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March 4, 2002

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 – July, 2001 to December, 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 July 1, 2001 through December 31, 2001.

Total run time for the air sparge and soil vapor extraction (SVE) system during the current reporting period was approximately 74%. The failure of the SVE blower motor was responsible for the majority of the downtime (38 days) during the current reporting period. One day of downtime was experienced during July 2001 due to the failure of the equipment enclosure ventilation fan. Three days of downtime were experienced in September 2001 due to a high temperature alarm on the SVE system. The downtime in December (11 days) was due to the failure of the heat exchanger flexible discharge hose. The need for the replacement of the heat exchanger discharge hose was observed during early December and was subsequently repaired on December 17. The majority of the flexible process hose at the site has now been replaced with flexible steel galvanized hose, which should prevent further occurrences of downtime due to hose failures. One remaining partial section of non-metallic hose located between the heat exchanger and the vapor phase carbons will be replaced during the next reporting period. The 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 65%.

Enhancements were installed at the site between December 3 and December 21, 2001 to allow for the treatment of subsurface soils and groundwater to the south of the NYSEG building, in the vicinity of GW91-6. This work consisted of the installation of eight air sparge wells, approximately 150 lineal feet of horizontal vent piping, and three additional monitoring wells. Provisions were made to connect the new air sparge and SVE piping to the existing treatment system. Details of these activities can be found in "*Interim Remedial Measures Work Plan for System Enhancement, Norwich Former MGP Site, Norwich, NY, Prepared by IT Corporation, November 20, 2001*". Start-up and monitoring of the system enhancement will be performed in January 2002 and findings will be presented in the next semi-annual report.

The following sections present data associated with each component of the air sparge/SVE system from July 1, 2001 through December 31, 2001.

OPERATION AND MAINTENANCE

Operation and Maintenance (O&M) visits were performed monthly during the reporting period. O&M visits were performed on July 12, August 7, September 28, October 16, November 20, and December 28, 2001. Additional site visits were conducted on July 24 and 25, 2001 to repair the ventilation fan for the equipment enclosure which had failed. An additional site visit was also performed on October 1, 2001 in response to a system alarm indicating a high temperature condition in the SVE system. Site work was also performed on October 25, November 2, 15 and 19 to accommodate the diagnosis, removal and subsequent replacement of the SVE blower motor, which was found to have failed during the October 16, 2001 O&M visit.

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 ventilation fan for the equipment enclosure was found to have failed during a site visit on July 24, 2001. The treatment system was temporarily shut down until a replacement ventilation fan could be obtained. A replacement ventilation fan was re-installed on July 25, 2001 and the system was returned to normal operation.

The most significant event to affect system operation was the failure of the SVE blower motor during October 2001. Due to the size and weight of the motor (approximately 600 pounds), it was necessary to perform the initial diagnosis of the motor at the project site. A determination was then made that the motor would require either a major overhaul or replacement. Specialized lifting equipment was utilized to remove the motor on November 2, 2001 and the motor was subsequently brought to a factory authorized service center for evaluation. This evaluation indicated an overhaul of the motor would be more costly than the purchase of a replacement motor. A new motor was brought to the site and installed on November 15, 2001. Final electrical connections were performed by an electrician from Allied Electric, Incorporated on November 19, 2001. The SVE and air sparge systems were returned to normal service on November 19, 2001.

During site work associated with the system enhancement being performed in December 2001, the hose connecting the heat exchanger to the vapor phase carbons was observed to be deteriorating. Project personnel attempted to make temporary repairs and system operation was maintained from December 3 through December 6, 2001, utilizing these temporary repairs. As a result of the poor condition of the fabric based hose, the system was shut down on December 6, 2001 until replacement materials could be obtained and installed. The installation of the new flexible steel transfer hose was performed on December 17, 2001, at which time the system was restarted.

A remote telemetry unit (RTU) was installed on April 23, 2001. This unit was designed notify IT Corporation personnel in the event of a system shutdown. Project personnel were alerted of alarm conditions on two occasions during the current reporting period. An alarm was received on September 30, 2001 indicating a high SVE temperature condition. An alarm was also received on October 12, 2001 indicating a low pressure condition in the SVE system, later identified as the failure of the SVE blower motor.

SOIL VAPOR EXTRACTION SYSTEM

The SVE system was initially 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 1,184 standard cubic feet per minute (scfm) during the reporting period as measured at the SVE blower effluent. Calculations show a total of 4.39 pounds of Benzene, Toluene, Ethylbenzene and total Xylene (BTEX) were removed during the current reporting period and a cumulative total of 456.72 pounds of BTEX removed since start-up. A total of 577.87 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**. Less than one gallon of condensate was 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.

Vapor phase carbon units were changed out on December 21, 2001. This will allow the throughput of potential higher concentrations of VOCs as a result of operating the additional air

sparge/SVE leg which was recently installed. Start-up of the new leg is currently scheduled for January, 2002.

Air samples were collected for laboratory analysis during the August, 2001 site visit 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 periodically 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 initially 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 10.2 scfm during the period, with an average flow of approximately 57.9 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 August 7 and November 20, 2001. The groundwater samples were analyzed per USEPA

Method 8021 for VOCs and USEPA Method 8270 for SVOCs (PAHs only). 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.

Groundwater sampling events are scheduled to be performed in February and May, 2002. Analytical results will be reported in the next status report.

PROPOSED ACTIVITIES

Proposed activities for the next reporting period include:

- Start-up and monitoring of the recently installed air sparge and SVE points.
- 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 February and May 2002. 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. Newly installed monitoring wells GW01-14, GW01-15S and GW01-15D will be added to the quarterly regime. 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

Michael P. Sykes, P.E.
Staff Engineer

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	0.9200	0.1007	0.3115	0.00	0.00	0.00	0.00
12/21/99	96 /90	93.75%	6933	1361	23.80	0.8800	0.0952	0.4090	8.57	36.81	8.57	36.81
01/07/00	119 /101	84.87%	7000	1374	4.73	0.8300	0.0906	0.3044	9.15	30.75	17.72	67.56
01/11/00	96 /93	96.88%	7000	1374	5.00	0.8100	0.0885	0.1043	8.23	9.70	25.95	77.26
02/14/00	816 /800	98.04%	7000	1374	11.63	0.6800	0.0743	0.1783	59.41	142.65	85.36	219.91
02/21/00	168 /165	98.21%	7000	1374	11.63	0.4000	0.0437	0.2494	7.21	41.15	92.57	261.07
03/03/00	264 /75	28.41%	6967	1368	10.00	0.3200	0.0348	0.2314	2.61	17.35	95.17	278.42
03/21/00	432 /428	99.07%	6967	1368	10.00	0.1800	0.0196	0.2134	8.37	91.33	103.55	369.75
04/14/00	576 /362	62.85%	6767	1329	1.73	0.1300	0.0137	0.1234	4.97	44.67	108.52	414.41
05/03/00	456 /453	99.34%	7300	1433	2.97	0.1110	0.0126	0.0506	5.73	22.93	114.24	437.35
06/15/00	1032 /300	29.07%	6933	1361	0.00	0.0900	0.0097	0.0323	2.92	9.70	117.16	447.05
07/24/00	936 /934	99.79%	7233	1420	5.67	2.1000	0.2370	0.0615	221.34	57.41	338.50	504.46
08/17/00	576 /16	2.78%	7233	1420	3.53	2.0000	0.2257	0.1019	3.61	1.63	342.11	506.09
09/13/00	648 /161	24.85%	7250	1424	2.47	1.8000	0.2036	0.0665	32.78	10.71	374.89	516.80
10/16/00	792 /406.2	51.29%	4500	884	2.00	0.6500	0.0456	0.0402	18.54	16.32	393.43	533.13
11/09/00	576 /2.8	0.49%	6750	1325	1.50	0.5200	0.0548	0.0302	0.15	0.08	393.58	533.21
12/19/00	960 /786	81.88%	6500	1276	1.00	0.2800	0.0284	0.0254	22.32	19.94	415.90	553.15
01/17/01	696 /1.5	0.22%	6750	1325	0.00	0.2200	0.0232	0.0101	0.03	0.02	415.93	553.16
02/14/01	672 /457	68.01%	6750	1325	0.00	0.1500	0.0158	0.0000	7.22	0.00	423.15	553.16
03/27/01	984 /984	100.00%	6750	1325	0.00	0.1400	0.0147	0.0000	14.51	0.00	437.66	553.16
04/23/01	648 /1.1	0.17%	7000	1374	0.00	0.1200	0.0131	0.0000	0.01	0.00	437.68	553.16
05/21/01	672 /664	98.81%	7083	1391	0.00	0.1100	0.0122	0.0000	8.07	0.00	445.75	553.16
06/15/01	600 /598	99.67%	7067	1388	1.20	0.1000	0.0110	0.0130	6.59	7.78	452.34	560.94
07/12/01	648 /647	99.85%	7000	1374	0.00	0.0514	0.0056	0.0129	3.63	8.36	455.97	569.30
08/07/01	624 /600	96.15%	7167	1407	0.00	0.0028	0.0003	0.0000	0.19	0.00	456.16	569.30
09/28/01	1248 /1247	99.92%	6933	1361	0.00	0.0028	0.0003	0.0000	0.37	0.00	456.53	569.30
10/01/01	72 /24	33.33%	5849	1148	0.00	0.0028	0.0003	0.0000	0.01	0.00	456.54	569.30
11/20/01	1200 /292	24.33%	4763	935	0.00	0.0028	0.0002	0.0000	0.06	0.00	456.59	569.30
12/28/01	912 /648	71.05%	4483	880	1.87	0.0028	0.0002	0.0132	0.13	8.56	456.72	577.87
Averages		64.7%	6688	1313	4.0			0.09		19.93		

