 PAH's EPA 8270 Only
	GW92-11D MSD	5-21-01	1020 A/P	GW		X	3	EPA 8021 PAH's EPA 8270 Only
AN02	GW91-6	5-21-01	1200 A/P	GW		X	3	EPA 8021 PAH's EPA 8270 Only
AN03	GW91-4D	5-21-01	1415 A/P	GW		X	3	EPA 8021 PAH EPA 8270 Only
AN04	GW91-4SH	5-21-01	1430 A/P	GW		X	3	EPA 8021 PAH EPA 8270 Only
AN05	~~GW~~ SPMP-2S	5-21-01	1445 A/P	GW		X	3	EPA 8021 PAH EPA 8270 Only
AN06	SPMP-1S	5-21-01	1500 A/P	GW		X	3	EPA 8021 PAH EPA 8270 Only
			A/P					
			A/P					
			A/P					
			A/P					
			A/P					
			A/P					

Turnaround Time Request:
☐ 1 Day ☐ 3 Day ☐ Normal
☐ 2 Day ☐ 5 Day

Special Instructions/Remarks
Bill NYSEG Directly
Attn: John Ruspantini

CC Report To:

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
	(On Ice In Cooler)	5-21-01 1600
Relinquished by: (Signature)	**Received for Laboratory by:**	**Date/Time**
	M.L	5/22/01 312

Temperature: Ambient or (Chilled)
Notes:

Properly Preserved: (Y) N
Notes:

Received Within Holding Times: (Y) N
Notes:

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

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LABORATORY REPORT

for

NYS Electric & Gas
Kirkwood Industrial Park
Corporate Drive, PO 5224
Binghamton, NY 13902

Attention: John Ruspantini

PAHs - no data due to lab problem

Report date: 06/28/01
Number of samples analyzed: 4
AES Project ID: 010615AT
Invoice #: 229038

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW92-11SH
AES sample #: 010615AT01 Samples taken by: J.Kiburz
MATRIX: Water