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	0.120	100,000	7.700
08/07/01	Benzene	ND	NS	ND	0.120	0.000	30	0.000
	Toluene	0.002	NS	0.002	1400	0.000	100,000	0.100
	Ethyl Benzene	ND	NS	ND	2000	0.000	45,000	0.000
	Xylenes	0.009	NS	0.027	300	0.030	100,000	1.800

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
7/12/01	On / 7.65	2.63	2.91	1.23	1.74
8/7/01	On / 6.59	2.59	2.78	0.67	1.01
9/28/01	On / 14.12	8.33	5.50	1.22	0.93
10/16/01	Off / 0.0	NM	NM	NM	NM
11/20/01	On / 10.29	4.52	Dry	0.45	1.27
12/28/01	On / 10.47	13.61	NM	3.70	5.62

NM - Not Measured
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)

	11/01			8/01			6/01		
	VOCs	SVOCs	Naphth.	VOCs	SVOCs	Naphth.	VOCs	SVOCs	Naphth.
GW91-4SH	NS	NS	NS	NS	NS	NS	NS	NS	NS
GW91-4D	NS	NS	NS	NS	NS	NS	NS	NS	NS
GW91-5	34	ND	ND	1	ND	ND	3	ND	ND
GW91-6	1107	381	900	1510	440	1400	NS	NS	NS
GW92-08	504	181	12	129	166	16	676	82	ND
GW-92-11D	8	ND	ND	5	ND	ND	NS	NS	NS
GW92-11SH	NS*	NS*	NS*	ND	ND	ND	3	ND	ND
SPMP-1S	NS**	NS**	NS**	157	740	28	NS	NS	NS
SPMP-2S	232	653	40	195	557	48	NS	NS	NS
GW92-12	ND	ND	ND	ND	ND	ND	ND	ND	ND

Naphth. = Naphthalene (Method 8270)

NS* - No recovery after well purging

NS** - Well dry

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

	5/01			2/01			11/00		
	VOCs	SVOCs	Naphth.	VOCs	SVOCs	Naphth.	VOCs	SVOCs	Naphth.
GW91-4SH	5	ND	ND	11	ND	ND	30.9	40	6
GW91-4D	1	ND	6	ND	ND	ND	14	86	18
GW91-5	NS	NS	NS	NS	NS	NS	NS	NS	NS
GW91-6	2,545	3,518	1,800	1,300	2,400	3,100	1,357	3,433	3,200
GW92-08	NS	NS	NS	NS	NS	NS	NS	NS	NS
GW-92-11D	78	61	12	0.5	ND	ND	NS	NS	NS
GW92-11SH	NS	NS	NS	NS	NS	NS	NS	NS	NS
SPMP-1S	139	1,965	330	167	4,860	110	NS	NS	NS
SPMP-2S	114	615	46	68	449	26	NS	NS	NS
GW92-12									

Naphth. = Naphthalene
(Method 8270)

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

	8/00			7/00		5/00		
	VOCs	SVOCs	Naphth.	SVOCs	Naphth.	VOCs	SVOCs	Naphth.
GW91-4SH	16	ND	ND	NS	NS	3.0	324	ND
GW91-4D	9	ND	14	NS	NS	1.0	ND	22.0
GW91-5	NS	NS		NS	NS	NS	NS	NS
GW91-6	1,110	ND	3200	NS	NS	2,170	ND	5,500
GW92-08	88	175	ND	NS	NS	NS	NS	NS
GW-92-11D	3	ND	ND	NS	NS	182	ND	430
GW92-11SH	NS	NS	NS	NS	NS	NS	NS	NS
SPMP-1S	351	10,250	1,500	NS	NS	*4,901	10,460	1,600
SPMP-2S	103	1,061	92	**1,290	NS	*300	Sample Damaged @ Lab	150.0
GW92-12								

Naphth. = Naphthalene
(Method 8270)

* - Samples were collected in June, 2000

** - 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)

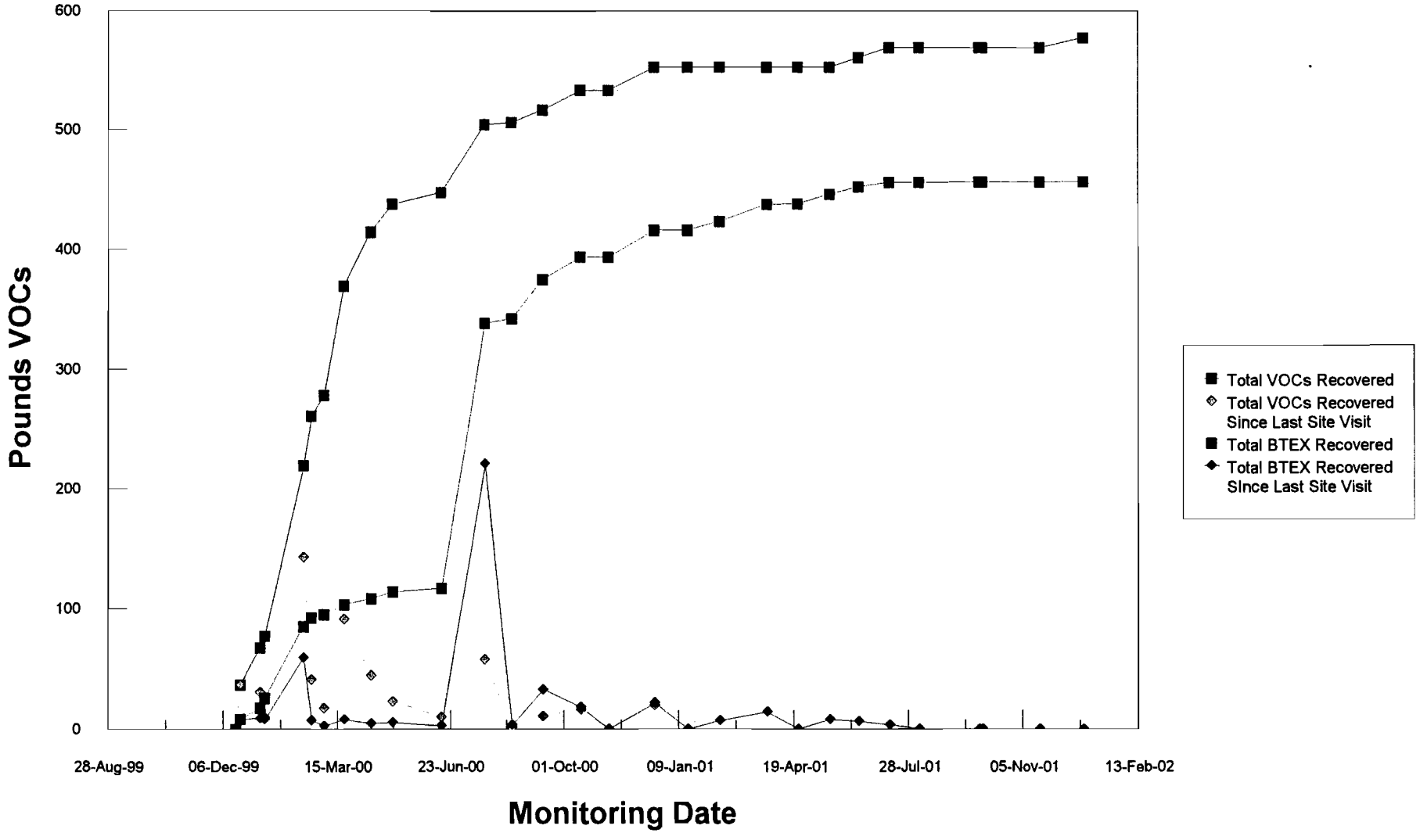
	5/99			1998		
	VOCs	SVOCs	Naphth.	VOCs	SVOCs	Naphth.
GW91-4SH	61.1	62.0	NS	37.6	134.3	8.0
GW91-4D	29.9	Sample Damaged @ Lab	NS	38.5	72.0	110
GW91-5	81.5	33.0	NS	NS	NS	NS
GW91-6	2,229	586	NS	2,432	210	3600
GW92-08	943.9	NS	NS	898.5	NS	NS
GW-92-11D	10.5	NS	NS	70.1	NS	NS
GW92-11SH	3.5	NS	NS	3.0	NS	NS
SPMP-1S	NS	NS	NS	NS	NS	NS
SPMP-2S	NS	NS	NS	NS	NS	NS
GW92-12						

Naphth. = Naphthalene
(Method 8270)

FIGURES

Figure 1 - Soil Vapor Extraction System VOC Recovery

NYSEG Norwich



M:/191reps/Nyseg/8196 Tab1 Fig1-July-Dec 2001.123

Appendix "A"

LABORATORY REPORT

Grant Anderson

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NYSEG Norwich, NA

LABORATORY REPORT

for

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

Attention: John Ruspantini

Report date: 12/06/01
Number of samples analyzed: 8
AES Project ID: 011121 B
Invoice #: 235269

CC: I.T. Corp-G.A.

ELAP ID#: 10709

AIHA ID#: 100307

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW91-5
AES sample #: 011121 B01
Samples taken by: R. Hyde
MATRIX: Water
Date Sampled: 11/20/01
Date sample received: 11/21/01
Location: NYSEG Norwich
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Benzene	EPA-8021	1	ug/l	SO-A	11/26/01
Ethylbenzene	EPA-8021	16	ug/l	SO-A	11/26/01
Toluene	EPA-8021	<1	ug/l	SO-A	11/26/01
o-Xylene	EPA-8021	7	ug/l	SO-A	11/26/01
m,p-Xylene	EPA-8021	<1	ug/l	SO-A	11/26/01
Isopropyl Benzene	EPA-8021	1	ug/l	SO-A	11/26/01
n-Propylbenzene	EPA-8021	<1	ug/l	SO-A	11/26/01
p-Cymene	EPA-8021	<1	ug/l	SO-A	11/26/01
1,2,4-Trimethylbenzene	EPA-8021	6	ug/l	SO-A	11/26/01
1,3,5-TMB & Sec-BB Total	EPA-8021	3	ug/l	SO-A	11/26/01
n-Butylbenzene	EPA-8021	<1	ug/l	SO-A	11/26/01
Naphthalene	EPA-8021	<5	ug/l	SO-A	11/26/01
Methyl-t-Butyl Ether	EPA-8021	<2	ug/l	SO-A	11/26/01
t-Butylbenzene	EPA-8021	<1	ug/l	SO-A	11/26/01
Naphthalene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Acenaphthylene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Acenaphthene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Fluorene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Phenanthrene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Anthracene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW91-5
AES sample #: 011121 B01
Samples taken by: R. Hyde
MATRIX: Water
Date Sampled: 11/20/01
Date sample received: 11/21/01
Location: NYSEG Norwich
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Fluoranthene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Pyrene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Chrysene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Benzo(b)fluoranthene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Benzo(k)fluoranthene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Benzo(a)pyrene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Indeno(1,2,3-cd)pyrene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Dibenzo(a,h)anthracene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Benzo(g,h,i)perylene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Benzo(a)anthracene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
2-Methylnaphthalene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Dibenzofuran	EPA-8270	<10	ug/l	MT-CB-49	12/03/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW91-6
AES sample #: 011121 B02
Samples taken by: R. Hyde
MATRIX: Water
Date Sampled: 11/20/01
Date sample received: 11/21/01
Location: NYSEG Norwich
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Benzene	EPA-8021	100	ug/l	SO-A	11/26/01
Ethylbenzene	EPA-8021	520	ug/l	SO-A	11/26/01
Toluene	EPA-8021	<50	ug/l	SO-A	11/26/01
o-Xylene	EPA-8021	206	ug/l	SO-A	11/26/01
m,p-Xylene	EPA-8021	<50	ug/l	SO-A	11/26/01
Isopropyl Benzene	EPA-8021	<50	ug/l	SO-A	11/26/01
n-Propylbenzene	EPA-8021	<50	ug/l	SO-A	11/26/01
p-Cymene	EPA-8021	<50	ug/l	SO-A	11/26/01
1,2,4-Trimethylbenzene	EPA-8021	200	ug/l	SO-A	11/26/01
1,3,5-TMB & Sec-BB Total	EPA-8021	81	ug/l	SO-A	11/26/01
n-Butylbenzene	EPA-8021	<50	ug/l	SO-A	11/26/01
Naphthalene	EPA-8021	2500	ug/l	SO-A	11/26/01
Methyl-t-Butyl Ether	EPA-8021	<100	ug/l	SO-A	11/26/01
t-Butylbenzene	EPA-8021	<50	ug/l	SO-A	11/26/01
Naphthalene	EPA-8270	900	ug/l	MT-CB-49	12/03/01
Acenaphthylene	EPA-8270	11	ug/l	MT-CB-49	12/03/01
Acenaphthene	EPA-8270	120	ug/l	MT-CB-49	12/03/01
Fluorene	EPA-8270	32	ug/l	MT-CB-49	12/03/01
Phenanthrene	EPA-8270	47	ug/l	MT-CB-49	12/03/01
Anthracene	EPA-8270	11	ug/l	MT-CB-49	12/03/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW91-6
AES sample #: 011121 B02
Samples taken by: R. Hyde
MATRIX: Water
Date Sampled: 11/20/01
Date sample received: 11/21/01
Location: NYSEG Norwich
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Fluoranthene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Pyrene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Chrysene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Benzo(b)fluoranthene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Benzo(k)fluoranthene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Benzo(a)pyrene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Indeno(1,2,3-cd)pyrene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Dibenzo(a,h)anthracene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Benzo(g,h,i)perylene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Benzo(a)anthracene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
2-Methylnaphthalene	EPA-8270	160	ug/l	MT-CB-49	12/03/01
Dibenzofuran	EPA-8270	<10	ug/l	MT-CB-49	12/03/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW92-8
AES sample #: 011121 B03
Samples taken by: R. Hyde
MATRIX: Water
Date Sampled: 11/20/01
Date sample received: 11/21/01
Location: NYSEG Norwich
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Benzene	EPA-8021	94	ug/l	SO-A	11/26/01
Ethylbenzene	EPA-8021	280	ug/l	SO-A	11/27/01
Toluene	EPA-8021	3	ug/l	SO-A	11/26/01
o-Xylene	EPA-8021	57	ug/l	SO-A	11/26/01
m,p-Xylene	EPA-8021	8	ug/l	SO-A	11/26/01
Isopropyl Benzene	EPA-8021	28	ug/l	SO-A	11/26/01
n-Propylbenzene	EPA-8021	8	ug/l	SO-A	11/26/01
p-Cymene	EPA-8021	<1	ug/l	SO-A	11/26/01
1,2,4-Trimethylbenzene	EPA-8021	4	ug/l	SO-A	11/26/01
1,3,5-TMB & Sec-EB Total	EPA-8021	17	ug/l	SO-A	11/26/01
n-Butylbenzene	EPA-8021	5	ug/l	SO-A	11/26/01
Naphthalene	EPA-8021	25	ug/l	SO-A	11/26/01
Methyl-t-Butyl Ether	EPA-8021	<2	ug/l	SO-A	11/26/01
t-Butylbenzene	EPA-8021	<1	ug/l	SO-A	11/26/01
Naphthalene	EPA-8270	12	ug/l	MT-CB-49	12/03/01
Acenaphthylene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Acenaphthene	EPA-8270	55	ug/l	MT-CB-49	12/03/01
Fluorene	EPA-8270	16	ug/l	MT-CB-49	12/03/01
Phenanthrene	EPA-8270	21	ug/l	MT-CB-49	12/03/01
Anthracene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW92-8
AES sample #: 011121 B03
Samples taken by: R. Hyde
MATRIX: Water
Date Sampled: 11/20/01
Date sample received: 11/21/01
Location: NYSEG Norwich
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Fluoranthene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Pyrene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Chrysene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Benzo(b)fluoranthene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Benzo(k)fluoranthene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Benzo(a)pyrene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Indeno(1,2,3-cd)pyrene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Dibenzo(a,h)anthracene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Benzo(g,h,i)perylene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Benzo(a)anthracene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
2-Methylnaphthalene	EPA-8270	42	ug/l	MT-CB-49	12/03/01
Dibenzofuran	EPA-8270	47	ug/l	MT-CB-49	12/03/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW11-D
AES sample #: 011121 B04
Samples taken by: R. Hyde
MATRIX: Water
Date Sampled: 11/20/01
Date sample received: 11/21/01