Date Sampled: 06/15/01
Date sample received: 06/15/01
Location: NYSEG Norwich
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Benzene	EPA-8021	2	ug/l	SO-A	06/18/01
Ethylbenzene	EPA-8021	<1	ug/l	SO-A	06/18/01
Toluene	EPA-8021	<1	ug/l	SO-A	06/18/01
o-Xylene	EPA-8021	1	ug/l	SO-A	06/18/01
m,p-Xylene	EPA-8021	<1	ug/l	SO-A	06/18/01
Isopropyl Benzene	EPA-8021	<1	ug/l	SO-A	06/18/01
n-Propylbenzene	EPA-8021	<1	ug/l	SO-A	06/18/01
p-Cymene	EPA-8021	<1	ug/l	SO-A	06/18/01
1,2,4-Trimethylbenzene	EPA-8021	<1	ug/l	SO-A	06/18/01
1,3,5-TMB & Sec-BB Total	EPA-8021	<1	ug/l	SO-A	06/18/01
n-Butylbenzene	EPA-8021	<1	ug/l	SO-A	06/18/01
Naphthalene	EPA-8021	<5	ug/l	SO-A	06/18/01
Methyl-t-Butyl Ether	EPA-8021	<2	ug/l	SO-A	06/18/01
t-Butylbenzene	EPA-8021	<1	ug/l	SO-A	06/18/01
PAH	EPA-8270	No Data		MG	06/28/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW92-08
AES sample #: 010615AT02
Samples taken by: J.Kiburz
MATRIX: Water
Date Sampled: 06/15/01
Date sample received: 06/15/01
Location: NYSEG Norwich
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Benzene	EPA-8021	130	ug/l	SO-A	06/20/01
Ethylbenzene	EPA-8021	420	ug/l	SO-A	06/20/01
Toluene	EPA-8021	<5	ug/l	SO-A	06/20/01
o-Xylene	EPA-8021	110	ug/l	SO-A	06/20/01
m,p-Xylene	EPA-8021	16	ug/l	SO-A	06/20/01
Isopropyl Benzene	EPA-8021	34	ug/l	SO-A	06/20/01
n-Propylbenzene	EPA-8021	9	ug/l	SO-A	06/20/01
p-Cymene	EPA-8021	<5	ug/l	SO-A	06/20/01
1,2,4-Trimethylbenzene	EPA-8021	19	ug/l	SO-A	06/20/01
1,3,5-TMB & Sec-BB Total	EPA-8021	19	ug/l	SO-A	06/20/01
n-Butylbenzene	EPA-8021	6	ug/l	SO-A	06/20/01
Naphthalene	EPA-8021	<25	ug/l	SO-A	06/20/01
Methyl-t-Butyl Ether	EPA-8021	<10	ug/l	SO-A	06/20/01
t-Butylbenzene	EPA-8021	<5	ug/l	SO-A	06/20/01
PAH	EPA-8270	No Data		MG	06/28/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW91-5
AES sample #: 010615AT03
Samples taken by: J.Kiburz
MATRIX: Water
Date Sampled: 06/15/01
Date sample received: 06/15/01
Location: NYSEG Norwich
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Benzene	EPA-8021	<0.5	ug/l	SO-A	06/18/01
Ethylbenzene	EPA-8021	2	ug/l	SO-A	06/18/01
Toluene	EPA-8021	<1	ug/l	SO-A	06/18/01
o-Xylene	EPA-8021	1	ug/l	SO-A	06/18/01
m,p-Xylene	EPA-8021	<1	ug/l	SO-A	06/18/01
Isopropyl Benzene	EPA-8021	<1	ug/l	SO-A	06/18/01
n-Propylbenzene	EPA-8021	<1	ug/l	SO-A	06/18/01
p-Cymene	EPA-8021	<1	ug/l	SO-A	06/18/01
1,2,4-Trimethylbenzene	EPA-8021	<1	ug/l	SO-A	06/18/01
1,3,5-TMB & Sec-BB Total	EPA-8021	<1	ug/l	SO-A	06/18/01
n-Butylbenzene	EPA-8021	<1	ug/l	SO-A	06/18/01
Naphthalene	EPA-8021	<5	ug/l	SO-A	06/18/01
Methyl-t-Butyl Ether	EPA-8021	<2	ug/l	SO-A	06/18/01
t-Butylbenzene	EPA-8021	<1	ug/l	SO-A	06/18/01
PAH	EPA-8270	No Data		MG	06/28/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW92-12
AES sample #: 010615AT04
Samples taken by: J.Kiburz
MATRIX: Water
Date Sampled: 06/15/01
Date sample received: 06/15/01
Location: NYSEG Norwich
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Benzene	EPA-8021	<0.5	ug/l	SO-A	06/18/01
Ethylbenzene	EPA-8021	<1	ug/l	SO-A	06/18/01
Toluene	EPA-8021	<1	ug/l	SO-A	06/18/01
o-Xylene	EPA-8021	<1	ug/l	SO-A	06/18/01
m,p-Xylene	EPA-8021	<1	ug/l	SO-A	06/18/01
Isopropyl Benzene	EPA-8021	<1	ug/l	SO-A	06/18/01
n-Propylbenzene	EPA-8021	<1	ug/l	SO-A	06/18/01
p-Cymene	EPA-8021	<1	ug/l	SO-A	06/18/01
1,2,4-Trimethylbenzene	EPA-8021	<1	ug/l	SO-A	06/18/01
1,3,5-TMB & Sec-BB Total	EPA-8021	<1	ug/l	SO-A	06/18/01
n-Butylbenzene	EPA-8021	<1	ug/l	SO-A	06/18/01
Naphthalene	EPA-8021	<5	ug/l	SO-A	06/18/01
Methyl-t-Butyl Ether	EPA-8021	<2	ug/l	SO-A	06/18/01
t-Butylbenzene	EPA-8021	<1	ug/l	SO-A	06/18/01
PAH	EPA-8270	No Data		MG	06/28/01

Data is not available for the PAH compounds due to poor surrogate recoveries.

APPROVED BY:
Report date: 06/28/01

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CHAIN OF CUSTODY RECORD

CLIENT NAME	PROJECT NAME (Location)	SAMPLERS: (Names)
IT Corporation	NYSEG Norwich	Jeri Kiburz
ADDRESS 13 British American Blvd Latham, NY 12110	PO NUMBER	SAMPLERS: (Signature)

AES SAMPLE NUMBER	CLIENT SAMPLE IDENTIFICATION & LOCATION	DATE SAMPLED	TIME A=a.m. P=p.m.	SAMPLE TYPE MATRIX	COMP	GRAB	NUMBER OF CONT'S	ANALYSIS REQUIRED
01[illegible]SAT01	GW92 - 11SH	6-15-01	1015 A/P	GW		X	3	EPA 8021 EPA 8270 PAH Only
AT02	GW92 - 08	6-15-01	1245 A/P	GW		X	3	EPA 8021 EPA 8270 PAH Only
AT03	GW91 - 5	6-15-01	1230 A/P	GW		X	3	EPA 8021 EPA 8270 PAH Only
AT04	GW92 - 12	6-15-01	1315 A/P	GW		X	3	EPA 8021 EPA 8270 PAH Only
			A/P					
			A/P					
			A/P					
	Please Bill NYSEG Directly		A/P					
			A/P					
			A/P					
			A/P					
			A/P					
			A/P					