Location: NYSEG Norwich
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Benzene	EPA-8021	8	ug/l	SO-A	11/26/01
Ethylbenzene	EPA-8021	<1	ug/l	SO-A	11/26/01
Toluene	EPA-8021	<1	ug/l	SO-A	11/26/01
o-Xylene	EPA-8021	<1	ug/l	SO-A	11/26/01
m,p-Xylene	EPA-8021	<1	ug/l	SO-A	11/26/01
Isopropyl Benzene	EPA-8021	<1	ug/l	SO-A	11/26/01
n-Propylbenzene	EPA-8021	<1	ug/l	SO-A	11/26/01
p-Cymene	EPA-8021	<1	ug/l	SO-A	11/26/01
1,2,4-Trimethylbenzene	EPA-8021	<1	ug/l	SO-A	11/26/01
1,3,5-TMB & Sec-BB Total	EPA-8021	<1	ug/l	SO-A	11/26/01
n-Butylbenzene	EPA-8021	<1	ug/l	SO-A	11/26/01
Naphthalene	EPA-8021	<5	ug/l	SO-A	11/26/01
Methyl-t-Butyl Ether	EPA-8021	<2	ug/l	SO-A	11/26/01
t-Butylbenzene	EPA-8021	<1	ug/l	SO-A	11/26/01
Naphthalene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Acenaphthylene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Acenaphthene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Fluorene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Phenanthrene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Anthracene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW11-D
AES sample #: 011121 B04
Samples taken by: R. Hyde
MATRIX: Water
Date Sampled: 11/20/01
Date sample received: 11/21/01
Location: NYSEG Norwich
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Fluoranthene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Pyrene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Chrysene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Benzo(b)fluoranthene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Benzo(k)fluoranthene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Benzo(a)pyrene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Indeno(1,2,3-cd)pyrene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Dibenzo(a,h)anthracene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Benzo(g,h,i)perylene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Benzo(a)anthracene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
2-Methylnaphthalene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Dibenzofuran	EPA-8270	<10	ug/l	MT-CB-49	12/03/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW11-D MS
AES sample #: 011121 B05
Samples taken by: R. Hyde
MATRIX: Water
Date Sampled: 11/20/01
Date sample received: 11/21/01
Location: NYSEG Norwich
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Benzene	EPA-8021	97	%	SO-A	11/26/01
Toluene	EPA-8021	86	%	SO-A	11/26/01
o-Xylene	EPA-8021	81	%	SO-A	11/26/01
m,p-Xylene	EPA-8021	81	%	SO-A	11/26/01
Acenaphthene	EPA-8270	63	%	MT-CB-49	12/03/01
Pyrene	EPA-8270	65	%	MT-CB-49	12/03/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW11-D MSD
AES sample #: 011121 B06
Samples taken by: R. Hyde
MATRIX: Water
Date Sampled: 11/20/01
Date sample received: 11/21/01
Location: NYSEG Norwich
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Benzene	EPA-8021	100	%	SO-A	11/26/01
Toluene	EPA-8021	90	%	SO-A	11/26/01
o-Xylene	EPA-8021	86	%	SO-A	11/26/01
m,p-Xylene	EPA-8021	87	%	SO-A	11/26/01
Acenaphthene	EPA-8270	63	%	MT-CB-49	12/03/01
Pyrene	EPA-8270	67	%	MT-CB-49	12/03/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW92-12
AES sample #: 011121 B07
Samples taken by: R. Hyde
MATRIX: Water
Date Sampled: 11/20/01
Date sample received: 11/21/01
Location: NYSEG Norwich
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Benzene	EPA-8021	<0.5	ug/l	SO-A	11/27/01
Ethylbenzene	EPA-8021	<1	ug/l	SO-A	11/27/01
Toluene	EPA-8021	<1	ug/l	SO-A	11/27/01
o-Xylene	EPA-8021	<1	ug/l	SO-A	11/27/01
m,p-Xylene	EPA-8021	<1	ug/l	SO-A	11/27/01
Isopropyl Benzene	EPA-8021	<1	ug/l	SO-A	11/27/01
n-Propylbenzene	EPA-8021	<1	ug/l	SO-A	11/27/01
p-Cymene	EPA-8021	<1	ug/l	SO-A	11/27/01
1,2,4-Trimethylbenzene	EPA-8021	<1	ug/l	SO-A	11/27/01
1,3,5-TMB & Sec-BB Total	EPA-8021	<1	ug/l	SO-A	11/27/01
n-Butylbenzene	EPA-8021	<1	ug/l	SO-A	11/27/01
Naphthalene	EPA-8021	<5	ug/l	SO-A	11/27/01
Methyl-t-Butyl Ether	EPA-8021	<2	ug/l	SO-A	11/27/01
t-Butylbenzene	EPA-8021	<1	ug/l	SO-A	11/27/01
Naphthalene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Acenaphthylene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Acenaphthene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Fluorene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Phenanthrene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Anthracene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW92-12
AES sample #: 011121 B07
Samples taken by: R. Hyde
MATRIX: Water
Date Sampled: 11/20/01
Date sample received: 11/21/01
Location: NYSEG Norwich
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Fluoranthene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Pyrene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Chrysene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Benzo(b)fluoranthene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Benzo(k)fluoranthene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Benzo(a)pyrene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Indeno(1,2,3-cd)pyrene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Dibenzo(a,h)anthracene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Benzo(g,h,i)perylene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Benzo(a)anthracene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
2-Methylnaphthalene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Dibenzofuran	EPA-8270	<10	ug/l	MT-CB-49	12/03/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: SPMP-2S
AES sample #: 011121 B08
Samples taken by: R. Hyde
MATRIX: Water
Date Sampled: 11/20/01
Date sample received: 11/21/01
Location: NYSEG Norwich
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Benzene	EPA-8021	<25	ug/l	SO-A	11/27/01
Ethylbenzene	EPA-8021	45	ug/l	SO-A	11/27/01
Toluene	EPA-8021	<50	ug/l	SO-A	11/27/01
o-Xylene	EPA-8021	41	ug/l	SO-A	11/27/01
m,p-Xylene	EPA-8021	<50	ug/l	SO-A	11/27/01
Isopropyl Benzene	EPA-8021	7	ug/l	SO-A	11/27/01
n-Propylbenzene	EPA-8021	<50	ug/l	SO-A	11/27/01
p-Cymene	EPA-8021	<50	ug/l	SO-A	11/27/01
1,2,4-Trimethylbenzene	EPA-8021	86	ug/l	SO-A	11/27/01
1,3,5-TMB & Sec-BB Total	EPA-8021	33	ug/l	SO-A	11/27/01
n-Butylbenzene	EPA-8021	20	ug/l	SO-A	11/27/01
Naphthalene	EPA-8021	1000	ug/l	SO-A	11/27/01
Methyl-t-Butyl Ether	EPA-8021	<100	ug/l	SO-A	11/27/01
t-Butylbenzene	EPA-8021	<50	ug/l	SO-A	11/27/01
Naphthalene	EPA-8270	40	ug/l	MT-CB-49	12/03/01
Acenaphthylene	EPA-8270	31	ug/l	MT-CB-49	12/03/01
Acenaphthene	EPA-8270	87	ug/l	MT-CB-49	12/03/01
Fluorene	EPA-8270	41	ug/l	MT-CB-49	12/03/01
Phenanthrene	EPA-8270	110	ug/l	MT-CB-49	12/03/01
Anthracene	EPA-8270	49	ug/l	MT-CB-49	12/03/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: SPMP-2S
AES sample #: 011121 B08
Samples taken by: R. Hyde
MATRIX: Water
Date Sampled: 11/20/01
Date sample received: 11/21/01
Location: NYSEG Norwich
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Fluoranthene	EPA-8270	62	ug/l	MT-CB-49	12/03/01
Pyrene	EPA-8270	67	ug/l	MT-CB-49	12/03/01
Chrysene	EPA-8270	31	ug/l	MT-CB-49	12/03/01
Benzo(b)fluoranthene	EPA-8270	11	ug/l	MT-CB-49	12/03/01
Benzo(k)fluoranthene	EPA-8270	14	ug/l	MT-CB-49	12/03/01
Benzo(a)pyrene	EPA-8270	27	ug/l	MT-CB-49	12/03/01
Indeno(1,2,3-cd)pyrene	EPA-8270	11	ug/l	MT-CB-49	12/03/01
Dibenzo(a,h)anthracene	EPA-8270	<10	ug/l	MT-CB-49	12/03/01
Benzo(g,h,i)perylene	EPA-8270	10	ug/l	MT-CB-49	12/03/01
Benzo(a)anthracene	EPA-8270	33	ug/l	MT-CB-49	12/03/01
2-Methylnaphthalene	EPA-8270	59	ug/l	MT-CB-49	12/03/01
Dibenzofuran	EPA-8270	10	ug/l	MT-CB-49	12/03/01

APPROVED BY:
Report date: 12/06/01

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A full service analytical research laboratory offering solutions to environmental concerns

CHAIN OF CUSTODY RECORD

Client Name: IT Corporation	**Address:** 13 British American Blvd Latham N.Y.	
Send Report To: Grant Anderson	**Project Name (Location)** NYSEG Norwich	**Samplers: (Names)** Robert Hyde
Client Phone No: 518-783-1966	**PO Number:**	**Samplers: (Signature)**
Client Fax No: 518-783-8357		

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
B01	GW91-5	11/20/01	1400 A P	W		X	3	8021/8270 PAH only
B02	GW91-6		1415 A P					
B03	GW92-8		1435 A P					
B04	GW11-D		1435 A P					
B05/B06	GW11-D MS/MSD		1435 A P					
B07	GW92-12		1450 A P					
B08	SPMP-25		1500 A P					
			A P					
			A P					
			A P					
			A P					
			A P					
			A P					
			A P					

011121 B

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

Special Instructions/Remarks

CC Report To:

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received for Laboratory by: ML	Date/Time 11/21/01 6:5' Am

Temperature Ambient or Chilled 1°C
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

Report date: 08/15/01
Number of samples analyzed: 11
AES Project ID: 010807AF
Invoice #: 231100

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 #: 010807AF01 Samples taken by: J. Kiburz
MATRIX: Water

Date Sampled: 08/07/01
Date sample received: 08/07/01
Location: NYSEG Norwich
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Benzene	EPA-8021	5	ug/l	SO-A	08/08/01
Ethylbenzene	EPA-8021	<1	ug/l	SO-A	08/08/01
Toluene	EPA-8021	<1	ug/l	SO-A	08/08/01
o-Xylene	EPA-8021	<1	ug/l	SO-A	08/08/01
m,p-Xylene	EPA-8021	<1	ug/l	SO-A	08/08/01
Isopropyl Benzene	EPA-8021	<1	ug/l	SO-A	08/08/01
n-Propylbenzene	EPA-8021	<1	ug/l	SO-A	08/08/01
p-Cymene	EPA-8021	<1	ug/l	SO-A	08/08/01
1,2,4-Trimethylbenzene	EPA-8021	<1	ug/l	SO-A	08/08/01
1,3,5-TMB & Sec-BB Total	EPA-8021	<1	ug/l	SO-A	08/08/01
n-Butylbenzene	EPA-8021	<1	ug/l	SO-A	08/08/01
Naphthalene	EPA-8021	<5	ug/l	SO-A	08/08/01
Methyl-t-Butyl Ether	EPA-8021	<2	ug/l	SO-A	08/08/01
t-Butylbenzene	EPA-8021	<1	ug/l	SO-A	08/08/01
Naphthalene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Acenaphthylene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Acenaphthene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Fluorene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Phenanthrene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Anthracene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW92-11D
AES sample #: 010807AF01
Samples taken by: J. Kiburz
MATRIX: Water
Date Sampled: 08/07/01
Date sample received: 08/07/01
Location: NYSEG Norwich
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Fluoranthene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Pyrene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Chrysene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Benzo(b)fluoranthene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Benzo(k)fluoranthene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Benzo(a)pyrene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Indeno(1,2,3-cd)pyrene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Dibenzo(a,h)anthracene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Benzo(g,h,i)perylene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Benzo(a)anthracene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
2-Methylnaphthalene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Dibenzofuran	EPA-8270	<10	ug/l	MT-CB-5	08/09/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW92-11D MS
AES sample #: 010807AF02
Samples taken by: J. Kiburz
MATRIX: Water
Date Sampled: 08/07/01
Date sample received: 08/07/01
Location: NYSEG Norwich
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Benzene	EPA-8021	111	%	SO-A	08/08/01
Toluene	EPA-8021	95	%	SO-A	08/08/01
o-Xylene	EPA-8021	95	%	SO-A	08/08/01
m,p-Xylene	EPA-8021	93	%	SO-A	08/08/01
Acenaphthene	EPA-8270	103	%	MT-CB-5	08/09/01
Pyrene	EPA-8270	140	%	MT-CB-5	08/09/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW92-11D MSD
AES sample #: 010807AF03
Samples taken by: J. Kiburz
MATRIX: Water
Date Sampled: 08/07/01
Date sample received: 08/07/01
Location: NYSEG Norwich
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Benzene	EPA-8021	112	%	SO-A	08/08/01
Toluene	EPA-8021	98	%	SO-A	08/08/01
o-Xylene	EPA-8021	88	%	SO-A	08/08/01
m,p-Xylene	EPA-8021	94	%	SO-A	08/08/01
Acenaphthene	EPA-8270	104	%	MT-CB-5	08/09/01
Pyrene	EPA-8270	140	%	MT-CB-5	08/09/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW92-11SH
AES sample #: 010807AF04 Samples taken by: J. Kiburz
MATRIX: Water

Date Sampled: 08/07/01
Date sample received: 08/07/01
Location: NYSEG Norwich
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Benzene	EPA-8021	<0.5	ug/l	SO-A	08/09/01
Ethylbenzene	EPA-8021	<1	ug/l	SO-A	08/09/01
Toluene	EPA-8021	<1	ug/l	SO-A	08/09/01
o-Xylene	EPA-8021	<1	ug/l	SO-A	08/09/01
m,p-Xylene	EPA-8021	<1	ug/l	SO-A	08/09/01
Isopropyl Benzene	EPA-8021	<1	ug/l	SO-A	08/09/01
n-Propylbenzene	EPA-8021	<1	ug/l	SO-A	08/09/01
p-Cymene	EPA-8021	<1	ug/l	SO-A	08/09/01
1,2,4-Trimethylbenzene	EPA-8021	<1	ug/l	SO-A	08/09/01
1,3,5-TMB & Sec-BB Total	EPA-8021	<1	ug/l	SO-A	08/09/01
n-Butylbenzene	EPA-8021	<1	ug/l	SO-A	08/09/01
Naphthalene	EPA-8021	<5	ug/l	SO-A	08/09/01
Methyl-t-Butyl Ether	EPA-8021	<2	ug/l	SO-A	08/09/01
t-Butylbenzene	EPA-8021	<1	ug/l	SO-A	08/09/01
Naphthalene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Acenaphthylene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Acenaphthene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Fluorene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Phenanthrene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Anthracene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW92-11SH
AES sample #: 010807AF04 Samples taken by: J. Kiburz
MATRIX: Water