Turnaround Time: NTAT

Laboratory Approval:

Relinquished by: (Signature)	**Received by:** (Signature)	**Date/Time**
Relinquished by: (Signature)	**Received by:** (Signature)	**Date/Time**
Relinquished by: (Signature)	**Received by:** (Signature)	**Date/Time**
Dispatched by: (Signature) / **Date/Time**	**Received for Laboratory by:**	**Date/Time** 6/15/01 4:30
Method of Shipment:	**Send Report To:**	**Client Phone No.:**

The Laboratory reserves the right to return hazardous samples to the client or may levy an appropriate fee per container for disposal.

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LABORATORY REPORT

for

NYS Electric & Gas
Kirkwood Industrial Park
Corporate Drive, PO 5224
Binghamton, NY 13902

Attention: John Ruspantini

Report date: 07/13/01
Number of samples analyzed: 4
AES Project ID: 010629 V
Invoice #: 229578

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: NOGDSH9211
AES sample #: 010629 V01 Samples taken by: B.Balchikonis
MATRIX: Water

Date Sampled: 06/28/01
Date sample received: 06/29/01
Location: Norwich MGP
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Naphthalene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Acenaphthylene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Acenaphthene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Fluorene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Phenanthrene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Anthracene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Fluoranthene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Pyrene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Chrysene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Benzo(b)fluoranthene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Benzo(k)fluoranthene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Benzo(a)pyrene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Indeno(1,2,3-cd)pyrene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Dibenzo(a,h)anthracene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Benzo(g,h,i)perylene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Benzo(a)anthracene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
2-Methylnaphthalene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Dibenzofuran	EPA-8270	<10	ug/l	MT-CA-42	07/12/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: NOGDXX9208
AES sample #: 010629 V02 Samples taken by: B.Balchikonis
MATRIX: Water

Date Sampled: 06/28/01
Date sample received: 06/29/01
Location: Norwich MGP
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Naphthalene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Acenaphthylene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Acenaphthene	EPA-8270	31	ug/l	MT-CA-42	07/12/01
Fluorene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Phenanthrene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Anthracene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Fluoranthene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Pyrene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Chrysene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Benzo(b)fluoranthene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Benzo(k)fluoranthene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Benzo(a)pyrene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Indeno(1,2,3-cd)pyrene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Dibenzo(a,h)anthracene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Benzo(g,h,i)perylene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Benzo(a)anthracene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
2-Methylnaphthalene	EPA-8270	51	ug/l	MT-CA-42	07/12/01
Dibenzofuran	EPA-8270	<10	ug/l	MT-CA-42	07/12/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: NOGDXX9105
AES sample #: 010629 V03
Samples taken by: B.Balchikonis
MATRIX: Water
Date Sampled: 06/28/01
Date sample received: 06/29/01
Location: Norwich MGP
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Naphthalene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Acenaphthylene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Acenaphthene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Fluorene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Phenanthrene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Anthracene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Fluoranthene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Pyrene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Chrysene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Benzo(b)fluoranthene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Benzo(k)fluoranthene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Benzo(a)pyrene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Indeno(1,2,3-cd)pyrene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Dibenzo(a,h)anthracene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Benzo(g,h,i)perylene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Benzo(a)anthracene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
2-Methylnaphthalene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Dibenzofuran	EPA-8270	<10	ug/l	MT-CA-42	07/12/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: NOGDXX9212
AES sample #: 010629 V04
Samples taken by: B.Balchikonis
MATRIX: Water
Date Sampled: 06/28/01
Date sample received: 06/29/01
Location: Norwich MGP
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Naphthalene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Acenaphthylene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Acenaphthene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Fluorene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Phenanthrene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Anthracene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Fluoranthene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Pyrene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Chrysene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Benzo(b)fluoranthene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Benzo(k)fluoranthene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Benzo(a)pyrene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Indeno(1,2,3-cd)pyrene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Dibenzo(a,h)anthracene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Benzo(g,h,i)perylene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Benzo(a)anthracene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
2-Methylnaphthalene	EPA-8270	<10	ug/l	MT-CA-42	07/12/01
Dibenzofuran	EPA-8270	<10	ug/l	MT-CA-42	07/12/01

APPROVED BY: Lara
Report date: 07/13/01

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Albany, New York 12207
518-434-4546/434-0891 FAX
A full service analytical research laboratory offering solutions to environmental concerns