Date Sampled: 08/07/01
Date sample received: 08/07/01
Location: NYSEG Norwich
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Fluoranthene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Pyrene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Chrysene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Benzo(b)fluoranthene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Benzo(k)fluoranthene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Benzo(a)pyrene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Indeno(1,2,3-cd)pyrene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Dibenzo(a,h)anthracene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Benzo(g,h,i)perylene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Benzo(a)anthracene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
2-Methylnaphthalene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Dibenzofuran	EPA-8270	<10	ug/l	MT-CB-5	08/09/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW92-08
AES sample #: 010807AF05
Samples taken by: J. Kiburz
MATRIX: Water
Date Sampled: 08/07/01
Date sample received: 08/07/01
Location: NYSEG Norwich
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Benzene	EPA-8021	23	ug/l	SO-A	08/10/01
Ethylbenzene	EPA-8021	75	ug/l	SO-A	08/10/01
Toluene	EPA-8021	<2	ug/l	SO-A	08/10/01
o-Xylene	EPA-8021	20	ug/l	SO-A	08/10/01
m,p-Xylene	EPA-8021	3	ug/l	SO-A	08/10/01
Isopropyl Benzene	EPA-8021	5	ug/l	SO-A	08/10/01
n-Propylbenzene	EPA-8021	<2	ug/l	SO-A	08/10/01
p-Cymene	EPA-8021	<2	ug/l	SO-A	08/10/01
1,2,4-Trimethylbenzene	EPA-8021	<2	ug/l	SO-A	08/10/01
1,3,5-TMB & Sec-BB Total	EPA-8021	3	ug/l	SO-A	08/10/01
n-Butylbenzene	EPA-8021	<2	ug/l	SO-A	08/10/01
Naphthalene	EPA-8021	<10	ug/l	SO-A	08/10/01
Methyl-t-Butyl Ether	EPA-8021	<4	ug/l	SO-A	08/10/01
t-Butylbenzene	EPA-8021	<2	ug/l	SO-A	08/10/01
Naphthalene	EPA-8270	16	ug/l	MT-CB-5	08/09/01
Acenaphthylene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Acenaphthene	EPA-8270	54	ug/l	MT-CB-5	08/09/01
Fluorene	EPA-8270	15	ug/l	MT-CB-5	08/09/01
Phenanthrene	EPA-8270	20	ug/l	MT-CB-5	08/09/01
Anthracene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW92-08
AES sample #: 010807AF05
Samples taken by: J. Kiburz
MATRIX: Water
Date Sampled: 08/07/01
Date sample received: 08/07/01
Location: NYSEG Norwich
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Fluoranthene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Pyrene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Chrysene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Benzo(b)fluoranthene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Benzo(k)fluoranthene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Benzo(a)pyrene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Indeno(1,2,3-cd)pyrene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Dibenzo(a,h)anthracene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Benzo(g,h,i)perylene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Benzo(a)anthracene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
2-Methylnaphthalene	EPA-8270	77	ug/l	MT-CB-5	08/09/01
Dibenzofuran	EPA-8270	<10	ug/l	MT-CB-5	08/09/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW91-5
AES sample #: 010807AF06
Samples taken by: J. Kiburz
MATRIX: Water
Date Sampled: 08/07/01
Date sample received: 08/07/01
Location: NYSEG Norwich
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Benzene	EPA-8021	<0.5	ug/l	SO-A	08/09/01
Ethylbenzene	EPA-8021	1	ug/l	SO-A	08/09/01
Toluene	EPA-8021	<1	ug/l	SO-A	08/09/01
o-Xylene	EPA-8021	<1	ug/l	SO-A	08/09/01
m,p-Xylene	EPA-8021	<1	ug/l	SO-A	08/09/01
Isopropyl Benzene	EPA-8021	<1	ug/l	SO-A	08/09/01
n-Propylbenzene	EPA-8021	<1	ug/l	SO-A	08/09/01
p-Cymene	EPA-8021	<1	ug/l	SO-A	08/09/01
1,2,4-Trimethylbenzene	EPA-8021	<1	ug/l	SO-A	08/09/01
1,3,5-TMB & Sec-BB Total	EPA-8021	<1	ug/l	SO-A	08/09/01
n-Butylbenzene	EPA-8021	<1	ug/l	SO-A	08/09/01
Naphthalene	EPA-8021	<5	ug/l	SO-A	08/09/01
Methyl-t-Butyl Ether	EPA-8021	<2	ug/l	SO-A	08/09/01
t-Butylbenzene	EPA-8021	<1	ug/l	SO-A	08/09/01
Naphthalene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Acenaphthylene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Acenaphthene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Fluorene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Phenanthrene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Anthracene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW91-5
AES sample #: 010807AF06
Samples taken by: J. Kiburz
MATRIX: Water
Date Sampled: 08/07/01
Date sample received: 08/07/01
Location: NYSEG Norwich
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Fluoranthene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Pyrene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Chrysene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Benzo(b)fluoranthene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Benzo(k)fluoranthene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Benzo(a)pyrene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Indeno(1,2,3-cd)pyrene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Dibenzo(a,h)anthracene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Benzo(g,h,i)perylene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Benzo(a)anthracene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
2-Methylnaphthalene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Dibenzofuran	EPA-8270	<10	ug/l	MT-CB-5	08/09/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW91-12
AES sample #: 010807AF07
Samples taken by: J. Kiburz
MATRIX: Water
Date Sampled: 08/07/01
Date sample received: 08/07/01
Location: NYSEG Norwich
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Benzene	EPA-8021	<0.5	ug/l	SO-A	08/09/01
Ethylbenzene	EPA-8021	<1	ug/l	SO-A	08/09/01
Toluene	EPA-8021	<1	ug/l	SO-A	08/09/01
o-Xylene	EPA-8021	<1	ug/l	SO-A	08/09/01
m,p-Xylene	EPA-8021	<1	ug/l	SO-A	08/09/01
Isopropyl Benzene	EPA-8021	<1	ug/l	SO-A	08/09/01
n-Propylbenzene	EPA-8021	<1	ug/l	SO-A	08/09/01
p-Cymene	EPA-8021	<1	ug/l	SO-A	08/09/01
1,2,4-Trimethylbenzene	EPA-8021	<1	ug/l	SO-A	08/09/01
1,3,5-TMB & Sec-BB Total	EPA-8021	<1	ug/l	SO-A	08/09/01
n-Butylbenzene	EPA-8021	<1	ug/l	SO-A	08/09/01
Naphthalene	EPA-8021	<5	ug/l	SO-A	08/09/01
Methyl-t-Butyl Ether	EPA-8021	<2	ug/l	SO-A	08/09/01
t-Butylbenzene	EPA-8021	<1	ug/l	SO-A	08/09/01
Naphthalene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Acenaphthylene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Acenaphthene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Fluorene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Phenanthrene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Anthracene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW91-12
AES sample #: 010807AF07
Samples taken by: J. Kiburz
MATRIX: Water
Date Sampled: 08/07/01
Date sample received: 08/07/01
Location: NYSEG Norwich
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Fluoranthene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Pyrene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Chrysene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Benzo(b)fluoranthene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Benzo(k)fluoranthene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Benzo(a)pyrene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Indeno(1,2,3-cd)pyrene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Dibenzo(a,h)anthracene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Benzo(g,h,i)perylene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Benzo(a)anthracene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
2-Methylnaphthalene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Dibenzofuran	EPA-8270	<10	ug/l	MT-CB-5	08/09/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW91-6
AES sample #: 010807AF08
Samples taken by: J. Kiburz
MATRIX: Water
Date Sampled: 08/07/01
Date sample received: 08/07/01
Location: NYSEG Norwich
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Benzene	EPA-8021	130	ug/l	SO-A	08/09/01
Ethylbenzene	EPA-8021	710	ug/l	SO-A	08/09/01
Toluene	EPA-8021	<50	ug/l	SO-A	08/09/01
o-Xylene	EPA-8021	280	ug/l	SO-A	08/09/01
m,p-Xylene	EPA-8021	<50	ug/l	SO-A	08/09/01
Isopropyl Benzene	EPA-8021	<50	ug/l	SO-A	08/09/01
n-Propylbenzene	EPA-8021	<50	ug/l	SO-A	08/09/01
p-Cymene	EPA-8021	<50	ug/l	SO-A	08/09/01
1,2,4-Trimethylbenzene	EPA-8021	270	ug/l	SO-A	08/09/01
1,3,5-TMB & Sec-BB Total	EPA-8021	120	ug/l	SO-A	08/09/01
n-Butylbenzene	EPA-8021	<50	ug/l	SO-A	08/09/01
Naphthalene	EPA-8021	2300	ug/l	SO-A	08/09/01
Methyl-t-Butyl Ether	EPA-8021	<100	ug/l	SO-A	08/09/01
t-Butylbenzene	EPA-8021	<50	ug/l	SO-A	08/09/01
Naphthalene	EPA-8270	1400	ug/l	MT-CB-5	08/09/01
Acenaphthylene	EPA-8270	<50	ug/l	MT-CB-5	08/09/01
Acenaphthene	EPA-8270	180	ug/l	MT-CB-5	08/09/01
Fluorene	EPA-8270	55	ug/l	MT-CB-5	08/09/01
Phenanthrene	EPA-8270	95	ug/l	MT-CB-5	08/09/01
Anthracene	EPA-8270	<50	ug/l	MT-CB-5	08/09/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: GW91-6
AES sample #: 010807AF08
Samples taken by: J. Kiburz
MATRIX: Water
Date Sampled: 08/07/01
Date sample received: 08/07/01
Location: NYSEG Norwich
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Fluoranthene	EPA-8270	<50	ug/l	MT-CB-5	08/09/01
Pyrene	EPA-8270	<50	ug/l	MT-CB-5	08/09/01
Chrysene	EPA-8270	<50	ug/l	MT-CB-5	08/09/01
Benzo(b)fluoranthene	EPA-8270	<50	ug/l	MT-CB-5	08/09/01
Benzo(k)fluoranthene	EPA-8270	<50	ug/l	MT-CB-5	08/09/01
Benzo(a)pyrene	EPA-8270	<50	ug/l	MT-CB-5	08/09/01
Indeno(1,2,3-cd)pyrene	EPA-8270	<50	ug/l	MT-CB-5	08/09/01
Dibenzo(a,h)anthracene	EPA-8270	<50	ug/l	MT-CB-5	08/09/01
Benzo(g,h,i)perylene	EPA-8270	<50	ug/l	MT-CB-5	08/09/01
Benzo(a)anthracene	EPA-8270	<50	ug/l	MT-CB-5	08/09/01
2-Methylnaphthalene	EPA-8270	110	ug/l	MT-CB-5	08/09/01
Dibenzofuran	EPA-8270	<50	ug/l	MT-CB-5	08/09/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: SPMP-2S
AES sample #: 010807AF09
Samples taken by: J. Kiburz
MATRIX: Water
Date Sampled: 08/07/01
Date sample received: 08/07/01
Location: NYSEG Norwich
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Benzene	EPA-8021	<1	ug/l	SO-A	08/10/01
Ethylbenzene	EPA-8021	31	ug/l	SO-A	08/10/01
Toluene	EPA-8021	<2	ug/l	SO-A	08/10/01
o-Xylene	EPA-8021	29	ug/l	SO-A	08/10/01
m,p-Xylene	EPA-8021	3	ug/l	SO-A	08/10/01
Isopropyl Benzene	EPA-8021	4	ug/l	SO-A	08/10/01
n-Propylbenzene	EPA-8021	<2	ug/l	SO-A	08/10/01
p-Cymene	EPA-8021	<2	ug/l	SO-A	08/10/01
1,2,4-Trimethylbenzene	EPA-8021	66	ug/l	SO-A	08/10/01
1,3,5-TMB & Sec-BB Total	EPA-8021	24	ug/l	SO-A	08/10/01
n-Butylbenzene	EPA-8021	10	ug/l	SO-A	08/10/01
Naphthalene	EPA-8021	28	ug/l	SO-A	08/10/01
Methyl-t-Butyl Ether	EPA-8021	<4	ug/l	SO-A	08/10/01
t-Butylbenzene	EPA-8021	<2	ug/l	SO-A	08/10/01
Naphthalene	EPA-8270	48	ug/l	MT-CB-5	08/09/01
Acenaphthylene	EPA-8270	35	ug/l	MT-CB-5	08/09/01
Acenaphthene	EPA-8270	89	ug/l	MT-CB-5	08/09/01
Fluorene	EPA-8270	58	ug/l	MT-CB-5	08/09/01
Phenanthrene	EPA-8270	110	ug/l	MT-CB-5	08/09/01
Anthracene	EPA-8270	45	ug/l	MT-CB-5	08/09/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: SPMP-2S
AES sample #: 010807AF09
Samples taken by: J. Kiburz
MATRIX: Water
Date Sampled: 08/07/01
Date sample received: 08/07/01
Location: NYSEG Norwich
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Fluoranthene	EPA-8270	41	ug/l	MT-CB-5	08/09/01
Pyrene	EPA-8270	73	ug/l	MT-CB-5	08/09/01
Chrysene	EPA-8270	26	ug/l	MT-CB-5	08/09/01
Benzo(b)fluoranthene	EPA-8270	10	ug/l	MT-CB-5	08/09/01
Benzo(k)fluoranthene	EPA-8270	11	ug/l	MT-CB-5	08/09/01
Benzo(a)pyrene	EPA-8270	21	ug/l	MT-CB-5	08/09/01
Indeno(1,2,3-cd)pyrene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Dibenzo(a,h)anthracene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Benzo(g,h,i)perylene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Benzo(a)anthracene	EPA-8270	26	ug/l	MT-CB-5	08/09/01
2-Methylnaphthalene	EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Dibenzofuran	EPA-8270	12	ug/l	MT-CB-5	08/09/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: SPMP-1S
AES sample #: 010807AF10
Samples taken by: J. Kiburz
MATRIX: Water
Date Sampled: 08/07/01
Date sample received: 08/07/01
Location: NYSEG Norwich
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Benzene	EPA-8021	4	ug/l	SO-A	08/10/01
Ethylbenzene	EPA-8021	5	ug/l	SO-A	08/10/01
Toluene	EPA-8021	<2	ug/l	SO-A	08/10/01
o-Xylene	EPA-8021	38	ug/l	SO-A	08/10/01
m,p-Xylene	EPA-8021	5	ug/l	SO-A	08/10/01
Isopropyl Benzene	EPA-8021	<2	ug/l	SO-A	08/10/01
n-Propylbenzene	EPA-8021	<2	ug/l	SO-A	08/10/01
p-Cymene	EPA-8021	<2	ug/l	SO-A	08/10/01
1,2,4-Trimethylbenzene	EPA-8021	19	ug/l	SO-A	08/10/01
1,3,5-TMB & Sec-BB Total	EPA-8021	47	ug/l	SO-A	08/10/01
n-Butylbenzene	EPA-8021	39	ug/l	SO-A	08/10/01
Naphthalene	EPA-8021	47	ug/l	SO-A	08/10/01
Methyl-t-Butyl Ether	EPA-8021	<4	ug/l	SO-A	08/10/01
t-Butylbenzene	EPA-8021	<2	ug/l	SO-A	08/10/01
Naphthalene	EPA-8270	28	ug/l	MT-CB-5	08/09/01
Acenaphthylene	EPA-8270	16	ug/l	MT-CB-5	08/09/01
Acenaphthene	EPA-8270	130	ug/l	MT-CB-5	08/09/01
Fluorene	EPA-8270	57	ug/l	MT-CB-5	08/09/01
Phenanthrene	EPA-8270	91	ug/l	MT-CB-5	08/09/01
Anthracene	EPA-8270	49	ug/l	MT-CB-5	08/09/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: SPMP-1S
AES sample #: 010807AF10
Samples taken by: J. Kiburz
MATRIX: Water
Date Sampled: 08/07/01
Date sample received: 08/07/01
Location: NYSEG Norwich
grab

continued:

PARAMETER	PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Fluoranthene		EPA-8270	67	ug/l	MT-CB-5	08/09/01
Pyrene		EPA-8270	110	ug/l	MT-CB-5	08/09/01
Chrysene		EPA-8270	39	ug/l	MT-CB-5	08/09/01
Benzo(b)fluoranthene		EPA-8270	28	ug/l	MT-CB-5	08/09/01
Benzo(k)fluoranthene		EPA-8270	21	ug/l	MT-CB-5	08/09/01
Benzo(a)pyrene		EPA-8270	39	ug/l	MT-CB-5	08/09/01
Indeno(1,2,3-cd)pyrene		EPA-8270	12	ug/l	MT-CB-5	08/09/01
Dibenzo(a,h)anthracene		EPA-8270	<10	ug/l	MT-CB-5	08/09/01
Benzo(g,h,i)perylene		EPA-8270	16	ug/l	MT-CB-5	08/09/01
Benzo(a)anthracene		EPA-8270	42	ug/l	MT-CB-5	08/09/01
2-Methylnaphthalene		EPA-8270	23	ug/l	MT-CB-5	08/09/01
Dibenzofuran		EPA-8270	<10	ug/l	MT-CB-5	08/09/01

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CLIENT: NYS Electric & Gas
CLIENT'S SAMPLE ID: Trip Blank
AES sample #: 010807AF11 Samples taken by: J. Kiburz
MATRIX: Water

Date Sampled: 08/07/01
Date sample received: 08/07/01
Location: NYSEG Norwich
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Benzene	EPA-8021	<0.5	ug/l	SO-A	08/09/01
Ethylbenzene	EPA-8021	<1	ug/l	SO-A	08/09/01
Toluene	EPA-8021	<1	ug/l	SO-A	08/09/01
o-Xylene	EPA-8021	<1	ug/l	SO-A	08/09/01
m,p-Xylene	EPA-8021	<1	ug/l	SO-A	08/09/01
Isopropyl Benzene	EPA-8021	<1	ug/l	SO-A	08/09/01
n-Propylbenzene	EPA-8021	<1	ug/l	SO-A	08/09/01
p-Cymene	EPA-8021	<1	ug/l	SO-A	08/09/01
1,2,4-Trimethylbenzene	EPA-8021	<1	ug/l	SO-A	08/09/01
1,3,5-TMB & Sec-BB Total	EPA-8021	<1	ug/l	SO-A	08/09/01
n-Butylbenzene	EPA-8021	<1	ug/l	SO-A	08/09/01
Naphthalene	EPA-8021	<5	ug/l	SO-A	08/09/01
Methyl-t-Butyl Ether	EPA-8021	<2	ug/l	SO-A	08/09/01
t-Butylbenzene	EPA-8021	<1	ug/l	SO-A	08/09/01