CHAIN OF CUSTODY RECORD

Client Name:	Address:	
NYSEG	Kirkwood Industrial Park Binghamton, NY 13902	
Send Report To:	**Project Name (Location)**	**Samplers: (Names)**
John Ruspantini	Norwich MGP	Brian Balchikonis
Client Phone No: (607) 762-8787	**PO Number:**	**Samplers: (Signature)**
Client Fax No: (607) 762-9451		

AES Sample Number	Client Sample Identification & Location	Date Sampled	Time A=a.m. P=p.m.		Sample Type: Matrix	Comp	Grab	Number of Cont's	Analysis Required
OXX029 V01	NOGDSH9211	6/28/01	1148	A/P	L		X	1	8270 (PAH ONLY)
V02	NOGDxx9208		1122	A/P			X	1	
V03	NOGDxx9105		1044	A/P			X	1	
V04	NOGDxx9212		1215	A/P			X	1	
				A/P					
				A/P					
				A/P					
				A/P					
				A/P					
				A/P					
				A/P					
				A/P					
				A/P					
				A/P					

Turnaround Time Request:
☐ 1 Day ☐ 3 Day ☒ Normal
☐ 2 Day ☐ 5 Day

CC Report To:

Special Instructions/Remarks

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received for Laboratory by: M.L	Date/Time 6/29/01 1100

Temperature	Properly Preserved	Received Within Holding Times
Ambient or Chilled 10°C	Y N	Y N
Notes:	Notes:	Notes:

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

Performance Analytical Inc.
Air Quality Laboratory
A Division of Columbia Analytical Services, Inc.
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RESULTS OF ANALYSIS

PAGE 1 OF 1

Client : New York State Electric & Gas Corporation

Client Sample ID : SVE Leg 3 Blower Effluent
PAI Sample ID : P2100344-001

Test Code : GC/MS Mod. EPA TO-15
Instrument : HP5973/Tekmar AUTOCan Elite
Analyst : Wade Henton
Matrix : Tedlar Bag

Date Sampled : 2/14/01
Date Received : 2/16/01
Date Analyzed : 2/16/01
Volume(s) Analyzed : 0.200 Liter(s)

D.F. = 1.00

CAS #	COMPOUND	RESULT µg/m³	REPORTING LIMIT µg/m³	RESULT ppb	REPORTING LIMIT ppb
71-43-2	Benzene	ND	5.0	ND	1.6
108-88-3	Toluene	7.2	5.0	1.9	1.3
100-41-4	Ethylbenzene	3.1 TR	5.0	0.71 TR	1.2
136777-61-2	*m,p* -Xylenes	11	5.0	2.5	1.2
95-47-6	o-Xylene	10	5.0	2.4	1.2

TR = Detected Below Indicated Reporting Limit
ND = Not Detected

Verified By: RG Date: 3/5/01

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Performance Analytical Inc.
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RESULTS OF ANALYSIS

PAGE 1 OF 1

Client : New York State Electric & Gas Corporation

Client Sample ID : SVE Leg 3 Blower Effluent
PAI Sample ID : P2100344-001DUP

Test Code : GC/MS Mod. EPA TO-15
Instrument : HP5973/Tekmar AUTOCan Elite
Analyst : Wade Henton
Matrix : Tedlar Bag

Date Sampled : 2/14/01
Date Received : 2/16/01
Date Analyzed : 2/16/01
Volume(s) Analyzed : 0.200 Liter(s)

D.F. = 1.00

CAS #	COMPOUND	RESULT µg/m³	REPORTING LIMIT µg/m³	RESULT ppb	REPORTING LIMIT ppb
71-43-2	Benzene	ND	5.0	ND	1.6
108-88-3	Toluene	6.5	5.0	1.7	1.3
100-41-4	Ethylbenzene	3.6 TR	5.0	0.83 TR	1.2
136777-61-2	*m,p* -Xylenes	12	5.0	2.8	1.2
95-47-6	o-Xylene	11	5.0	2.5	1.2

TR = Detected Below Indicated Reporting Limit
ND = Not Detected

Verified By: RC Date: 3/5/01

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RESULTS OF ANALYSIS

PAGE 1 OF 1

Client : New York State Electric & Gas Corporation

Client Sample ID : SVE Leg 3 Final Effluent
PAI Sample ID : P2100344-002

Test Code : GC/MS Mod. EPA TO-15
Instrument : HP5973/Tekmar AUTOCan Elite
Analyst : Wade Henton
Matrix : Tedlar Bag

Date Sampled : 2/14/01
Date Received : 2/16/01
Date Analyzed : 2/16/01
Volume(s) Analyzed : 0.200 Liter(s)

D.F. = 1.00

CAS #	COMPOUND	RESULT µg/m³	REPORTING LIMIT µg/m³	RESULT ppb	REPORTING LIMIT ppb
71-43-2	Benzene	6.3	5.0	2.0	1.6
108-88-3	Toluene	32	5.0	8.4	1.3
100-41-4	Ethylbenzene	30	5.0	6.8	1.2
136777-61-2	*m,p* -Xylenes	280	5.0	64	1.2
95-47-6	o-Xylene	280	5.0	66	1.2

TR = Detected Below Indicated Reporting Limit
ND = Not Detected

Verified By: RG Date: 3/5/01

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RESULTS OF ANALYSIS

PAGE 1 OF 1

Client : New York State Electric & Gas Corporation

Client Sample ID : Method Blank
PAI Sample ID : P010216-MB

Test Code : GC/MS Mod. EPA TO-15
Instrument : HP5973/Tekmar AUTOCan Elite
Analyst : Wade Henton
Matrix : Tedlar Bag

Date Sampled : NA
Date Received : NA
Date Analyzed : 2/16/01
Volume(s) Analyzed : 1.00 Liter(s)

D.F. = 1.00

CAS #	COMPOUND	RESULT µg/m³	REPORTING LIMIT µg/m³	RESULT ppb	REPORTING LIMIT ppb
71-43-2	Benzene	ND	1.0	ND	0.31
108-88-3	Toluene	ND	1.0	ND	0.27
100-41-4	Ethylbenzene	ND	1.0	ND	0.23
136777-61-2	*m,p* -Xylenes	ND	1.0	ND	0.23
95-47-6	o-Xylene	ND	1.0	ND	0.23

TR = Detected Below Indicated Reporting Limit
ND = Not Detected

Verified By: RG Date: 3/5/01

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Performance Analytical
314 North Pearl Street
Albany, New York 12207
518 434 4546/434 0881 FAX

2665 Park Center Drive
Suite D
Simi Valley, CA 93065
(805) 526-7161

Adirondack Environmental Services, Inc.

A full service analytical research laboratory offering solutions to environmental concerns

CHAIN OF CUSTODY RECORD

P2100344

Client Name:	Address:
IT Corporation	13 British American Blvd, Latham, NY 12110
Send Report To:	**Project Name (Location)**	**Samplers: (Names)**
Grant Anderson	NYSEG Norwich	Jen Kiburz
Client Phone No: 518 783 1996	**PO Number:**	**Samplers: (Signature)**
Client Fax No: 518 783 8397		

AES Sample Number	Client Sample Identification & Location	Date Sampled	Time A=a.m. P=p.m.		Matrix	Sample Type Grab	Sample Type Comp	Number of Cont's	Analysis Required
	SVE Leg 3 Blower EA West	2/14/01	1510	A (P)	Air		X	1	TO-14 (BTEX only)
	SVE Leg 3 Final EA West	2/14/01	1520	A (P)	Air		X	1	TO-14 (BTEX only)
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					

Turnaround Time Request:
☐ 1 Day ☐ 3 Day ☒ Normal
☐ 2 Day ☐ 5 Day

CC Report To:

Special Instructions/Remarks:
Direct Bill NYSEG
Attn: John Rusportini

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	**Received by Laboratory by:**	**Date/Time**
	Sharon Malone 2/16/01 10:35	2-15-01 1530

Temperature	Properly Preserved	Received Within Holding Times
Ambient or Chilled	Y N	Y N
Notes:	Notes:	Notes:

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

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Route To: Grant Anderson
JUN 25
Proj: NYSEG Norwich
File Code: 8A

LABORATORY REPORT

Client:	IT CORPORATION	Date of Report:	06/08/01
Address:	13 British American Blvd.	Date Received:	05/23/01
	Latham, NY 12110	PAI Project No:	P2101123
Contact:	Mr. Grant Anderson	Purchase Order:	Verbal
Client Project ID: NYSEG Norwich		New York ELAP:	11221

Two (2) Tedlar Bag Samples labeled: "Leg 1 Final Effluent" and "Leg 1 Blower Effluent"

The samples were received at the laboratory under chain of custody on May 23, 2001. The samples were received intact. The dates of analyses are indicated on the attached data sheets.

BTEX Analysis

The samples were analyzed by combined gas chromatography/mass spectrometry (GC/MS) for Benzene, Toluene, Ethylbenzene and total Xylenes. The analyses were performed according to the methodology outlined in EPA Method TO-15. However, the method was modified to include the use of Tedlar bags. The analyses were performed by gas chromatography/mass spectrometry, utilizing a direct cryogenic trapping technique. The analytical system used was comprised of a Hewlett Packard Model 5973 GC/MS/DS interfaced to a Tekmar AutoCan Elite whole air inlet system/cryogenic concentrator. A 100% Dimethylpolysiloxane capillary column (RT_x-1, Restek Corporation, Bellefonte, PA) was used to achieve chromatographic separation.

The results of analyses are given on the attached data sheets.

Reviewed and Approved:

Cindy Yoon
Analytical Chemist

Reviewed and Approved:

Chris Parnell
Senior Chemist

Performance Analytical Inc.
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RESULTS OF ANALYSIS

Client : IT Corporation

Client Sample ID : Leg 1 Blower Effluent
PAI Sample ID : P2101123-002

Test Code : Modified EPA TO-15
Instrument : HP5973/Tekmar AUTOCan Elite
Analyst : Cindy Yoon/Wade Henton
Matrix : Tedlar Bag

Date Sampled : 5/22/01
Date Received : 5/23/01
Date Analyzed : 5/23/01
Volume(s) Analyzed : 0.20 Liter(s)

D.F. = 1.00

CAS #	COMPOUND	RESULT µg/m³	REPORTING LIMIT µg/m³	RESULT ppbV	REPORTING LIMIT ppbV
71-43-2	Benzene	7.3	5.0	2.3	1.6
108-88-3	Toluene	43	5.0	12	1.3
100-41-4	Ethylbenzene	20	5.0	4.5	1.2
136777-61-2	*m,p*-Xylenes	43	5.0	10	1.2
95-47-6	o-Xylene	56	5.0	13	1.2

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

Verified By: KR Date: 6/7/01

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RESULTS OF ANALYSIS

Client : IT Corporation

Client Sample ID : Leg 1 Final Effluent
PAI Sample ID : P2101123-001

Test Code : Modified EPA TO-15
Instrument : HP5973/Tekmar AUTOCan Elite
Analyst : Cindy Yoon/Wade Henton
Matrix : Tedlar Bag

Date Sampled : 5/22/01
Date Received : 5/23/01
Date Analyzed : 5/23/01
Volume(s) Analyzed : 0.20 Liter(s)

D.F. = 1.00

CAS #	COMPOUND	RESULT µg/m³	REPORTING LIMIT µg/m³	RESULT ppbV	REPORTING LIMIT ppbV
71-43-2	Benzene	ND	5.0	ND	1.6
108-88-3	Toluene	39	5.0	10	1.3
100-41-4	Ethylbenzene	35	5.0	8.0	1.2
136777-61-2	*m,p*-Xylenes	190	5.0	44	1.2
95-47-6	o-Xylene	190	5.0	44	1.2

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

Verified By: KR Date: 6/7/01

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RESULTS OF ANALYSIS

Client : IT Corporation

Client Sample ID : Method Blank
PAI Sample ID : P010523-MB

Test Code : Modified EPA TO-15
Instrument : HP5973/Tekmar AUTOCan Elite
Analyst : Cindy Yoon/Wade Henton
Matrix : Tedlar Bag

Date Sampled : NA
Date Received : NA
Date Analyzed : 5/23/01
Volume(s) Analyzed : 1.00 Liter(s)

D.F. = 1.00

CAS #	COMPOUND	RESULT µg/m³	REPORTING LIMIT µg/m³	RESULT ppbV	REPORTING LIMIT ppbV
71-43-2	Benzene	ND	1.0	ND	0.31
108-88-3	Toluene	ND	1.0	ND	0.27
100-41-4	Ethylbenzene	ND	1.0	ND	0.23
136777-61-2	*m,p*-Xylenes	ND	1.0	ND	0.23
95-47-6	o-Xylene	ND	1.0	ND	0.23

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

Verified By: KR Date: 6/7/01

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Performance Analytical Inc.
Sample Acceptance Check Form

Client: IT Corporation Work order: P2101123

Project: NYSEG Norwich

Cooler/Samples received on: 5/23/01 Date opened: 5/23/01 by SM

		Yes	No	N/A
1	Were **custody seals** on outside of cooler/Box?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date correct?	☐	☐	☒
	Were seals intact?	☐	☐	☒
	Were **custody seals** on outside of sample container?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date correct?	☐	☐	☒
	Were seals intact?	☐	☐	☒
2	Were **sample containers** clearly marked with client sample ID and date of collection?	☒	☐	☐
3	Were **sample containers** checked for integrity and did they arrive in good condition?	☒	☐	☐
4	Were correct **sample containers** used for test(s) indicated?	☒	☐	☐
5	Were **chain-of-custody** papers properly used and filled out?	☒	☐	☐
6	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
7	Was adequate **sample volume** submitted?	☒	☐	☐
8	Are samples within specifide holding times?	☒	☐	☐
9	Was proper **temperature** of cooler at receipt adhered to?	☐	☐	☒
	Cooler Temperature NA °C			
	Blank Temperature NA °C			
10	Is **preservation** necessary, according to sample type and Client specific information?	☐	☒	☐
	Were samples submitted preserved?	☐	☒	☐
	Did analyst preserve the samples at lab?	☐	☒	☐
	Were **VOA vials** checked for pressence/absence of air bubbles?	☐	☐	☒
	pH of samples checked by analyst?	☐	☐	☒

Lab Sample ID	Required pH	pH	Comply (Y/N)	Headspace (Presence/Absence)	Comply (Y/N)	Reagent Added (if necessary)	Volume Added
2101123-001				NA			
2101123-002				NA			

Explain any discrepancies: (include lab sample ID numbers): _____

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O. Box 418, Manchester, CT 06040
Tel: (860) 645-1102 Fax (860) 645-0823
Client Services (860) 645-8726

P210123

CHAIN OF CUSTODY RECORD

DATE RCVD: _____

Customer: IT Corporation
Address: 13 British American Blvd.
Latham, NY 12110

Project: NYSEG Norwich
Report To: Grant Anderson
Invoice To: _____

Project P.O.: _____
Phone #: (518) 783-1996
Fax #: (518) 783-8397

Client Sample – Information – Identification

Sampler's Signature Date

X

Analysis Requested

Item #	Customers Sample Ident	Sample Matrix	Date	Time	TO 14 BTEX Only	Tedlar Bag	VOA VIALS	PL.( ) GL.( ) HNO_3 ( ) ML.	PL.( ) GL.( ) $+ N_2OH$ ( ) ML.	PL.( ) GL.( ) AS IS ( ) ML.	GL + H_2SO_4 ( ) ML.	Field Filtered + HNO_3 ( ) ML.	Bacteria Bottle	PHOENIX SAMPLE #
1	Final Leg1 Effluent	Air	5/22/01	0750	X	1								
2	Blank Leg1 Effluent	Air	5/22/01	0755	X	1								

Item #	Relinquished by:	Accepted by:	Date:	Time:
1-2			5-22-01	1600
		Sharon Malone	5-23-01	1040

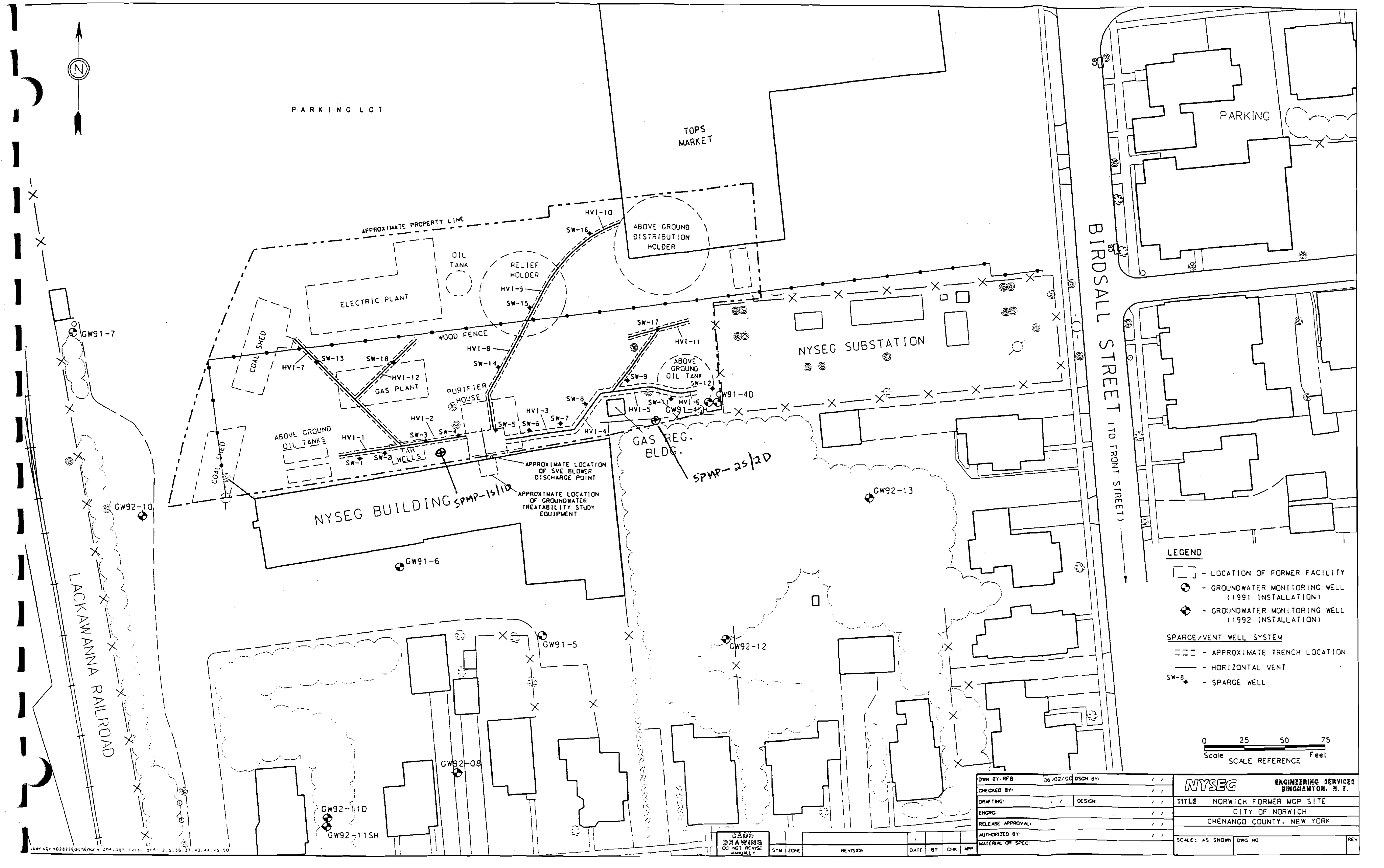
Comments: Sent To: Performance Analytical
2665 Park Center Drive
Suite D
Simi Valley, CA 93065
(805) 526-7161

Standard lab turnaround is 10 working days. Accelerated turnarounds are always available. Check with office on prevailing surcharge. ACCELERATED TURN-AROUND TIME REQUESTED: ___1 ___2 ___3 ___4 ___5 working days.

* Bill NYSEG Directly
Attn: John Ruspantini

APPENDIX B

SITE MAP


N
PARKING LOT
TOPS MARKET
PARKING
APPROXIMATE PROPERTY LINE
ABOVE GROUND DISTRIBUTION HOLDER
OIL TANK
RELIEF HOLDER
ELECTRIC PLANT
COAL SHED
WOOD FENCE
GAS PLANT
PURIFIER HOUSE
ABOVE GROUND OIL TANKS
TAR WELLS
ABOVE GROUND OIL TANK
NYSEG SUBSTATION
GAS REG. BLDG.
NYSEG BUILDING
APPROXIMATE LOCATION OF SVE BLOWER DISCHARGE POINT
APPROXIMATE LOCATION OF GROUNDWATER TREATABILITY STUDY EQUIPMENT
SPMP-1S/1D
SPMP-2S/2D
HVI-1
HVI-2
HVI-3
HVI-4
HVI-5
HVI-6
HVI-7
HVI-8
HVI-9
HVI-10
HVI-11
HVI-12
SW-1
SW-2
SW-3
SW-4
SW-5
SW-6
SW-7
SW-8
SW-9
SW-11
SW-12
SW-13
SW-14
SW-15
SW-16
SW-17
SW-18
GW91-4D
GW91-4SH
GW91-5
GW91-6
GW91-7
GW92-08
GW92-10
GW92-11D
GW92-11SH
GW92-12
GW92-13
LACKAWANNA RAILROAD
BIRDSALL STREET
(TO FRONT STREET)
LEGEND
- LOCATION OF FORMER FACILITY
- GROUNDWATER MONITORING WELL (1991 INSTALLATION)
- GROUNDWATER MONITORING WELL (1992 INSTALLATION)
SPARGE/VENT WELL SYSTEM
- APPROXIMATE TRENCH LOCATION
- HORIZONTAL VENT
SW-8 - SPARGE WELL
0 25 50 75
Scale Feet
SCALE REFERENCE
CADD DRAWING DO NOT REVISE MANUALLY
SYM ZONE REVISION DATE BY CHK APP
DWN BY: RFB 06/02/00 DSGN BY:
CHECKED BY:
DRAFTING: DESIGN:
ENGRG:
RELEASE APPROVAL:
AUTHORIZED BY:
MATERIAL OR SPEC:
NYSEG
ENGINEERING SERVICES BINGHAMTON, N. Y.
TITLE NORWICH FORMER MGP SITE
CITY OF NORWICH
CHENANGO COUNTY, NEW YORK
SCALE: AS SHOWN DWG NO
REV