APPROVED BY: Laura Dahl
Report date: 08/15/01

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CHAIN OF CUSTODY RECORD

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 Kilburg
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
AF01	GW92-11D	8-7-01	0840	A/P	GW		X	3	EPA 8021 EPA 8270 PAH only
AF02	GW92-11D MS	8-7-01	0840	A/P	GW		X	3	
AF03	GW92-11D MSD	8-7-01	0840	A/P	GW		X	3	
AF04	GW92-11SH	8-7-01	0900	A/P	GW		X	3	
AF05	GW92-08	8-7-01	1040	A/P	GW		X	3	
AF06	GW91-5	8-7-01	1100	A/P	GW		X	3	
AF07	GW92-12	8-7-01	1145	A/P	GW		X	3	
AF08	GW91-6	8-7-01	1200	A/P	GW		X	3	
AF09	SPMP-2S	8-7-01	1230	A/P	GW		X	3	
AF10	SPMP-1S	8-7-01	1300	A/P	GW		X	3	
010807 AF11	Trip Blank	8-7-01	—	A/P	W		X	1	EPA 8021
				A/P					
				A/P					
				A/P					

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

Special Instructions/Remarks:
Please Bill NYSEG Direct
Attn: John Ruspantini

CC Report To:

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received for Laboratory by:	Date/Time
		8/7/01 4:30

Temperature	Properly Preserved	Received Within Holding Times
Ambient or (Chilled)	(Y) N	(Y) N
Notes: 2°C	Notes:	Notes:

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

Performance Analytical Inc.
Air Quality Laboratory
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NYSEG Norwich
8A

LABORATORY REPORT

Client:	IT CORPORATION	Date of Report:	08/23/01
Address:	13 British American Blvd.	Date Received:	08/08/01
	Latham, NY 12110	PAI Project No:	P2101777
Contact:	Mr. Grant Anderson	Purchase Order:	Verbal
Client Project ID: NYSEG, Norwich		New York ELAP:	11221

Four (4) Tedlar Bag Samples labeled:

"Blower Discharge Leg 2" "Blower Discharge Leg 3"
"Blower Discharge Leg 1" "Final Effluent Leg 1"

The samples were received at the laboratory under chain of custody on August 8, 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:

Wade Henton
Senior Chemist

Reviewed and Approved:

Chris Parnell
Senior Chemist

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RESULTS OF ANALYSIS

Client : IT Corporation

Client Sample ID : Blower Discharge Leg 2
PAI Sample ID : P2101777-001

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

Date Sampled : 8/7/01
Date Received : 8/8/01
Date Analyzed : 8/8/01
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	6.2	5.0	1.6	1.3
100-41-4	Ethylbenzene	ND	5.0	ND	1.2
136777-61-2	*m,p*-Xylenes	ND	5.0	ND	1.2
95-47-6	o-Xylene	ND	5.0	ND	1.2

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

Verified By: KR Date: 8/22/01

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RESULTS OF ANALYSIS

Client : IT Corporation

Client Sample ID : Blower Discharge Leg 3
PAI Sample ID : P2101777-002

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

Date Sampled : 8/7/01
Date Received : 8/8/01
Date Analyzed : 8/8/01
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	6.9	5.0	1.8	1.3
100-41-4	Ethylbenzene	ND	5.0	ND	1.2
136777-61-2	*m,p*-Xylenes	ND	5.0	ND	1.2
95-47-6	o-Xylene	ND	5.0	ND	1.2

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

Verified By: KC Date: 8/22/01

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RESULTS OF ANALYSIS

Client : IT Corporation

Client Sample ID : Blower Discharge Leg 1
PAI Sample ID : P2101777-003

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

Date Sampled : 8/7/01
Date Received : 8/8/01
Date Analyzed : 8/8/01
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	8.0	5.0	2.1	1.3
100-41-4	Ethylbenzene	ND	5.0	ND	1.2
136777-61-2	*m,p* -Xylenes	ND	5.0	ND	1.2
95-47-6	o-Xylene	7.0	5.0	1.6	1.2

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

Verified By: KE Date: 8/22/01

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Performance Analytical Inc.
Air Quality Laboratory
A Division of Columbia Analytical Services, Inc.
An Employee Owned Company

RESULTS OF ANALYSIS

Client : IT Corporation

Client Sample ID : Final Effluent Leg 1
PAI Sample ID : P2101777-004

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

Date Sampled : 8/7/01
Date Received : 8/8/01
Date Analyzed : 8/8/01
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	7.7	5.0	2.0	1.3
100-41-4	Ethylbenzene	ND	5.0	ND	1.2
136777-61-2	*m,p*-Xylenes	35	5.0	8.0	1.2
95-47-6	o-Xylene	82	5.0	19	1.2

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

Verified By: KE Date: 8/22/01

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Performance Analytical Inc.
Air Quality Laboratory
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RESULTS OF ANALYSIS

Client : IT Corporation

Client Sample ID : Method Blank
PAI Sample ID : P010808-MB

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

Date Sampled : NA
Date Received : NA
Date Analyzed : 8/08/01
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: 8/9/01

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Performance Analytical Inc.
Sample Acceptance Check Form

Client: IT Corporation Work order: P2101777

Project: NYSEG, Norwich

Cooler/Samples received on: 8/8/01 Date opened: 8/8/01 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
P2101777-001				NA			
P2101777-002				NA			
P2101777-003				NA			
P2101777-004				NA			

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

Performance Analytical
~~914 North Pearl Street~~
~~Albany, New York 12207~~
~~518-434-4546/434-0891 FAX~~
2665 Park Center Dr.
Suite D
Simi Valley, CA 93065 (805) 526-7161

Adirondack Environmental Services, Inc.®

CHAIN OF CUSTODY RECORD

A full service analytical research laboratory offering solutions to environmental concerns

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 Kibler P2101777
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
	Blower Discharge Leg 2	8-7-01	0945	(A) P	Air		X	1	TO-14 BTEX Only
	Blower Discharge Leg 3	8-7-01	1115	(A) P	Air		X	1	TO-14 BTEX Only
	Blower Discharge Leg 1	8-7-01	1320	A (P)	Air		X	1	TO-14 BTEX Only
	Final Effluent Leg 1	8-7-01	1330	A (P)	Air		X	1	TO-14 BTEX Only
				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

Special Instructions/Remarks
Please bill NYSEG Direct
Attn: John Ruspantini

CC Report To:

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		8-7-01 1700
Relinquished by: (Signature)	**Received for Laboratory by:**	**Date/Time**
	Sharon Malone	8/8/01 1025

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

APPENDIX "B"

SITE MAP

NOTES:
1. ALL EXISTING UTILITY LOCATIONS SHOWN ARE APPROXIMATE.
2. SKETCH OF EXISTING STRUCTURES AND ACCESS ROADS MADE FROM OBSERVATION.
3. LOCATION/SIZE OF 1,000 GALLON FUEL OIL UST APPROXIMATE.

N/F
COUNTY OF CHENANGO

APPROXIMATE PROPERTY LINE

TOPS MARKET

FORMER RELIEF HOLDER

POLE

NYSEG SUBSTATION

N/F
ROBERT O. &
HELEN M. BROTEN

N/F
VALORE S. &
PATRICIA M. MARTINS

APPROXIMATE LOCATION OF THE SLURPER SKIMMING POINT

APPROXIMATE LOCATION OF RECOVERY EQUIPMENT

OVERHEAD PIPING

POWER BUILDING

TRENCH FOR AS/SVE PIPING

A

A'

SW-18 SW-19 SW-20 SW-21 SW-22 SW-23 SW-24 SW-25 SW-26

HM-13 HM-14 HM-15 HM-16

APPROXIMATE LOCATION EXISTING 1,000 GALLON FUEL OIL UNDERGROUND STORAGE TANK

N

LEGEND

- CHAIN LINK FENCE
- G GAS MAIN
- O/E OVERHEAD ELECTRIC LINE
- GV GAS VALVE
- HYD FIRE HYDRANT
- UP UTILITY POLE
- UP UTILITY POLE WITH LIGHT
- LP LIGHT POLE
- GUY WIRE AND ANCHOR
- TEMPORARY MONITORING POINT
- MONITORING POINT
- SPARGE WELL
- MONITORING WELL
- HORIZONTAL VENT
- APPROXIMATE TRENCH LOCATION

SCALE
0 20 40 60 FEET

DRAWING NUMBER	APPROVED BY	CHECKED BY	DRAWN BY	OFFICE
108196D12			S. SHKOLNIK 03-04-02	ALBANY, NY

IT ENGINEERING OF NEW YORK P.C.
13 BRITISH AMERICAN BLVD.
ALBANY, NY 12110
(518) 783-1996

NEW YORK STATE ELECTRIC & GAS

SITE LAYOUT MAP

NORWICH FORMER MGP SITE
NORWICH, NEW YORK

L:\projects\NYSEG\NORWICH\PIC\108196\108196D13.dwg
Plot Date/Time: 03/04/02 11:42am
Format Revised: 11/23/99
Image:
Xref: