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TRI-ANNUAL OPERATION MAINTENANCE AND MONITORING REPORT
(October 2001 – January 2002)
FORMER FLAGSHIP AIRLINES HANGAR
DUTCHESS COUNTY AIRPORT
WAPPINGERS FALLS, NEW YORK
NYSDEC SITE NO. 3-14-101, ORDER ON CONSENT NO. W3-0837-98-12

Shaw Environmental & Infrastructure, Inc. Project 820131

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1.0 INTRODUCTION

This status report details the operational status of the Air Sparge/Soil Vapor Extraction treatment system at the Former Flagship Airlines Hangar, Dutchess County Airport, Wappingers Falls, New York (**Figure 1** and **Figure 2**). This tri-annual status report covers the period from September 11, 2001 through January 23, 2002. Discussion addresses the sampling event conducted on January 17, 2002 and four months of operation and maintenance.

Total run time for the air sparge (AS) and soil vapor extraction (SVE) system during the reporting period was approximately 88%. Reduced efficiency during the reporting period is attributable to long distance telephone carrier disruption. Between the October 31 and November 29, 2001 period, long distance service was temporarily discontinued, thus removing the system autodialer capability to call alarms to Shaw Environmental & Infrastructure, Inc. (Shaw E&I), formerly IT Corporation, for response. The interruption has been addressed and corrected.

2.0 OPERATION AND MAINTENANCE

As per the Interim Remedial Measures Work Plan (IRM), Operation and Maintenance (O&M) visits were performed. O&M visits were performed on October 31, November 29, December 13, 2001, January 17 and 23, 2002. The system was monitored during these O&M visits for air flow and volatile organic compounds (VOCs) utilizing a thermal anemometer and a photoionization detector (PID). System air flow rates were consistent with system startup performance and the distribution of sparge air into the treatment zone is satisfactory. Individual system components were also monitored to ensure that all process systems were operating within design parameters.

Monitoring tasks performed during each O&M visit included:

- AS and SVE equipment inspected and operating parameters monitored and adjusted.
- AS and SVE equipment monitored (drained moisture separator, check/change air filter elements and belts and greasing and oil changes on blowers).
- Former Flagship and IBM property monitoring wells gauged for water depths and dissolved oxygen content.
- SVE points monitored in the equipment compound to verify pressure vacuum response surrounding the system.
- System operational time monitored.
- Influent SVE leg, pre-manifold, post-manifold, pre-carbon, in-between carbon and post-carbon absorption PID readings. Influent and effluent analytical for air quality once per tri-annual period.

3.0 SIGNIFICANT OPERATIONAL NOTES

A few significant operational notes were recorded for this period. They included administrative adjustments to the O&M procedure, SVE motor starter tripping, autodialer failure due to long distance telephone carrier interruption and a damaged sparge well.

3.1 Administrative Adjustments

In an effort to reduce unnecessary and costly O&M procedure, Shaw E&I on behalf of American Eagle Airlines (AEA), recommended changes to the IRM agreed to procedure. The individual proposals, put forth in Shaw E&I's letter dated October 30, 2001, are stated and respective NYSDEC responses (letter dated November 29, 2001) follow.

Request No. 1: Based on solid baseline gauging, anaytical data and AEA's need to streamline overall costs, Shaw E&I recommends the reduction of groundwater sampling from quarterly to three times annually. Additionally, only ten critical monitoring wells would be sampled for during the first and second of the three annual collections. During the third collection period, all previous sampled location on both the former Flagship and IBM properties would be performed.

Response No. 1: The requested changes above were approved in full.

Request No. 2: Shaw E&I proposed the reduction of reporting from quarterly to once annually, following the third annual sampling event. This report would summarize the previous year of O&M activities, sampling results and overall effectiveness of the chosen remediation.

Response No. 2: The NYSDEC did not find the reporting frequency acceptable. They wish to have one report per tri-annual O&M and sampling period.

Request No. 3: Shaw E&I proposed to removal of air sampling from the SVE remedial component. This request was based on the reported low recovery of volatile organic compounds (VOC).

Response No. 3: The NYSDEC responded that they were not willing to make a determination on this request. They stated that they required more information pertaining to the SVE ability to remove VOCs and still be effective.

Request No. 4: Shaw E&I proposed the discharge of groundwater sampling purge water to the groundsurface in the vicinity of each monitoring well.

Response No. 4: The NYSDEC found this proposal unacceptable. They did agree that purge water from MW-9 and MW-10 should be containerized for off-site disposal, while all other monitoring well purge water could be discharged into local sparge wells.

3.2 Physical Adjustments

Between November 1 and 13, 2001 long distance telephone service was interrupted at the site. The autodialer was unable to successfully dial the Shaw E&I Latham, New York office to notify of the SVE low vacuum alarm that preceded the telephone interruption. On November 17th, following long distance carrier restoration, Shaw E&I remotely accessed the system and turned it back on. During an unrelated O&M visit on January 23, 2002 the SVE motor amperage was lowered thus reducing the likelihood of low vacuum shutdown in the future.

During the course of winter activities at the site Shaw E&I technicians have observed surface damage to sparge well SP-1. Heavy vehicles are suspected to be driving over this narrow grass area between asphalt parking areas. The weight of the vehicles have depressed the manhole cover over SP-1 and subsequently compromised the PVC well, fittings and associated treatment piping in the well. An earthen void can be observed beneath the surface when the road box cover is removed. On January 23, 2002 a new cap was installed on SP-1. The ninety degree fitting joining the vertical sparge well to treatment shed piping developed a crack, following the vehicle induced load dispursement. Though expected flow and pressure is currently observed in SP-1 it will likely need to be repaired in the coming months.

No condensate accumulation was measured in the moisture collection tank, therefore, none required draining during the reporting period.

4.0 SOIL VAPOR EXTRACTION SYSTEM

The SVE system was activated on August 4, 2000. The SVE system was designed and initially operated as two pulsed legs (North Leg and South Leg). All seven SVE wells are positioned horizontally in the subsurface due to shallow groundwater conditions. The North Leg wells are EW-3, EW-4 and EW-6. The South Leg wells are EW-1, EW-2, EW-5 and EW-7.

During the current O&M period a decision was made to evaluate the performance of the SVE system without pulsing legs or to operate all seven SVE wells simultaneously, twenty-four hours per day. The ball valve was removed from the motor operating valve, responsible for automatic leg alternation, then flow and vacuum measurements were monitored. The measurements were determined to be within a reasonable range. All seven SVE wells are currently operating simultaneously.

Air samples were collected during the January 17, 2002 site visit to track system removal efficiency, and to verify compliance as per the informal NYSDEC discharge agreement. The laboratory report is included as **Appendix A.**

The SVE system operated at an average flow of 288 cubic feet per minute (cfm) during the reporting period as measured at the SVE blower effluent. Based on photoionization detector (PID) calculation, 7.44 pounds of VOCs were removed during the current reporting quarter. To date the system has removed approximately 7.44 pounds of VOCs. During the current reporting period a calculation error was corrected in **Table 1**. Note that the total VOCs recorded through the previous reporting period (2.66 pounds) was incorrect. System operating data and removal calculations based on monthly PID readings are shown in **Table 1**. Vapor phase carbon absorption efficiency for the compounds of concern is shown on **Table 2**. Cumulative compound of concern removal is presented in **Table 3.**

5.0 AIR SPARGE SYSTEM

The air sparging (AS) system was activated on August 7, 2000. The AS system is comprised of two pulsed legs (North Leg and South Leg). The North Leg wells are SP-4, SP-5 and SP-6. The South Leg wells are SP-1, SP-2, SP-3 and SP-7.

During the current reporting period, the sparge points ran at an average flow of approximately 8.7 cfm, with a total average system pressure of approximately 6.7 pounds per square inch (psi). The air sparge blower was fully operational in conjunction with the SVE system during the reporting period.

During the past months sparge well SP-1, located between MW-9 and MW-10, has received some damage. Two causes have damaged the well and they are: winter traffic (ie. Snow plowing) over the well resulting in subsequent road box and well cap movement and soil subsidance around the well. The subsidance is has resulted from a combination of traffic movement overhead,

Dissolved oxygen levels were measured in performance monitoring wells during the scheduled O&M visits. Based upon data collected during the quarterly monitoring period distribution of sparge air is noticeable. All historical dissolved oxygen data available since May 1999 is tabulated and shown in **Table 4**. Air distribution trends and dissolved oxygen levels in the monitoring well network will continue to be measured during future O&M visits to anticipate maintenance actions needed in order to maintain desired air flow rates to the treatment zone.

6.0 SYSTEM TREATMENT EFFICIENCY

Data collected from the performance monitoring well network located upgradient and downgradient of the treatment zone does show slight trends as of this reporting period. The highest dissolved contaminant levels on the former Flagship property remain in the MW-9 and MW-10 well area. During the treatment quarter general decreases in dissolved contaminant levels has been observed. Analytical results from the monitoring well network are tabulated and presented in **Table 5**. IRM significant compounds of concern are tabulated and presented in **Table 6**.

This report summarizes a joint survey from the Flagship and IBM hangar property groundwater contour map for the water level measurements from this reporting period. The groundwater contour map of the January 2002 event is shown as **Figure 3** in this report.

During the January 2002 gauging event depth to groundwater on the Flagship parcel ranged from 4.04 feet (MW-1) to 10.96 feet (DG-1). On the IBM parcel, the depth to water measurements ranged from 4.40 feet (A-26S) and 9.93 feet (A-41S). Depth to groundwater measurements and elevations are presented in **Table 4**. Based on the calculated groundwater elevations on the former Flagship and IBM properties a north by northwest groundwater flow direction is indicated (**Figure 3**). A slight mounding was observed around and immediately down-gradient from southeast portion of the treatment area. Prior to monitoring well gauging the treatment system is shutdown to allow for the stabilization of the naturally occurring potentiometric surface.

During the January 17, 2002 sampling event elevated laboratory detections were recorded in the sample collected from MW-10. DCA was detected at an estimated concentration of 7 ug/l (MW-10). PCE was detected at 280 ug/l (MW-9) and 74 ug/l (MW-10). These concentrations have remained relatively constant over the past year. Though PCE had not been detected in down-gradient monitoring well MW-6 for four quarters, its presence was recorded during January 2002 at a concentration of 10 ug/l or at the laboratory method detection level. Though MW-9 and MW-10 continue to display dissolved contamination, down-gradient wells are predominantly clean, thus demonstrating limited plume mobility away from this primary area of concern. TCE was not detected in any of the monitoring wells on either property. Naphthalene was detected at 170 ug/l (MW-9) and 55 ug/l (MW-10). As with returning presence of PCE in MW-6, naphthalene too was recorded at a concentration of 40 ug/l in MW-6. Naphthalene was not detected in any of the former Flagship down-gradient property boundary wells. Naphthalene has not been detected in monitoring well MW-20 for four consecutive quarters. This well was specifically screened directly above the silty aquitard beneath the impacted aquifer. The

analytical results are presented on **Table 5** and **Figure 4.** Naphthalene (**Figure 5**), chloroethane (**Figure 4**) and 1,2 dichloroethane (**Figure 7**) are visually presented in contamination isochron format. Trend data for PCE, DCA, and naphthalene are presented in **Figures 8, 9** and **10** respectfully. Groundwater analytical data is presented in **Appendix B**.

Samples collected from former IBM monitoring wells, located near the eastern corner of the hangar exhibited elevated concentrations. DCA concentrations of 14 ug/l (A-26S), 21 ug/l (A-42S) and an estimated 3 ug/l (A-43S) were recorded. Naphthalene was detected at an estimated concentration of 4 ug/l in A-27S and 1,200 ug/l in A-42S.

Naphthalene has not been detected in MW-20 for five consecutive quarters, however, A-42S located approximately twenty feet down-gradient has not shown any significant decreasing trend. This well is ideally screened directly above a silty aquitard, is positioned between two AS wells and has not exhibited naphthalene detections since the AS/SVE system commenced operation. The presence of one or more of the following compounds (naphthalene, dichloroethane and chloroethane) in former IBM property wells A-42S, A-26S and A-27S, combined with the lack of immediate up-gradient (former Flagship property) detections suggests that an ongoing source of these contaminants possibly exists on the former IBM leased property. The MW-9 and MW-10 area of concern on the former Flagship property is approximately 160 feet up-gradient from this IBM well area. With the exception of low and infrequent detections in MW-6 no laboratory detections have been recorded between these two areas.

7.0 PROPOSED ACTIVITIES

Proposed activities for the next reporting period include:

- Monthly operation and maintenance visits to monitor system operation.
- Adjust system flow and vacuum to maximize treatment system efficiency and lessen system downtime
- Collect groundwater and SVE effluent air samples in May 2002

TABLES

Table 1
FORMER FLAGSHIP HANGAR FACILITY
AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM
RECOVERY

Sampling Date	Run Time Since Last Visit (hrs) Available	Actual	SVE Operation Since Last O&M Visit (%)	SVE Blower Effluent Flow Velocity (4" diam.) (fpm)	SVE Blower Effluent Flow Rate (cfm)	SVE Blower Effluent PID Reading (ppmv)	VOC Removal Rate (lbs/hr)	VOC's Recovered Since Last O&M Visit (lbs.)	Cumulative lbs. of VOC's Recovered (lbs.)
08/04/00	0 /	0	0.00%	2942.5	256	2.2	0.01	0.00	0.00
08/09/00	120 /	6	5.00%	3172.4	276	0.0	0.00	0.00	0.00
08/16/00	168 /	168	100.00%	3103.4	270	0.0	0.00	0.00	0.00
08/24/00	192 /	192	100.00%	3356.3	292	0.0	0.00	0.00	0.00
09/21/00	672 /	261	38.84%	3678.2	320	0.0	0.00	0.00	0.00
10/09/00	432 /	192	44.44%	3678.2	320	0.0	0.00	0.00	0.00
11/17/00	936 /	542	57.91%	4046.0	352	0.0	0.00	0.00	0.00
12/06/00	456 /	298	65.35%	4114.9	358	0.0	0.00	0.00	0.00
01/10/01	840 /	120	14.29%	4000.0	348	0.0	0.00	0.00	0.00
02/19/01	960 /	960	100.00%	3195.4	278	0.0	0.00	0.00	0.00
03/28/01	888 /	72	8.11%	0.0	0	0.0	0.00	0.00	0.00
04/19/01	528 /	270	51.14%	2580.0	224	0.0	0.00	0.00	0.00
05/16/01	648 /	600	92.59%	2919.5	254	0.0	0.00	0.00	0.00
06/20/01	840 /	792	94.29%	3185.0	277	0.0	0.00	0.00	0.00
07/30/01	960 /	960	100.00%	3287.4	286	0.0	0.00	0.00	0.00
08/17/01	432 /	432	100.00%	3310.3	288	0.0	0.00	0.00	0.00
09/11/01	600 /	600	100.00%	3379.3	294	0.0	0.00	0.00	0.00
10/31/01	1200 /	1200	100.00%	3595.0	313	0.0	0.00	0.00	0.00
11/29/01	696 /	408	59.00%	3560.0	310	2.3	0.01	4.08	4.08
12/13/01	336 /	336	100.00%	3580.0	311	2.0	0.01	3.36	7.44
1/17/02	840 /	768	91.00%	2494.0	217	0.0	0.00	0.00	7.44

TABLE 2
FORMER FLAGSHIP HANGAR FACILITY
AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM
TREATMENT EFFICIENCY

Date	Compounds of Concern	SVE Influent South Leg (ppbv)	SVE Influent North Leg (ppbv)	Carbon Effluent South Leg (ppbv)	Carbon Effluent North Leg (ppbv)	Carbon Efficiency South Leg (%)	Carbon Efficiency North Leg (%)	Total System Efficiency (%)
08/04/00	Trichloroethene	ND	ND	ND	ND	100.00	100.00	100.00
	Tetrachloroethene	130	13	ND	ND	100.00	100.00	100.00
	Toluene	3.9	2.3	0.52	ND	86.67	100.00	93.34
	1,1-Dichloroethane	1.4	ND	ND	ND	100.00	100.00	100.00
	1,1,1-Trichloroethane	13	1.5	ND	ND	100.00	100.00	100.00
	Naphthalene	ND	ND	ND	ND	100.00	100.00	100.00
10/9/00 (1)	Trichloroethene	ND	ND	ND	ND	100.00	100.00	100.00
	Tetrachloroethene	100	ND	ND	ND	100.00	100.00	100.00
	Toluene	ND	ND	0.82	ND	100.00	100.00	100.00
	1,1-Dichloroethane	2.3	ND	ND	ND	100.00	100.00	100.00
	1,1,1-Trichloroethane	17	ND	ND	ND	100.00	100.00	100.00
	Naphthalene	ND	ND	ND	ND	100.00	100.00	100.00
12/06/00	Trichloroethene	ND	ND	ND	ND	100.00	100.00	100.00
	Tetrachloroethene	50	3.5	ND	ND	100.00	100.00	100.00
	Toluene	1.1	ND	ND	ND	100.00	100.00	100.00
	1,1-Dichloroethane	5.9	ND	ND	ND	100.00	100.00	100.00
	1,1,1-Trichloroethane	6.7	ND	ND	ND	100.00	100.00	100.00
	Naphthalene	ND	ND	ND	ND	100.00	100.00	100.00
05/16/01	Trichloroethene	ND	ND	ND	ND	100.00	100.00	100.00
	Tetrachloroethene	ND	ND	ND	ND	100.00	100.00	100.00
	Toluene	ND	ND	ND	ND	100.00	100.00	100.00
	1,1-Dichloroethane	ND	ND	ND	ND	100.00	100.00	100.00
	1,1,1-Trichloroethane	ND	ND	ND	ND	100.00	100.00	100.00
	Naphthalene	ND	ND	ND	ND	100.00	100.00	100.00
06/20/01	Trichloroethene	ND	ND	ND	ND	100.00	100.00	100.00
	Tetrachloroethene	40	7.0	ND	ND	100.00	100.00	100.00
	Toluene	ND	ND	0.98	ND	NA	100.00	100.00
	1,1-Dichloroethane	ND	3.0	ND	ND	100.00	100.00	100.00
	1,1,1-Trichloroethane	4.2	ND	ND	ND	100.00	100.00	100.00
	Naphthalene	ND	ND	ND	ND	100.00	100.00	100.00
09/11/01	Trichloroethene	1.4	ND	ND	ND	100.00	100.00	100.00
	Tetrachloroethene	130	2.5	ND	ND	100.00	100.00	100.00
	Toluene	ND	ND	ND	ND	NA	100.00	100.00
	1,1-Dichloroethane	14	ND	ND	ND	100.00	100.00	100.00
	1,1,1-Trichloroethane	88	ND	ND	ND	100.00	100.00	100.00
	Naphthalene	ND	ND	ND	ND	100.00	100.00	100.00
01/17/02	Trichloroethene	NA	NA	ND	ND	NA	NA	NA
	Tetrachloroethene	NA	NA	ND	ND	NA	NA	NA
	Toluene	NA	NA	1.5	ND	NA	NA	NA
	1,1-Dichloroethane	NA	NA	ND	ND	NA	NA	NA
	1,1,1-Trichloroethane	NA	NA	ND	ND	NA	NA	NA
	Naphthalene	NA	NA	ND	ND	NA	NA	NA

Notes:
ND = Not Detected, therefore, compound believed to be absent in treatment train or below method detection limit.
NA = Not Applicable.
(1) = Quarterly vapor recovery/treatment air samples collected on 10/9/00, not during the quarterly groundwater sampling event as intended.
(2) = Quarterly vapor recovery/treatment air samples collected in May because SVE MOV not operational during March sampling event.
The May 16, 2001 sampling event was conducted after the system was re-started and in-place of the scheduled March sampling event.

Table 3
Former Flagship Airlines Hangar Facility
Air Sparge/Soil Vapor Extraction System
Compound of Concern Cumulative Recovery

Sampling Date	Run Time Since Last Visit (hrs) Available / Actual	SVE Operation Since Last O&M Visit (%)	SVE Blower Effluent Flow Velocity (4" diam.) (fpm)	SVE Blower Effluent Flow Rate (cfm)	SVE Blower Effluent Lab Result (ppmv)	SVE Blower Effluent PID Reading (ppmv)	VOC Removal Rate (lbs/hr)	VOC's Recovered Since Last O&M Visit (lbs.)	Cumulative lbs. of VOC's Recovered (lbs.)
8/4/00	0 / 0	0.00%	2885	252	0.165	2.2	0.0006	0.00	0.00
10/9/00	1584 / 627	39.58%	3759	328	0.119	0.0	0.0006	0.40	0.40
12/6/00	1392 / 1032	74.14%	4103	358	0.067	0.0	0.0005	0.51	0.92
5/16/01	3864 / 2320	60.04%	2805	245	0	0.0	0.0002	0.46	1.38
6/20/01	840 / 792	94.29%	3195	279	0.0542	0.0	0.0001	0.08	1.46
9/11/01	1992 / 1992	100.00%	3379	295	0.236	0.0	0.0006	1.20	2.66
1/17/02	3072 / 2712	88.28%	2494	217	0.0015	0.0	0.0005	1.36	4.02

TABLE 4
FORMER FLAGSHIP HANGAR FACILITY
HISTORICAL GROUNDWATER DEPTHS, ELEVATIONS AND DISSOLVED OXYGEN MEASUREMENTS

	DG-1			MW-1			MW-2			MW-6			MW-7A			MW-8		
	TOC Elev. 162.27			TOC Elev. 156.03'			TOC Elev. 162.34'			TOC Elev. 158.64'			TOC Elev. 158.52 '			TOC Elev. 159.37'		
Date	DTW	GW Elev	DO	DTW	GW Elev	DO	DTW	GW Elev	DO	DTW	GW Elev	DO	DTW	GW Elev	DO	DTW	GW Elev	DO
12/30/96	8 65	153 62	NM	1.14	154.89	NM	5.83	156.51	NM	2.41	156.23	NM	1.98	156.54	NM	5.73	153.64	NM
4/2/97	7.80	154.47	NM	0.79	155.24	NM	4.72	157.62	NM	2.24	156.40	NM	1 85	156.67	NM	5.18	154.19	NM
5/21/99	9 00	153 27	12 59	2.32	153.71	14.87	7.32	155.02	15.23	3.75	154.89	13.51	3.45	155.07	13.00	6 19	153.18	12 53
2/9/00	10 12	152 15	NM	NG	NG	NM	8.87	153.47	NM	5.33	153.31	NM	5.14	153.38	NM	7.33	152.04	NM
6/28/00	8.45	153 82	NM	1 22	154.81	NM	5.98	156.36	NM	2.45	156.19	NM	2.15	156.37	NM	5.48	153.89	NM
8/3/00	9.00	153 27	1.19	2.09	153.94	4.65	6.98	155.36	1 02	4.47	154.17	7.17	3.19	155.33	4.25	6.31	153.06	1.57
8/10/00	8.78	153 49	NM	2.07	153.96	NM	6.94	155.40	NM	3.44	155.20	NM	3 17	155.35	NM	6.23	153.14	NM
8/31/00	9.01	153.26	3.58	2.38	153.65	4.69	6.94	155.40	5.25	3.47	155.17	3.60	3.24	155.28	11.05	6 91	152.46	2.29
9/21/00	9.16	153.11	2.48	2.45	153.58	5.59	5.90	156.44	4.28	2.39	156.25	3.62	3.49	155.03	6.98	5.95	153.42	1.76
10/16/00	9.39	152.88	3.58	2.93	153.10	7.97	7.58	154.76	7.68	4.11	154.53	6.09	3.90	154.62	6.79	6.55	152.82	2.81
11/13/00	9.55	152.72	1.75	2.92	153.11	8.58	6.36	155.98	4 48	2.97	155 67	5.09	4.23	154.29	6.56	6.39	152.98	2.37
12/6/00	9.98	152.29	13.25*	3.51	152.52	0.77*	7.45	154.89	15.68*	4.35	154.29	10.61*	4.54	153.98	8.29*	6.88	152.49	17.4*
1/8/01	9.37	152.90	1.83	3.06	152.97	3.33	9.22	153.12	5.38	4.94	153.70	5.57	4.60	153.92	6.24	6.52	152.85	2.52
2/19/01	9.19	153.08	4.19	NM	NM	NM	10.07	152.27	11.15	6.05	152.59	13.03	5.03	153.49	8.13	6.35	153.02	2.33
3/28/01	8.61	153.66	16.51*	1.37	154.66	17.86*	6.56	155.78	9.56*	3.02	155.62	15.73*	2.72	155.80	16.75*	5.75	153.62	15.53*
4/19-4/20/01	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
5/16/01	9.26	153.01	0.73	NG	NG	NM	8.36	153.98	2 09	4.89	153.75	4.29	3.32	155.20	5.54	6.34	153.03	1.05
6/20-6/21/01	9.32	152.95	0 63	2.29	153.74	2.98	7.35	154.99	6.75	3.84	154.80	4.00	3.53	154.99	4.37	7.01	152.36	0.66
7/30/01	9.93	152.34	0.77	3.21	152.82	1.22	8.81	153.53	2.82	5.30	153.34	3.56	4.53	153.99	4.17	7.33	152.04	1.08
8/16/01	10.30	151.97	0.62	3.56	152.47	1.71	9.55	152.79	2.37	5.94	152.70	4.12	4.87	153.65	3.57	8.22	151.15	0.94
9/10/01	10.81	151.46	0.62	3.95	152.08	1.08	7.60	154.74	3.69	4.40	154.24	9.97	4.93	153.59	4.12	9.22	150.15	1.35
10/31/01	10 73	151 54	0.56	4.02	152.01	3.69	NM	NM	NM	4.75	153.89	4.86	5.50	153.02	3.72	NM	NM	NM
11/29/01	11.13	151 14	0 81	4.35	151.68	6.27	10.49	151.85	5.65	7.76	150.88	7.10	6.02	152.50	3.54	8.90	150.47	1.34
12/13/01	11.11	151 16	0.29	4.64	151.39	5.47	12.31	150.03	6.31	8.03	150.61	3.62	6.56	151.96	3.38	8.75	150.62	NM
1/17/02	10.96	151.31	1.00	4.04	151.99	0.95	11.98	150.36	7.03	8.13	150.51	6.98	6.44	152.08	5.20	8.13	151.24	2.42

	MW-9			MW-10			MW-20			ME-12			ME-13			ME-14		
	TOC Elev. 158.87'			TOC Elev. 158.72'			TOC Elev. 159.24'			TOC Elev. 158.87'			TOC Elev. 159.50'			TOC Elev. 159.98'		
Date	DTW	GW Elev	DO	DTW	GW Elev	DO	DTW	GW Elev	DO	DTW	GW Elev	DO	DTW	GW Elev	DO	DTW	GW Elev	DO
12/30/96	2.72	156.15	NM	2.58	156.14	NM	NG	NG	NM	3.12	155.75	NM	6.10	153.40	NM	3.91	156.07	NM
4/2/97	4.54	154.33	NM	2.39	156.33	NM	NG	NG	NM	3.06	155.81	NM	5.65	153.85	NM	3.86	156.12	NM
5/21/99	3.82	155.05	13.58	3.55	155.17	11.12	NG	NG	NI	4.50	154.37	14.39	7.10	152.40	10.13	5.39	154.59	10.41
2/9/00	5.43	153.44	NM	5.20	153.52	NM	NG	NG	NM	5.83	153.04	NM	NG	NG	NM	6.71	153.27	NM
6/28/00	2.91	155.96	NM	2.72	156.00	NM	4.46	154.78	NM	3.29	155.58	NM	7.14	152.36	NM	3.92	156.06	NM
8/3/00	3.75	155.12	0.2	3.55	155.17	0.25	5.15	154.09	2.55	4.08	154.79	0.65	7.65	151.85	1.80	4.79	155.19	0.61
8/10/00	3.72	155.15	NM	3.50	155.22	NM	5.09	154.15	NM	4.06	154.81	NM	6.69	152.81	NM	4.72	155.26	NM
8/31/00	3.69	155.18	8.29	3.52	155.2	3.68	5.65	153.59	6.51	4.17	154.7	10.93	6.97	152.53	4.37	4.95	155.03	3.3
9/21/00	3.54	155.33	1.67	3.80	154.92	3.39	4.56	154.68	3.88	3.76	155.11	9.34	8.79	150.71	3.89	5.31	154.67	2.07
10/16/00	3.99	154.88	7.77	4.12	154.6	2.72	4.90	154.34	7.37	4.70	154.17	10.51	NG	NG	NG	5.76	154.22	3.18
11/13/00	4.53	154.34	2.02	4.58	154.14	2.11	5.44	153.8	8.38	3.32	155.55	10.55	9.93	149.57	1.56	9.93	150.05	1.56
12/6/00	4.80	154.07	2.06*	4.67	154.05	2.39*	6.44	152.8	5.82	5.19	153.68	10.66*	8.04	151.46	6.97*	6.45	153.53	0.6*
1/8/01	4.65	154.22	8.61	4.58	154.14	4.28	6.02	153.22	5.59	5.18	153.69	10.58	7.85	151.65	1.97	6.30	153.68	2.21
2/19/01	4.60	154.27	9.38	4.20	154.52	8.91	5.56	153.68	6.59	6.64	152.23	8.94	6.92	152.58	1.14	5.62	154.36	1.38
3/28/01	3.32	155.55	13.77*	3.15	155.57	9.77*	4.70	154.54	13.08*	3.67	155.20	10.95*	6.41	153 09	16.11*	4.50	155.48	11.53*
4/19-4/20/01	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
5/16/01	3.68	155.19	0 74	3.45	155.27	0.58	5.11	154.13	0.58	4.53	154.34	1.48	NG	NG	NM	5.00	154.98	1.14
6/20-6/21/01	3.98	154.89	0.68	3.73	154.99	0.70	5.65	153.59	0.81	4.52	154.35	5.68	7.12	152 38	1.07	5.15	154.83	0.63
7/30/01	4.91	153.96	0.36	4.60	154.12	0.31	6.13	153.11	2.16	5.93	152.94	6.65	NM	NM	NM	5.95	154.03	0.53
8/16/01	5.14	153.73	0.45	5.06	153.66	0.43	6.92	152.32	0.54	7.25	151.62	4.09	8.13	151.37	0.69	6.38	153.60	0.57
9/10/01	4.98	153.89	0.58	5.33	153.39	0.54	7.61	151.63	0.79	5.15	153.72	10.72	7.55	151.95	0.89	6.90	153.08	0.39
10/31/01	5.40	153.47	0.87	5.84	152.88	0.69	6.82	152.42	1.92	5.63	153.24	3.14	9.56	149.94	0.56	7.23	152.75	0.72
11/29/01	6.08	152.79	0.59	6.32	152.40	0.47	6.92	152.32	1.56	8.27	150.60	2.41	8.61	150.89	0.91	7.65	152.33	0.93
12/13/01	6.69	152.18	0.91	6.54	152.18	0.56	7.92	151.32	4.15	7.85	151.02	5.80	11.23	148.27	0.52	7.82	152.16	0.67
1/17/02	6.07	152.80	0.59	6.29	152.43	1.40	NM	NM	NM	7.93	150.94	2.60	9.10	150.40	1.30	7.83	152.15	1.33

Notes:
Joint water level gauging on former Flagship and IBM properties began on June 28, 2000, therefore, IT Corporation did not collect prior to this date.
NG - Well Not Gauged on this date
NI = Not installed as of this date

All dissolved oxygen measurements are in mg/l.
NM = Not Measured.
* = DO measurement incorrect due to malfunctioning meter.

TABLE 4 (Continued)
FORMER IBM HANGAR FACILITY
HISTORICAL GROUNDWATER DEPTHS, ELEVATIONS AND DISSOLVED OXYGEN MEASUREMENTS

	ME-15			ME-16			ME-18			ME-19			PZ-1		
	TOC Elev. 159.66'			TOC Elev. 159.09'			TOC Elev. 157.82'			TOC Elev. 161.08'			TOC Elev. 157.46'		
Date	DTW	GW Elev	DO	DTW	GW Elev	DO	DTW	GW Elev	DO	DTW	GW Elev	DO	DTW	GW Elev	DO
12/30/96	3.58	156.08	NM	2.45	156.64	NM	2.31	155.51	NM	NG	NG	NM	NG	NG	NM
4/2/97	3.58	156.08	NM	2.43	156.66	NM	2.27	155.55	NM	6.31	154.77	NM	NG	NG	NM
5/21/99	5.10	154.56	9.09	4.00	155.09	9.86	3.29	154.53	14.69	7.68	153.4	13.17	NG	NG	NI
2/9/00	NG	NG	NM	NG	NG	NM	4.89	152.93	NM	8.86	152.22	NM	NG	NG	NM
6/28/00	4.20	155.46	NM	2.55	156.54	NM	1.95	155.87	NM	7.48	153.6	NM	3.24	154.22	NM
8/3/00	4.29	155.37	3	3.65	155.44	0.86	3.17	154.65	3.36	7.37	153.71	2.32	3.89	153.57	0.5
8/10/00	4.35	155.31	NM	3.59	155.50	NM	3.13	154.69	NM	7.32	153.76	NM	3.84	153.62	NM
8/31/00	4.53	155.13	3.78	3.58	155.51	3.88	3.18	154.64	4.51	8.08	153.00	2.48	4.50	152.96	6.39
9/21/00	5.07	154.59	1.67	3.96	155.13	1.98	3.17	154.65	2.96	7.32	153.76	3.93	3.70	153.76	1.19
10/16/00	5.44	154.22	4.33	4.52	154.57	3.58	6.99	150.83	2.89	4.50	156.58	3.93	4.91	152.55	3.51
11/13/00	5.51	154.15	1.71	4.81	154.28	2.19	6.00	151.82	2.19	8.87	152.21	2.96	3.40	154.06	2.84
12/6/00	6.05	153.61	0.35	5.30	153.79	16.08*	5.43	152.39	15.24*	7.96	153.12	12.57*	4.91	152.55	3.72
1/8/01	6.00	153.66	2.51	NM	NM	NM	5.60	152.22	2.73	8.25	152.83	0.44	NM	NM	NM
2/19/01	9.31	150.35	1.22	NM	NM	NM	3.94	153.88	8.71	7.81	153.27	3.28	NM	NM	NM
3/28/01	4.16	155.50	17.42*	3.26	155.83	12.62*	2.55	155.27	10.86*	7.51	153.57	14.44*	3.41	154.05	NM
4/19-4/20/01	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
5/16/01	NG	NG	NM	3.85	155.24	0.85	3.36	154.46	1.89	7.59	153.49	1.19	4.11	153.35	2.63
6/20-6/21/01	4.59	155.07	1.30	3.94	155.15	0.61	3.41	154.41	3.35	8.21	152.87	0.66	4.31	153.15	2.11
7/30/01	NM	NM	NM	4.80	154.29	0.50	3.18	154.64	2.49	8.61	152.47	0.63	5.11	152.35	2.47
8/16/01	6.03	153.63	1.71	5.25	153.84	0.64	4.40	153.42	2.28	8.84	152.24	0.76	5.60	151.86	2.21
9/10/01	8.56	151.10	0.98	5.77	153.32	0.85	4.82	153.00	3.49	9.65	151.43	1.25	WNA	WNA	WNA
10/31/01	6.89	152.77	0.61	6.15	152.94	1.35	4.96	152.86	2.97	NM	NM	NM	5.89	151.57	2.12
11/29/01	9.76	149.90	0.73	6.56	152.53	0.43	5.67	152.15	1.47	9.84	151.24	0.71	4.87	152.59	1.09
12/13/01	8.01	151.65	0.41	6.80	152.29	0.52	6.85	150.97	1.88	10.27	150.81	NM	6.49	150.97	2.82
1/17/02	7.93	151.73	2.62	NM	NM	NM	6.47	151.35	1.26	9.55	151.53	0.76	6.11	151.35	2.13

	A-8S			A-16S			A-19S			A-20S			A-26S		
	TOC Elev. 157.86'			TOC Elev. 157.40'			TOC Elev. 159.04'			TOC Elev. 158.76'			TOC Elev. 154.94'		
Date	DTW	GW Elev	DO	DTW	GW Elev	DO	DTW	GW Elev	DO	DTW	GW Elev	DO	DTW	GW Elev	DO
6/28/00	8.65	149.21	NM	5.06	152.34	NM	5.83	153.21	NM	6.33	152.43	NM	2.04	152.90	NM
8/3/00	5.07	152.79	2.06	5.37	152.03	0.62	6.79	152.25	2.30	6.64	152.12	0.64	3.40	151.54	3.95
8/10/00	5.00	152.86	NM	5.29	152.11	NM	6.71	152.33	NM	6.52	152.24	NM	2.61	152.33	NM
8/31/00	5.25	152.61	3.90	5.57	151.83	1.74	6.89	152.15	3.33	6.82	151.94	4.55	2.55	152.39	8.19
9/21/00	5.35	152.51	4.59	5.69	151.71	2.48	7.11	151.93	2.37	6.92	151.84	4.38	3.09	151.85	3.47
10/16/00	5.67	152.19	4.49	5.95	151.45	4.81	7.48	151.56	5.36	7.32	151.44	4.66	3.41	151.53	3.78
11/13/00	5.65	152.21	3.36	5.92	151.48	8.19	7.39	151.65	7.29	7.22	151.54	5.29	3.90	151.04	2.91
12/6/00	6.16	151.70	11.84	6.26	151.14	6.81	7.72	151.32	5.54	7.62	151.14	8.33	3.91	151.03	2.99*
1/8/01	5.88	151.98	1.83	6.09	151.31	7.78	7.57	151.47	4.03	NM	NM	NM	3.50	151.44	0.81
2/19/01	5.30	152.56	2.34	5.50	151.90	4.90	6.96	152.18	6.41	NM	NM	NM	NM	NM	NM
3/28/01	4.71	153.15	21.61*	5.01	152.39	NM	6.38	152.66	NM	6.18	152.58	NM	2.75	152.19	20.48*
4/19-4/20/01	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
5/16/01	5.30	152.56	1.93	5.62	151.78	1.33	7.05	152.09	1.42	6.79	151.97	0.93	3.00	151.94	1.79
6/20-6/21/01	5.32	152.54	1.70	5.60	151.80	1.95	7.09	151.95	1.01	6.93	151.83	0.58	3.71	151.23	0.53
7/30/01	6.00	151.86	1.16	6.19	151.21	1.70	7.67	151.37	0.83	7.45	151.31	0.57	3.63	151.31	0.69
8/16/01	6.28	151.58	0.94	6.43	150.97	1.96	7.94	151.10	0.71	7.79	150.97	0.39	3.90	151.04	0.45
9/10/01	6.65	151.21	0.83	6.75	150.65	2.00	8.26	150.78	0.77	8.01	150.75	0.84	4.30	150.64	0.59
10/31/01	6.70	151.16	0.47	6.86	150.54	2.36	8.35	150.69	0.48	8.14	150.62	0.68	4.20	150.74	0.44
11/29/01	6.94	150.92	0.66	7.09	150.31	4.65	8.60	150.44	2.56	8.34	150.42	1.17	NM	NM	NM
12/13/01	7.15	150.71	NM	7.13	150.27	2.48	8.68	150.36	1.67	8.35	150.41	NM	4.64	150.30	0.55
1/17/02	6.89	150.97	0.89	7.05	150.35	5.95	8.53	150.51	2.98	8.28	150.48	1.20	4.40	150.54	0.61

Notes:
Joint water level gauging on former Flagship and IBM properties began on June 28, 2000, therefore, IT Corporation did not collect prior to this date.
NG = Well not gauged because dumpster was positioned over it.
NM = Not Measured
WNA = Well Not Accessible at time of gauging.
All dissolved oxygen measurements are in mg/l
* = DO measurement incorrect due to malfunctioning meter.

TABLE 4 (Continued)
FORMER FLAGSHIP HANGAR FACILITY
HISTORICAL GROUNDWATER DEPTHS, ELEVATIONS AND DISSOLVED OXYGEN MEASUREMENTS

	A-27S			A-39S			A-40S			A-41S			A-42S			A-43S			A-44S		
	TOC Elev. 157.74'			TOC Elev. 159.51			TOC Elev. 161.03'			TOC Elev. 160.64'			TOC Elev. 159.40'			TOC Elev. 157.89'			TOC Elev. 155.33'		
Date	DTW	GW Elev	DO	DTW	GW Elev	DO	DTW	GW Elev	DO	DTW	GW Elev	DO	DTW	GW Elev	DO	DTW	GW Elev	DO	DTW	GW Elev	DO
6/28/00	4.35	153.39	NM	6.75	152.76	NM	7.81	153.22	NM	7.94	152.70	NM	7.05	152.35	NM	4.75	153.14	NM	2.72	152.61	NM
8/3/00	5.27	152.47	1.00	7.05	152.46	5.78	7.88	153.15	0.48	7.71	152.93	0.54	7.88	151.52	0.47	5.77	152.12	2.15	4.32	151.01	1.88
8/10/00	5.20	152.54	NM	6.96	152.55	NM	7.66	153.37	NM	7.61	153.03	NM	7.60	151.80	NM	4.66	153.23	NM	4.30	151.03	NM
8/31/00	5.32	152.42	2.90	7.23	152.28	7.28	8.55	152.48	2.31	8.09	152.55	9.36	6.98	152.42	2.04	5.07	152.82	2.11	NG	NG	WNA
9/21/00	4.83	152.91	2.99	7.47	152.04	6.18	6.75	154.28	3.59	7.37	153.27	7.36	5.43	153.97	2.68	4.64	153.25	3.18	NG	NG	WNA
10/16/00	5.43	152.31	3.43	7.58	151.93	7.57	7.22	153.81	2.89	7.90	152.74	9.26	6.27	153.13	3.81	5.52	152.37	3.38	4.83	150.50	3.59
11/13/00	5.19	152.55	3.38	7.62	151.89	9.32	7.54	153.49	2.58	8.02	152.62	3.53	5.77	153.63	2.67	4.81	153.08	2.49	4.83	150.5	3.05
12/6/00	5.78	151.96	4.17*	6.02	153.49	5.26	8.37	152.66	4.08	8.43	152.21	12.17*	6.86	152.54	4.47*	5.67	152.22	12.23*	5.04	150.29	2.56
1/8/01	5.55	152.19	1.09	7.81	151.70	7.47	NM	NM	NM	8.10	152.54	1.79	NM	NM	NM	NM	NM	NM	NM	NM	NM
2/19/01	5.01	152.73	8.53	7.20	152.31	3.43	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
3/28/01	4.50	153.24	17.84*	6.70	152.81	NM	7.24	153.79	NM	7.60	153.04	15.18*	5.62	153.78	15.19*	4.20	153.66	16.00*	3.89	151.44	NM
4/19-4/20/01	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
5/16/01	5.05	152.69	0.94	7.41	152.10	3.86	7.70	153.33	0.54	NG	NG	NM	6.01	153.39	0.60	4.76	153.10	0.93	4.49	150.84	0.93
6/20-6/21/01	5.24	152.50	0.69	7.36	152.15	4.99	8.35	152.68	0.71	8.00	152.64	0.58	7.10	152.30	0.82	5.22	152.64	1.10	4.52	150.81	0.55
7/30/01	6.04	151.70	0.73	7.97	151.54	4.39	8.76	152.27	0.53	8.58	152.06	0.78	7.63	151.77	0.65	5.86	152.03	1.08	4.97	150.36	1.01
8/16/01	6.33	151.41	0.98	8.24	151.27	2.09	9.60	151.43	0.69	9.11	151.53	0.74	8.07	151.33	0.81	6.24	151.65	0.91	5.41	149.92	0.37
9/10/01	6.98	150.76	0.67	8.55	150.96	1.35	11.24	149.79	0.56	10.13	150.51	0.52	9.30	150.10	1.63	6.75	151.14	0.94	5.42	149.91	0.90
10/31/01	6.64	151.10	0.60	8.72	150.79	0.78	9.46	151.57	0.92	9.18	151.46	0.43	7.88	151.52	0.51	6.47	151.42	0.77	5.51	149.82	0.39
11/29/01	6.93	150.81	0.66	8.93	150.58	0.69	10.46	150.57	0.43	10.02	150.62	0.70	8.54	150.86	0.93	6.82	151.07	1.40	NM	NM	NM
12/13/01	7.28	150.46	0.16	8.96	150.55	NM	10.27	150.76	0.43	9.88	150.76	0.54	8.71	150.69	0.38	6.98	150.91	0.26	5.74	149.59	0.79
1/17/01	6.85	150.89	0.70	8.87	150.64	1.20	9.70	151.33	1.20	9.93	150.71	0.60	8.12	151.28	0.85	6.62	151.27	1.53	5.64	149.69	NM

Notes.
Joint water level gauging on former Flagship and IBM properties began on June 28, 2000, therefore, IT Corporation did not collect prior to this date.
NG = Well not gauged because dumpster was positioned over it.
NM = Not Measured.
WNA = Well Not Accessible at time of gauging
All dissolved oxygen measurements are in mg/l.
* = DO measurement incorrect due to malfunctioning meter.

TABLE 5
ANALYTICAL RESULTS OVERBURDEN MONITORING WELLS -January 17, 2002
FORMER FLAGSHIP AIRLINES HANGAR - DUTCHESS COUNTY AIRPORT
ORDER ON CONSENT NOL W3-0837-00-06, NYSDEC SITE NO. 3-14-101

Field Parameters	NYSDEC Standard (1)	ME-12	ME-13	ME-14	ME-15	ME-16	ME-18	ME-19	MW-1	MW-2	MW-6	MW-7A	MW-8	MW-9 (4)	MW-10 (4)	MW-20	DG-1	Septic	DUP A (ME-19)
pH	6.5-8.5	NS	NS	NS	NS	NS	NS	6.53	NS	NS	6.24	NS	6.21	6.16	5.86	5.97	NS	NS	6.53
Temperature (deg Celcius)	--	NS	NS	NS	NS	NS	NS	--	NS	NS	--	NS	--	--	--	--	NS	NS	--
Conductivity (umhos/cm)	--	NS	NS	NS	NS	NS	NS	700	NS	NS	770	NS	758	763	1783	682	NS	NS	700
Turbidity (NTU)	5	NS	NS	NS	NS	NS	NS	184.3	NS	NS	112.7	NS	182.3	245.2	6.3	230.0	NS	NS	184.3
Dissolved Oxygen (ppm)	--	2.60	1.30	1.33	2.62	NS	1.26	0.76	0.95	7.03	6.98	5.20	2.42	0.59	1.40	NS	1.00	NS	0.76
Volatile Organic Compound by ASP/CLP Method (ug/L)																			
Methylene Chloride	5	NS	NS	NS	NS	NS	NS	10U	NS	NS	10U	NS	10U	200U	10U	10U	NS	NS	10UJ
Acetone	--	NS	NS	NS	NS	NS	NS	10U	NS	NS	10UJ	NS	10U	200UJ	33	10U	NS	NS	10UJ
1,1-Dichloroethane	5	NS	NS	NS	NS	NS	NS	10U	NS	NS	10U	NS	10U	200U	**7J**	10U	NS	NS	2J
1,2-Dichloroethene, Total	5	NS	NS	NS	NS	NS	NS	10U	NS	NS	10U	NS	10U	200U	10U	10U	NS	NS	**12J**
MEK (2-Butanone)	50	NS	NS	NS	NS	NS	NS	10U	NS	NS	10U	NS	10U	200UJ	8J	10U	NS	NS	10UJ
1,1,1-Trichloroethane	5	NS	NS	NS	NS	NS	NS	10U	NS	NS	10U	NS	10U	200U	**4J**	10U	NS	NS	10UJ
Tetrachloroethene	5	NS	NS	NS	NS	NS	NS	10U	NS	NS	**10**	NS	10U	**280**	**74**	10U	NS	NS	10UJ
Semi-Volatile Organic Compound by ASP/CLP Method (ug/L)																			
Phenol	1 (3)	NS	NS	NS	NS	NS	NS	10U	NS	NS	11U	NS	10U	**84**	10U	10U	NS	NS	10U
2,4-Dimethylphenol	1 (3)	NS	NS	NS	NS	NS	NS	10U	NS	NS	11U	NS	10U	30U	**3J**	10U	NS	NS	10U
4-Methylphenol	1 (3)	NS	NS	NS	NS	NS	NS	10U	NS	NS	11U	NS	10U	**100**	**20**	10U	NS	NS	10U
Naphthalene	--	NS	NS	NS	NS	NS	NS	10U	NS	NS	40	NS	10U	170	55	10U	NS	NS	10U
Phenanthrene	50	NS	NS	NS	NS	NS	NS	10U	NS	NS	11U	NS	10U	4J	10U	10U	NS	NS	10U
Pyrene	50	NS	NS	NS	NS	NS	NS	10U	NS	NS	11U	NS	10U	24J	10U	10U	NS	NS	10U
Fluoranthene	50	NS	NS	NS	NS	NS	NS	10U	NS	NS	11U	NS	10U	13J	10U	10U	NS	NS	10U
Chrysene	0.002	NS	NS	NS	NS	NS	NS	10U	NS	NS	11U	NS	10U	**8J**	10U	10U	NS	NS	10U
2-Methylnaphthalene	--	NS	NS	NS	NS	NS	NS	10U	NS	NS	11U	NS	10U	30U	6J	10U	NS	NS	10U
Diethyl phthalate	50	NS	NS	NS	NS	NS	NS	10U	NS	NS	11U	NS	10U	30U	5J	10U	NS	NS	10U
Butyl benzyl phthalate	50	NS	NS	NS	NS	NS	NS	10U	NS	NS	11U	NS	10U	28J	3J	10U	NS	NS	10U
Di-n-butyl phthalate	50	NS	NS	NS	NS	NS	NS	10U	NS	NS	11U	NS	10U	**94**	12	10U	NS	NS	10U
Di-n-octyl phthalate	50	NS	NS	NS	NS	NS	NS	10U	NS	NS	11U	NS	10U	19J	3J	10U	NS	NS	10U
Bis (2-ethylhexyl) phthalate	50	NS	NS	NS	NS	NS	NS	10U	NS	NS	11U	NS	10U	**110J**	22	14U	NS	NS	10U

Notes:

Only compounds detected at one or more sampling locations are listed.

BOLD values indicate detections above NYSDEC Standards or Guidance Values.

Laboratory data on this table includes third party validation.

(1) = NYSDEC Standards has taken from Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998.

(3) = The collective sum of all phenol compounds should not exceed 1 ug/l.

(4) = Semi-volatile organic sample collected on January 23, 2002. Standing water in well only containerized for volatiles on January 17, 2002.

U = Indicates compound was analyzed for but not detected.

J = Indicates estimated value which is less than the sample quantitation limit but greater than zero.

D = Indentifies all compounds in analysis at a secondary dilution factor.

NS = Not Sampled.

TABLE 5 (Continued)
ANALYTICAL RESULTS OVERBURDEN MONITORING WELLS -January 17, 2002
FORMER IBM SHALLOW WELLS
ORDER ON CONSENT NO. W3-0837-00-06, NYSDEC SITE NO. 3-14-101

Field Parameters	NYSDEC Standard (1)	A-8S	A-26S	A-27S	A-41S	A-42S	A-43S
pH	6.5-8.5	NS	6.82	6.25	NS	6.35	6.29
Temperature (deg Celcius)	--	NS	--	--	NS	--	--
Conductivity (umhos/cm)	--	NS	900	686	NS	654	892
Turbidity (NTU)	5	NS	3.22	119.0	NS	290.0	87.30
Dissolved Oxygen (ppm)	--	0.89	0.61	0.70	0.60	0.85	1.53
Volatile Organic Compound by ASP/CLP Method (ug/L)							
Vinyl Chloride	2	NS	10U	2J	NS	**130**	10U
Chloroethane	5	NS	10U	10U	NS	**57**	10U
1,1-Dichloroethane	5	NS	**14**	2J	NS	**21**	3J
1,2-Dichloroethene, Total	5	NS	10U	**10**	NS	**26**	10U
Toluene	5	NS	10U	10U	NS	**10J**	10U
Ethylbenzene	5	NS	10U	10U	NS	**3J**	10U
Xylenes, Total	5	NS	10U	10U	NS	**22**	10U
Semi-Volatile Organic Compound by ASP/CLP Method (ug/L)							
4-Methylphenol	1	NS	12U	9U	NS	**60J**	10U
2,4-Dimethylphenol	5	NS	12U	9U	NS	200U	10U
Naphthalene	--	NS	12U	4J	NS	1200	10U
4-Chloroaniline	--	NS	12U	10U	NS	200UJ	10U
2-Methylnaphthalene	--	NS	12UJ	10UJ	NS	200U	10UJ
Di-n-octyl phthalate	--	NS	12U	9U	NS	200UJ	10U

Notes:

Only compounds detected at one or more sampling locations are listed.

BOLD values indicate detections above NYSDEC Standards or Guidance Values.

Laboratory data on this table includes third party validation.

(1) = NYSDEC Standards has taken from Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998.

U = Indicates compound was analyzed for but not detected.

J = Indicates estimated value which is less than the sample quantitation limit but greater than zero.

D = Indentifies all compounds in analysis at a secondary dilution factor.

NS = Not Sampled.

ND = Not Detected.

TABLE 6
SUMMARY OF HISTORICAL WATER QUALITY RESULTS
FORMER FLAGSHIP AIRLINES HANGAR - DUTCHESS COUNTY AIRPORT
ORDER ON CONSENT NO: 3-0837-98-12, NYSDEC SITE NO: 3-14-101

Volatile Organic Compounds of Concern	NYSDEC Standard (1)	ME-12 5/20/99	6/28/00	9/21/00	12/7/00	3/29/01	6/20/01	9/10/01	1/17/02	ME-13 5/20/99	6/28/00	9/21/00	12/6/00	3/28/01	6/20/01	9/10/01	1/17/02
1,1-Dichloroethane	5	10U	10U	10U	10U	10U	10U	5U	NS	10U	10U	10U	10U	10U	10U	5U	NS
1,1,1-Trichloroethane	5	10U	10U	10U	10U	10U	10U	5U	NS	10U	10U	10U	10U	10U	10U	5U	NS
Trichloroethene	5	10U	10U	10U	10U	10U	10U	5U	NS	10U	10U	10U	10U	10U	10U	5U	NS
Tetrachloroethene	5	10U	10U	10U	10U	10U	10U	5U	NS	10U	10U	10U	10U	10U	10U	5U	NS
Toluene	5	10U	10U	10U	10U	10U	10U	5U	NS	10U	10U	10U	10U	10U	10U	5U	NS
Semi-Volatile Organic Compound of Concern																	
Naphthalene	10	10U	9U	9U	10U	9U	10U	10U	NS	10U	9U	9U	9U	9U	10UR	10U	NS

Notes:

Compounds of concern were noted in the Interim Remedial Measures Work Plan, June 7, 1999.

BOLD values indicate laboratory detections.

Laboratory data on this table includes third party validation.

(1) = NYSDEC Standards has taken from Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998.

U = Indicates compound was analyzed for but not detected.

J = Indicates estimated value which is less than the sample quantitation limit but greater than zero.

D = Indentifies all compounds in analysis at a secondary dilution factor.

R =Data unusable (compound may or may not be present).

NS = Not Sampled.

ND = Not Detected.

TABLE 6
SUMMARY OF HISTORICAL WATER QUALITY RESULTS
FORMER FLAGSHIP AIRLINES HANGAR - DUTCHESS COUNTY AIRPORT
ORDER ON CONSENT NO: 3-0837-98-12, NYSDEC SITE NO: 3-14-101

Volatile Organic	NYSDEC	ME-14								ME-15							
Compounds of Concern	Standard (1)	5/20/99	6/28/00	9/21/00	12/6/00	3/29/01	6/20/01	9/10/01	1/17/02	5/20/99	6/28/00	9/21/00	12/6/00	3/28/01	6/20/01	9/10/01	1/17/02
1,1-Dichloroethane	5	10U	10U	10U	10U	10U	5U	5U	NS	10U	10U	10U	10U	10U	5U	5U	NS
1,1,1-Trichloroethane	5	10U	10U	10U	10U	10U	5U	5U	NS	10U	10U	10U	10U	10U	5U	5U	NS
Trichloroethene	5	10U	10U	10U	10U	10U	5U	5U	NS	10U	10U	10U	10U	10U	5U	5U	NS
Tetrachloroethene	5	**1J**	**6J**	**2J**	10U	10U	5U	5U	NS	10U	10U	10U	10U	10U	5U	5U	NS
Toluene	5	10U	10U	10U	10U	10U	5U	5U	NS	10U	10U	10U	10U	10U	5U	5U	NS
Semi-Volatile Organic																	
Compound of Concern																	
Naphthalene	10	10U	9U	9U	10U	9U	10U	10U	NS	10U	**0.7J**	9UJ	9U	10U	10U	10U	NS

Notes:

Compounds of concern were noted in the Interim Remedial Measures Work Plan, June 7, 1999.

BOLD values indicate laboratory detections.

Laboratory data on this table includes third party validation.

(1) = NYSDEC Standards has taken from Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998.

U = Indicates compound was analyzed for but not detected.

J = Indicates estimated value which is less than the sample quantitation limit but greater than zero.

D = Indentifies all compounds in analysis at a secondary dilution factor.

R =Data unusable (compound may or may not be present).

NS = Not Sampled.

ND = Not Detected.

TABLE 6
SUMMARY OF HISTORICAL WATER QUALITY RESULTS
FORMER FLAGSHIP AIRLINES HANGAR - DUTCHESS COUNTY AIRPORT
ORDER ON CONSENT NO: 3-0837-98-12, NYSDEC SITE NO: 3-14-101

Volatile Organic	NYSDEC	ME-16								ME-18							
Compounds of Concern	**Standard (1)**	5/20/99	6/28/00	9/21/00	12/6/00	3/28/01	6/20/01	9/10/01	1/17/02	5/20/99	6/28/00	9/21/00	12/7/00	3/29/01	6/20/01	9/10/01	1/17/02
1,1-Dichloroethane	5	10U	10U	10U	10U	10U	5U	5U	NS	**6J**	10U	10U	10U	10U	5U	5U	NS
1,1,1-Trichloroethane	5	10U	10U	10U	10U	10U	5U	5U	NS	10U	10U	10U	10U	10U	5U	5U	NS
Trichloroethene	5	10U	10U	10U	10U	10U	5U	5U	NS	10U	10U	10U	10U	10U	5U	5U	NS
Tetrachloroethene	5	10U	10U	10U	10U	10U	5U	5U	NS	10U	10U	10U	10U	10U	5U	5U	NS
Toluene	5	10U	10U	10U	10U	10U	5U	5U	NS	10U	10U	10U	10U	10U	5U	5U	NS
Semi-Volatile Organic Compound of Concern																	
Naphthalene	10	10U	10U	50U	10U	47U	10U	10U	NS	**11**	**5J**	9U	10U	9U	10U	10U	NS

Notes:

Compounds of concern were noted in the Interim Remedial Measures Work Plan, June 7, 1999.

BOLD values indicate laboratory detections.

Laboratory data on this table includes third party validation.

(1) = NYSDEC Standards has taken from Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998.

U = Indicates compound was analyzed for but not detected.

J = Indicates estimated value which is less than the sample quantitation limit but greater than zero.

D = Indentifies all compounds in analysis at a secondary dilution factor.

R =Data unusable (compound may or may not be present).

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TABLE 6
SUMMARY OF HISTORICAL WATER QUALITY RESULTS
FORMER FLAGSHIP AIRLINES HANGAR - DUTCHESS COUNTY AIRPORT
ORDER ON CONSENT NO: 3-0837-98-12, NYSDEC SITE NO: 3-14-101

Volatile Organic	NYSDEC	ME-19								MW-1							
Compounds of Concern	Standard (1)	5/20/99	6/28/00	9/21/00	12/6/00	3/28/01	6/20/01	9/10/01	1/17/02	5/20/99	6/28/00	9/21/00	12/6/00	3/29/01	6/20/01	9/10/01	1/17/02
1,1-Dichloroethane	5	**11**	10U	10U	10U	10U	5U	5U	10U	10U	10U	10U	10U	10U	5U	5U	NS
1,1,1-Trichloroethane	5	10U	10U	10U	10U	10U	5U	5U	10U	10U	10U	10U	10U	10U	5U	5U	NS
Trichloroethene	5	10U	10U	10U	10U	10U	5U	5U	10U	10U	10U	10U	10U	10U	5U	5U	NS
Tetrachloroethene	5	**3J**	10U	10U	10U	10U	5U	5U	10U	10U	10U	10U	10U	10U	5U	5U	NS
Toluene	5	10U	10U	10U	10U	10U	5U	5U	10U	10U	10U	10U	10U	10U	5U	5U	NS
Semi-Volatile Organic																	
Compound of Concern																	
Naphthalene	10	**30**	9U	**1J**	10U	**6J**	**10U**	**2J**	10U	10U	9U	9U	10U	9U	10U	10U	NS

Notes:

Compounds of concern were noted in the Interim Remedial Measures Work Plan, June 7, 1999.

BOLD values indicate laboratory detections.

Laboratory data on this table includes third party validation.

(1) = NYSDEC Standards has taken from Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998.

U = Indicates compound was analyzed for but not detected.

J = Indicates estimated value which is less than the sample quantitation limit but greater than zero.

D = Indentifies all compounds in analysis at a secondary dilution factor.

R =Data unusable (compound may or may not be present).

NS = Not Sampled.

ND = Not Detected.

TABLE 6
SUMMARY OF HISTORICAL WATER QUALITY RESULTS
FORMER FLAGSHIP AIRLINES HANGAR - DUTCHESS COUNTY AIRPORT
ORDER ON CONSENT NO: 3-0837-98-12, NYSDEC SITE NO: 3-14-101

Volatile Organic	NYSDEC	MW-2								MW-6							
Compounds of Concern	**Standard (1)**	5/20/99	6/28/00	9/21/00	12/7/00	3/29/01	6/20/01	9/10/01	1/17/02	5/20/99	6/28/00	9/21/00	12/7/00	3/29/01	6/20/01	9/10/01	1/17/02
1,1-Dichloroethane	5	10U	10U	10U	10U	10U	5U	5U	NS	10U	10U	10U	10U	10U	5U	5U	10U
1,1,1-Trichloroethane	5	10U	10U	10U	10U	10U	**5U**	5U	NS	10U	10U	10U	10U	10U	**5U**	5U	10U
Trichloroethene	**5**	10U	10U	10U	10U	10U	5U	5U	**NS**	10U	10U	10U	10U	10U	**5U**	5U	10U
Tetrachloroethene	5	10U	10U	10U	10U	10U	5U	5U	NS	**4J**	**5J**	**18**	10U	10U	5U	5U	**10**
Toluene	5	10U	10U	10U	10U	10U	5U	5U	NS	10U	10U	10U	10U	10U	5U	5U	10U
Semi-Volatile Organic																	
Compound of Concern																	
Naphthalene	10	10U	9U	9U	10U	10U	10U	10U	NS	39	**10**	9U	10U	10U	10U	10U	**40**

Notes:

Compounds of concern were noted in the Interim Remedial Measures Work Plan, June 7, 1999.

BOLD values indicate laboratory detections.

Laboratory data on this table includes third party validation.

(1) = NYSDEC Standards has taken from Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998.

U = Indicates compound was analyzed for but not detected.

J = Indicates estimated value which is less than the sample quantitation limit but greater than zero.

D = Indentifies all compounds in analysis at a secondary dilution factor.

R =Data unusable (compound may or may not be present).

NS = Not Sampled.

ND = Not Detected.

TABLE 6
SUMMARY OF HISTORICAL WATER QUALITY RESULTS
FORMER FLAGSHIP AIRLINES HANGAR - DUTCHESS COUNTY AIRPORT
ORDER ON CONSENT NO: 3-0837-98-12, NYSDEC SITE NO: 3-14-101

Volatile Organic	NYSDEC	MW-7A								MW-8							
Compounds of Concern	Standard (1)	5/20/99	6/28/00	9/21/00	12/7/00	3/29/01	6/20/01	9/10/01	1/17/02	5/20/99	6/28/00	9/21/00	12/7/00	3/29/01	6/20/01	9/10/01	1/17/02
1,1-Dichloroethane	5	10U	10U	10U	10U	10U	5U	5U	NS	10U	10U	**1J**	**2J**	**2J**	5U	**2J**	10U
1,1,1-Trichloroethane	5	10U	10U	10U	10U	10U	5U	5U	NS	10U	10U	10U	10U	10U	5U	5U	10U
Trichloroethene	5	10U	10U	10U	10U	10U	5U	5U	NS	10U	10U	10U	10U	10U	5U	5U	10U
Tetrachloroethene	5	10U	10U	10U	10U	10U	5U	5U	NS	10U	**3J**	10U	10U	10U	5U	5U	10U
Toluene	5	10U	10U	10U	10U	10U	5U	5U	NS	10U	10U	10U	10U	10U	5U	5U	10U
Semi-Volatile Organic																	
Compound of Concern																	
Naphthalene	10	10U	9U	9U	10U	9U	10U	**1J**	NS	10U	**7J**	9U	9U	10U	10U	10U	10U

Notes:

Compounds of concern were noted in the Interim Remedial Measures Work Plan, June 7, 1999.

BOLD values indicate laboratory detections.

Laboratory data on this table includes third party validation.

(1) = NYSDEC Standards has taken from Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998.

U = Indicates compound was analyzed for but not detected.

J = Indicates estimated value which is less than the sample quantitation limit but greater than zero.

D = Indentifies all compounds in analysis at a secondary dilution factor.

R =Data unusable (compound may or may not be present).

NS = Not Sampled.

ND = Not Detected.

TABLE 6
SUMMARY OF HISTORICAL WATER QUALITY RESULTS
FORMER FLAGSHIP AIRLINES HANGAR - DUTCHESS COUNTY AIRPORT
ORDER ON CONSENT NO: 3-0837-98-12, NYSDEC SITE NO: 3-14-101

Volatile Organic	NYSDEC	MW-9								MW-10							
Compounds of Concern	Standard (1)	5/20/99	6/28/00	9/21/00	12/7/00	3/29/01	6/20/01	9/10/01	1/17/02	5/20/99	6/28/00	9/21/00	12/7/00	3/29/01	6/20/01	9/10/01	1/17/02
1,1-Dichloroethane	5	**530**	**99**	**170J**	**160J**	**20J**	**210**	190	200U	**61**	**39J**	**8J**	**5J**	**10J**	**11**	**27**	**7J**
1,1,1-Trichloroethane	5	150	**24**	**45J**	**25J**	200U	**61**	27	200U	**29**	40U	40U	40U	**5J**	25U	**1J**	**4J**
Trichloroethene	5	10U	**2J**	200U	200U	200U	25U	5U	200U	**13J**	40U	40U	40U	40U	25U	25U	10U
Tetrachloroethene	5	**490**	**56D**	680	**260**	**210**	**340**	**240**	**280**	**250**	40U	**36J**	**52**	**44**	**53**	**97**	**74**
Toluene	5	40U	**9J**	**25J**	200U	200U	**30**	**22**	200U	10U	40U	40U	10U	40U	**3J**	**5**	10U
Semi-Volatile Organic Compound of Concern																	
Naphthalene	10	**1100D**	**710D**	**9600D**	**2200D**	**1000D**	**3300UR**	**1200**	**170**	**19**	**88**	**140**	**410**	52U	**3200J**	**430**	**55**

Notes:

Compounds of concern were noted in the Interim Remedial Measures Work Plan, June 7, 1999.

BOLD values indicate laboratory detections.

Laboratory data on this table includes third party validation.

(1) = NYSDEC Standards has taken from Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998.

U = Indicates compound was analyzed for but not detected.

J = Indicates estimated value which is less than the sample quantitation limit but greater than zero.

D = Indentifies all compounds in analysis at a secondary dilution factor.

R =Data unusable (compound may or may not be present).

NS = Not Sampled.

ND = Not Detected.

NI = Monitoring well not installed as of this date.

TABLE 6
SUMMARY OF HISTORICAL WATER QUALITY RESULTS
FORMER FLAGSHIP AIRLINES HANGAR - DUTCHESS COUNTY AIRPORT
ORDER ON CONSENT NO: 3-0837-98-12, NYSDEC SITE NO: 3-14-101

Volatile Organic	NYSDEC	MW-20								DG-1							
Compounds of Concern	Standard (1)	5/20/99	6/28/00	9/21/00	12/7/00	3/28/01	6/20/01	9/10/01	1/17/02	5/20/99	6/28/00	9/21/00	12/6/00	3/28/01	6/20/01	9/10/01	1/17/02
1,1-Dichloroethane	5	NI	10U	10U	10U	10U	5U	5U	10U	10U	10U	10U	10U	10U	5U	5U	NS
1,1,1-Trichloroethane	5	NI	10U	10U	10U	10U	5U	5U	10U	10U	10U	10U	10U	10U	5U	5U	NS
Trichloroethene	5	NI	10U	10U	10U	10U	5U	5U	10U	10U	10U	10U	10U	10U	5U	5U	NS
Tetrachloroethene	5	NI	10U	10U	10U	10U	5U	5U	10U	10U	10U	10U	10U	10U	5U	5U	NS
Toluene	5	NI	10U	10U	10U	10U	5U	5U	10U	10U	10U	10U	10U	10U	5U	5U	NS
Semi-Volatile Organic Compound of Concern																	
Naphthalene	10	NI	57	9U	10U	9U	10U	10U	10U	10U	9U	9U	9U	9U	10U	10U	NS

Notes:

Compounds of concern were noted in the Interim Remedial Measures Work Plan, June 7, 1999.

BOLD values indicate laboratory detections.

Laboratory data on this table includes third party validation.

(1) = NYSDEC Standards has taken from Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998.

U = Indicates compound was analyzed for but not detected.

J = Indicates estimated value which is less than the sample quantitation limit but greater than zero.

D = Indentifies all compounds in analysis at a secondary dilution factor.

R =Data unusable (compound may or may not be present).

NS = Not Sampled.

ND = Not Detected.

TABLE 6
SUMMARY OF HISTORICAL WATER QUALITY RESULTS
FORMER FLAGSHIP AIRLINES HANGAR - DUTCHESS COUNTY AIRPORT
ORDER ON CONSENT NO: 3-0837-98-12, NYSDEC SITE NO: 3-14-101

Volatile Organic	NYSDEC	Septic Tank/Sanitary Sewer								A-8S							
Compounds of Concern	Standard (1)	5/20/99	6/28/00	9/21/00	12/6/00	3/29/01	6/20/01	9/10/01	1/17/02	5/20/99	6/28/00	9/21/00	12/6/00	3/28/01	6/20/01	9/10/01	1/17/02
1,1-Dichloroethane	5	10U	NS	10UJ	10U	10U	5U	5U	NS	NI	10U	10U	10U	10U	5U	5U	NS
1,1,1-Trichloroethane	5	10U	NS	10UJ	10U	10U	5U	5U	NS	NI	10U	10U	10U	10U	5U	5U	NS
Trichloroethene	5	10U	NS	10UJ	10U	10U	5U	5U	NS	NI	10U	10U	10U	10U	5U	5U	NS
Tetrachloroethene	5	10U	NS	10UJ	10U	10U	5U	5U	NS	NI	10U	10U	10U	10U	5U	5U	NS
Toluene	5	10U	NS	10UJ	10U	10U	5U	5U	NS	NI	10U	10U	10U	10U	5U	5U	NS
Semi-Volatile Organic Compound of Concern																	
Naphthalene	10	10U	NS	9UR	10U	10U	10U	10U	NS	NI	9U	9UJ	9U	9U	10U	10U	NS

Notes:

Compounds of concern were noted in the Interim Remedial Measures Work Plan, June 7, 1999.

BOLD values indicate laboratory detections.

Laboratory data on this table includes third party validation.

(1) = NYSDEC Standards has taken from Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998.

U = Indicates compound was analyzed for but not detected.

J = Indicates estimated value which is less than the sample quantitation limit but greater than zero.

D = Indentifies all compounds in analysis at a secondary dilution factor.

R =Data unusable (compound may or may not be present).

NS = Not Sampled

ND = Not Detected.

TABLE 6
SUMMARY OF HISTORICAL WATER QUALITY RESULTS
FORMER FLAGSHIP AIRLINES HANGAR - DUTCHESS COUNTY AIRPORT
ORDER ON CONSENT NO: 3-0837-98-12, NYSDEC SITE NO: 3-14-101

Volatile Organic	NYSDEC	A-26S								A-27S							
Compounds of Concern	Standard (1)	5/20/99	6/28/00	9/21/00	12/7/00	3/28/01	6/20/01	9/10/01	1/17/02	5/20/99	6/28/00	9/21/00	12/7/00	3/28/01	6/20/01	9/10/01	1/17/02
1,1-Dichloroethane	5	NI	**14**	**16**	**17**	**14**	**17**	**16**	**14**	NI	**2J**	**3J**	**4J**	**4J**	**3J**	5U	**2J**
1,1,1-Trichloroethane	5	NI	10U	10U	10U	10U	5U	5U	10U	NI	10U	10U	10U	10U	5U	5U	10U
Trichloroethene	5	NI	10U	10U	10U	10U	5U	5U	10U	NI	10U	10U	10U	10U	5U	5U	10U
Tetrachloroethene	5	NI	10U	10U	10U	10U	5U	5U	10U	NI	10U	10U	10U	10U	5U	5U	10U
Toluene	5	NI	10U	10U	10U	10U	5U	5U	10U	NI	10U	10U	10U	10U	5U	5U	10U
Semi-Volatile Organic																	
Compound of Concern																	
Naphthalene	10	NI	9U	9UJ	10U	10U	10U	10U	12U	NI	**83D**	**1J**	**18**	**23**	40U	**9J**	**4J**

Notes:

Compounds of concern were noted in the Interim Remedial Measures Work Plan, June 7, 1999.

BOLD values indicate laboratory detections.

Laboratory data on this table includes third party validation.

(1) = NYSDEC Standards has taken from Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998.

U = Indicates compound was analyzed for but not detected.

J = Indicates estimated value which is less than the sample quantitation limit but greater than zero.

D = Indentifies all compounds in analysis at a secondary dilution factor.

R =Data unusable (compound may or may not be present).

NS = Not Sampled.

ND = Not Detected.

TABLE 6
SUMMARY OF HISTORICAL WATER QUALITY RESULTS
FORMER FLAGSHIP AIRLINES HANGAR - DUTCHESS COUNTY AIRPORT
ORDER ON CONSENT NO: 3-0837-98-12, NYSDEC SITE NO: 3-14-101

Volatile Organic	NYSDEC	A-41S								A-42S							
Compounds of Concern	Standard (1)	5/20/99	6/28/00	9/21/00	12/6/00	3/28/01	6/20/01	9/10/01	1/17/02	5/20/99	6/28/00	9/21/00	12/7/00	3/28/01	6/20/01	9/10/01	1/17/02
1,1-Dichloroethane	5	NI	10U	10U	10U	10U	5U	5U	NS	NI	40U	**11**	**16J**	**4J**	**2J**	**11**	**21**
1,1,1-Trichloroethane	5	NI	10U	10U	10U	10U	5U	5U	NS	NI	40U	10U	40U	10U	5U	5U	10U
Trichloroethene	5	NI	10U	10U	10U	10U	5U	5U	NS	NI	40U	10U	10U	10U	5U	5U	10U
Tetrachloroethene	5	NI	10U	10U	10U	10U	5U	5U	NS	NI	40U	10U	40U	10U	5U	5U	10U
Toluene	5	NI	10U	10U	10U	10U	5U	5U	NS	NI	**8J**	**22**	**15J**	**2J**	**4J**	**8**	**10J**
Semi-Volatile Organic Compound of Concern																	
Naphthalene	10	NI	10U	9UJ	10U	9U	10U	10U	NS	NI	**760D**	**1200D**	**1100D**	**550**	**770**	**480**	**1200**

Notes:

Compounds of concern were noted in the Interim Remedial Measures Work Plan, June 7, 1999.

BOLD values indicate laboratory detections.

Laboratory data on this table includes third party validation.

(1) = NYSDEC Standards has taken from Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998.

U = Indicates compound was analyzed for but not detected.

J = Indicates estimated value which is less than the sample quantitation limit but greater than zero.

D = Indentifies all compounds in analysis at a secondary dilution factor.

R =Data unusable (compound may or may not be present).

NS = Not Sampled.

ND = Not Detected.

TABLE 6
SUMMARY OF HISTORICAL WATER QUALITY RESULTS
FORMER FLAGSHIP AIRLINES HANGAR - DUTCHESS COUNTY AIRPORT
ORDER ON CONSENT NO: 3-0837-98-12, NYSDEC SITE NO: 3-14-101

Volatile Organic Compounds of Concern	NYSDEC Standard (1)	A-43S 5/20/99	6/28/00	9/21/00	12/7/00	3/28/01	6/20/01	9/10/01	1/17/02
1,1-Dichloroethane	5	NI	**2J**	**1J**	**1J**	**2J**	5U	**2J**	**3J**
1,1,1-Trichloroethane	5	NI	10U	10U	10U	10U	5U	5U	10U
Trichloroethene	5	NI	10U	10U	10U	10U	5U	5U	10U
Tetrachloroethene	5	NI	10U	10U	10U	10U	5U	5U	10U
Toluene	5	NI	10U	10U	10U	10U	5U	5U	10U
Semi-Volatile Organic Compound of Concern									
Naphthalene	10	NI	9U	9UJ	10U	10U	10U	10U	10U

Notes:

Compounds of concern were noted in the Interim Remedial Measures Work Plan, June 7, 1999.

BOLD values indicate laboratory detections.

Laboratory data on this table includes third party validation.

(1) = NYSDEC Standards has taken from Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998.

U = Indicates compound was analyzed for but not detected.

J = Indicates estimated value which is less than the sample quantitation limit but greater than zero.

D = Indentifies all compounds in analysis at a secondary dilution factor.

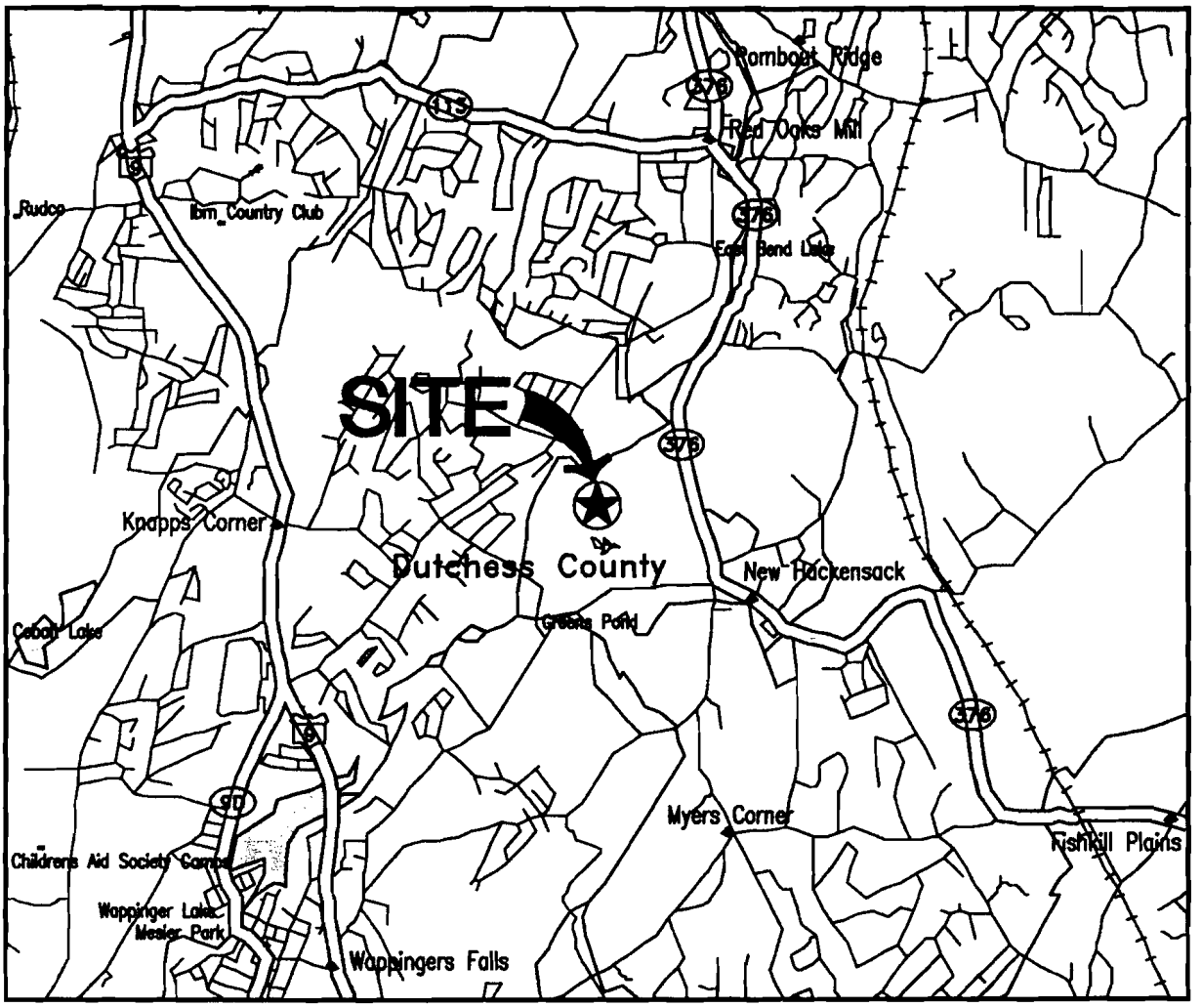
R =Data unusable (compound may or may not be present).

NS = Not Sampled.

ND = Not Detected.

FIGURES

IMAGE	X-REF	OFFICE	DRAWN BY	CHECKED BY	APPROVED BY	DRAWING NUMBER
---	---	ALB	S. SHKOLNIK 11-28-00			820131A1



SCALE 1:62,500

REFERENCE:
MAP FROM DELORME'S MAP EXPERT,
FREEPORT, MAINE.

IT CORPORATION

FLAGSHIP
AIRLINES, INC.
(DBA AMERICAN EAGLE)

FIGURE 1

SITE LOCATION MAP
DUTCHESS COUNTY AIRPORT
WAPPINGER FALLS, NEW YORK

DRAWING NUMBER	11100729D2
APPROVED BY	
CHECKED BY	
DRAWN BY	S. SHKOLNIK 09-28-00
OFFICE	ALBANY, NY
X-REF	---
IMAGE	---

N

TARMAC

FORMER IBM HANGAR FACILITY

FORMER FLAGSHIP HANGAR FACILITY

PARKING (BIT.)

PARKING (BIT.)

PARKING (BIT.)

TREATMENT COMPOUND

AIRPORT COUNTY MAINT. GARAGE

SERVICE ROAD / GRIFFITH ROAD

ME-13
ME-15
ME-17
ME-16
ME-14
ME-12
ME-11
ME-18
ME-19
MW-3
MW-2
MW-6
MW-9
MW-10
MW-7A
MW-5
MW-20
MW-4
MW-8
MW-1
EW-5
EW-7
EW-2
EW-6
EW-4
EW-3
EW-1
SP-7
SP-2
SP-3
SP-6
SP-5
SP-4
ST-1
A-39S
A-8S
A-16S
A-19S
A-27S
A-44S
A-41S
A-20S
A-40S
A-26S
A-42S
A-43S
DG-1
PZ-1
UP

LEGEND:

- SHALLOW WELL
- BEDROCK WELL
- SPARGE WELL
- EXTRACTION WELL
- PROPERTY LINE (APPROXIMATE)

SCALE 0 20 40 60 FEET

REFERENCE:
BASE MAP SOURCE: GERALD L. LYNN LAND SURVEYOR, P.C.

PLOT DATE: 02/27/01
FORMAT REVISION 9/24/99

IT CORPORATION

AMERICAN EAGLE AIRLINES

FIGURE 2
WELL LOCATION MAP
DUTCHESS COUNTY AIRPORT

WAPPINGERS FALLS, NEW YORK

DRAWING NUMBER	820131D26
APPROVED BY	
CHECKED BY	
DRAWN BY	SSH/SL/DMC 03-05-02
OFFICE	ALBANY, NY
X-REF	---
IMAGE	---

PLOT DATE: 08/16/01
FORMAT REVISION 9/24/99

N

TARMAC

FORMER IBM HANGAR FACILITY

FORMER FLAGSHIP HANGAR FACILITY

PARKING (BIT.)

PARKING (BIT.)

PARKING (BIT.)

AIRPORT COUNTY MAINT. GARAGE

TREATMENT COMPOUND

SERVICE ROAD / GRIFFITH ROAD

ME-13 150.40
A-39S 150.64
A-8S 150.97
ME-15 151.73
A-16S 150.35
A-19S 150.51
DG-1 151.31
A-41S 150.71
A-27S 150.89
A-20S 150.48
A-44S 149.69
EW-4
SP-6
A-40S 151.33
MW-3
ME-14 152.15
ME-17
ME-16
EW-5
SP-7
MW-20
ME-19 151.53
A-26S 150.54
EW-6
SP-5
A-42S 151.28
MW-4
MW-8 151.24
UP
A-43S 151.24
PZ-1
MW-2 154.99
EW-7
SP-2
EW-2
ME-11
SP-3
ME-12 150.94
SP-4
EW-3
ME-18 154.41
MW-6 150.51
MW-9 154.89
EW-1
ST-1
MW-7A 152.08
MW-10 154.99
MW-5
MW-1
UP
UP
UP

150.8
151.2
151.6
152.0
150.4
150.0

LEGEND:

- SHALLOW WELL
- BEDROCK WELL
- SPARGE WELL
- EXTRACTION WELL
- PROPERTY LINE (APPROXIMATE)

SCALE
0 20 40 60 FEET

REFERENCE:
BASE MAP SOURCE: GERALD L. LYNN LAND SURVEYOR, P.C.

NOTE:
MW-9 AND MW-10 NOT USED FOR CONTOURING.

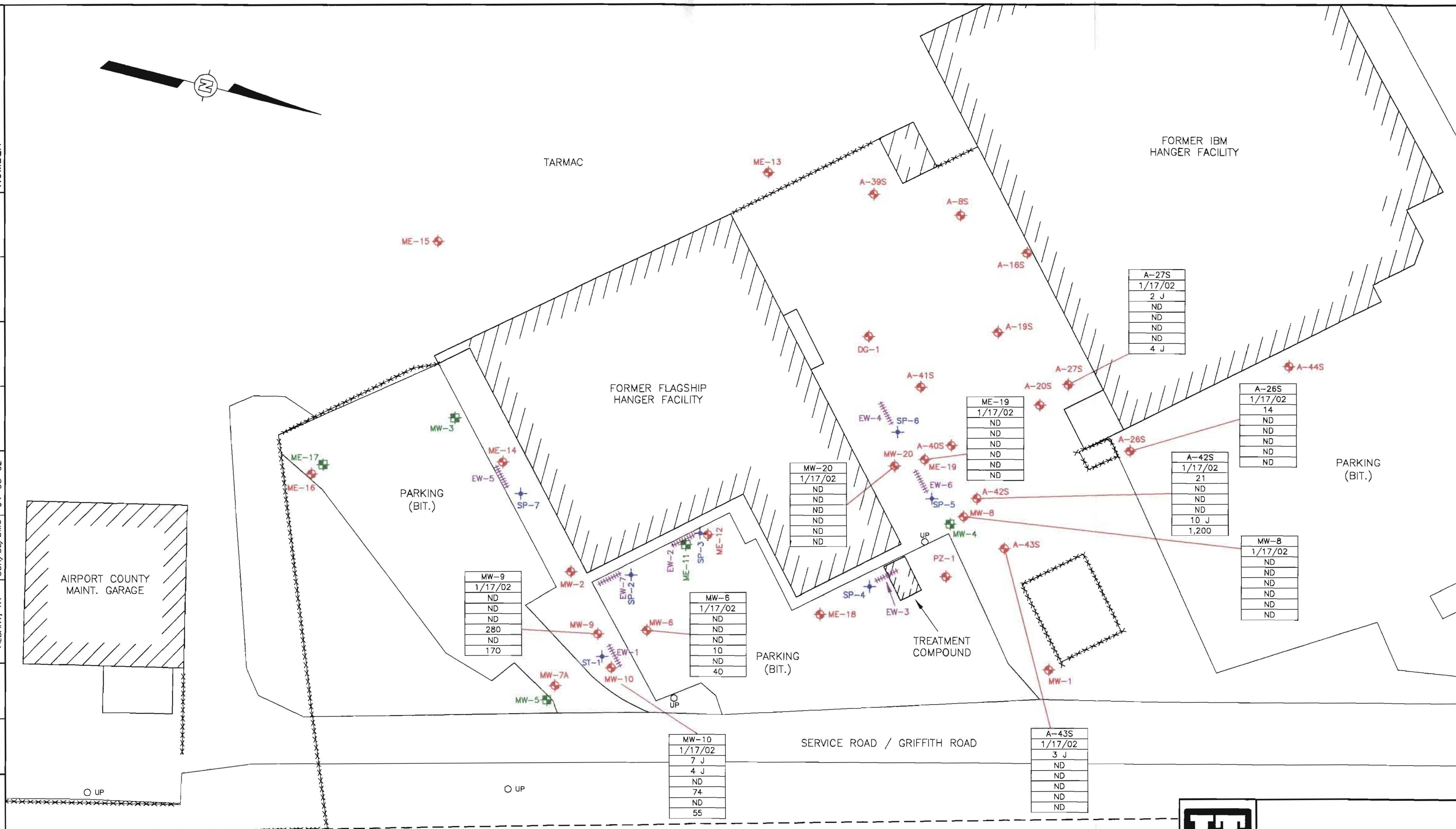
IT CORPORATION

AMERICAN EAGLE AIRLINES

FIGURE 3
GROUNDWATER CONTOUR MAP

JANUARY 17, 2002
WAPPINGERS FALLS, NEW YORK

DRAWING NUMBER 820131D27 | APPROVED BY | CHECKED BY | DRAWN BY SSH/SL/DMC 04-08-02 | OFFICE ALBANY, NY | X-REF --- | IMAGE ---



LEGEND:

- SANITARY SEWER
- SHALLOW WELL
- BEDROCK WELL
- SPARGE WELL
- EXTRACTION WELL
- PROPERTY LINE (APPROXIMATE)

MW-9	WELL ID
1/17/02	DATE
ND	DCA
ND	1,1,1-TCA
ND	TCE
280	PCE
ND	TOLUENE
170	NAPHTHALENE

ND	NOT DETECTED
D	SAMPLE DILUTED
J	ESTIMATED CONCENTRATION
B	ASSOCIATED WITH BLANK
R	RE-EXTRATION, NON-DETECTS REJECTED DUE TO HOLDING TIME EXCEEDENCE

SCALE 0 20 40 60 FEET

REFERENCE:
BASE MAP SOURCE: GERALD L. LYNN LAND SURVEYOR, P.C.

PLOT DATE: 04-23-02
FORMAT REVISION 9/24/99

IT CORPORATION

AMERICAN EAGLE AIRLINES

FIGURE 4
ANALYTICAL SUMMARY MAP

JANUARY 17, 2002
WAPPINGERS FALLS, NEW YORK

DRAWING NUMBER	APPROVED BY	CHECKED BY	DRAWN BY	OFFICE	X-REF	IMAGE
820131D28			S. SHKOLNIK 04-08-02	ALBANY, NY	---	---

N

TARMAC

FORMER IBM HANGAR FACILITY

FORMER FLAGSHIP HANGAR FACILITY

PARKING (BIT.)

PARKING (BIT.)

PARKING (BIT.)

AIRPORT COUNTY MAINT. GARAGE

TREATMENT COMPOUND

SERVICE ROAD / GRIFFITH ROAD

ME-13
ME-15
ME-17
ME-16
ME-14
ME-12
ME-11
ME-18
ME-19
A-39S
A-8S
A-16S
A-19S
A-44S
A-41S
A-27S 4J
A-20S
A-40S
A-26S 10U
A-42S 1,200
A-43S 10U
MW-3
MW-2
MW-9 170
MW-6 40
MW-10 55
MW-7A
MW-5
MW-20 10U
MW-4 UP
MW-8 10U
MW-1
PZ-1
DG-1
EW-4
EW-5
EW-7
EW-2
EW-1
EW-6
EW-3
SP-6
SP-7
SP-2
SP-3
SP-5
SP-4
ST-1
100 ug/l
10 ug/l
1000 ug/l
UP

LEGEND:

- SHALLOW WELL
- BEDROCK WELL
- SPARGE WELL
- EXTRACTION WELL
- PROPERTY LINE (APPROXIMATE)
- NAPHTHALENE ISOCHRON (DASHED WHERE INFERRED)
- U NON-DETECT
- J ESTIMATED CONCENTRATION

SCALE 0 20 40 60 FEET

REFERENCE:

BASE MAP SOURCE: GERALD L. LYNN LAND SURVEYOR, P.C.

PLOT DATE: 04/23/02
FORMAT REVISION 9/24/99

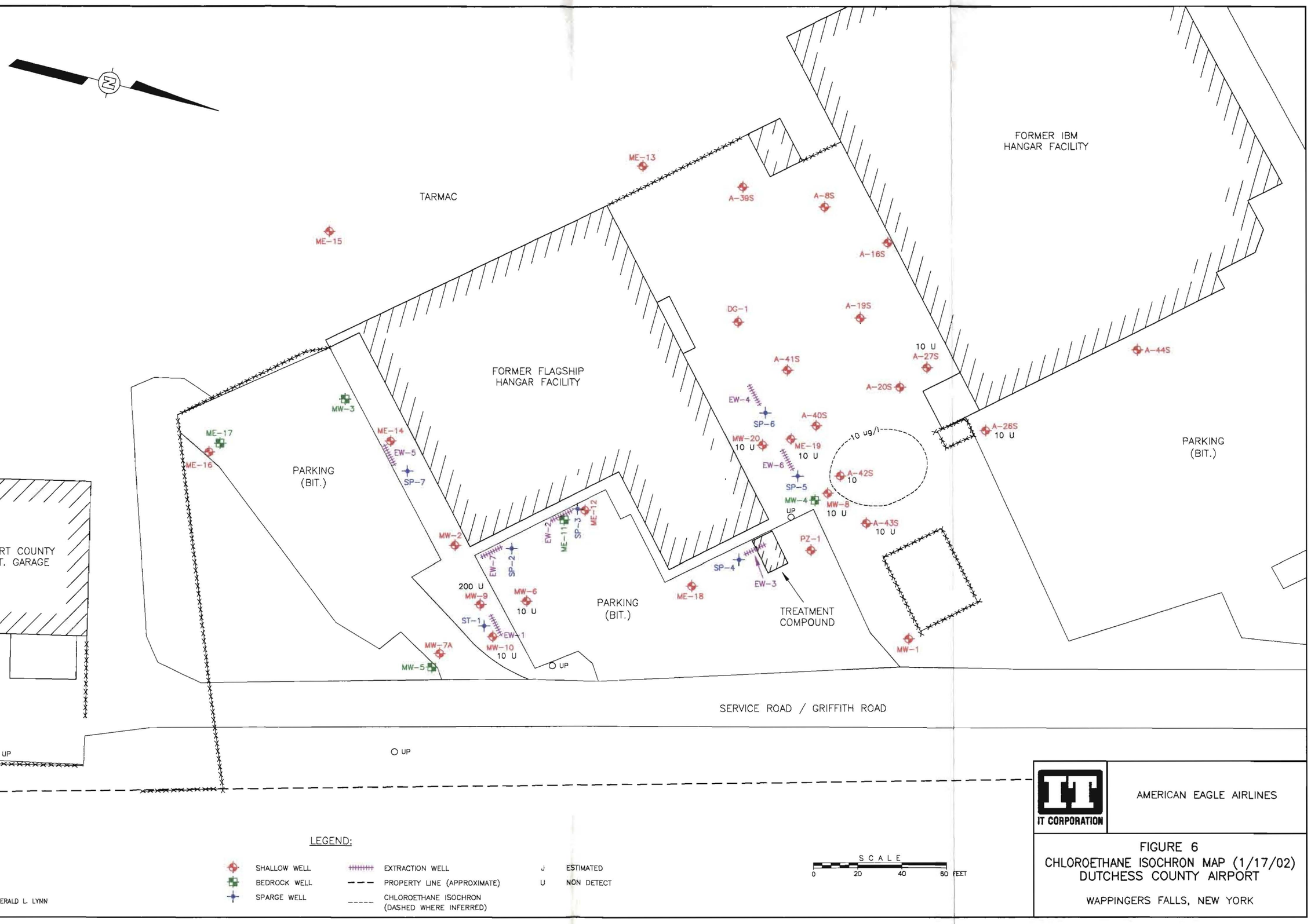
IT CORPORATION

AMERICAN EAGLE AIRLINES

FIGURE 5
NAPHTHALENE ISOCHRON MAP (1/17/02)
DUTCHESS COUNTY AIRPORT

WAPPINGERS FALLS, NEW YORK

IMAGE	X-REF	OFFICE	DRAWN BY	CHECKED BY	APPROVED BY	DRAWING NUMBER
---	---	ALBANY, NY	S. SHKOLNIK 04-08-02			820131D29



LEGEND:

- SHALLOW WELL
- BEDROCK WELL
- SPARGE WELL
- EXTRACTION WELL
- PROPERTY LINE (APPROXIMATE)
- CHLOROETHANE ISOCHRON (DASHED WHERE INFERRED)
- J ESTIMATED
- U NON DETECT

SCALE 0 20 40 80 FEET

REFERENCE:

BASE MAP SOURCE: GERALD L. LYNN LAND SURVEYOR, P.C.

PLOT DATE: 04/08/02
FORMAT REVISION 9/24/99

IT CORPORATION

AMERICAN EAGLE AIRLINES

FIGURE 6
CHLOROETHANE ISOCHRON MAP (1/17/02)
DUTCHESS COUNTY AIRPORT

WAPPINGERS FALLS, NEW YORK

IMAGE	X-REF	OFFICE	DRAWN BY	CHECKED BY	APPROVED BY	DRAWING NUMBER
---	---	ALBANY, NY	S. SHKOLNIK 04-08-02			820131D30

N

TARMAC

FORMER IBM HANGAR FACILITY

FORMER FLAGSHIP HANGAR FACILITY

PARKING (BIT.)

PARKING (BIT.)

PARKING (BIT.)

AIRPORT COUNTY MAINT. GARAGE

TREATMENT COMPOUND

SERVICE ROAD / GRIFFITH ROAD

ME-13
ME-15
ME-17
ME-16
ME-14
EW-5
SP-7
MW-3
MW-2
EW-2
SP-2
ME-11
SP-3
ME-12
MW-9 200U
ST-1
EW-1
MW-10 10U
MW-7A
MW-5
MW-6 10U
ME-18
A-39S
A-8S
A-16S
DG-1
A-19S
10 ug/l
A-27S 15
A-44S
A-41S
EW-4
SP-6
A-40S
MW-20 10U
ME-19 10U
EW-6
SP-5
A-42S 10U
MW-4
MW-8 10U
A-43S 10U
PZ-1
SP-4
EW-3
A-20S
A-26S 10U
MW-1 10U
UP

LEGEND:

- SHALLOW WELL
- BEDROCK WELL
- SPARGE WELL
- EXTRACTION WELL
- PROPERTY LINE (APPROXIMATE)
- 1,2-DICHLOROETHENE ISOCHRON (DASHED WHERE INFERRED)
- U NON-DETECT
- J ESTIMATED CONCENTRATION

SCALE
0 20 40 80 FEET

REFERENCE:
BASE MAP SOURCE: GERALD L. LYNN LAND SURVEYOR, P.C.

PLOT DATE: 04/08/02
FORMAT REVISION 9/24/99

IT CORPORATION

AMERICAN EAGLE AIRLINES

FIGURE 7
1,2-DICHLOROETHENE ISOCHRON MAP (1/17/02)
DUTCHESS COUNTY AIRPORT

WAPPINGERS FALLS, NEW YORK

Figure 8
Dissolved Tetrachloroethene (PCE), MW-9 & MW-10

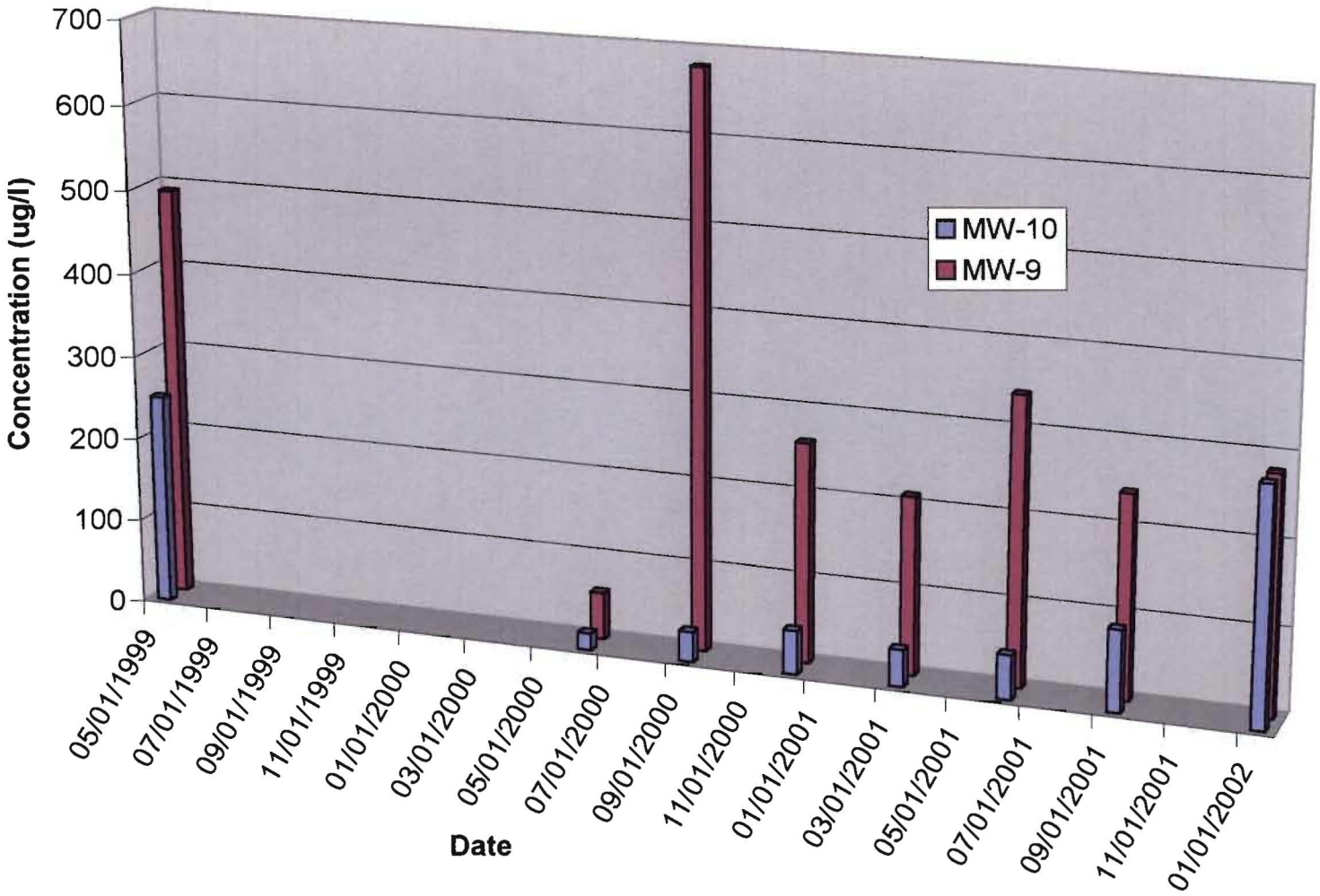


Figure 9
Dissolved 1,1-Dichloroethane Trends, MW-9, MW-10 & A-42S

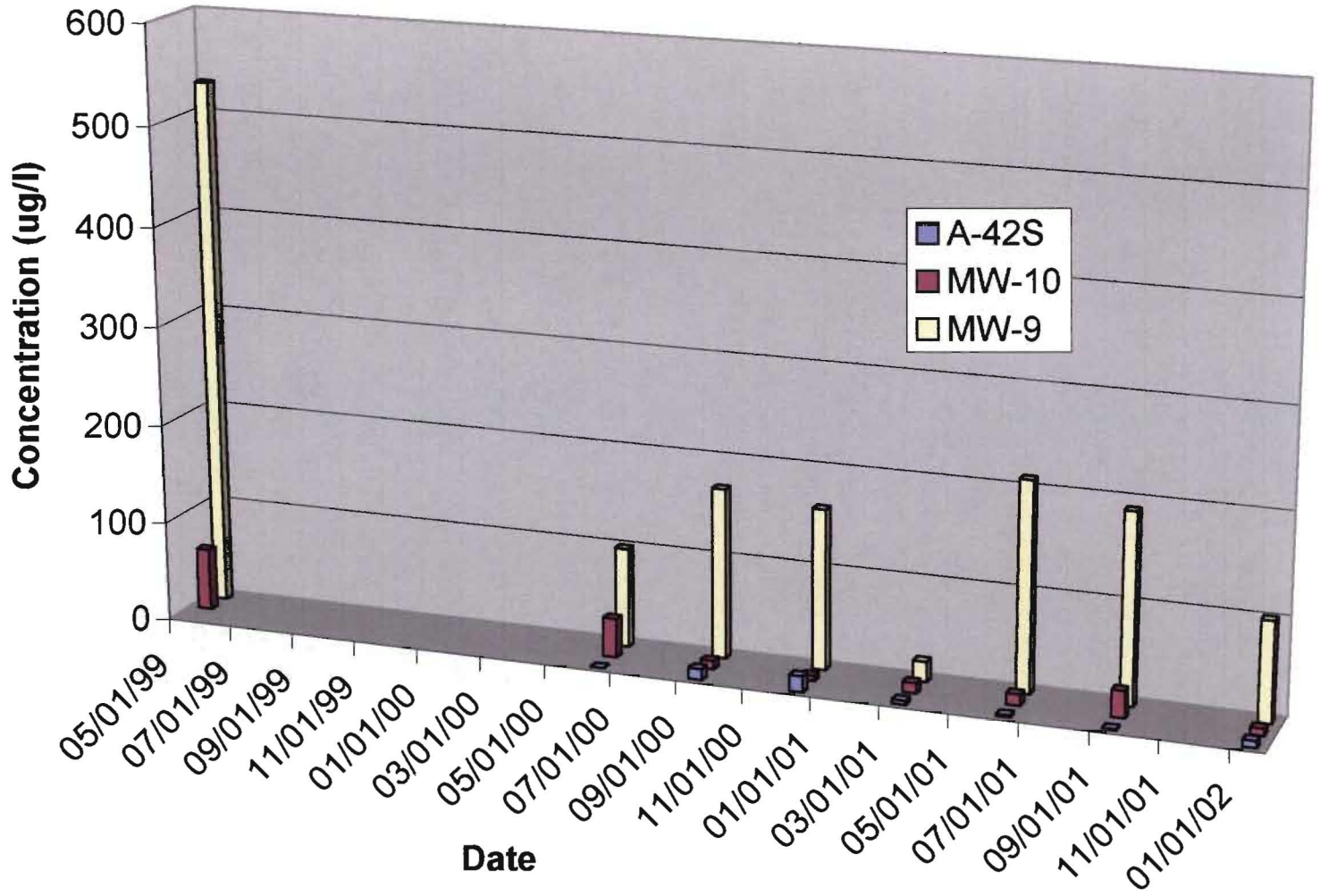
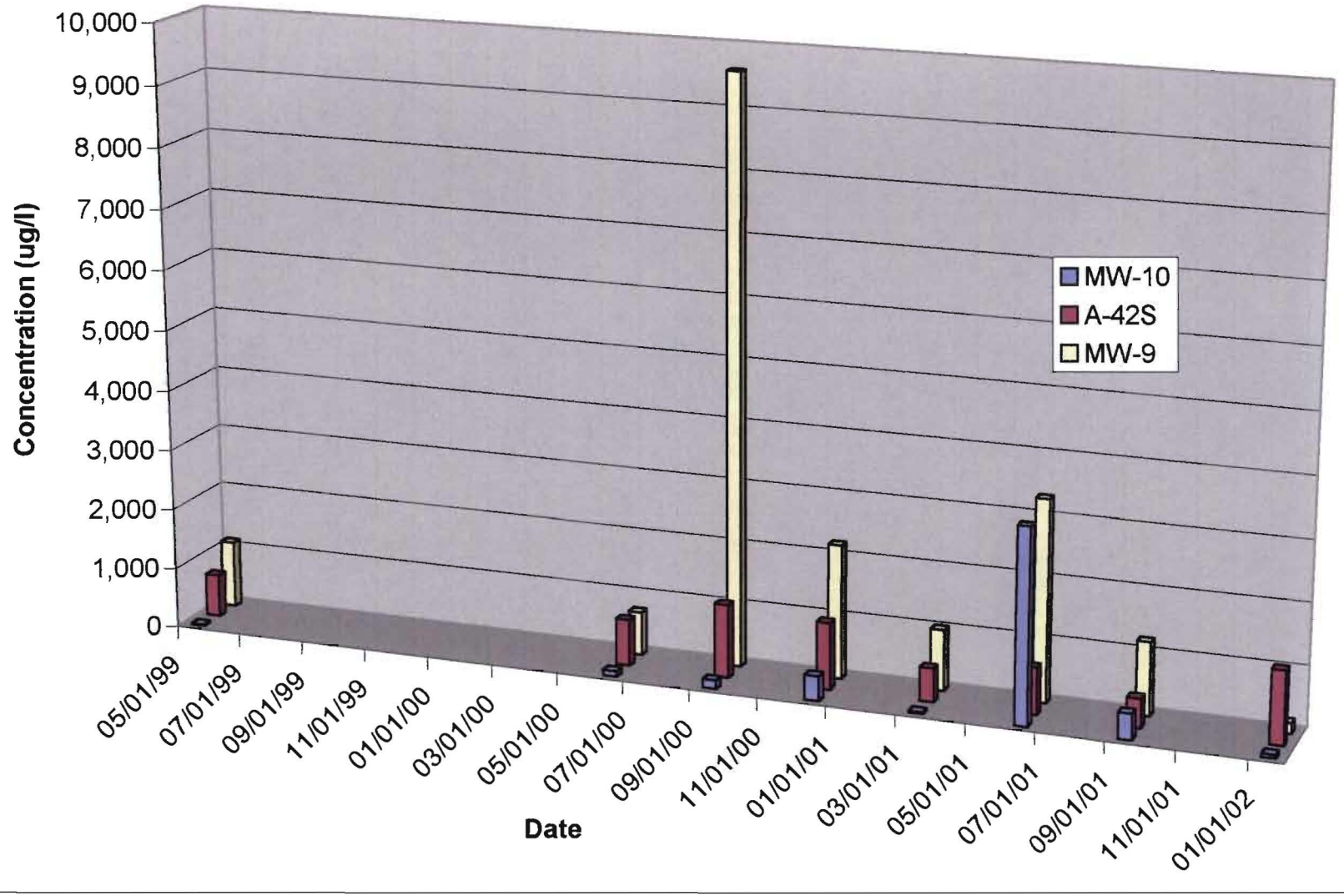


Figure 10
Dissolved Naphthalene Trends, MW-9, MW-10 & A-42S



APPENDIX A

ANALYTICAL RESULTS – SVE SYSTEM

con-test®
ANALYTICAL LABORATORY

39 Spruce Street ° 2nd Floor ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

REPORT DATE 1/29/02

IT CORPORATION
13 BRITISH AMERICAN BOULEVARD
LATHAM, NY 12110
ATTN: BRIAN NEUMANN

CONTRACT NUMBER:
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMS-61178
JOB NUMBER: -

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: DUTCHESS CO AIRPORT

FIELD SAMPLE #	LAB ID	MATRIX	SAMPLE DESCRIPTION	TEST
CT3424	02B01881	AIR	NORTH EFF	air special test
CT3425	02B01879	AIR	SOUTH EFF	air special test

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations :

AIHA 100033	AIHA ELLAP (LEAD) 100033
MASSACHUSETTS MA0100	NEW HAMPSHIRE 2516
CONNECTICUT PH-0567	VERMONT DOH (LEAD) No. LL015036
NEW YORK ELAP 10899	RHODE ISLAND (LIC. No. 112)

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Edward Denson 1/29/02

SIGNATURE DATE

Tod Kopyscinski
Director of Operations

Edward Denson
Technical Director

con-test®
ANALYTICAL LABORATORY

39 Spruce Street • 2nd Floor • East Longmeadow, MA 01028 • FAX 413/525-6405 • TEL 413/525-2332

To whom it may concern,

Contest Analytical Laboratory received four Summa canisters from IT Corp on January 21, 2002 for analysis. Upon checking the canister pressure it was found that two of the samples, South Inf. and North Inf., were at –30 inches of mercury. These canisters were pressurized with nitrogen in order to draw sample for analysis. The resulting dilution factor of 999 indicated that there was no sample in the canister. As a result of this no meaningful data could be collected for these two samples, and no report was submitted to IT Corp. If you have any questions please feel free to call me at 413-525-2332 ext. 14 or email at hmentzen@contestlabs.com

Sincerely,
Hans Mentzen II

Results for Method To-14, APH

Lab ID Number: 02B01879
Client ID Number: South Eff

LIMS Number: 61178
Date Analyzed: 1/28/02
Analyst: HHM

Analyte:	Sample Results PPBv	MDL PPBv
1,1-Dichloroethene	ND	0.5
1,1,1-Trichloroethane	ND	0.5
Trichloroethene	ND	0.5
Toluene	1.5	0.5
Tetrachloroethene	ND	0.5
Naphthalene	ND	0.5

Surrogate Recovery (4-Bromofluorobenzene)	106 %

MDL = Minimum Detectable Limit
ND = Not Detected
PPBv = Parts Per Billion By Volume

Method: TO-14 (Modified), MASS DEP APH for Naphthalene only.

Sampled into a Summa Canister. Analyzed by GCMS.

Results for Method To-14, APH

Lab ID Number: 02B01881
Client ID Number: North Eff

LIMS Number: 61178
Date Analyzed: 1/28/02
Analyst: HHM

Analyte:	Sample Results PPBv	MDL PPBv
1,1-Dichloroethene	ND	0.5
1,1,1-Trichloroethane	ND	0.5
Trichloroethene	ND	0.5
Toluene	ND	0.5
Tetrachloroethene	ND	0.5
Naphthalene	ND	0.5

Surrogate Recovery (4-Bromofluorobenzene) 97 %

MDL = Minimum Detectable Limit
ND = Not Detected
PPBv = Parts Per Billion By Volume

Method: TO-14 (Modified), MASS DEP APH for Naphthalene only.

Sampled into a Summa Canister. Analyzed by GCMS.

con-test® ANALYTICAL LABORATORY

(413) 525-2332
FAX (413) 525-6405

CHAIN OF CUSTODY RECORD

39 SPRUCE ST. • 2ND FLOOR • EAST LONGMEADOW, MA 01028

Client Name: IT Corp
Attn: Brian Neumann
Address: 13 British American BLVD
Latham NY 12110
Site Location: Dutchess Co. Airport
Sampled By: A Perretta

Telephone: 518-783-6088 ext 225
Batch #:
Project #:
Client P.O. #:

Call Results: Yes ___ No ✓
Fax Results: Yes ___ No ✓ Fax#:
Email: Yes ___ No ✓ ___.pdf format ___.xls format
Email Address:

LIMS 61178
Analysis Required

Total # of Containers submitted with this chain:

Field Sample I.D.	Sample Description	Lab #	Date Sampled: Start Date/Time	Date Sampled: Stop Date/Time	Composite	Grab	Matrix: Waste Water	Matrix: Ground Water	Matrix: DKG Water	Matrix: Soil	Matrix: Air	Matrix: *Other	Preservative (Use Code)	Container (Use Code)	Site Specific List									
CT3425	South Eff	02B01879	10:25	12:25							✓				✓									
CT5516	South Inf	01880	10:30	12:30							✓				✓									
CT3424	North Eff	01881 ~~01882~~	1:45	3:45							✓				✓									
CT3423	North Inf	01882 ~~01883~~	1:55	3:55							✓				✓									
															✓									

CONTAINER CODE
P: PLASTIC (____ Size) V = 40 ml vial G = Glass (____ size) A = 1000 ml Amber 0 = Other ____

PRESERVATIVE CODE:
I = ICED N = HNO_3 H = HCl S = NaOH T = $Na_2S_2O_3$ O = OTHER ____

Relinquished by: (Signature)	Date Time	Received by: (Signature)
[signature]	1/17/02	[signature] 1/21/02 1/18/02

Turnaround Requested: ____ 24-Hour ____ 48-Hour X Normal
____ Other ____ Date Required

Remarks/Comments: (Please call if there are any problems)

*MATRIX OTHER

APPENDIX B

VALIDATED ANALYTICAL RESULTS – GROUNDWATER
(JANUARY 17, 2002)

VALIDATA

Chemical Services, Inc.

4070 Balleycastle Lane, Duluth, GA 30097

(770) 232-0130
(770) 232-5082 (Fax)
www.datavalidator.com

4/10/02

IT Corporation
13 British American Blvd.
Latham, NY 12110
Attn: Anthony Peretta

Dear Mr. Peretta:

Please find enclosed data validation report and qualified Form I's for Flagship Project / Dutchess County Airport SDG L82618.

Please call Kevin Harmon or myself at (770) 232-0130 if you have any questions. We are pleased to be of service to IT Corporation.

Sincerely,

Jean M. Delashmit
Quality Control Manager

VALIDATA

Chemical Services, Inc.

4070 Balleycastle Lane, Duluth, GA 30097

(770) 232-0130
(770) 232-5082 (Fax)
www.datavalidator.com

DATA VALIDATION SUMMARY
REPORT

COMPANY:	IT Corporation
SITE NAME:	Flagship Project / Dutchess County Airport, Poughkeepsie, NY
PROJECT NUMBER:	820131 / Flagship
CONTRACTED LAB:	Friend Laboratory, Inc.
FLI JOB NUMBER:	L82618
QA/QC LEVEL:	EPA Level IV
EPA SOW/METHOD:	EPA 1990 SOW
VALIDATION GUIDELINES:	*USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review,* 1994; USEPA Region II, SOP HW-6, Rev. 11
SAMPLE MATRIX:	Water
TYPES OF ANALYSES:	Volatile Organics, Semivolatile Organics
SDG NUMBER:	L82618 (Level IV)
SAMPLING DATES:	January 17, 2002 and January 23, 2002

OVERVIEW

SAMPLES:

Client Sample #	Lab Sample #	Matrix	Volatile Organics	Semi-volatiles
MW-8	82618-1	Water	X	X
ME-19	82618-2	Water	X	X
MW-20	82618-5	Water	X	X
A-42S	82618-6	Water	X	X
A-43S	82618-7	Water	X	X
A-27S	82618-8	Water	X	X
A-26S	82618-9	Water	X	X
MW-6	82618-10	Water	X	X
MW-10	82618-12	Water	X	
	82618-16	Water		X
MW-9	82618-13	Water	X	
	82816-17	Water		X
DUPA	82618-14	Water	X	X
RINSE BLANK #1	82618-11	Water	X	X
RINSE BLANK #2	82618-18	Water		X
HOLDING BLANK	82618-15	Water	X	
ME-19MS	82618-3MS	Water	X	X
ME-19MSD	82618-4MSD	Water	X	X

Note: Samples A-27S and DUPA were field duplicates.

Sample ID Code: DUP = FIELD DUPLICATE

Suffix Codes: MS = MATRIX DUPLICATE, MSD = MATRIX SPIKE DUPLICATE

DATA REVIEWERS: Marvin L. Smith, Jean M. Delashmit

RELEASE SIGNATURE: 

Data Qualifier Definitions

J	-	The associated numerical value is an estimated quantity.
JN	-	The compound/analyte was tentatively identified with estimated concentration.
R	-	The data are unusable (the compound/analyte may or may not be present). Resampling and reanalysis are necessary for verification.
U	-	The compound/analyte was analyzed for, but not detected. The associated numerical value is the sample quantitation limit.
UJ	-	The compound/analyte was analyzed for, but not detected. The sample quantitation limit is an estimated quantity.

DATA QUALIFICATION SUMMARY

Friend Laboratory, Inc. - CLP Organics

SAMPLES: MW-8, ME-19, MW-20, A-42S, A-43S, A-27S, A-26S, MW-6, MW-10, MW-9, DUPA, RINSE BLANK #1, RINSE BLANK #2, HOLDING BLANK

VOLATILE ORGANICS

SUMMARY

I.) General:

The analyses for volatile organics were performed by GC / MS using NYCDEC 95-1.

II.) Overall Assessment of Data:

The collection of samples MW-9 and MW-10 for volatile compound analyses were performed at a later date (1/23/02) because of limited available water amounts on the initial 1/17/02 sampling date.

Several Tentatively Identified Compounds (TICs) were rejected because of suspected laboratory contaminations/artifacts. All other laboratory data were acceptable with qualifications.

MAJOR ISSUES

No major problems were observed in this SDG.

MINOR ISSUES

I.) Holding Times:

All Holding Time criteria were met. No action was taken.

II.) GC / MS Tuning:

All GC / MS Tuning criteria were met. No action was necessary.

III.) Calibration:

Initial Calibration:

The Percent Relative Standard Deviation (%RSD) for acetone was 38.1% in the standards analyzed on 1/17/02 on instrument MSD-D, which exceeded the 30% QC limits. Since acetone was not detected in the SDG samples, no action was required.

Continuing Calibration:

The Percent Differences (%D's) exceeded the 25% QC limit for the standard analyzed on 9/13/01 at 11:07 on instrument H5970D for the following compounds:

chloromethane	28.0%
acetone	87.3%
2-butanone	47.3%
2-hexanone	36.9%

The non-detect results for these four compounds in associated sample MW-9 were qualified as estimated (UJ).

IV.) Blanks:

Method Blanks:

Methylene chloride was detected at 3 ug/L in method blank VBLKD2. All results for this compound were qualified using the rinse blank. No further action was taken.

Methylene chloride and chloromethane were detected at 6 ug/L and 3 ug/L, respectively, in method blank VBLKD3. All results for these two compounds were qualified using the rinse blank. No further action was necessary.

Rinse Blank:

Methylene chloride was detected at 6 ug/L in rinse blank RINSE #1. All detections of methylene chloride in the SDG samples (except sample MW-9), which were less than 10X the blank amount, were qualified as undetected (U), with results below the CRQL being raised to the CRQL.

Holding Blank:

Methylene chloride was detected at 3 ug/L in HOLDING BLANK. All results for this compound were previously qualified using the rinse blank. No further action was taken.

Tentatively Identified Compounds (TIC):

Hexane was detected at 8 ug/L to 9 ug/L in the rinse, holding and method blanks. All detections of hexane in the SDG samples' TIC analyses, which were less than 10X the blank amounts, were qualified as unusable (R). Several aromatic and unknown aromatic derivative were identified in samples A-42S, A-27S, MW-6, MW-9, MW-10 and DUPA. These derivatives and unknowns in the samples were also qualified as unusable (R).

V.) Surrogate Recoveries:

The Percent Recovery of 4-bromofluorobenzene was 85% in sample DUPA, which was below the 86-115% QC limits. All positive and non-detect results for this sample were qualified as estimated (J) and (UJ).

VI.) Laboratory Control Samples (LCS):

Three LCS samples were analyzed with this fraction of the SDG. All LCS Recovery criteria were met. No action was taken.

VII.) Matrix Spike / Matrix Spike Duplicate (MS / MSD):

All MS / MSD criteria were met. No action was necessary.

VIII.) Field Duplicates:

One set of field duplicate samples (XXXXX / DUPA) was analyzed in this SDG. The only calculable Relative Percent Difference (RPD) was:

Compound	A-27S	DUPA	RPD
cis-1,2-dichloroethene	10 ug/L	12 ug/L	18.2%

The RPD was within the 50% QC limit for water samples. No action was necessary.

IX.) Internal Standards Performance (ISTD):

All ISTD criteria were met. No action was required.

X.) TCL Compound Identification:

All TCL Compound Identification criteria were met. No action was necessary.

XI.) Compound Quantitation and Reported Contract Required Quantitation Limits (CRQL):

All Compound Quantitation and CRQL criteria were met. No action was taken.

XII.) System Performance:

All System Performance criteria were met. No action was taken.

SEMIVOLATILE ORGANICS

SUMMARY

I.) General:

The analyses for semivolatile organics were performed by GC / MS according to NYCDEC 95-2.

II.) Overall Assessment of Data:

All results for samples AS-42S, MW-9 and MW-10, including dilutions and reanalyses, were determined and included on one single Report Form at the discretion of Friend Laboratory, Inc. Applied data

qualifications pertain only to the results listed on the individual report form. All laboratory data were acceptable with qualifications.

MAJOR ISSUES

No major problems were observed in this fraction of the SDG.

MINOR ISSUES

I.) Holding Times:

All Holding Time criteria were met. No action was taken.

II.) GC / MS Tuning:

All GC / MS Tuning criteria were met. No action was necessary.

III.) Calibration:

Initial Calibration:

All Initial Calibration criteria were met. No action was required.

Continuing Calibration:

The Percent Difference (%D) for 2-methylnaphthalate was 31.8% for the standard analyzed on 1/24/02 at 10:29 on instrument MSD-B, which exceeded the 25% QC limit. All results for this compound in the associated samples, which consisted entirely of non-detects, were qualified as estimated (UJ). The associated samlples were MW-6, A-26S, A-27S, A-43S and DUPA.

The Percent Differences (%D's) exceeded the 25% QC limit for the standard analyzed on 1/25/02 at 09:26 on instrument MSD-B for the following compounds:

4-chloroaniline	49.9%
di-n-octylphthalate	25.8%

The non-detect results for these two compounds in associated sample A-42S were qualified as estimated (UJ).

The Percent Difference (%D) for 2-methylnaphthalate was 32.6% for the standard analyzed on 1/30/02 at 10:29 on instrument MSD-B, which exceeded the 25% QC limit. The result for this compound in associated sample MW-9 was qualified as estimated (UJ).

IV.) Blanks:

Method Blanks:

There were no detections in the method blanks. No action was necessary.

Rinsate Blanks:

Bis(2-ethylhexyl)phthalate was detected at 1 ug/L in RINSE BLANK #2. All detections of this compound in the SDG samples, less than 10X the blank amount, were qualified as undetected (U) with results below the CRQL being raised to the CRQL.

Tentatively Identified Compounds (TIC

Hexadecanoic acid was detected at 3 ug/L to 5 ug/L in the method blanks. All detections of hexadecanoic acid in the SDG samples' TIC analyses, which were less than 10X the blank amounts, were qualified as unusable (R).

Several benzene isomers and aromatic derivatives were observed in the SDG samples. In addition, unknowns were observed in the rinse blanks. All aromatic isomers, aromatic derivatives and unknowns in the SDG samples were qualified as unusable (R).

V.) Surrogate Recoveries:

The Surrogate Percent Recoveries (%R's) of terphenyl-d14 in samples ME-6 (18%) and 2-fluorobiphenyl in sample MW-10 (28%) were below their respective 33-141% and 43-116% QC limits. Since only one surrogate was outside the QC limits in the base-neutral fraction in each sample, with %R's greater than 10%, no action was required.

VI.) Laboratory Control Samples (LCS):

Two LCS samples were analyzed in this fraction of the SDG. All LCS Recovery criteria were met. No data qualifiers were applied.

VII.) Matrix Spike / Matrix Spike Duplicate (MS / MSD):

The Percent Recoveries (%R's) were 89% and 87%, respectively, for 4-nitrophenol in spiked samples ME-19MS and ME-19MSD, which exceeded the 10-80% QC limits. Data validation action based on MS / MSD criteria alone was not required. No data qualifiers were applied.

VIII.) Field Duplicates:

One set of field duplicate samples (A-27S / DUPA) was analyzed in this SDG. Relative Percent Differences (RPD's) were not calculable. No action was necessary.

IX.) Internal Standards Performance (ISTD):

The Internal Standards Percent Recoveries (%R's) were outside the 50-200% QC limits for the following samples:

Sample	Internal Standard	%R
MW-9	chrysene-d12	41
	perylene-d12	28

Sample	Internal Standard	%R
MW-10	acenaphthene-d10	217
	perylene-d12	29

All positive and non-detect results for compounds in sample MW-9 quantitated using the chrysene and perylene ISTDs were qualified as estimated (J) and (UJ). All positive and non-detect results for compounds in sample MW-10 quantitated using the perylene ISTD, were qualified as estimated (J) and (UJ), and all positive results quantitated using the acenaphthene ISTD were qualified as estimated (J).

X.) TCL Compound Identification:

All TCL Compound Identification criteria were met. No action was required.

XI.) Compound Quantitation and Reported Contract Required Quantitation Limits (CRQL):

All Compound Quantitation and CRQL criteria were met. No action was taken. Also, please refer to the Summary Section for additional information involving samples A-42S, MW-9 and MW-10.

XII.) System Performance:

All System Performance criteria were met. No action was taken.

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date: 07-FEB-2002

Lab Sample ID: L82618-1

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: MW-8
Description: GRAB
Sampled On: 17-JAN-02 10:45 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
ASP 95-1						
Chloromethane	U	ug/l	10	22-JAN-02 13:15	ASP 95-1	01-193-1712
Bromomethane	U	ug/l	10	22-JAN-02 13:15	ASP 95-1	01-193-1712
Vinyl chloride	U	ug/l	10	22-JAN-02 13:15	ASP 95-1	01-193-1712
Chloroethane	U	ug/l	10	22-JAN-02 13:15	ASP 95-1	01-193-1712
Methylene chloride	10 J 38 U	ug/l	10	22-JAN-02 13:15	ASP 95-1	01-193-1712
Acetone	U	ug/l	10	22-JAN-02 13:15	ASP 95-1	01-193-1712
Carbon disulfide	U	ug/l	10	22-JAN-02 13:15	ASP 95-1	01-193-1712
1,1-Dichloroethene	U	ug/l	10	22-JAN-02 13:15	ASP 95-1	01-193-1712
trans-1,2-Dichloroethene	U	ug/l	10	22-JAN-02 13:15	ASP 95-1	01-193-1712
1,1-Dichloroethane	U	ug/l	10	22-JAN-02 13:15	ASP 95-1	01-193-1712
cis-1,2-Dichloroethene	U	ug/l	10	22-JAN-02 13:15	ASP 95-1	01-193-1712
MEK(2-Butanone)	U	ug/l	10	22-JAN-02 13:15	ASP 95-1	01-193-1712
Chloroform	U	ug/l	10	22-JAN-02 13:15	ASP 95-1	01-193-1712
1,1,1-Trichloroethane	U	ug/l	10	22-JAN-02 13:15	ASP 95-1	01-193-1712
Carbon tetrachloride	U	ug/l	10	22-JAN-02 13:15	ASP 95-1	01-193-1712
Benzene	U	ug/l	10	22-JAN-02 13:15	ASP 95-1	01-193-1712
1,2-Dichloroethane	U	ug/l	10	22-JAN-02 13:15	ASP 95-1	01-193-1712
Trichloroethene	U	ug/l	10	22-JAN-02 13:15	ASP 95-1	01-193-1712
1,2-Dichloropropane	U	ug/l	10	22-JAN-02 13:15	ASP 95-1	01-193-1712
Bromodichloromethane	U	ug/l	10	22-JAN-02 13:15	ASP 95-1	01-193-1712
cis-1,3-Dichloropropene	U	ug/l	10	22-JAN-02 13:15	ASP 95-1	01-193-1712
MIBK(4-Methyl-2-pentanone)	U	ug/l	10	22-JAN-02 13:15	ASP 95-1	01-193-1712
Toluene	U	ug/l	10	22-JAN-02 13:15	ASP 95-1	01-193-1712
trans-1,3-Dichloropropene	U	ug/l	10	22-JAN-02 13:15	ASP 95-1	01-193-1712
1,1,2-Trichloroethane	U	ug/l	10	22-JAN-02 13:15	ASP 95-1	01-193-1712
Tetrachloroethene	U	ug/l	10	22-JAN-02 13:15	ASP 95-1	01-193-1712
2-Hexanone	U	ug/l	10	22-JAN-02 13:15	ASP 95-1	01-193-1712
Dibromochloromethane	U	ug/l	10	22-JAN-02 13:15	ASP 95-1	01-193-1712
Chlorobenzene	U	ug/l	10	22-JAN-02 13:15	ASP 95-1	01-193-1712
Ethylbenzene	U	ug/l	10	22-JAN-02 13:15	ASP 95-1	01-193-1712
p-Xylene/m-Xylene	U	ug/l	10	22-JAN-02 13:15	ASP 95-1	01-193-1712
o-Xylene	U	ug/l	10	22-JAN-02 13:15	ASP 95-1	01-193-1712
Styrene	U	ug/l	10	22-JAN-02 13:15	ASP 95-1	01-193-1712
Bromoform	U	ug/l	10	22-JAN-02 13:15	ASP 95-1	01-193-1712
1,1,2,2-Tetrachloroethane	U	ug/l	10	22-JAN-02 13:15	ASP 95-1	01-193-1712

MS
3-27-02

Report Comment: No trip blank received with samples.

QC QAL NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John D Kent
Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

The information in this report is accurate to the best of our knowledge and ability. In no event shall our liability exceed the cost of these services
Your samples will be discarded after 14 days unless we are advised otherwise.

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date: 07-FEB-2002

Lab Sample ID: L82618-1

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Sample Source: FLAGSHIP, 820131-02000000
Origin: MW-8
Description: GRAB
Sampled On: 17-JAN-02 10:45 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Library Search Compounds:	Result	Units	Qual	Rention Time		
Library Search Compounds:	Result	Units	Qual	Rention Time		
Hexane	12	ug/l	N, JB R	8.74		
Surrogate Recovery:						
1,2-Dichloroethane-d4	95	%				01-193-1712
Toluene-d8	98	%				01-193-1712
4-Bromofluorobenzene	99	%				01-193-1712
ASP 95-2						
Bis(2-chloroethylether)	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
Phenol	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
2-Chlorophenol	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
1,3-Dichlorobenzene	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
1,4-Dichlorobenzene	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
1,2-Dichlorobenzene	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
Bis(2-chloroisopropylether)	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
2-Methylphenol	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
Hexachloroethane	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
N-Nitrosodi-N-propylamine	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
4-Methylphenol	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
Nitrobenzene	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
Isophorone	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
2-Nitrophenol	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
2,4-Dimethylphenol	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
Bis(2-chloroethoxymethane)	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
2,4-Dichlorophenol	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
1,2,4-Trichlorobenzene	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
Naphthalene	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
4-Chloroaniline	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
Hexachlorobutadiene	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
4-Chloro-3-methylphenol	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
2-Methylnaphthalene	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
Hexachlorocyclopentadiene	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
2,4,6-Trichlorophenol	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
2,4,5-Trichlorophenol	U	ug/l	25	22-JAN-02 13:49	ASP 95-2	01-165-3709
2-Chloronaphthalene	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
2-Nitroaniline	U	ug/l	25	22-JAN-02 13:49	ASP 95-2	01-165-3709
Dimethyl phthalate	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
Acenaphthylene	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709

MS 3-27-02

Report Comment: No trip blank received with samples.

QC pak NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

KEY: ND or U = None Detected; < = less than; ug/L = micrograms per liter (equivalent to parts per billion); mg/L = milligrams per liter (equivalent to parts per million); mg/kg = milligrams per kilogram (equivalent to parts per million); B = analyte was detected in the method or trip blank; J = result estimated below the quantitation limit

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"Our family, caring about your analytical needs Since 1963."

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date: 07-FEB-2002

Lab Sample ID: L82618-1

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: MW-8
Description: GRAB
Sampled On: 17-JAN-02 10:45 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
2,6-Dinitrotoluene	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
3-Nitroaniline	U	ug/l	25	22-JAN-02 13:49	ASP 95-2	01-165-3709
Acenaphthene	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
2,4-Dinitrophenol	U	ug/l	25	22-JAN-02 13:49	ASP 95-2	01-165-3709
Dibenzofuran	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
2,4-Dinitrotoluene	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
4-Nitrophenol	U	ug/l	25	22-JAN-02 13:49	ASP 95-2	01-165-3709
Diethyl phthalate	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
Fluorene	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
4-Chlorophenylphenylether	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
4-Nitroaniline	U	ug/l	25	22-JAN-02 13:49	ASP 95-2	01-165-3709
2-Methyl-4,6-dinitrophenol	U	ug/l	25	22-JAN-02 13:49	ASP 95-2	01-165-3709
N-Nitrosodiphenylamine	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
4-Bromophenylphenylether	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
Hexachlorobenzene	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
Pentachlorophenol	U	ug/l	25	22-JAN-02 13:49	ASP 95-2	01-165-3709
Phenanthrene	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
Anthracene	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
Carbazole	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
Di-n-butyl phthalate	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
Fluoranthene	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
Pyrene	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
Butylbenzyl phthalate	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
Benzo(a)anthracene	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
3,3-Dichlorobenzidine	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
Chrysene	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
Bis-2-ethylhexyl phthalate	10 J XB U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
Di-n-octyl phthalate	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
Benzo(b)fluoranthene	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
Benzo(k)fluoranthene	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
Benzo(a)pyrene	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
Indeno(1,2,3-cd)pyrene	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
Dibenzo(a,h)anthracene	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
Benzo(g,h,i)perylene	U	ug/l	10	22-JAN-02 13:49	ASP 95-2	01-165-3709
Extraction Information:				21-JAN-02 00:00		01-133-60

MS
3-27-02

Report Comment: No trip blank received with samples.

QC eak NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: [signature]
Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
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FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date: 07-FEB-2002

Lab Sample ID: L82618-1

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: MW-8
Description: GRAB
Sampled On: 17-JAN-02 10:45 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Library Search Compounds:	Result	Units	Qual	Rention Time		
Library Search Compounds:	Result	Units	Qual	Rention Time		
Unknown	27	ug/l	~~JB~~ R	10.94		
Hexadecanoic Acid	6	ug/l	~~NJB~~ R	25.96		
Oleic Acid	5	ug/l	NJ	28.13		
Unknown	5	ug/l	~~JB~~ R	35.11		
Library Search Comment: Four library search compounds detected.						
Surrogate Recovery:						
2-Fluorophenol	73	%				01-165-3709
Phenol-d5	68	%				01-165-3709
2-Chlorophenol-d4	86	%				01-165-3709
1,2-Dichlorobenzene-d4	73	%				01-165-3709
Nitrobenzene-d5	77	%				01-165-3709
2-Fluorobiphenyl	80	%				01-165-3709
2,4,6-Tribromophenol	61	%				01-165-3709
Terphenyl-d14	60	%				01-165-3709

3-27-02

Report Comment: No trip blank received with samples.

QC ~~NY~~ R NY 10252 NJ 73168 PA 68180 EPA NY00033

Approved by: _____
Lab Director

KEY:
ND or U = None Detected
< = less than
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FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date: 08-FEB-2002

Lab Sample ID: L82618-2

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: ME-19
Description: GRAB
Sampled On: 17-JAN-02 11:30 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
ASP 95-1						
Chloromethane	U	ug/l	10	22-JAN-02 13:48	ASP 95-1	01-193-1713
Bromomethane	U	ug/l	10	22-JAN-02 13:48	ASP 95-1	01-193-1713
Vinyl chloride	U	ug/l	10	22-JAN-02 13:48	ASP 95-1	01-193-1713
Chloroethane	U	ug/l	10	22-JAN-02 13:48	ASP 95-1	01-193-1713
Methylene chloride	10 B U	ug/l	10	22-JAN-02 13:48	ASP 95-1	01-193-1713
Acetone	U	ug/l	10	22-JAN-02 13:48	ASP 95-1	01-193-1713
Carbon disulfide	U	ug/l	10	22-JAN-02 13:48	ASP 95-1	01-193-1713
1,1-Dichloroethene	U	ug/l	10	22-JAN-02 13:48	ASP 95-1	01-193-1713
trans-1,2-Dichloroethene	U	ug/l	10	22-JAN-02 13:48	ASP 95-1	01-193-1713
1,1-Dichloroethane	U	ug/l	10	22-JAN-02 13:48	ASP 95-1	01-193-1713
cis-1,2-Dichloroethene	U	ug/l	10	22-JAN-02 13:48	ASP 95-1	01-193-1713
MEK(2-Butanone)	U	ug/l	10	22-JAN-02 13:48	ASP 95-1	01-193-1713
Chloroform	U	ug/l	10	22-JAN-02 13:48	ASP 95-1	01-193-1713
1,1,1-Trichloroethane	U	ug/l	10	22-JAN-02 13:48	ASP 95-1	01-193-1713
Carbon tetrachloride	U	ug/l	10	22-JAN-02 13:48	ASP 95-1	01-193-1713
Benzene	U	ug/l	10	22-JAN-02 13:48	ASP 95-1	01-193-1713
1,2-Dichloroethane	U	ug/l	10	22-JAN-02 13:48	ASP 95-1	01-193-1713
Trichloroethene	U	ug/l	10	22-JAN-02 13:48	ASP 95-1	01-193-1713
1,2-Dichloropropane	U	ug/l	10	22-JAN-02 13:48	ASP 95-1	01-193-1713
Bromodichloromethane	U	ug/l	10	22-JAN-02 13:48	ASP 95-1	01-193-1713
cis-1,3-Dichloropropene	U	ug/l	10	22-JAN-02 13:48	ASP 95-1	01-193-1713
MIBK(4-Methyl-2-pentanone)	U	ug/l	10	22-JAN-02 13:48	ASP 95-1	01-193-1713
Toluene	U	ug/l	10	22-JAN-02 13:48	ASP 95-1	01-193-1713
trans-1,3-Dichloropropene	U	ug/l	10	22-JAN-02 13:48	ASP 95-1	01-193-1713
1,1,2-Trichloroethane	U	ug/l	10	22-JAN-02 13:48	ASP 95-1	01-193-1713
Tetrachloroethene	U	ug/l	10	22-JAN-02 13:48	ASP 95-1	01-193-1713
2-Hexanone	U	ug/l	10	22-JAN-02 13:48	ASP 95-1	01-193-1713
Dibromochloromethane	U	ug/l	10	22-JAN-02 13:48	ASP 95-1	01-193-1713
Chlorobenzene	U	ug/l	10	22-JAN-02 13:48	ASP 95-1	01-193-1713
Ethylbenzene	U	ug/l	10	22-JAN-02 13:48	ASP 95-1	01-193-1713
p-Xylene/m-Xylene	U	ug/l	10	22-JAN-02 13:48	ASP 95-1	01-193-1713
o-Xylene	U	ug/l	10	22-JAN-02 13:48	ASP 95-1	01-193-1713
Styrene	U	ug/l	10	22-JAN-02 13:48	ASP 95-1	01-193-1713
Bromoform	U	ug/l	10	22-JAN-02 13:48	ASP 95-1	01-193-1713
1,1,2,2-Tetrachloroethane	U	ug/l	10	22-JAN-02 13:48	ASP 95-1	01-193-1713

MS
3-27-02

QC cal NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
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FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date: 08-FEB-2002

Lab Sample ID: L82618-2

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: ME-19
Description: GRAB
Sampled On: 17-JAN-02 11:30 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Referer
Library Search Compounds:	Result	Units	Qual	Rention Time		
Library Search Compounds:	Result	Units	Qual	Rention Time		
Hexane	10	ug/l	X, J8 R	8.75		
Surrogate Recovery:						
1,2-Dichloroethane-d4	94	%				01-193
Toluene-d8	97	%				01-193
4-Bromofluorobenzene	100	%				01-193
ASP 95-2					JMS 3-27-02	
Bis(2-chloroethylether)	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165
Phenol	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165
2-Chlorophenol	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165
1,3-Dichlorobenzene	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165
1,4-Dichlorobenzene	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165
1,2-Dichlorobenzene	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165
Bis(2-chloroisopropylether)	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165
2-Methylphenol	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165
Hexachloroethane	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165
N-Nitrosodi-N-propylamine	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165
4-Methylphenol	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165
Nitrobenzene	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165
Isophorone	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165
2-Nitrophenol	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165
2,4-Dimethylphenol	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165
Bis(2-chloroethoxymethane)	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165
2,4-Dichlorophenol	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165
1,2,4-Trichlorobenzene	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165
Naphthalene	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165
4-Chloroaniline	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165
Hexachlorobutadiene	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165
4-Chloro-3-methylphenol	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165
2-Methylnaphthalene	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165
Hexachlorocyclopentadiene	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165
2,4,6-Trichlorophenol	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165
2,4,5-Trichlorophenol	U	ug/l	25	22-JAN-02 14:42	ASP 95-2	01-165
2-Chloronaphthalene	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165
2-Nitroaniline	U	ug/l	25	22-JAN-02 14:42	ASP 95-2	01-165
Dimethyl phthalate	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165
Acenaphthylene	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165
2,6-Dinitrotoluene	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165

QC cak NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John Kent
Lab Director

KEY:
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FLI
FRIEND LABORATORY INC

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:08-FEB-2002

Lab Sample ID: L82618-2

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: ME-19
Description: GRAB
Sampled On: 17-JAN-02 11:30 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
3-Nitroaniline	U	ug/l	25	22-JAN-02 14:42	ASP 95-2	01-165-3710
Acenaphthene	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165-3710
2,4-Dinitrophenol	U	ug/l	25	22-JAN-02 14:42	ASP 95-2	01-165-3710
Dibenzofuran	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165-3710
2,4-Dinitrotoluene	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165-3710
4-Nitrophenol	U	ug/l	25	22-JAN-02 14:42	ASP 95-2	01-165-3710
Diethyl phthalate	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165-3710
Fluorene	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165-3710
4-Chlorophenylphenylether	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165-3710
4-Nitroaniline	U	ug/l	25	22-JAN-02 14:42	ASP 95-2	01-165-3710
2-Methyl-4,6-dinitrophenol	U	ug/l	25	22-JAN-02 14:42	ASP 95-2	01-165-3710
N-Nitrosodiphenylamine	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165-3710
4-Bromophenylphenylether	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165-3710
Hexachlorobenzene	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165-3710
Pentachlorophenol	U	ug/l	25	22-JAN-02 14:42	ASP 95-2	01-165-3710
Phenanthrene	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165-3710
Anthracene	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165-3710
Carbazole	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165-3710
Di-n-butyl phthalate	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165-3710
Fluoranthene	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165-3710
Pyrene	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165-3710
Butylbenzyl phthalate	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165-3710
Benzo(a)anthracene	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165-3710
3,3-Dichlorobenzidine	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165-3710
Chrysene	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165-3710
Bis-2-ethylhexyl phthalate	10 ~~3~~ ~~1.8~~ U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165-3710
Di-n-octyl phthalate	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165-3710
Benzo(b)fluoranthene	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165-3710
Benzo(k)fluoranthene	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165-3710
Benzo(a)pyrene	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165-3710
Indeno(1,2,3-cd)pyrene	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165-3710
Dibenzo(a,h)anthracene	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165-3710
Benzo(g,h,i)perylene	U	ug/l	10	22-JAN-02 14:42	ASP 95-2	01-165-3710
Extraction Information:				21-JAN-02 00:00		01-133-60

md
3-27-02

QC eah NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John O'Kent
Lab Director

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	B	= analyte was detected in the method or trip blank		J = result estimated below the quantitation limit

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FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:08-FEB-2002

Lab Sample ID: L82618-2

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: ME-19
Description: GRAB
Sampled On: 17-JAN-02 11:30 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Library Search Compounds:	Result	Units	Qual	Rention Time		
Library Search Compounds:	Result	Units	Qual	Rention Time		
Unknown	4	ug/l	J	13.31		
Unknown	4	ug/l	J	13.98		
N,N-bis(2-hydroxyethyl) Dodecanamide	4	ug/l	NJ	20.39		
Unknown	2	ug/l	J	22.64		
Tetradecanoic Acid	9	ug/l	NJ	23.31		
Unknown Hydrocarbon	5	ug/l	J	25.7		
Hexadecanoic Acid	15	ug/l	~~NJB~~ R	26		
Oleic Acid	29	ug/l	NJ	28.18		
Octadecanoic Acid	9	ug/l	NJ	28.42		
Unknown	6	ug/l	~~JB~~ R	35.11		
Library Search Comment:10 library search compounds detected.						
Surrogate Recovery:						
2-Fluorophenol	64	%				01-165-3710
Phenol-d5	61	%				01-165-3710
2-Chlorophenol-d4	77	%				01-165-3710
1,2-Dichlorobenzene-d4	64	%				01-165-3710
Nitrobenzene-d5	71	%				01-165-3710
2-Fluorobiphenyl	76	%				01-165-3710
2,4,6-Tribromophenol	68	%				01-165-3710
Terphenyl-d14	71	%				01-165-3710

JMS
3-27-02

QC car NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John Kent
Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
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FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date: 07-FEB-2002

Lab Sample ID: L82618-5

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: MW-20
Description: GRAB
Sampled On: 17-JAN-02 12:10 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
ASP 95-1						
Chloromethane	U	ug/l	10	22-JAN-02 15:28	ASP 95-1	01-193-1716
Bromomethane	U	ug/l	10	22-JAN-02 15:28	ASP 95-1	01-193-1716
Vinyl chloride	U	ug/l	10	22-JAN-02 15:28	ASP 95-1	01-193-1716
Chloroethane	U	ug/l	10	22-JAN-02 15:28	ASP 95-1	01-193-1716
Methylene chloride	10 2 JB U	ug/l	10	22-JAN-02 15:28	ASP 95-1	01-193-1716
Acetone	U	ug/l	10	22-JAN-02 15:28	ASP 95-1	01-193-1716
Carbon disulfide	U	ug/l	10	22-JAN-02 15:28	ASP 95-1	01-193-1716
1,1-Dichloroethene	U	ug/l	10	22-JAN-02 15:28	ASP 95-1	01-193-1716
trans-1,2-Dichloroethene	U	ug/l	10	22-JAN-02 15:28	ASP 95-1	01-193-1716
1,1-Dichloroethane	U	ug/l	10	22-JAN-02 15:28	ASP 95-1	01-193-1716
cis-1,2-Dichloroethene	U	ug/l	10	22-JAN-02 15:28	ASP 95-1	01-193-1716
MEK(2-Butanone)	U	ug/l	10	22-JAN-02 15:28	ASP 95-1	01-193-1716
Chloroform	U	ug/l	10	22-JAN-02 15:28	ASP 95-1	01-193-1716
1,1,1-Trichloroethane	U	ug/l	10	22-JAN-02 15:28	ASP 95-1	01-193-1716
Carbon tetrachloride	U	ug/l	10	22-JAN-02 15:28	ASP 95-1	01-193-1716
Benzene	U	ug/l	10	22-JAN-02 15:28	ASP 95-1	01-193-1716
1,2-Dichloroethane	U	ug/l	10	22-JAN-02 15:28	ASP 95-1	01-193-1716
Trichloroethene	U	ug/l	10	22-JAN-02 15:28	ASP 95-1	01-193-1716
1,2-Dichloropropane	U	ug/l	10	22-JAN-02 15:28	ASP 95-1	01-193-1716
Bromodichloromethane	U	ug/l	10	22-JAN-02 15:28	ASP 95-1	01-193-1716
cis-1,3-Dichloropropene	U	ug/l	10	22-JAN-02 15:28	ASP 95-1	01-193-1716
MIBK(4-Methyl-2-pentanone)	U	ug/l	10	22-JAN-02 15:28	ASP 95-1	01-193-1716
Toluene	U	ug/l	10	22-JAN-02 15:28	ASP 95-1	01-193-1716
trans-1,3-Dichloropropene	U	ug/l	10	22-JAN-02 15:28	ASP 95-1	01-193-1716
1,1,2-Trichloroethane	U	ug/l	10	22-JAN-02 15:28	ASP 95-1	01-193-1716
Tetrachloroethene	U	ug/l	10	22-JAN-02 15:28	ASP 95-1	01-193-1716
2-Hexanone	U	ug/l	10	22-JAN-02 15:28	ASP 95-1	01-193-1716
Dibromochloromethane	U	ug/l	10	22-JAN-02 15:28	ASP 95-1	01-193-1716
Chlorobenzene	U	ug/l	10	22-JAN-02 15:28	ASP 95-1	01-193-1716
Ethylbenzene	U	ug/l	10	22-JAN-02 15:28	ASP 95-1	01-193-1716
p-Xylene/m-Xylene	U	ug/l	10	22-JAN-02 15:28	ASP 95-1	01-193-1716
o-Xylene	U	ug/l	10	22-JAN-02 15:28	ASP 95-1	01-193-1716
Styrene	U	ug/l	10	22-JAN-02 15:28	ASP 95-1	01-193-1716
Bromoform	U	ug/l	10	22-JAN-02 15:28	ASP 95-1	01-193-1716
1,1,2,2-Tetrachloroethane	U	ug/l	10	22-JAN-02 15:28	ASP 95-1	01-193-1716

MS
3-27-02

QC ok NY 10252 NJ 73168 PA 68180 EPA NY 00033 Approved by: John A Kent
Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
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FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date: 07-FEB-2002

Lab Sample ID: L82618-5

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: MW-20
Description: GRAB
Sampled On: 17-JAN-02 12:10 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Library Search Compounds:	Result	Units	Qual	Rention Time		
Library Search Compounds:	Result	Units	Qual	Rention Time		
Hexane	8	ug/l	NJ, JB R	8.72		
Surrogate Recovery:						
1,2-Dichloroethane-d4	94	%				01-193-1716
Toluene-d8	98	%				01-193-1716
4-Bromofluorobenzene	100	%				01-193-1716
ASP 95-2						
Bis(2-chloroethylether)	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
Phenol	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
2-Chlorophenol	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
1,3-Dichlorobenzene	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
1,4-Dichlorobenzene	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
1,2-Dichlorobenzene	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
Bis(2-chloroisopropylether)	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
2-Methylphenol	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
Hexachloroethane	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
N-Nitrosodi-N-propylamine	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
4-Methylphenol	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
Nitrobenzene	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
Isophorone	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
2-Nitrophenol	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
2,4-Dimethylphenol	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
Bis(2-chloroethoxymethane)	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
2,4-Dichlorophenol	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
1,2,4-Trichlorobenzene	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
Naphthalene	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
4-Chloroaniline	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
Hexachlorobutadiene	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
4-Chloro-3-methylphenol	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
2-Methylnaphthalene	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
Hexachlorocyclopentadiene	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
2,4,6-Trichlorophenol	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
2,4,5-Trichlorophenol	U	ug/l	25	23-JAN-02 12:24	ASP 95-2	01-165-3718
2-Chloronaphthalene	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
2-Nitroaniline	U	ug/l	25	23-JAN-02 12:24	ASP 95-2	01-165-3718
Dimethyl phthalate	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
Acenaphthylene	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
2,6-Dinitrotoluene	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718

MS 3-27-02

QC cal NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

KEY: ND or U = None Detected; < = less than; ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million); mg/kg = milligrams per kilogram (equivalent to parts per million)
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FRIEND LABORATORY
I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date: 07-FEB-2002

Lab Sample ID: L82618-5

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: MW-20
Description: GRAB
Sampled On: 17-JAN-02 12:10 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
3-Nitroaniline	U	ug/l	25	23-JAN-02 12:24	ASP 95-2	01-165-3718
Acenaphthene	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
2,4-Dinitrophenol	U	ug/l	25	23-JAN-02 12:24	ASP 95-2	01-165-3718
Dibenzofuran	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
2,4-Dinitrotoluene	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
4-Nitrophenol	U	ug/l	25	23-JAN-02 12:24	ASP 95-2	01-165-3718
Diethyl phthalate	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
Fluorene	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
4-Chlorophenylphenylether	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
4-Nitroaniline	U	ug/l	25	23-JAN-02 12:24	ASP 95-2	01-165-3718
2-Methyl-4,6-dinitrophenol	U	ug/l	25	23-JAN-02 12:24	ASP 95-2	01-165-3718
N-Nitrosodiphenylamine	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
4-Bromophenylphenylether	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
Hexachlorobenzene	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
Pentachlorophenol	U	ug/l	25	23-JAN-02 12:24	ASP 95-2	01-165-3718
Phenanthrene	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
Anthracene	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
Carbazole	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
Di-n-butyl phthalate	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
Fluoranthene	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
Pyrene	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
Butylbenzyl phthalate	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
Benzo(a)anthracene	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
3,3-Dichlorobenzidine	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
Chrysene	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
Bis-2-ethylhexyl phthalate	14 U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
Di-n-octyl phthalate	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
Benzo(b)fluoranthene	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
Benzo(k)fluoranthene	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
Benzo(a)pyrene	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
Indeno(1,2,3-cd)pyrene	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
Dibenzo(a,h)anthracene	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
Benzo(g,h,i)perylene	U	ug/l	10	23-JAN-02 12:24	ASP 95-2	01-165-3718
Extraction Information:				22-JAN-02 00:00		01-133-61

JNS
3-27-02

QC dak NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John A. Kent
Lab Director

KEY: ND or U = None Detected; < = less than; ug/L = micrograms per liter (equivalent to parts per billion); mg/L = milligrams per liter (equivalent to parts per million); mg/kg = milligrams per kilogram (equivalent to parts per million); B = analyte was detected in the method or trip blank; J = result estimated below the quantitation limit

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FRIEND LABORATORY INC

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:07-FEB-2002

Lab Sample ID: L82618-5

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: MW-20
Description: GRAB
Sampled On: 17-JAN-02 12:10 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Library Search Compounds:	Result	Units	Qual	Rention Time		
Library Search Compounds:	Result	Units	Qual	Rention Time		
Unknown	5	ug/l	J	11.08		
Unknown	6	ug/l	J	13.44		
Unknown Alcohol	4	ug/l	J	14.15		
Hexadecanoic Acid	6	ug/l	~~NJB~~ R	26.15		
Octadecanoic Acid	4	ug/l	NJ	28.6		
Unknown	4	ug/l	~~JB~~ R	35.33		

Library Search Comment:Six library search compounds detected.

Surrogate Recovery:	Result	Units	Notebook Reference
2-Fluorophenol	66	%	01-165-3718
Phenol-d5	70	%	01-165-3718
2-Chlorophenol-d4	81	%	01-165-3718
1,2-Dichlorobenzene-d4	72	%	01-165-3718
Nitrobenzene-d5	74	%	01-165-3718
2-Fluorobiphenyl	79	%	01-165-3718
2,4,6-Tribromophenol	65	%	01-165-3718
Terphenyl-d14	72	%	01-165-3718

ms
3.27.02

QC cak NY 10252 NJ 73168 PA 68180 EPA NY00033 Page 4

Approved by: [signature]
Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million
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FLI
FRIEND LABORATORY INC

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:07-FEB-2002

Lab Sample ID: L82618-6

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: A-42S
Description: GRAB
Sampled On: 17-JAN-02 14:35 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
ASP 95-1						
Chloromethane	U	ug/l	10	22-JAN-02 16:02	ASP 95-1	01-193-1717
Bromomethane	U	ug/l	10	22-JAN-02 16:02	ASP 95-1	01-193-1717
Vinyl chloride	130	ug/l	10	22-JAN-02 16:02	ASP 95-1	01-193-1717
Chloroethane	57	ug/l	10	22-JAN-02 16:02	ASP 95-1	01-193-1717
Methylene chloride	10 ~~3~~ ~~JB~~ U	ug/l	10	22-JAN-02 16:02	ASP 95-1	01-193-1717
Acetone	U	ug/l	10	22-JAN-02 16:02	ASP 95-1	01-193-1717
Carbon disulfide	U	ug/l	10	22-JAN-02 16:02	ASP 95-1	01-193-1717
1,1-Dichloroethene	U	ug/l	10	22-JAN-02 16:02	ASP 95-1	01-193-1717
trans-1,2-Dichloroethene	U	ug/l	10	22-JAN-02 16:02	ASP 95-1	01-193-1717
1,1-Dichloroethane	21	ug/l	10	22-JAN-02 16:02	ASP 95-1	01-193-1717
cis-1,2-Dichloroethene	26	ug/l	10	22-JAN-02 16:02	ASP 95-1	01-193-1717
MEK(2-Butanone)	U	ug/l	10	22-JAN-02 16:02	ASP 95-1	01-193-1717
Chloroform	U	ug/l	10	22-JAN-02 16:02	ASP 95-1	01-193-1717
1,1,1-Trichloroethane	U	ug/l	10	22-JAN-02 16:02	ASP 95-1	01-193-1717
Carbon tetrachloride	U	ug/l	10	22-JAN-02 16:02	ASP 95-1	01-193-1717
Benzene	U	ug/l	10	22-JAN-02 16:02	ASP 95-1	01-193-1717
1,2-Dichloroethane	U	ug/l	10	22-JAN-02 16:02	ASP 95-1	01-193-1717
Trichloroethene	U	ug/l	10	22-JAN-02 16:02	ASP 95-1	01-193-1717
1,2-Dichloropropane	U	ug/l	10	22-JAN-02 16:02	ASP 95-1	01-193-1717
Bromodichloromethane	U	ug/l	10	22-JAN-02 16:02	ASP 95-1	01-193-1717
cis-1,3-Dichloropropene	U	ug/l	10	22-JAN-02 16:02	ASP 95-1	01-193-1717
MIBK(4-Methyl-2-pentanone)	U	ug/l	10	22-JAN-02 16:02	ASP 95-1	01-193-1717
Toluene	10 J	ug/l	10	22-JAN-02 16:02	ASP 95-1	01-193-1717
trans-1,3-Dichloropropene	U	ug/l	10	22-JAN-02 16:02	ASP 95-1	01-193-1717
1,1,2-Trichloroethane	U	ug/l	10	22-JAN-02 16:02	ASP 95-1	01-193-1717
Tetrachloroethene	U	ug/l	10	22-JAN-02 16:02	ASP 95-1	01-193-1717
2-Hexanone	U	ug/l	10	22-JAN-02 16:02	ASP 95-1	01-193-1717
Dibromochloromethane	U	ug/l	10	22-JAN-02 16:02	ASP 95-1	01-193-1717
Chlorobenzene	U	ug/l	10	22-JAN-02 16:02	ASP 95-1	01-193-1717
Ethylbenzene	3 J	ug/l	10	22-JAN-02 16:02	ASP 95-1	01-193-1717
p-Xylene/m-Xylene	11	ug/l	10	22-JAN-02 16:02	ASP 95-1	01-193-1717
o-Xylene	11	ug/l	10	22-JAN-02 16:02	ASP 95-1	01-193-1717
Styrene	U	ug/l	10	22-JAN-02 16:02	ASP 95-1	01-193-1717
Bromoform	U	ug/l	10	22-JAN-02 16:02	ASP 95-1	01-193-1717
1,1,2,2-Tetrachloroethane	U	ug/l	10	22-JAN-02 16:02	ASP 95-1	01-193-1717

ms
3-27-02

QC lak NY 10252 NJ 73168 PA 68180 EPA NY 00033 Approved by: [signature] Lab Director

KEY:	ND or U	= None Detected	< = less than	ug/L = micrograms per liter (equivalent to parts per billion)
	mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg = milligrams per kilogram (equivalent to parts per million
	B	= analyte was detected in the method or trip blank		J = result estimated below the quantitation limit

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"Our family, caring about your analytical needs Since 1963."

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FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:07-FEB-2002

Lab Sample ID: L82618-6

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: A-42S
Description: GRAB
Sampled On: 17-JAN-02 14:35 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Library Search Compounds:	Result	Units	Qual	Rention Time		
Library Search Compounds:	Result	Units	Qual	Rention Time		
1,2,3-Trimethylbenze	140	ug/l	J, d R	21.74		
Unknown	350	ug/l	J, d	22.31		
1-propenylbenzene	520	ug/l	J, d	22.57		
1-ethyl 2,3-dimethylbenzene	650	ug/l	J, d	22.63		
1,2-diethylbenzene	46	ug/l	J, d	22.79		
1-methyl 2-propylbenzene	190	ug/l	J, d	22.88		
1-methyl 4(1-methylethyl) benzene	820	ug/l	J, d	23.01		
1-methyl 2(1-methylethyl) benzene	1100	ug/l	J, d	23.11		
Unknown	210	ug/l	J	23.27		
Unknown	290	ug/l	J	23.47		
1,2,4,5 - Tetramethylbenzene	590	ug/l	J	23.58		
1,2,3,5 - Tetramethylbenzene	1200	ug/l	J	23.65		
Surrogate Recovery:						
1,2-Dichloroethane-d4	92	%				01-193-1717
Toluene-d8	100	%				01-193-1717
4-Bromofluorobenzene	98	%				01-193-1717
ASP 95-2						
Bis(2-chloroethylether)	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
Phenol	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
2-Chlorophenol	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
1,3-Dichlorobenzene	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
1,4-Dichlorobenzene	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
1,2-Dichlorobenzene	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
Bis(2-chloroisopropylether)	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
2-Methylphenol	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
Hexachloroethane	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
N-Nitrosodi-N-propylamine	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
4-Methylphenol	60 J	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
Nitrobenzene	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
Isophorone	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
2-Nitrophenol	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
2,4-Dimethylphenol	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
Bis(2-chloroethoxymethane)	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
2,4-Dichlorophenol	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
1,2,4-Trichlorobenzene	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
Naphthalene	1200	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
4-Chloroaniline	U J	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737

3-27-02

QC pak NY 10252 NJ 73168 PA 68180 EPA NY 00033

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ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date: 07-FEB-2002

Lab Sample ID: L82618-6

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: A-42S
Description: GRAB
Sampled On: 17-JAN-02 14:35 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Hexachlorobutadiene	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
4-Chloro-3-methylphenol	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
2-Methylnaphthalene	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
Hexachlorocyclopentadiene	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
2,4,6-Trichlorophenol	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
2,4,5-Trichlorophenol	U	ug/l	500	25-JAN-02 11:11	ASP 95-2	01-165-3737
2-Chloronaphthalene	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
2-Nitroaniline	U	ug/l	500	25-JAN-02 11:11	ASP 95-2	01-165-3737
Dimethyl phthalate	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
Acenaphthylene	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
2,6-Dinitrotoluene	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
3-Nitroaniline	U	ug/l	500	25-JAN-02 11:11	ASP 95-2	01-165-3737
Acenaphthene	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
2,4-Dinitrophenol	U	ug/l	500	25-JAN-02 11:11	ASP 95-2	01-165-3737
Dibenzofuran	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
2,4-Dinitrotoluene	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
4-Nitrophenol	U	ug/l	500	25-JAN-02 11:11	ASP 95-2	01-165-3737
Diethyl phthalate	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
Fluorene	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
4-Chlorophenylphenylether	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
4-Nitroaniline	U	ug/l	500	25-JAN-02 11:11	ASP 95-2	01-165-3737
2-Methyl-4,6-dinitrophenol	U	ug/l	500	25-JAN-02 11:11	ASP 95-2	01-165-3737
N-Nitrosodiphenylamine	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
4-Bromophenylphenylether	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
Hexachlorobenzene	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
Pentachlorophenol	U	ug/l	500	25-JAN-02 11:11	ASP 95-2	01-165-3737
Phenanthrene	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
Anthracene	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
Carbazole	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
Di-n-butyl phthalate	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
Fluoranthene	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
Pyrene	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
Butylbenzyl phthalate	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
Benzo(a)anthracene	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
3,3-Dichlorobenzidine	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
Chrysene	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
Bis-2-ethylhexyl phthalate	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
Di-n-octyl phthalate	U J	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
Benzo(b)fluoranthene	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
Benzo(k)fluoranthene	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
Benzo(a)pyrene	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
Indeno(1,2,3-cd)pyrene	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
Dibenzo(a,h)anthracene	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737

QC cal NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John A Kent
Lab Director

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ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:07-FEB-2002

Lab Sample ID: L82618-6

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: A-42S
Description: GRAB
Sampled On: 17-JAN-02 14:35 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Benzo(g,h,i)perylene	U	ug/l	200	25-JAN-02 11:11	ASP 95-2	01-165-3737
Extraction Information:				22-JAN-02 00:00		01-133-61

Library Search Compounds:	Result	Units	Qual	Rention Time
3,7,7-trimethylBicyclo[4.1.0]heptane	210	ug/l	~~NJ~~ R	8.9
1,2,3-trimethylbenzene	97	ug/l	~~NJ~~ R	9.16
Unknown	230	ug/l	J	9.89
1-methyl-4-(1-methylethylidene)Cyclohexan	150	ug/l	~~NJ~~ R	10.06
Indane	170	ug/l	~~NJ~~	10.23
1,2-diethylBenzene	120	ug/l	~~NJ~~	10.6
1-methyl-3-propylBenzene	95	ug/l	~~NJ~~	10.67
diethylBenzene	150	ug/l	~~NJ~~	10.78
1-methyl-2-(1-methylethyl)benzene	260	ug/l	~~NJ~~	10.83
1-methyl-2-propylbenzene	110	ug/l	~~NJ~~	11.01
4-ethyl-1,2-dimethylBenzene	280	ug/l	~~NJ~~	11.27
Unknown	280	ug/l	J	11.33
1-ethyl-2,3-dimethylBenzene	150	ug/l	~~NJ~~ R	11.92
1,2,4,5-tetramethylBenzene	370	ug/l	~~NJ~~ R	12.19
Unknown	510	ug/l	J	12.28
2,3-Dihydro-1-methylindene	200	ug/l	~~NJ~~ R	12.7
Unknown	340	ug/l	J	12.9
1,2,3,4-tetramethylBenzene	240	ug/l	~~NJ~~ R	12.96
Unknown	100	ug/l	J	18.41
Unknown	96	ug/l	J	18.55
Unknown	43	ug/l	J	20.28
Unknown	88	ug/l	J	21.71

Library Search Comment:22 library search compounds detected.

DNS 3-27-02

Surrogate Recovery:			
2-Fluorophenol	67	%	01-165-3737
Phenol-d5	70	%	01-165-3737
2-Chlorophenol-d4	88	%	01-165-3737
1,2-Dichlorobenzene-d4	68	%	01-165-3737
Nitrobenzene-d5	64	%	01-165-3737
2-Fluorobiphenyl	64	%	01-165-3737
2,4,6-Tribromophenol	78	%	01-165-3737
Terphenyl-d14	62	%	01-165-3737

QC dal NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John M. Kent
Lab Director

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ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:07-FEB-2002

Lab Sample ID: L82618-7

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: A-43S
Description: GRAB
Sampled On: 17-JAN-02 14:45 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
ASP 95-1						
Chloromethane	U	ug/l	10	28-JAN-02 14:37	ASP 95-1	01-193-1779
Bromomethane	U	ug/l	10	28-JAN-02 14:37	ASP 95-1	01-193-1779
Vinyl chloride	U	ug/l	10	28-JAN-02 14:37	ASP 95-1	01-193-1779
Chloroethane	U	ug/l	10	28-JAN-02 14:37	ASP 95-1	01-193-1779
Methylene chloride	10 B U	ug/l	10	28-JAN-02 14:37	ASP 95-1	01-193-1779
Acetone	U	ug/l	10	28-JAN-02 14:37	ASP 95-1	01-193-1779
Carbon disulfide	U	ug/l	10	28-JAN-02 14:37	ASP 95-1	01-193-1779
1,1-Dichloroethene	U	ug/l	10	28-JAN-02 14:37	ASP 95-1	01-193-1779
trans-1,2-Dichloroethene	U	ug/l	10	28-JAN-02 14:37	ASP 95-1	01-193-1779
1,1-Dichloroethane	3 J	ug/l	10	28-JAN-02 14:37	ASP 95-1	01-193-1779
cis-1,2-Dichloroethene	U	ug/l	10	28-JAN-02 14:37	ASP 95-1	01-193-1779
MEK(2-Butanone)	U	ug/l	10	28-JAN-02 14:37	ASP 95-1	01-193-1779
Chloroform	U	ug/l	10	28-JAN-02 14:37	ASP 95-1	01-193-1779
1,1,1-Trichloroethane	U	ug/l	10	28-JAN-02 14:37	ASP 95-1	01-193-1779
Carbon tetrachloride	U	ug/l	10	28-JAN-02 14:37	ASP 95-1	01-193-1779
Benzene	U	ug/l	10	28-JAN-02 14:37	ASP 95-1	01-193-1779
1,2-Dichloroethane	U	ug/l	10	28-JAN-02 14:37	ASP 95-1	01-193-1779
Trichloroethene	U	ug/l	10	28-JAN-02 14:37	ASP 95-1	01-193-1779
1,2-Dichloropropane	U	ug/l	10	28-JAN-02 14:37	ASP 95-1	01-193-1779
Bromodichloromethane	U	ug/l	10	28-JAN-02 14:37	ASP 95-1	01-193-1779
cis-1,3-Dichloropropene	U	ug/l	10	28-JAN-02 14:37	ASP 95-1	01-193-1779
MIBK(4-Methyl-2-pentanone)	U	ug/l	10	28-JAN-02 14:37	ASP 95-1	01-193-1779
Toluene	U	ug/l	10	28-JAN-02 14:37	ASP 95-1	01-193-1779
trans-1,3-Dichloropropene	U	ug/l	10	28-JAN-02 14:37	ASP 95-1	01-193-1779
1,1,2-Trichloroethane	U	ug/l	10	28-JAN-02 14:37	ASP 95-1	01-193-1779
Tetrachloroethene	U	ug/l	10	28-JAN-02 14:37	ASP 95-1	01-193-1779
2-Hexanone	U	ug/l	10	28-JAN-02 14:37	ASP 95-1	01-193-1779
Dibromochloromethane	U	ug/l	10	28-JAN-02 14:37	ASP 95-1	01-193-1779
Chlorobenzene	U	ug/l	10	28-JAN-02 14:37	ASP 95-1	01-193-1779
Ethylbenzene	U	ug/l	10	28-JAN-02 14:37	ASP 95-1	01-193-1779
p-Xylene/m-Xylene	U	ug/l	10	28-JAN-02 14:37	ASP 95-1	01-193-1779
o-Xylene	U	ug/l	10	28-JAN-02 14:37	ASP 95-1	01-193-1779
Styrene	U	ug/l	10	28-JAN-02 14:37	ASP 95-1	01-193-1779
Bromoform	U	ug/l	10	28-JAN-02 14:37	ASP 95-1	01-193-1779
1,1,2,2-Tetrachloroethane	U	ug/l	10	28-JAN-02 14:37	ASP 95-1	01-193-1779

hw
3-22-02

QC ear NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John O'Keefe
Lab Director

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Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Library Search Compounds:	Result	Units	Qual	Rention Time		
Library Search Compounds:	Result	Units	Qual	Rention Time		
Unknown	6	ug/l	J	8.7		
Library Search Comment:One library search compound detected.						
Surrogate Recovery:						
1,2-Dichloroethane-d4	108	%				01-193-1779
Toluene-d8	104	%				01-193-1779
4-Bromofluorobenzene	94	%				01-193-1779
ASP 95-2						
Bis(2-chloroethylether)	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
Phenol	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
2-Chlorophenol	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
1,3-Dichlorobenzene	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
1,4-Dichlorobenzene	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
1,2-Dichlorobenzene	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
Bis(2-chloroisopropylether)	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
2-Methylphenol	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
Hexachloroethane	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
N-Nitrosodi-N-propylamine	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
4-Methylphenol	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
Nitrobenzene	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
Isophorone	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
2-Nitrophenol	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
2,4-Dimethylphenol	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
Bis(2-chloroethoxymethane)	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
2,4-Dichlorophenol	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
1,2,4-Trichlorobenzene	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
Naphthalene	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
4-Chloroaniline	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
Hexachlorobutadiene	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
4-Chloro-3-methylphenol	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
2-Methylnaphthalene	UJ	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
Hexachlorocyclopentadiene	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
2,4,6-Trichlorophenol	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
2,4,5-Trichlorophenol	U	ug/l	25	24-JAN-02 16:43	ASP 95-2	01-165-3733
2-Chloronaphthalene	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
2-Nitroaniline	U	ug/l	25	24-JAN-02 16:43	ASP 95-2	01-165-3733

jf 2/5/02

QC ok NY 10252 NJ 73168 PA 68180 EPA NY00033

Approved by: John Kent
Lab Director

KEY: ND or U = None Detected; < = less than; ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million); mg/kg = milligrams per kilogram (equivalent to parts per millio
B = analyte was detected in the method or trip blank; J = result estimated below the quantitation limit

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"Our family caring about your analytical needs ... Since 1962."

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FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date: 07-FEB-2002

Lab Sample ID: L82618-7

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: A-43S
Description: GRAB
Sampled On: 17-JAN-02 14:45 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Dimethyl phthalate	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
Acenaphthylene	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
2,6-Dinitrotoluene	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
3-Nitroaniline	U	ug/l	25	24-JAN-02 16:43	ASP 95-2	01-165-3733
Acenaphthene	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
2,4-Dinitrophenol	U	ug/l	25	24-JAN-02 16:43	ASP 95-2	01-165-3733
Dibenzofuran	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
2,4-Dinitrotoluene	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
4-Nitrophenol	U	ug/l	25	24-JAN-02 16:43	ASP 95-2	01-165-3733
Diethyl phthalate	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
Fluorene	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
4-Chlorophenylphenylether	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
4-Nitroaniline	U	ug/l	25	24-JAN-02 16:43	ASP 95-2	01-165-3733
2-Methyl-4,6-dinitrophenol	U	ug/l	25	24-JAN-02 16:43	ASP 95-2	01-165-3733
N-Nitrosodiphenylamine	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
4-Bromophenylphenylether	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
Hexachlorobenzene	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
Pentachlorophenol	U	ug/l	25	24-JAN-02 16:43	ASP 95-2	01-165-3733
Phenanthrene	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
Anthracene	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
Carbazole	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
Di-n-butyl phthalate	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
Fluoranthene	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
Pyrene	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
Butylbenzyl phthalate	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
Benzo(a)anthracene	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
3,3-Dichlorobenzidine	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
Chrysene	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
Bis-2-ethylhexyl phthalate	10 B U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
Di-n-octyl phthalate	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
Benzo(b)fluoranthene	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
Benzo(k)fluoranthene	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
Benzo(a)pyrene	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
Indeno(1,2,3-cd)pyrene	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
Dibenzo(a,h)anthracene	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733
Benzo(g,h,i)perylene	U	ug/l	10	24-JAN-02 16:43	ASP 95-2	01-165-3733

3-27-02

QC ok NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

KEY: ND or U = None Detected; < = less than; ug/L = micrograms per liter (equivalent to parts per billion)
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FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date: 07-FEB-2002

Lab Sample ID: L82618-7

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: A-43S
Description: GRAB
Sampled On: 17-JAN-02 14:45 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Extraction Information:				23-JAN-02 00:00		01-133-64

Library Search Compounds:	Result	Units	Qual	Rention Time
5-Isoquinolinol	7	ug/l	NJ	11.8
Unknown	4	ug/l	J	12.68
2-Fluoro-6-nitrophenol	4	ug/l	NJ	13.14
Hexadecanoic Acid	3	ug/l	~~NJB~~ R	26.11

Library Search Comment: Four library search compounds detected.

Surrogate Recovery:			
2-Fluorophenol	25	%	01-165-3733
Phenol-d5	23	%	01-165-3733
2-Chlorophenol-d4	54	%	01-165-3733
1,2-Dichlorobenzene-d4	84	%	01-165-3733
Nitrobenzene-d5	86	%	01-165-3733
2-Fluorobiphenyl	84	%	01-165-3733
2,4,6-Tribromophenol	22	%	01-165-3733
Terphenyl-d14	42	%	01-165-3733

ms
3-27-02

QC DOH NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John D. Kent
Lab Director

KEY: ND or U = None Detected; < = less than; ug/L = micrograms per liter (equivalent to parts per billion)
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ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date: 07-FEB-2002

Lab Sample ID: L82618-8

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: A-27S
Description: GRAB
Sampled On: 17-JAN-02 15:10 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
ASP 95-1						
Chloromethane	U	ug/l	10	28-JAN-02 15:10	ASP 95-1	01-193-1780
Bromomethane	U	ug/l	10	28-JAN-02 15:10	ASP 95-1	01-193-1780
Vinyl chloride	U	ug/l	10	28-JAN-02 15:10	ASP 95-1	01-193-1780
Chloroethane	U	ug/l	10	28-JAN-02 15:10	ASP 95-1	01-193-1780
Methylene chloride	105 JB U	ug/l	10	28-JAN-02 15:10	ASP 95-1	01-193-1780
Acetone	U	ug/l	10	28-JAN-02 15:10	ASP 95-1	01-193-1780
Carbon disulfide	U	ug/l	10	28-JAN-02 15:10	ASP 95-1	01-193-1780
1,1-Dichloroethene	U	ug/l	10	28-JAN-02 15:10	ASP 95-1	01-193-1780
trans-1,2-Dichloroethene	U	ug/l	10	28-JAN-02 15:10	ASP 95-1	01-193-1780
1,1-Dichloroethane	2 J	ug/l	10	28-JAN-02 15:10	ASP 95-1	01-193-1780
cis-1,2-Dichloroethene	10	ug/l	10	28-JAN-02 15:10	ASP 95-1	01-193-1780
MEK(2-Butanone)	U	ug/l	10	28-JAN-02 15:10	ASP 95-1	01-193-1780
Chloroform	U	ug/l	10	28-JAN-02 15:10	ASP 95-1	01-193-1780
1,1,1-Trichloroethane	U	ug/l	10	28-JAN-02 15:10	ASP 95-1	01-193-1780
Carbon tetrachloride	U	ug/l	10	28-JAN-02 15:10	ASP 95-1	01-193-1780
Benzene	U	ug/l	10	28-JAN-02 15:10	ASP 95-1	01-193-1780
1,2-Dichloroethane	U	ug/l	10	28-JAN-02 15:10	ASP 95-1	01-193-1780
Trichloroethene	U	ug/l	10	28-JAN-02 15:10	ASP 95-1	01-193-1780
1,2-Dichloropropane	U	ug/l	10	28-JAN-02 15:10	ASP 95-1	01-193-1780
Bromodichloromethane	U	ug/l	10	28-JAN-02 15:10	ASP 95-1	01-193-1780
cis-1,3-Dichloropropene	U	ug/l	10	28-JAN-02 15:10	ASP 95-1	01-193-1780
MIBK(4-Methyl-2-pentanone)	U	ug/l	10	28-JAN-02 15:10	ASP 95-1	01-193-1780
Toluene	U	ug/l	10	28-JAN-02 15:10	ASP 95-1	01-193-1780
trans-1,3-Dichloropropene	U	ug/l	10	28-JAN-02 15:10	ASP 95-1	01-193-1780
1,1,2-Trichloroethane	U	ug/l	10	28-JAN-02 15:10	ASP 95-1	01-193-1780
Tetrachloroethene	U	ug/l	10	28-JAN-02 15:10	ASP 95-1	01-193-1780
2-Hexanone	U	ug/l	10	28-JAN-02 15:10	ASP 95-1	01-193-1780
Dibromochloromethane	U	ug/l	10	28-JAN-02 15:10	ASP 95-1	01-193-1780
Chlorobenzene	U	ug/l	10	28-JAN-02 15:10	ASP 95-1	01-193-1780
Ethylbenzene	U	ug/l	10	28-JAN-02 15:10	ASP 95-1	01-193-1780
p-Xylene/m-Xylene	U	ug/l	10	28-JAN-02 15:10	ASP 95-1	01-193-1780
o-Xylene	U	ug/l	10	28-JAN-02 15:10	ASP 95-1	01-193-1780
Styrene	U	ug/l	10	28-JAN-02 15:10	ASP 95-1	01-193-1780
Bromoform	U	ug/l	10	28-JAN-02 15:10	ASP 95-1	01-193-1780
1,1,2,2-Tetrachloroethane	U	ug/l	10	28-JAN-02 15:10	ASP 95-1	01-193-1780

MS
3-27-02

QC cal NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: [signature]
Lab Director

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ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date: 07-FEB-2002

Lab Sample ID: L82618-8

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: A-27S
Description: GRAB
Sampled On: 17-JAN-02 15:10 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Library Search Compounds:	**Result**	**Units**	**Qual**	**Rention Time**		
Library Search Compounds:	**Result**	**Units**	**Qual**	**Rention Time**		
Hexane	7	ug/l	~~NJ~~ R	8.69		
Unknown	24	ug/l	J	22.57		
1-methyl-2(1-methyl ethyl)benzene	15	ug/l	~~NJ~~ R	23.01		
4-ethyl-1,2-dimethyl benzene	21	ug/l	~~NJ~~ R	23.1		
1,2,4,5-tetramethyl benzene	15	ug/l	~~NJ~~ R	23.58		
Unknown	18	ug/l	J R	23.64		
Library Search Comment:Six library search compounds detected.						
Surrogate Recovery:						
1,2-Dichloroethane-d4	106	%				01-193-1780
Toluene-d8	106	%				01-193-1780
4-Bromofluorobenzene	97	%				01-193-1780
ASP 95-2						
Bis(2-chloroethylether)	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
Phenol	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
2-Chlorophenol	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
1,3-Dichlorobenzene	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
1,4-Dichlorobenzene	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
1,2-Dichlorobenzene	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
Bis(2-chloroisopropylether)	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
2-Methylphenol	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
Hexachloroethane	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
N-Nitrosodi-N-propylamine	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
4-Methylphenol	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
Nitrobenzene	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
Isophorone	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
2-Nitrophenol	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
2,4-Dimethylphenol	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
Bis(2-chloroethoxymethane)	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
2,4-Dichlorophenol	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
1,2,4-Trichlorobenzene	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
Naphthalene	4 J	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
4-Chloroaniline	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
Hexachlorobutadiene	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
4-Chloro-3-methylphenol	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
2-Methylnaphthalene	U J	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732

QC car NY 10252 NJ 73168 PA 68180 EPA NY00033

Approved by: _____ Lab Director

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FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date: 07-FEB-2002

Lab Sample ID: L82618-8

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: A-27S
Description: GRAB
Sampled On: 17-JAN-02 15:10 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Hexachlorocyclopentadiene	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
2,4,6-Trichlorophenol	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
2,4,5-Trichlorophenol	U	ug/l	25	24-JAN-02 15:50	ASP 95-2	01-165-3732
2-Chloronaphthalene	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
2-Nitroaniline	U	ug/l	25	24-JAN-02 15:50	ASP 95-2	01-165-3732
Dimethyl phthalate	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
Acenaphthylene	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
2,6-Dinitrotoluene	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
3-Nitroaniline	U	ug/l	25	24-JAN-02 15:50	ASP 95-2	01-165-3732
Acenaphthene	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
2,4-Dinitrophenol	U	ug/l	25	24-JAN-02 15:50	ASP 95-2	01-165-3732
Dibenzofuran	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
2,4-Dinitrotoluene	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
4-Nitrophenol	U	ug/l	25	24-JAN-02 15:50	ASP 95-2	01-165-3732
Diethyl phthalate	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
Fluorene	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
4-Chlorophenylphenylether	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
4-Nitroaniline	U	ug/l	25	24-JAN-02 15:50	ASP 95-2	01-165-3732
2-Methyl-4,6-dinitrophenol	U	ug/l	25	24-JAN-02 15:50	ASP 95-2	01-165-3732
N-Nitrosodiphenylamine	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
4-Bromophenylphenylether	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
Hexachlorobenzene	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
Pentachlorophenol	U	ug/l	25	24-JAN-02 15:50	ASP 95-2	01-165-3732
Phenanthrene	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
Anthracene	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
Carbazole	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
Di-n-butyl phthalate	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
Fluoranthene	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
Pyrene	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
Butylbenzyl phthalate	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
Benzo(a)anthracene	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
3,3-Dichlorobenzidine	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
Chrysene	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
Bis-2-ethylhexyl phthalate	10 J B U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
Di-n-octyl phthalate	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
Benzo(b)fluoranthene	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
Benzo(k)fluoranthene	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
Benzo(a)pyrene	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
Indeno(1,2,3-cd)pyrene	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
Dibenzo(a,h)anthracene	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732
Benzo(g,h,i)perylene	U	ug/l	10	24-JAN-02 15:50	ASP 95-2	01-165-3732

MS
3-27-02

QC ear NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

KEY: ND or U = None Detected; < = less than; ug/L = micrograms per liter (equivalent to parts per billion); mg/L = milligrams per liter (equivalent to parts per million); mg/kg = milligrams per kilogram (equivalent to parts per millio; B = analyte was detected in the method or trip blank; J = result estimated below the quantitation limit

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"Our family serving the ... Since 1968"

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FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date: 07-FEB-2002

Lab Sample ID: L82618-8

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: A-27S
Description: GRAB
Sampled On: 17-JAN-02 15:10 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Extraction Information:				22-JAN-02 00:00		01-133-61

Library Search Compounds:	Result	Units	Qual	Rention Time
1-methyl-4-(1methylethyl) Benzene	6	ug/l	~~NJ~~ R	11.37
1-methyl-3-(1methylethyl) Benzene	7	ug/l	~~NJ~~	11.43
1-methyl-2-(1methylethyl) Benzene	12	ug/l	~~NJ~~	11.58
1,2,4,5-tetramethyl Benzene	12	ug/l	~~NJ~~	12.29
Unknown	12	ug/l	J	12.38
1-methyl Indan	10	ug/l	~~NJ~~ R	13.01
Unknown	6	ug/l	J	13.06
Unknown	4	ug/l	J	13.49
Unknown	7	ug/l	J	20.24
Unknown	6	ug/l	J	20.91
4-(1,1,3,3-tetramethylbutyl) Phenol	7	ug/l	~~NJ~~ R	21.28
Unknown	4	ug/l	J	21.84
Unknown	11	ug/l	J	22.15
Unknown	6	ug/l	J	22.94
Unknown	3	ug/l	J	26.12
Sulfur	3	ug/l	~~NJ~~ R	27.51

Library Search Comment: 16 library search compounds detected.

MS 3-27-02

Surrogate Recovery:			
2-Fluorophenol	89	%	01-165-3732
Phenol-d5	83	%	01-165-3732
2-Chlorophenol-d4	95	%	01-165-3732
1,2-Dichlorobenzene-d4	75	%	01-165-3732
Nitrobenzene-d5	77	%	01-165-3732
2-Fluorobiphenyl	76	%	01-165-3732
2,4,6-Tribromophenol	96	%	01-165-3732
Terphenyl-d14	72	%	01-165-3732

QC vak NY 10252 NJ 73168 PA 68180 EPA NY 00033 Approved by: Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per millior
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

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FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:07-FEB-2002

Lab Sample ID: L82618-9

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: A-26S
Description: GRAB
Sampled On: 17-JAN-02 15:20 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
ASP 95-1						
Chloromethane	U	ug/l	10	28-JAN-02 15:44	ASP 95-1	01-193-1781
Bromomethane	U	ug/l	10	28-JAN-02 15:44	ASP 95-1	01-193-1781
Vinyl chloride	U	ug/l	10	28-JAN-02 15:44	ASP 95-1	01-193-1781
Chloroethane	U	ug/l	10	28-JAN-02 15:44	ASP 95-1	01-193-1781
Methylene chloride	10 6 JB U	ug/l	10	28-JAN-02 15:44	ASP 95-1	01-193-1781
Acetone	U	ug/l	10	28-JAN-02 15:44	ASP 95-1	01-193-1781
Carbon disulfide	U	ug/l	10	28-JAN-02 15:44	ASP 95-1	01-193-1781
1,1-Dichloroethene	U	ug/l	10	28-JAN-02 15:44	ASP 95-1	01-193-1781
trans-1,2-Dichloroethene	U	ug/l	10	28-JAN-02 15:44	ASP 95-1	01-193-1781
1,1-Dichloroethane	14	ug/l	10	28-JAN-02 15:44	ASP 95-1	01-193-1781
cis-1,2-Dichloroethene	U	ug/l	10	28-JAN-02 15:44	ASP 95-1	01-193-1781
MEK(2-Butanone)	U	ug/l	10	28-JAN-02 15:44	ASP 95-1	01-193-1781
Chloroform	U	ug/l	10	28-JAN-02 15:44	ASP 95-1	01-193-1781
1,1,1-Trichloroethane	U	ug/l	10	28-JAN-02 15:44	ASP 95-1	01-193-1781
Carbon tetrachloride	U	ug/l	10	28-JAN-02 15:44	ASP 95-1	01-193-1781
Benzene	U	ug/l	10	28-JAN-02 15:44	ASP 95-1	01-193-1781
1,2-Dichloroethane	U	ug/l	10	28-JAN-02 15:44	ASP 95-1	01-193-1781
Trichloroethene	U	ug/l	10	28-JAN-02 15:44	ASP 95-1	01-193-1781
1,2-Dichloropropane	U	ug/l	10	28-JAN-02 15:44	ASP 95-1	01-193-1781
Bromodichloromethane	U	ug/l	10	28-JAN-02 15:44	ASP 95-1	01-193-1781
cis-1,3-Dichloropropene	U	ug/l	10	28-JAN-02 15:44	ASP 95-1	01-193-1781
MIBK(4-Methyl-2-pentanone)	U	ug/l	10	28-JAN-02 15:44	ASP 95-1	01-193-1781
Toluene	U	ug/l	10	28-JAN-02 15:44	ASP 95-1	01-193-1781
trans-1,3-Dichloropropene	U	ug/l	10	28-JAN-02 15:44	ASP 95-1	01-193-1781
1,1,2-Trichloroethane	U	ug/l	10	28-JAN-02 15:44	ASP 95-1	01-193-1781
Tetrachloroethene	U	ug/l	10	28-JAN-02 15:44	ASP 95-1	01-193-1781
2-Hexanone	U	ug/l	10	28-JAN-02 15:44	ASP 95-1	01-193-1781
Dibromochloromethane	U	ug/l	10	28-JAN-02 15:44	ASP 95-1	01-193-1781
Chlorobenzene	U	ug/l	10	28-JAN-02 15:44	ASP 95-1	01-193-1781
Ethylbenzene	U	ug/l	10	28-JAN-02 15:44	ASP 95-1	01-193-1781
p-Xylene/m-Xylene	U	ug/l	10	28-JAN-02 15:44	ASP 95-1	01-193-1781
o-Xylene	U	ug/l	10	28-JAN-02 15:44	ASP 95-1	01-193-1781
Styrene	U	ug/l	10	28-JAN-02 15:44	ASP 95-1	01-193-1781
Bromoform	U	ug/l	10	28-JAN-02 15:44	ASP 95-1	01-193-1781
1,1,2,2-Tetrachloroethane	U	ug/l	10	28-JAN-02 15:44	ASP 95-1	01-193-1781

JHS
3-22-02

QC wal NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John O'Keefe
Lab Director

KEY: ND or U = None Detected; < = less than; ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million); mg/kg = milligrams per kilogram (equivalent to parts per millio
B = analyte was detected in the method or trip blank; J = result estimated below the quantitation limit

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FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date: 07-FEB-2002

Lab Sample ID: L82618-9

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: A-26S
Description: GRAB
Sampled On: 17-JAN-02 15:20 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Library Search Compounds:	Result	Units	Qual	Rention Time		
Library Search Compounds:	Result	Units	Qual	Rention Time		
Unknown	5	ug/l	J	8.3		
Hexane	7	ug/l	NJR	8.71		
Library Search Comment: Two library search compounds detected.						
Surrogate Recovery:						
1,2-Dichloroethane-d4	109	%				01-193-1781
Toluene-d8	107	%				01-193-1781
4-Bromofluorobenzene	95	%				01-193-1781
ASP 95-2						
Bis(2-chloroethylether)	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
Phenol	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
2-Chlorophenol	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
1,3-Dichlorobenzene	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
1,4-Dichlorobenzene	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
1,2-Dichlorobenzene	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
Bis(2-chloroisopropylether)	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
2-Methylphenol	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
Hexachloroethane	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
N-Nitrosodi-N-propylamine	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
4-Methylphenol	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
Nitrobenzene	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
Isophorone	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
2-Nitrophenol	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
2,4-Dimethylphenol	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
Bis(2-chloroethoxymethane)	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
2,4-Dichlorophenol	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
1,2,4-Trichlorobenzene	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
Naphthalene	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
4-Chloroaniline	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
Hexachlorobutadiene	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
4-Chloro-3-methylphenol	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
2-Methylnaphthalene	U J	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
Hexachlorocyclopentadiene	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
2,4,6-Trichlorophenol	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
2,4,5-Trichlorophenol	U	ug/l	30	24-JAN-02 12:15	ASP 95-2	01-165-3728
2-Chloronaphthalene	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728

QC ok NY 10252 NJ 73168 PA 68180 EPA NY00033

Approved by: John P. Kent
Lab Director

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ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date: 07-FEB-2002

Lab Sample ID: L82618-9

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: A-26S
Description: GRAB
Sampled On: 17-JAN-02 15:20 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
2-Nitroaniline	U	ug/l	30	24-JAN-02 12:15	ASP 95-2	01-165-3728
Dimethyl phthalate	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
Acenaphthylene	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
2,6-Dinitrotoluene	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
3-Nitroaniline	U	ug/l	30	24-JAN-02 12:15	ASP 95-2	01-165-3728
Acenaphthene	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
2,4-Dinitrophenol	U	ug/l	30	24-JAN-02 12:15	ASP 95-2	01-165-3728
Dibenzofuran	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
2,4-Dinitrotoluene	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
4-Nitrophenol	U	ug/l	30	24-JAN-02 12:15	ASP 95-2	01-165-3728
Diethyl phthalate	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
Fluorene	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
4-Chlorophenylphenylether	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
4-Nitroaniline	U	ug/l	30	24-JAN-02 12:15	ASP 95-2	01-165-3728
2-Methyl-4,6-dinitrophenol	U	ug/l	30	24-JAN-02 12:15	ASP 95-2	01-165-3728
N-Nitrosodiphenylamine	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
4-Bromophenylphenylether	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
Hexachlorobenzene	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
Pentachlorophenol	U	ug/l	30	24-JAN-02 12:15	ASP 95-2	01-165-3728
Phenanthrene	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
Anthracene	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
Carbazole	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
Di-n-butyl phthalate	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
Fluoranthene	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
Pyrene	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
Butylbenzyl phthalate	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
Benzo(a)anthracene	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
3,3-Dichlorobenzidine	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
Chrysene	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
Bis-2-ethylhexyl phthalate	12 8 18 U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
Di-n-octyl phthalate	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
Benzo(b)fluoranthene	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
Benzo(k)fluoranthene	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
Benzo(a)pyrene	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
Indeno(1,2,3-cd)pyrene	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
Dibenzo(a,h)anthracene	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728
Benzo(g,h,i)perylene	U	ug/l	12	24-JAN-02 12:15	ASP 95-2	01-165-3728

MS
3-27-02

QC kaR NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John A Kent
Lab Director

KEY: ND or U = None Detected; < = less than; ug/L = micrograms per liter (equivalent to parts per billion)
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ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:07-FEB-2002

Lab Sample ID: L82618-9

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: A-26S
Description: GRAB
Sampled On: 17-JAN-02 15:20 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Extraction Information:				22-JAN-02 00:00		01-133-61

Library Search Compounds:	Result	Units	Qual	Rention Time
No library search compounds detected.				
Surrogate Recovery:				
2-Fluorophenol	80	%		01-165-3728
Phenol-d5	70	%		01-165-3728
2-Chlorophenol-d4	88	%		01-165-3728
1,2-Dichlorobenzene-d4	74	%		01-165-3728
Nitrobenzene-d5	79	%		01-165-3728
2-Fluorobiphenyl	79	%		01-165-3728
2,4,6-Tribromophenol	69	%		01-165-3728
Terphenyl-d14	83	%		01-165-3728

QC [illegible] NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: [signature]
Lab Director

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mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per millior
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"Our family serving about [illegible] Since 1962."

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FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date: 08-FEB-2002

Lab Sample ID: L82618-10

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: MW-6
Description: GRAB
Sampled On: 17-JAN-02 16:00 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
ASP 95-1						
Chloromethane	U	ug/l	10	28-JAN-02 16:18	ASP 95-1	01-193-1782
Bromomethane	U	ug/l	10	28-JAN-02 16:18	ASP 95-1	01-193-1782
Vinyl chloride	U	ug/l	10	28-JAN-02 16:18	ASP 95-1	01-193-1782
Chloroethane	U	ug/l	10	28-JAN-02 16:18	ASP 95-1	01-193-1782
Methylene chloride	10 B JB U	ug/l	10	28-JAN-02 16:18	ASP 95-1	01-193-1782
Acetone	U	ug/l	10	28-JAN-02 16:18	ASP 95-1	01-193-1782
Carbon disulfide	U	ug/l	10	28-JAN-02 16:18	ASP 95-1	01-193-1782
1,1-Dichloroethene	U	ug/l	10	28-JAN-02 16:18	ASP 95-1	01-193-1782
trans-1,2-Dichloroethene	U	ug/l	10	28-JAN-02 16:18	ASP 95-1	01-193-1782
1,1-Dichloroethane	U	ug/l	10	28-JAN-02 16:18	ASP 95-1	01-193-1782
cis-1,2-Dichloroethene	U	ug/l	10	28-JAN-02 16:18	ASP 95-1	01-193-1782
MEK(2-Butanone)	U	ug/l	10	28-JAN-02 16:18	ASP 95-1	01-193-1782
Chloroform	U	ug/l	10	28-JAN-02 16:18	ASP 95-1	01-193-1782
1,1,1-Trichloroethane	U	ug/l	10	28-JAN-02 16:18	ASP 95-1	01-193-1782
Carbon tetrachloride	U	ug/l	10	28-JAN-02 16:18	ASP 95-1	01-193-1782
Benzene	U	ug/l	10	28-JAN-02 16:18	ASP 95-1	01-193-1782
1,2-Dichloroethane	U	ug/l	10	28-JAN-02 16:18	ASP 95-1	01-193-1782
Trichloroethene	U	ug/l	10	28-JAN-02 16:18	ASP 95-1	01-193-1782
1,2-Dichloropropane	U	ug/l	10	28-JAN-02 16:18	ASP 95-1	01-193-1782
Bromodichloromethane	U	ug/l	10	28-JAN-02 16:18	ASP 95-1	01-193-1782
cis-1,3-Dichloropropene	U	ug/l	10	28-JAN-02 16:18	ASP 95-1	01-193-1782
MIBK(4-Methyl-2-pentanone)	U	ug/l	10	28-JAN-02 16:18	ASP 95-1	01-193-1782
Toluene	U	ug/l	10	28-JAN-02 16:18	ASP 95-1	01-193-1782
trans-1,3-Dichloropropene	U	ug/l	10	28-JAN-02 16:18	ASP 95-1	01-193-1782
1,1,2-Trichloroethane	U	ug/l	10	28-JAN-02 16:18	ASP 95-1	01-193-1782
Tetrachloroethene	10	ug/l	10	28-JAN-02 16:18	ASP 95-1	01-193-1782
2-Hexanone	U	ug/l	10	28-JAN-02 16:18	ASP 95-1	01-193-1782
Dibromochloromethane	U	ug/l	10	28-JAN-02 16:18	ASP 95-1	01-193-1782
Chlorobenzene	U	ug/l	10	28-JAN-02 16:18	ASP 95-1	01-193-1782
Ethylbenzene	U	ug/l	10	28-JAN-02 16:18	ASP 95-1	01-193-1782
p-Xylene/m-Xylene	U	ug/l	10	28-JAN-02 16:18	ASP 95-1	01-193-1782
o-Xylene	U	ug/l	10	28-JAN-02 16:18	ASP 95-1	01-193-1782
Styrene	U	ug/l	10	28-JAN-02 16:18	ASP 95-1	01-193-1782
Bromoform	U	ug/l	10	28-JAN-02 16:18	ASP 95-1	01-193-1782
1,1,2,2-Tetrachloroethane	U	ug/l	10	28-JAN-02 16:18	ASP 95-1	01-193-1782

dcs
3-27-02

QC [illegible] NY 10252 NJ 73168 PA 68180 EPA NY 00033 Approved by: [signature] Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per millio
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"Our family serving about [illegible] Since 1968."

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FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:08-FEB-2002

Lab Sample ID: L82618-10

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: MW-6
Description: GRAB
Sampled On: 17-JAN-02 16:00 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Library Search Compounds:	Result	Units	Qual	Rention Time		
Library Search Compounds:	Result	Units	Qual	Rention Time		
Unknown	6	ug/l	J	8.72		
1,2,3-trimethyl benzene	13	ug/l	~~NJ~~ R	21.74		
Unknown	47	ug/l	J	22.31		
Unknown	46	ug/l	J	22.57		
2-ethyl-1,4-dimethyl benzene	59	ug/l	~~NJ~~ R	22.63		
1,2-diethyl benzene	5	ug/l	~~NJ~~ R	22.79		
1-methyl-3-propyl benzene	15	ug/l	~~NJ~~	22.88		
1-methyl-3-(1-methyl ethyl) benzene	54	ug/l	~~NJ~~	23.01		
1-methyl-2-(1-methyl ethyl) benzene	99	ug/l	~~NJ~~	23.1		
Unknown	24	ug/l	J	23.26		
Unknown	35	ug/l	J	23.47		
1,2,3,4-tetramethyl benzene	49	ug/l	~~NJ~~ R	23.58		
Unknown	84	ug/l	J	23.64		
Library Search Comment:13 library search compounds detected.						
Surrogate Recovery:						
1,2-Dichloroethane-d4	107	%				01-193-1782
Toluene-d8	106	%				01-193-1782
4-Bromofluorobenzene	97	%				01-193-1782
ASP 95-2						
Bis(2-chloroethylether)	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
Phenol	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
2-Chlorophenol	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
1,3-Dichlorobenzene	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
1,4-Dichlorobenzene	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
1,2-Dichlorobenzene	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
Bis(2-chloroisopropylether)	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
2-Methylphenol	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
Hexachloroethane	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
N-Nitrosodi-N-propylamine	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
4-Methylphenol	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
Nitrobenzene	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
Isophorone	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
2-Nitrophenol	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
2,4-Dimethylphenol	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
Bis(2-chloroethoxymethane)	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727

QC ~~mk~~ NY 10252 NJ 73168 PA 68180 EPA NY00033

Approved by: *John A Kent*
Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per millior
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FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:08-FEB-2002

Lab Sample ID: L82618-10

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: MW-6
Description: GRAB
Sampled On: 17-JAN-02 16:00 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
2,4-Dichlorophenol	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
1,2,4-Trichlorobenzene	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
Naphthalene	40	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
4-Chloroaniline	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
Hexachlorobutadiene	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
4-Chloro-3-methylphenol	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
2-Methylnaphthalene	UJ	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
Hexachlorocyclopentadiene	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
2,4,6-Trichlorophenol	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
2,4,5-Trichlorophenol	U	ug/l	28	24-JAN-02 11:22	ASP 95-2	01-165-3727
2-Chloronaphthalene	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
2-Nitroaniline	U	ug/l	28	24-JAN-02 11:22	ASP 95-2	01-165-3727
Dimethyl phthalate	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
Acenaphthylene	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
2,6-Dinitrotoluene	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
3-Nitroaniline	U	ug/l	28	24-JAN-02 11:22	ASP 95-2	01-165-3727
Acenaphthene	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
2,4-Dinitrophenol	U	ug/l	28	24-JAN-02 11:22	ASP 95-2	01-165-3727
Dibenzofuran	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
2,4-Dinitrotoluene	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
4-Nitrophenol	U	ug/l	28	24-JAN-02 11:22	ASP 95-2	01-165-3727
Diethyl phthalate	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
Fluorene	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
4-Chlorophenylphenylether	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
4-Nitroaniline	U	ug/l	28	24-JAN-02 11:22	ASP 95-2	01-165-3727
2-Methyl-4,6-dinitrophenol	U	ug/l	28	24-JAN-02 11:22	ASP 95-2	01-165-3727
N-Nitrosodiphenylamine	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
4-Bromophenylphenylether	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
Hexachlorobenzene	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
Pentachlorophenol	U	ug/l	28	24-JAN-02 11:22	ASP 95-2	01-165-3727
Phenanthrene	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
Anthracene	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
Carbazole	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
Di-n-butyl phthalate	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
Fluoranthene	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
Pyrene	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
Butylbenzyl phthalate	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
Benzo(a)anthracene	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
3,3-Dichlorobenzidine	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
Chrysene	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
Bis-2-ethylhexyl phthalate	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
Di-n-octyl phthalate	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
Benzo(b)fluoranthene	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727

1-5-02

QC oak NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John M Kent
Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
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"Our family caring about your analytical needs ... Since 1903"

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FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date: 08-FEB-2002

Lab Sample ID: L82618-10

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: MW-6
Description: GRAB
Sampled On: 17-JAN-02 16:00 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Benzo(k)fluoranthene	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
Benzo(a)pyrene	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
Indeno(1,2,3-cd)pyrene	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
Dibenzo(a,h)anthracene	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
Benzo(g,h,i)perylene	U	ug/l	11	24-JAN-02 11:22	ASP 95-2	01-165-3727
Extraction Information:				22-JAN-02 00:00		01-133-61

Library Search Compounds:	Result	Units	Qual	Rention Time
1,2,4-Trimethylbenzene	13	ug/l	NJ R	9.27
Unknown	41	ug/l	J	10
Indane	15	ug/l	NJ R	10.34
1,3-diethyl Benzene	18	ug/l	NJ	10.7
1-methyl-3-propyl benzene	14	ug/l	NJ ↓	10.77
Unknown	18	ug/l	J	10.89
1-ethyl-1,2-dimethyl benzene	35	ug/l	NJ R	10.95
1-methyl-2-propyl benzene	12	ug/l	NJ	11.11
4-ethyl-1,2-dimethyl benzene	24	ug/l	NJ ↓	11.38
1,2,4,5-tetramethyl benzene	30	ug/l	NJ ↓	11.43
Unknown	88	ug/l	J	11.6
4-ethyl-1,2-dimethyl benzene	22	ug/l	NJ R	12.03
1,2,4,5-tetramethyl benzene	37	ug/l	NJ R	12.31
Unknown	41	ug/l	J	12.4
2,3-dihydro-1-methylindene	16	ug/l	NJ R	12.81
Unknown	43	ug/l	J	13.02
Unknown	71	ug/l	J	13.08
2,3-Dihydro-1H-Inden-1-one	15	ug/l	NJ R	15.78
Unknown	12	ug/l	J	17.04
(E)-1-propenyl Benzene	13	ug/l	NJ R	17.82
Unknown Acid	78	ug/l	J	19.72
Unknown	16	ug/l	J	20.34
Unknown	17	ug/l	J	20.47
Unknown	18	ug/l	J	20.66

Library Search Comment:24 library search compounds detected.

TMS
3-27-02

QC cak NY 10252 NJ 73168 PA 68180 EPA NY 00033 Approved by: John A Kent
Lab Director

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FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:08-FEB-2002

Lab Sample ID: L82618-10

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: MW-6
Description: GRAB
Sampled On: 17-JAN-02 16:00 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result		Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Surrogate Recovery:							
2-Fluorophenol	70		%				01-165-3727
Phenol-d5	64		%				01-165-3727
2-Chlorophenol-d4	88		%				01-165-3727
1,2-Dichlorobenzene-d4	82		%				01-165-3727
Nitrobenzene-d5	85		%				01-165-3727
2-Fluorobiphenyl	88		%				01-165-3727
2,4,6-Tribromophenol	63		%				01-165-3727
Terphenyl-d14	18	*	%				01-165-3727

Analysis Comment:* - Surrogate recovery below limit.

QC kak NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John D. Kent
Lab Director

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ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date: 07-FEB-2002

Lab Sample ID: L82618-12

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: MW-10
Description: GRAB
Sampled On: 17-JAN-02 16:45 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
ASP 95-1						
Chloromethane	U	ug/l	10	28-JAN-02 17:26	ASP 95-1	01-193-1784
Bromomethane	U	ug/l	10	28-JAN-02 17:26	ASP 95-1	01-193-1784
Vinyl chloride	U	ug/l	10	28-JAN-02 17:26	ASP 95-1	01-193-1784
Chloroethane	U	ug/l	10	28-JAN-02 17:26	ASP 95-1	01-193-1784
Methylene chloride	10 J B U	ug/l	10	28-JAN-02 17:26	ASP 95-1	01-193-1784
Acetone	33	ug/l	10	28-JAN-02 17:26	ASP 95-1	01-193-1784
Carbon disulfide	U	ug/l	10	28-JAN-02 17:26	ASP 95-1	01-193-1784
1,1-Dichloroethene	U	ug/l	10	28-JAN-02 17:26	ASP 95-1	01-193-1784
trans-1,2-Dichloroethene	U	ug/l	10	28-JAN-02 17:26	ASP 95-1	01-193-1784
1,1-Dichloroethane	7 J	ug/l	10	28-JAN-02 17:26	ASP 95-1	01-193-1784
cis-1,2-Dichloroethene	U	ug/l	10	28-JAN-02 17:26	ASP 95-1	01-193-1784
MEK(2-Butanone)	8 J	ug/l	10	28-JAN-02 17:26	ASP 95-1	01-193-1784
Chloroform	U	ug/l	10	28-JAN-02 17:26	ASP 95-1	01-193-1784
1,1,1-Trichloroethane	4 J	ug/l	10	28-JAN-02 17:26	ASP 95-1	01-193-1784
Carbon tetrachloride	U	ug/l	10	28-JAN-02 17:26	ASP 95-1	01-193-1784
Benzene	U	ug/l	10	28-JAN-02 17:26	ASP 95-1	01-193-1784
1,2-Dichloroethane	U	ug/l	10	28-JAN-02 17:26	ASP 95-1	01-193-1784
Trichloroethene	U	ug/l	10	28-JAN-02 17:26	ASP 95-1	01-193-1784
1,2-Dichloropropane	U	ug/l	10	28-JAN-02 17:26	ASP 95-1	01-193-1784
Bromodichloromethane	U	ug/l	10	28-JAN-02 17:26	ASP 95-1	01-193-1784
cis-1,3-Dichloropropene	U	ug/l	10	28-JAN-02 17:26	ASP 95-1	01-193-1784
MIBK(4-Methyl-2-pentanone)	U	ug/l	10	28-JAN-02 17:26	ASP 95-1	01-193-1784
Toluene	U	ug/l	10	28-JAN-02 17:26	ASP 95-1	01-193-1784
trans-1,3-Dichloropropene	U	ug/l	10	28-JAN-02 17:26	ASP 95-1	01-193-1784
1,1,2-Trichloroethane	U	ug/l	10	28-JAN-02 17:26	ASP 95-1	01-193-1784
Tetrachloroethene	74	ug/l	10	28-JAN-02 17:26	ASP 95-1	01-193-1784
2-Hexanone	U	ug/l	10	28-JAN-02 17:26	ASP 95-1	01-193-1784
Dibromochloromethane	U	ug/l	10	28-JAN-02 17:26	ASP 95-1	01-193-1784
Chlorobenzene	U	ug/l	10	28-JAN-02 17:26	ASP 95-1	01-193-1784
Ethylbenzene	U	ug/l	10	28-JAN-02 17:26	ASP 95-1	01-193-1784
p-Xylene/m-Xylene	U	ug/l	10	28-JAN-02 17:26	ASP 95-1	01-193-1784
o-Xylene	U	ug/l	10	28-JAN-02 17:26	ASP 95-1	01-193-1784
Styrene	U	ug/l	10	28-JAN-02 17:26	ASP 95-1	01-193-1784
Bromoform	U	ug/l	10	28-JAN-02 17:26	ASP 95-1	01-193-1784
1,1,2,2-Tetrachloroethane	U	ug/l	10	28-JAN-02 17:26	ASP 95-1	01-193-1784

MS
3-27-02

QC 20R NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John O'Keefe
Lab Director

KEY: ND or U = None Detected; < = less than; ug/L = micrograms per liter (equivalent to parts per billion)
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FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date: 07-FEB-2002

Lab Sample ID: L82618-12

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: MW-10
Description: GRAB
Sampled On: 17-JAN-02 16:45 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Library Search Compounds:	Result	Units	Qual	Rention Time		
Library Search Compounds:	Result	Units	Qual	Rention Time		
1,2,3-trimethyl benzene	130	ug/l	~~NJ~~ R	22.32		
Unknown	200	ug/l	J	22.56		
2-ethyl-1,4-dimethyl benzene	340	ug/l	~~NJ~~ R	22.64		
1,2-diethyl benzene	29	ug/l	~~NJ~~	22.79		
1-methyl-2-propyl benzene	100	ug/l	~~NJ~~	22.88		
1-methyl-4-(1-methyl ethyl) benzene	260	ug/l	~~NJ~~	23.01		
1-methyl-3-(1-methyl ethyl) benzene	430	ug/l	~~NJ~~	23.11		
Unknown	120	ug/l	J	23.26		
Unknown	27	ug/l	J	23.34		
1-methyl-2-(1-methyl ethyl) benzene	170	ug/l	~~NJ~~ R	23.48		
1,2,4,5-tetramethyl benzene	260	ug/l	~~NJ~~	23.58		
1,2,3,4-tetramethyl benzene	490	ug/l	~~NJ~~	23.65		
Library Search Comment:12 library search compounds detected.						
Surrogate Recovery:						
1,2-Dichloroethane-d4	95	%				01-193-1784
Toluene-d8	102	%				01-193-1784
4-Bromofluorobenzene	95	%				01-193-1784

3-27-02

QC OK NY 10252 NJ 73168 PA 68180 EPA NY00033

Approved by: Lab Director

KEY: ND or U = None Detected; < = less than; ug/L = micrograms per liter (equivalent to parts per billion); mg/L = milligrams per liter (equivalent to parts per million); mg/kg = milligrams per kilogram (equivalent to parts per millior; B = analyte was detected in the method or trip blank; J = result estimated below the quantitation limit

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FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:14-FEB-2002

Lab Sample ID: L82618-17

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: MW-10
Description: GRAB
Sampled On: 23-JAN-02 12:02 by CLIENT
Date Received: 24-JAN-02 14:55
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
ASP 95-2						
Bis(2-chloroethylether)	U	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
Phenol	U	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
2-Chlorophenol	U	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
1,3-Dichlorobenzene	U	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
1,4-Dichlorobenzene	U	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
1,2-Dichlorobenzene	U	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
Bis(2-chloroisopropylether)	U	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
2-Methylphenol	U	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
Hexachloroethane	U	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
N-Nitrosodi-N-propylamine	U	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
4-Methylphenol	20	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
Nitrobenzene	U	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
Isophorone	U	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
2-Nitrophenol	U	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
2,4-Dimethylphenol	3 J	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
Bis(2-chloroethoxymethane)	U	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
2,4-Dichlorophenol	U	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
1,2,4-Trichlorobenzene	U	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
Naphthalene	55	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
4-Chloroaniline	U	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
Hexachlorobutadiene	U	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
4-Chloro-3-methylphenol	U	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
2-Methylnaphthalene	6 J	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
Hexachlorocyclopentadiene	U	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
2,4,6-Trichlorophenol	U	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
2,4,5-Trichlorophenol	U	ug/l	25	28-JAN-02 14:53	ASP 95-2	01-165-3745
2-Chloronaphthalene	U	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
2-Nitroaniline	U	ug/l	25	28-JAN-02 14:53	ASP 95-2	01-165-3745
Dimethyl phthalate	U	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
Acenaphthylene	U	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
2,6-Dinitrotoluene	U	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
3-Nitroaniline	U	ug/l	25	28-JAN-02 14:53	ASP 95-2	01-165-3745
Acenaphthene	U	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
2,4-Dinitrophenol	U	ug/l	25	28-JAN-02 14:53	ASP 95-2	01-165-3745
Dibenzofuran	U	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
2,4-Dinitrotoluene	U	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
4-Nitrophenol	U	ug/l	25	28-JAN-02 14:53	ASP 95-2	01-165-3745
Diethyl phthalate	5 J	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
Fluorene	U	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
4-Chlorophenylphenylether	U	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745

)C lab NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John A Kent
Lab Director

:EY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
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FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:14-FEB-2002

Lab Sample ID: L82618-17

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: MW-10
Description: GRAB
Sampled On: 23-JAN-02 12:02 by CLIENT
Date Received: 24-JAN-02 14:55
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
4-Nitroaniline	U	ug/l	25	28-JAN-02 14:53	ASP 95-2	01-165-3745
2-Methyl-4,6-dinitrophenol	U	ug/l	25	28-JAN-02 14:53	ASP 95-2	01-165-3745
N-Nitrosodiphenylamine	U	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
4-Bromophenylphenylether	U	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
Hexachlorobenzene	U	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
Pentachlorophenol	U	ug/l	25	28-JAN-02 14:53	ASP 95-2	01-165-3745
Phenanthrene	U	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
Anthracene	U	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
Carbazole	U	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
Di-n-butyl phthalate	12	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
Fluoranthene	U	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
Pyrene	U	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
Butylbenzyl phthalate	3 J	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
Benzo(a)anthracene	U	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
3,3-Dichlorobenzidine	U	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
Chrysene	U	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
Bis-2-ethylhexyl phthalate	22	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
Di-n-octyl phthalate	3 J	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
Benzo(b)fluoranthene	U J	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
Benzo(k)fluoranthene	U	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
Benzo(a)pyrene	U	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
Indeno(1,2,3-cd)pyrene	U	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
Dibenzo(a,h)anthracene	U	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
Benzo(g,h,i)perylene	U	ug/l	10	28-JAN-02 14:53	ASP 95-2	01-165-3745
Extraction Information:				25-JAN-02 00:00		01-133-68

Library Search Compounds:	Result	Units	Qual	Rention Time
1,2,4-Trimethyl benzene	93	ug/l	NJ R	9.86
1,2-diethyl Benzene	69	ug/l	NJ R	10.57
1-methyl-3-propyl Benzene	49	ug/l	NJ R	10.64
Unknown	49	ug/l	J	10.75
1-ethyl-2,3-dimethyl Benzene	120	ug/l	NJ R	10.83

MS
3-27-02

)C Oak NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

EY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
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B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

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FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:14-FEB-2002

Lab Sample ID: L82618-17

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: MW-10
Description: GRAB
Sampled On: 23-JAN-02 12:02 by CLIENT
Date Received: 24-JAN-02 14:55
P.O. No: N/A

Analysis Performed	Result		Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Library Search Compounds:	Result		Units	Qual	Rention Time		
1-methyl-4-propyl Benzene	76		ug/l	NJ R	10.99		
1-methyl-3-(1-methylethyl) Benzene	34		ug/l	NJ R	11.31		
Unknown	270		ug/l	J	11.5		
1-methyl-2-(1-methylethyl) Benzene	110		ug/l	NJ R	11.93		
1,2,4,5-tetramethyl Benzene	170		ug/l	NJ R	12.22		
Unknown	38		ug/l	J	12.28		
(1,1-dimethylpropyl) Benzene	24		ug/l	NJ R	12.62		
2,4-diethyl-1-methyl Benzene	47		ug/l	NJ R	12.77		
Unknown	53		ug/l	J	12.85		
(E)-(1-methyl-1-propenyl) Benzene	110		ug/l	NJ R	12.92		
1-ethyl-3,5-dimethyl Benzene	120		ug/l	NJ R	12.98		
1,4-diethyl-2-methyl Benzene	42		ug/l	NJ R	13.16		
Unknown	34		ug/l	J	13.45		
pentamethyl Benzene	60		ug/l	NJ R	13.92		
1,3-dimethyl-5-(1-methylethyl) Benzene	34		ug/l	NJ R	14.14		
Unknown	28		ug/l	J	14.72		
Unknown	80		ug/l	J	15.34		
Unknown	36		ug/l	J	16.18		
1-(3,4-dimethylphenyl) Ethanone	60		ug/l	NJ R	16.41		
Unknown	55		ug/l	J	22.45		
Unknown	28		ug/l	J	29.23		
Unknown	190		ug/l	J	31.27		
Undecane	86		ug/l	NJ R	11.84		
Unknown straight chain Alkane	47		ug/l	J	13.95		
Eicosane	31		ug/l	NJ R	29.93		
Library Search Comment:30 library search compounds detected.							
Surrogate Recovery:							
2-Fluorophenol	80		%				01-165-3745
Phenol-d5	86		%				01-165-3745
2-Chlorophenol-d4	93		%				01-165-3745
1,2-Dichlorobenzene-d4	65		%				01-165-3745
Nitrobenzene-d5	70		%				01-165-3745
2-Fluorobiphenyl	28	*	%				01-165-3745
2,4,6-Tribromophenol	27		%				01-165-3745
Terphenyl-d14	65		%				01-165-3745
Analysis Comment:Int std 3 above limit. Int std 5,6 below limit. * - Surrogate recovery below limit. Confirm file # B3751.							

3-27-02

QC eak NY 10252 NJ 73168 PA 68180 EPA NY 00033 Approved by: Lab Director

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ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:14-FEB-2002

Lab Sample ID: L82618-13

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: MW-9
Description: GRAB
Sampled On: 17-JAN-02 16:25 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
ASP 95-1						
Chloromethane	U J	ug/l	200	23-JAN-02 16:39	ASP 95-1	01-193-1734
Bromomethane	U	ug/l	200	23-JAN-02 16:39	ASP 95-1	01-193-1734
Vinyl chloride	U	ug/l	200	23-JAN-02 16:39	ASP 95-1	01-193-1734
Chloroethane	U	ug/l	200	23-JAN-02 16:39	ASP 95-1	01-193-1734
Methylene chloride	U	ug/l	200	23-JAN-02 16:39	ASP 95-1	01-193-1734
Acetone	200 110 & UJ	ug/l	200	23-JAN-02 16:39	ASP 95-1	01-193-1734
Carbon disulfide	U	ug/l	200	23-JAN-02 16:39	ASP 95-1	01-193-1734
1,1-Dichloroethene	U	ug/l	200	23-JAN-02 16:39	ASP 95-1	01-193-1734
trans-1,2-Dichloroethene	U	ug/l	200	23-JAN-02 16:39	ASP 95-1	01-193-1734
1,1-Dichloroethane	U	ug/l	200	23-JAN-02 16:39	ASP 95-1	01-193-1734
cis-1,2-Dichloroethene	U	ug/l	200	23-JAN-02 16:39	ASP 95-1	01-193-1734
MEK(2-Butanone)	U J	ug/l	200	23-JAN-02 16:39	ASP 95-1	01-193-1734
Chloroform	U	ug/l	200	23-JAN-02 16:39	ASP 95-1	01-193-1734
1,1,1-Trichloroethane	U	ug/l	200	23-JAN-02 16:39	ASP 95-1	01-193-1734
Carbon tetrachloride	U	ug/l	200	23-JAN-02 16:39	ASP 95-1	01-193-1734
Benzene	U	ug/l	200	23-JAN-02 16:39	ASP 95-1	01-193-1734
1,2-Dichloroethane	U	ug/l	200	23-JAN-02 16:39	ASP 95-1	01-193-1734
Trichloroethene	U	ug/l	200	23-JAN-02 16:39	ASP 95-1	01-193-1734
1,2-Dichloropropane	U	ug/l	200	23-JAN-02 16:39	ASP 95-1	01-193-1734
Bromodichloromethane	U	ug/l	200	23-JAN-02 16:39	ASP 95-1	01-193-1734
cis-1,3-Dichloropropene	U	ug/l	200	23-JAN-02 16:39	ASP 95-1	01-193-1734
MIBK(4-Methyl-2-pentanone)	U	ug/l	200	23-JAN-02 16:39	ASP 95-1	01-193-1734
Toluene	U	ug/l	200	23-JAN-02 16:39	ASP 95-1	01-193-1734
trans-1,3-Dichloropropene	U	ug/l	200	23-JAN-02 16:39	ASP 95-1	01-193-1734
1,1,2-Trichloroethane	U	ug/l	200	23-JAN-02 16:39	ASP 95-1	01-193-1734
Tetrachloroethene	280	ug/l	200	23-JAN-02 16:39	ASP 95-1	01-193-1734
2-Hexanone	U J	ug/l	200	23-JAN-02 16:39	ASP 95-1	01-193-1734
Dibromochloromethane	U	ug/l	200	23-JAN-02 16:39	ASP 95-1	01-193-1734
Chlorobenzene	U	ug/l	200	23-JAN-02 16:39	ASP 95-1	01-193-1734
Ethylbenzene	U	ug/l	200	23-JAN-02 16:39	ASP 95-1	01-193-1734
p-Xylene/m-Xylene	U	ug/l	200	23-JAN-02 16:39	ASP 95-1	01-193-1734
o-Xylene	U	ug/l	200	23-JAN-02 16:39	ASP 95-1	01-193-1734
Styrene	U	ug/l	200	23-JAN-02 16:39	ASP 95-1	01-193-1734
Bromoform	U	ug/l	200	23-JAN-02 16:39	ASP 95-1	01-193-1734
1,1,2,2-Tetrachloroethane	U	ug/l	200	23-JAN-02 16:39	ASP 95-1	01-193-1734

3-27-02

QC_cal NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

KEY: ND or U = None Detected; < = less than; ug/L = micrograms per liter (equivalent to parts per billion); mg/L = milligrams per liter (equivalent to parts per million); mg/kg = milligrams per kilogram (equivalent to parts per million); B = analyte was detected in the method or trip blank; J = result estimated below the quantitation limit

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FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:14-FEB-2002

Lab Sample ID: L82618-13

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: MW-9
Description: GRAB
Sampled On: 17-JAN-02 16:25 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Library Search Compounds:	Result	Units	Qual	Rention Time		
Library Search Compounds:	Result	Units	Qual	Rention Time		
Unknown hydrocarbon	490	ug/l	J	21.12		
Unknown hydrocarbon	840	ug/l	J	22.08		
1,2,3-Trimethylbenzene	930	ug/l	~~NJ~~ R	22.33		
1-methyl-3-propylbenzene	3100	ug/l	~~NJ~~	22.57		
1-methyl-4-(1-methylethyl)benzene	4500	ug/l	~~NJ~~	22.65		
1-methyl-2-propylbenzene	1400	ug/l	~~NJ~~	22.89		
1-methyl-3-(1-methylethyl)benzene	1900	ug/l	~~NJ~~	23.03		
1-methyl-2-(1-methylethyl)benzene	5400	ug/l	~~NJ~~	23.12		
Unknown	1800	ug/l	J	23.27		
Unknown	550	ug/l	J	23.36		
4-ethyl-1,2-dimethylbenzene	2300	ug/l	~~NJ~~ R	23.49		
1,2,4,5-tetramethylbenzene	3000	ug/l	~~NJ~~	23.59		
1-ethyl-2,4-dimethylbenzene	1200	ug/l	~~NJ~~	23.65		
1-ethyl-2,4,5-trimethylbenzene	5000	ug/l	~~NJ~~	23.73		

Library Search Comment:14 library search compounds detected.

DMS 3-27-02

Surrogate Recovery:						
1,2-Dichloroethane-d4	106	%				01-193-1734
Toluene-d8	99	%				01-193-1734
4-Bromofluorobenzene	101	%				01-193-1734

Analysis Comment:Detection limit was elevated due to sample foaming.

)C lab NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

EY:					
	ND or U	= None Detected	< = less than	ug/L	= micrograms per liter (equivalent to parts per billion)
	mg/L	= milligrams per liter (equivalent to parts per million)		mg/kg	= milligrams per kilogram (equivalent to parts per million)
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ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date: 08-FEB-2002

Lab Sample ID: L82618-16

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: MW-9
Description: GRAB
Sampled On: 23-JAN-02 11:20 by CLIENT
Date Received: 24-JAN-02 14:55
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
ASP 95-2						
Bis(2-chloroethylether)	U	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
Phenol	84	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
2-Chlorophenol	U	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
1,3-Dichlorobenzene	U	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
1,4-Dichlorobenzene	U	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
1,2-Dichlorobenzene	U	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
Bis(2-chloroisopropylether)	U	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
2-Methylphenol	U	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
Hexachloroethane	U	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
N-Nitrosodi-N-propylamine	U	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
4-Methylphenol	100	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
Nitrobenzene	U	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
Isophorone	U	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
2-Nitrophenol	U	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
2,4-Dimethylphenol	U	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
Bis(2-chloroethoxymethane)	U	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
2,4-Dichlorophenol	U	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
1,2,4-Trichlorobenzene	U	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
Naphthalene	170	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
4-Chloroaniline	U	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
Hexachlorobutadiene	U	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
4-Chloro-3-methylphenol	U	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
2-Methylnaphthalene	27 J	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
Hexachlorocyclopentadiene	U	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
2,4,6-Trichlorophenol	U	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
2,4,5-Trichlorophenol	U	ug/l	75	30-JAN-02 10:14	ASP 95-2	01-165-3752
2-Chloronaphthalene	U	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
2-Nitroaniline	U	ug/l	75	30-JAN-02 10:14	ASP 95-2	01-165-3752
Dimethyl phthalate	U	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
Acenaphthylene	U	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
2,6-Dinitrotoluene	U	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
3-Nitroaniline	U	ug/l	75	30-JAN-02 10:14	ASP 95-2	01-165-3752
Acenaphthene	U	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
2,4-Dinitrophenol	U	ug/l	75	30-JAN-02 10:14	ASP 95-2	01-165-3752
Dibenzofuran	U	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
2,4-Dinitrotoluene	U	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
4-Nitrophenol	U	ug/l	75	30-JAN-02 10:14	ASP 95-2	01-165-3752
Diethyl phthalate	U	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
Fluorene	U	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
4-Chlorophenylphenylether	U	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752

QC cal NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John R. Kent
Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per millior
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ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:08-FEB-2002

Lab Sample ID: L82618-16

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: MW-9
Description: GRAB
Sampled On: 23-JAN-02 11:20 by CLIENT
Date Received: 24-JAN-02 14:55
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
4-Nitroaniline	U	ug/l	75	30-JAN-02 10:14	ASP 95-2	01-165-3752
2-Methyl-4,6-dinitrophenol	U	ug/l	75	30-JAN-02 10:14	ASP 95-2	01-165-3752
N-Nitrosodiphenylamine	U	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
4-Bromophenylphenylether	U	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
Hexachlorobenzene	U	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
Pentachlorophenol	U	ug/l	75	30-JAN-02 10:14	ASP 95-2	01-165-3752
Phenanthrene	4 J	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
Anthracene	U	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
Carbazole	U	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
Di-n-butyl phthalate	94	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
Fluoranthene	13 J	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
Pyrene	24 J	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
Butylbenzyl phthalate	28 J	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
Benzo(a)anthracene	U J	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
3,3-Dichlorobenzidine	U J	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
Chrysene	8 J	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
Bis-2-ethylhexyl phthalate	110 J	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
Di-n-octyl phthalate	19 J	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
Benzo(b)fluoranthene	9 J	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
Benzo(k)fluoranthene	3 J	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
Benzo(a)pyrene	U J	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
Indeno(1,2,3-cd)pyrene	4 J	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
Dibenzo(a,h)anthracene	U J	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
Benzo(g,h,i)perylene	U J	ug/l	30	30-JAN-02 10:14	ASP 95-2	01-165-3752
Extraction Information:				25-JAN-02 00:00		01-133-68

Library Search Compounds:	Result	Units	Qual	Rention Time
1,2,4-Trimethylbenzene	60	ug/l	ND R	9.92
1,3-diethylBenzene	490	ug/l	ND	10.91
1-methyl-2-(1-methylethyl)Benzene	440	ug/l	ND	11.64
1,2,4,5-tetramethylBenzene	490	ug/l	ND	12.5
Unknown	110	ug/l	J	12.58

JMS
3-27-02

QC par NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John A. Kent
Lab Director

KEY: ND or U = None Detected; < = less than; ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million); mg/kg = milligrams per kilogram (equivalent to parts per millior
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ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:08-FEB-2002

Lab Sample ID: L82618-16

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: MW-9
Description: GRAB
Sampled On: 23-JAN-02 11:20 by CLIENT
Date Received: 24-JAN-02 14:55
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Library Search Compounds:	**Result**	**Units**	**Qual**	**Rention Time**		
1-methyl-2-(2-propenyl)Benzene	190	ug/l	~~NJ~~ R	12.87		
Unknown	120	ug/l	J	13.28		
Unknown	45	ug/l	J	13.36		
Unknown	50	ug/l	J	13.46		
(1,1-dimethylpropyl)Benzene	120	ug/l	~~NJ~~ R	13.65		
2,4-dimethyl-1-(1-methylethyl)Benzene	190	ug/l	~~NJ~~ R	14.1		
Unknown	56	ug/l	J	14.14		
pentamethylBenzene	96	ug/l	~~NJ~~ R	14.3		
4-tertButylbenzene	25	ug/l	~~NJ~~ R	14.42		
Unknown	58	ug/l	J	14.75		
2,3-dihydro-4,7-dimethyl-1H-Indene	40	ug/l	~~NJ~~ R	15.06		
Unknown	33	ug/l	J	15.39		
Unknown	72	ug/l	J	15.63		
Unknown	20	ug/l	J	17.11		
Unknown	33	ug/l	J	17.49		
Unknown	20	ug/l	J	17.87		
Unknown	60	ug/l	J	18.77		
Unknown	60	ug/l	J	22.08		
nonyl-Phenol	60	ug/l	~~NJ~~ R	22.77		
Unknown	98	ug/l	J	26.18		
Unknown	60	ug/l	J	38.39		

Library Search Comment:26 library search compounds detected.

MS 3-22-02

Surrogate Recovery:						
2-Fluorophenol	99	%				01-165-3752
Phenol-d5	110	%				01-165-3752
2-Chlorophenol-d4	104	%				01-165-3752
1,2-Dichlorobenzene-d4	70	%				01-165-3752
Nitrobenzene-d5	80	%				01-165-3752
2-Fluorobiphenyl	48	%				01-165-3752
2,4,6-Tribromophenol	58	%				01-165-3752
Terphenyl-d14	111	%				01-165-3752

Analysis Comment:Int std 5,6 below limit, confirm file # B3746.

QC real NY 10252 NJ 73168 PA 68180 EPA NY 00033 Approved by: Lab Director

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mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
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ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date: 07-FEB-2002

Lab Sample ID: L82618-14

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: DVPA
Description: GRAB
Sampled On: 17-JAN-02 16:30 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
ASP 95-1						
Chloromethane	U J	ug/l	10	28-JAN-02 18:00	ASP 95-1	01-193-1785
Bromomethane	U	ug/l	10	28-JAN-02 18:00	ASP 95-1	01-193-1785
Vinyl chloride	U	ug/l	10	28-JAN-02 18:00	ASP 95-1	01-193-1785
Chloroethane	U	ug/l	10	28-JAN-02 18:00	ASP 95-1	01-193-1785
Methylene chloride	10 5 JB UJ	ug/l	10	28-JAN-02 18:00	ASP 95-1	01-193-1785
Acetone	U J	ug/l	10	28-JAN-02 18:00	ASP 95-1	01-193-1785
Carbon disulfide	U	ug/l	10	28-JAN-02 18:00	ASP 95-1	01-193-1785
1,1-Dichloroethene	U	ug/l	10	28-JAN-02 18:00	ASP 95-1	01-193-1785
trans-1,2-Dichloroethene	U	ug/l	10	28-JAN-02 18:00	ASP 95-1	01-193-1785
1,1-Dichloroethane	2 J	ug/l	10	28-JAN-02 18:00	ASP 95-1	01-193-1785
cis-1,2-Dichloroethene	12 J	ug/l	10	28-JAN-02 18:00	ASP 95-1	01-193-1785
MEK(2-Butanone)	U J	ug/l	10	28-JAN-02 18:00	ASP 95-1	01-193-1785
Chloroform	U	ug/l	10	28-JAN-02 18:00	ASP 95-1	01-193-1785
1,1,1-Trichloroethane	U	ug/l	10	28-JAN-02 18:00	ASP 95-1	01-193-1785
Carbon tetrachloride	U	ug/l	10	28-JAN-02 18:00	ASP 95-1	01-193-1785
Benzene	U	ug/l	10	28-JAN-02 18:00	ASP 95-1	01-193-1785
1,2-Dichloroethane	U	ug/l	10	28-JAN-02 18:00	ASP 95-1	01-193-1785
Trichloroethene	U	ug/l	10	28-JAN-02 18:00	ASP 95-1	01-193-1785
1,2-Dichloropropane	U	ug/l	10	28-JAN-02 18:00	ASP 95-1	01-193-1785
Bromodichloromethane	U	ug/l	10	28-JAN-02 18:00	ASP 95-1	01-193-1785
cis-1,3-Dichloropropene	U	ug/l	10	28-JAN-02 18:00	ASP 95-1	01-193-1785
MIBK(4-Methyl-2-pentanone)	U	ug/l	10	28-JAN-02 18:00	ASP 95-1	01-193-1785
Toluene	U	ug/l	10	28-JAN-02 18:00	ASP 95-1	01-193-1785
trans-1,3-Dichloropropene	U	ug/l	10	28-JAN-02 18:00	ASP 95-1	01-193-1785
1,1,2-Trichloroethane	U	ug/l	10	28-JAN-02 18:00	ASP 95-1	01-193-1785
Tetrachloroethene	U	ug/l	10	28-JAN-02 18:00	ASP 95-1	01-193-1785
2-Hexanone	U	ug/l	10	28-JAN-02 18:00	ASP 95-1	01-193-1785
Dibromochloromethane	U	ug/l	10	28-JAN-02 18:00	ASP 95-1	01-193-1785
Chlorobenzene	U	ug/l	10	28-JAN-02 18:00	ASP 95-1	01-193-1785
Ethylbenzene	U	ug/l	10	28-JAN-02 18:00	ASP 95-1	01-193-1785
p-Xylene/m-Xylene	U	ug/l	10	28-JAN-02 18:00	ASP 95-1	01-193-1785
o-Xylene	U	ug/l	10	28-JAN-02 18:00	ASP 95-1	01-193-1785
Styrene	U	ug/l	10	28-JAN-02 18:00	ASP 95-1	01-193-1785
Bromoform	U	ug/l	10	28-JAN-02 18:00	ASP 95-1	01-193-1785
1,1,2,2-Tetrachloroethane	U	ug/l	10	28-JAN-02 18:00	ASP 95-1	01-193-1785

MS
3-27-02

QC cak NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John D. Kent
Lab Director

KEY: ND or U = None Detected; < = less than; ug/L = micrograms per liter (equivalent to parts per billion)
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ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date: 07-FEB-2002

Lab Sample ID: L82618-14

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: DVPA
Description: GRAB
Sampled On: 17-JAN-02 16:30 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Library Search Compounds:	Result	Units	Qual	Rention Time		
Library Search Compounds:	Result	Units	Qual	Rention Time		
1-propenyl benzene	44	ug/l	~~Nd~~ R	22.58		
1-methyl-3-(1-methyl ethyl) benzene	31	ug/l	~~Nd~~ R	23.02		
2-ethyl-1,3-dimethyl benzene	37	ug/l	~~Nd~~ R	23.11		
Unknown	9	ug/l	J	23.27		
4-ethyl-1,2-dimethyl benzene	8	ug/l	~~Nd~~ R	23.48		
1,2,3,4-tetramethyl benzene	21	ug/l	~~Nd~~ R	23.59		
Unknown	37	ug/l	J	23.65		
Library Search Comment: Seven library search compounds detected.						
Surrogate Recovery:						
1,2-Dichloroethane-d4	83	%			DMS 3-27-02	01-193-1785
Toluene-d8	97	%				01-193-1785
4-Bromofluorobenzene	85	%				01-193-1785
ASP 95-2						
Bis(2-chloroethylether)	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
Phenol	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
2-Chlorophenol	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
1,3-Dichlorobenzene	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
1,4-Dichlorobenzene	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
1,2-Dichlorobenzene	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
Bis(2-chloroisopropylether)	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
2-Methylphenol	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
Hexachloroethane	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
N-Nitrosodi-N-propylamine	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
4-Methylphenol	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
Nitrobenzene	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
Isophorone	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
2-Nitrophenol	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
2,4-Dimethylphenol	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
Bis(2-chloroethoxymethane)	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
2,4-Dichlorophenol	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
1,2,4-Trichlorobenzene	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
Naphthalene	11	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
4-Chloroaniline	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
Hexachlorobutadiene	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
4-Chloro-3-methylphenol	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730

QC CAR NY 10252 NJ 73168 PA 68180 EPA NY00033

Approved by: [signature] Lab Director

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ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date: 07-FEB-2002

Lab Sample ID: L82618-14

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: DVPA
Description: GRAB
Sampled On: 17-JAN-02 16:30 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
2-Methylnaphthalene	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
Hexachlorocyclopentadiene	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
2,4,6-Trichlorophenol	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
2,4,5-Trichlorophenol	U	ug/l	25	24-JAN-02 14:02	ASP 95-2	01-165-3730
2-Chloronaphthalene	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
2-Nitroaniline	U	ug/l	25	24-JAN-02 14:02	ASP 95-2	01-165-3730
Dimethyl phthalate	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
Acenaphthylene	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
2,6-Dinitrotoluene	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
3-Nitroaniline	U	ug/l	25	24-JAN-02 14:02	ASP 95-2	01-165-3730
Acenaphthene	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
2,4-Dinitrophenol	U	ug/l	25	24-JAN-02 14:02	ASP 95-2	01-165-3730
Dibenzofuran	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
2,4-Dinitrotoluene	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
4-Nitrophenol	U	ug/l	25	24-JAN-02 14:02	ASP 95-2	01-165-3730
Diethyl phthalate	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
Fluorene	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
4-Chlorophenylphenylether	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
4-Nitroaniline	U	ug/l	25	24-JAN-02 14:02	ASP 95-2	01-165-3730
2-Methyl-4,6-dinitrophenol	U	ug/l	25	24-JAN-02 14:02	ASP 95-2	01-165-3730
N-Nitrosodiphenylamine	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
4-Bromophenylphenylether	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
Hexachlorobenzene	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
Pentachlorophenol	U	ug/l	25	24-JAN-02 14:02	ASP 95-2	01-165-3730
Phenanthrene	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
Anthracene	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
Carbazole	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
Di-n-butyl phthalate	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
Fluoranthene	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
Pyrene	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
Butylbenzyl phthalate	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
Benzo(a)anthracene	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
3,3-Dichlorobenzidine	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
Chrysene	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
Bis-2-ethylhexyl phthalate	10 JB U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
Di-n-octyl phthalate	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
Benzo(b)fluoranthene	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
Benzo(k)fluoranthene	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
Benzo(a)pyrene	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
Indeno(1,2,3-cd)pyrene	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
Dibenzo(a,h)anthracene	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730
Benzo(g,h,i)perylene	U	ug/l	10	24-JAN-02 14:02	ASP 95-2	01-165-3730

MS
2-27-02

QC cal NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John A. Kent
Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per millio
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FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:07-FEB-2002

Lab Sample ID: L82618-14

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: DVPA
Description: GRAB
Sampled On: 17-JAN-02 16:30 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Extraction Information:				23-JAN-02 00:00		01-133-64

Library Search Compounds:	Result	Units	Qual	Rention Time
Unknown PAH	6	ug/l	J	10.33
2-ethyl-1,4-dimethyl Benzene	10	ug/l	~~NJ~~ R	11.37
1-methyl-2-(1-methylethyl) Benzene	12	ug/l	~~NJ~~	11.42
1-methyl-4-(1-methylethyl) Benzene	19	ug/l	~~NJ~~	11.57
1,2,4,5-tetramethyl Benzene	18	ug/l	~~NJ~~	12.29
Unknown Aromatic	21	ug/l	J	12.38
2,3-Dihydro-1-methylindene	5	ug/l	~~NJ~~ R	12.81
Unknown	14	ug/l	J	13.01
1-methyl-3-(1-methyethyl) Benzene	10	ug/l	~~NJ~~ R	13.06
1-(3,4-dimethylphenyl) Ethanone	7	ug/l	~~NJ~~ R	16.44
Unknown	8	ug/l	J	20.25
Unknown	7	ug/l	J	20.91
4-(1,1,3,3-tetramethylbutyl)Phenol	7	ug/l	~~NJ~~ R	21.23
Unknown Phenol	8	ug/l	J	22.12
Unknown Phenol	4	ug/l	J	22.88
Hexadecanoic Acid	3	ug/l	~~NJB~~ R	26.11
Sulfur	4	ug/l	~~NJ~~ R	27.51
Unknown	6	ug/l	~~JB~~ R	35.27

Library Search Comment:18 library search compounds detected.

DMS 3-27-02

Surrogate Recovery:			
2-Fluorophenol	86	%	01-165-3730
Phenol-d5	78	%	01-165-3730
2-Chlorophenol-d4	94	%	01-165-3730
1,2-Dichlorobenzene-d4	72	%	01-165-3730
Nitrobenzene-d5	76	%	01-165-3730
2-Fluorobiphenyl	73	%	01-165-3730
2,4,6-Tribromophenol	95	%	01-165-3730
Terphenyl-d14	42	%	01-165-3730

QC jak NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John O'Keefe
Lab Director

KEY: ND or U = None Detected; < = less than; ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million); mg/kg = milligrams per kilogram (equivalent to parts per millior
B = analyte was detected in the method or trip blank; J = result estimated below the quantitation limit

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FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:07-FEB-2002

Lab Sample ID: L82618-11

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: RINSE BLANK
Description: GRAB
Sampled On: 17-JAN-02 15:20 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
ASP 95-1						
Chloromethane	U	ug/l	10	28-JAN-02 16:52	ASP 95-1	01-193-1783
Bromomethane	U	ug/l	10	28-JAN-02 16:52	ASP 95-1	01-193-1783
Vinyl chloride	U	ug/l	10	28-JAN-02 16:52	ASP 95-1	01-193-1783
Chloroethane	U	ug/l	10	28-JAN-02 16:52	ASP 95-1	01-193-1783
Methylene chloride	6 JB	ug/l	10	28-JAN-02 16:52	ASP 95-1	01-193-1783
Acetone	U	ug/l	10	28-JAN-02 16:52	ASP 95-1	01-193-1783
Carbon disulfide	U	ug/l	10	28-JAN-02 16:52	ASP 95-1	01-193-1783
1,1-Dichloroethene	U	ug/l	10	28-JAN-02 16:52	ASP 95-1	01-193-1783
trans-1,2-Dichloroethene	U	ug/l	10	28-JAN-02 16:52	ASP 95-1	01-193-1783
1,1-Dichloroethane	U	ug/l	10	28-JAN-02 16:52	ASP 95-1	01-193-1783
cis-1,2-Dichloroethene	U	ug/l	10	28-JAN-02 16:52	ASP 95-1	01-193-1783
MEK(2-Butanone)	U	ug/l	10	28-JAN-02 16:52	ASP 95-1	01-193-1783
Chloroform	U	ug/l	10	28-JAN-02 16:52	ASP 95-1	01-193-1783
1,1,1-Trichloroethane	U	ug/l	10	28-JAN-02 16:52	ASP 95-1	01-193-1783
Carbon tetrachloride	U	ug/l	10	28-JAN-02 16:52	ASP 95-1	01-193-1783
Benzene	U	ug/l	10	28-JAN-02 16:52	ASP 95-1	01-193-1783
1,2-Dichloroethane	U	ug/l	10	28-JAN-02 16:52	ASP 95-1	01-193-1783
Trichloroethene	U	ug/l	10	28-JAN-02 16:52	ASP 95-1	01-193-1783
1,2-Dichloropropane	U	ug/l	10	28-JAN-02 16:52	ASP 95-1	01-193-1783
Bromodichloromethane	U	ug/l	10	28-JAN-02 16:52	ASP 95-1	01-193-1783
cis-1,3-Dichloropropene	U	ug/l	10	28-JAN-02 16:52	ASP 95-1	01-193-1783
MIBK(4-Methyl-2-pentanone)	U	ug/l	10	28-JAN-02 16:52	ASP 95-1	01-193-1783
Toluene	U	ug/l	10	28-JAN-02 16:52	ASP 95-1	01-193-1783
trans-1,3-Dichloropropene	U	ug/l	10	28-JAN-02 16:52	ASP 95-1	01-193-1783
1,1,2-Trichloroethane	U	ug/l	10	28-JAN-02 16:52	ASP 95-1	01-193-1783
Tetrachloroethene	U	ug/l	10	28-JAN-02 16:52	ASP 95-1	01-193-1783
2-Hexanone	U	ug/l	10	28-JAN-02 16:52	ASP 95-1	01-193-1783
Dibromochloromethane	U	ug/l	10	28-JAN-02 16:52	ASP 95-1	01-193-1783
Chlorobenzene	U	ug/l	10	28-JAN-02 16:52	ASP 95-1	01-193-1783
Ethylbenzene	U	ug/l	10	28-JAN-02 16:52	ASP 95-1	01-193-1783
p-Xylene/m-Xylene	U	ug/l	10	28-JAN-02 16:52	ASP 95-1	01-193-1783
o-Xylene	U	ug/l	10	28-JAN-02 16:52	ASP 95-1	01-193-1783
Styrene	U	ug/l	10	28-JAN-02 16:52	ASP 95-1	01-193-1783
Bromoform	U	ug/l	10	28-JAN-02 16:52	ASP 95-1	01-193-1783
1,1,2,2-Tetrachloroethane	U	ug/l	10	28-JAN-02 16:52	ASP 95-1	01-193-1783

QC ack NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John Kent
Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per millior
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FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date: 07-FEB-2002

Lab Sample ID: L82618-11

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: RINSE BLANK
Description: GRAB
Sampled On: 17-JAN-02 15:20 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Library Search Compounds:	Result	Units	Qual	Rention Time		
Library Search Compounds:	Result	Units	Qual	Rention Time		
Hexane	8	ug/l	NJ	8.72		
Library Search Comment:One library search compound detected.						
Surrogate Recovery:						
1,2-Dichloroethane-d4	95	%				01-193-1783
Toluene-d8	102	%				01-193-1783
4-Bromofluorobenzene	95	%				01-193-1783
ASP 95-2						
Bis(2-chloroethylether)	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
Phenol	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
2-Chlorophenol	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
1,3-Dichlorobenzene	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
1,4-Dichlorobenzene	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
1,2-Dichlorobenzene	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
Bis(2-chloroisopropylether)	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
2-Methylphenol	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
Hexachloroethane	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
N-Nitrosodi-N-propylamine	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
4-Methylphenol	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
Nitrobenzene	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
Isophorone	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
2-Nitrophenol	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
2,4-Dimethylphenol	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
Bis(2-chloroethoxymethane)	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
2,4-Dichlorophenol	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
1,2,4-Trichlorobenzene	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
Naphthalene	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
4-Chloroaniline	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
Hexachlorobutadiene	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
4-Chloro-3-methylphenol	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
2-Methylnaphthalene	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
Hexachlorocyclopentadiene	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
2,4,6-Trichlorophenol	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
2,4,5-Trichlorophenol	U	ug/l	25	24-JAN-02 13:08	ASP 95-2	01-165-3729
2-Chloronaphthalene	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
2-Nitroaniline	U	ug/l	25	24-JAN-02 13:08	ASP 95-2	01-165-3729

QC cak NY 10252 NJ 73168 PA 68180 EPA NY00033

Approved by: John A. Kent
Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
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FLI FRIEND LABORATORY INC

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:07-FEB-2002

Lab Sample ID: L82618-11

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: RINSE BLANK
Description: GRAB
Sampled On: 17-JAN-02 15:20 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Dimethyl phthalate	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
Acenaphthylene	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
2,6-Dinitrotoluene	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
3-Nitroaniline	U	ug/l	25	24-JAN-02 13:08	ASP 95-2	01-165-3729
Acenaphthene	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
2,4-Dinitrophenol	U	ug/l	25	24-JAN-02 13:08	ASP 95-2	01-165-3729
Dibenzofuran	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
2,4-Dinitrotoluene	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
4-Nitrophenol	U	ug/l	25	24-JAN-02 13:08	ASP 95-2	01-165-3729
Diethyl phthalate	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
Fluorene	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
4-Chlorophenylphenylether	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
4-Nitroaniline	U	ug/l	25	24-JAN-02 13:08	ASP 95-2	01-165-3729
2-Methyl-4,6-dinitrophenol	U	ug/l	25	24-JAN-02 13:08	ASP 95-2	01-165-3729
N-Nitrosodiphenylamine	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
4-Bromophenylphenylether	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
Hexachlorobenzene	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
Pentachlorophenol	U	ug/l	25	24-JAN-02 13:08	ASP 95-2	01-165-3729
Phenanthrene	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
Anthracene	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
Carbazole	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
Di-n-butyl phthalate	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
Fluoranthene	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
Pyrene	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
Butylbenzyl phthalate	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
Benzo(a)anthracene	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
3,3-Dichlorobenzidine	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
Chrysene	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
Bis-2-ethylhexyl phthalate	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
Di-n-octyl phthalate	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
Benzo(b)fluoranthene	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
Benzo(k)fluoranthene	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
Benzo(a)pyrene	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
Indeno(1,2,3-cd)pyrene	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
Dibenzo(a,h)anthracene	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729
Benzo(g,h,i)perylene	U	ug/l	10	24-JAN-02 13:08	ASP 95-2	01-165-3729

QC ___ NY 10252 NJ 73168 PA 68180 EPA NY 00033 *Approved by:* ___ *Lab Director*

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per millior
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

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"Our family, caring about your analytical needs ... Since 1963."

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FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:07-FEB-2002

Lab Sample ID: L82618-11

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: RINSE BLANK
Description: GRAB
Sampled On: 17-JAN-02 15:20 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Extraction Information:				23-JAN-02 00:00		01-133-64

Library Search Compounds:	Result	Units	Qual	Rention Time
Hexadecanoic Acid	5	ug/l	NJB	26.11
Sulfur	23	ug/l	NJ	27.58
Unknown	10	ug/l	JB	35.27

Library Search Comment:Three library search compounds detected.

Surrogate Recovery:			
2-Fluorophenol	89	%	01-165-3729
Phenol-d5	78	%	01-165-3729
2-Chlorophenol-d4	93	%	01-165-3729
1,2-Dichlorobenzene-d4	76	%	01-165-3729
Nitrobenzene-d5	77	%	01-165-3729
2-Fluorobiphenyl	78	%	01-165-3729
2,4,6-Tribromophenol	89	%	01-165-3729
Terphenyl-d14	65	%	01-165-3729

QC cal NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John R. Kent
Lab Director

KEY:
ND or U = None Detected
< = less than
ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million)
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J = result estimated below the quantitation limit

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"Our family ... Since 1968."

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FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:07-FEB-2002

Lab Sample ID: L82618-18

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: RINSE BLANK #2
Description: GRAB
Sampled On: 23-JAN-02 13:25 by CLIENT
Date Received: 24-JAN-02 14:55
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
ASP 95-2						
Bis(2-chloroethylether)	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
Phenol	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
2-Chlorophenol	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
1,3-Dichlorobenzene	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
1,4-Dichlorobenzene	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
1,2-Dichlorobenzene	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
Bis(2-chloroisopropylether)	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
2-Methylphenol	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
Hexachloroethane	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
N-Nitrosodi-N-propylamine	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
4-Methylphenol	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
Nitrobenzene	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
Isophorone	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
2-Nitrophenol	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
2,4-Dimethylphenol	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
Bis(2-chloroethoxymethane)	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
2,4-Dichlorophenol	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
1,2,4-Trichlorobenzene	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
Naphthalene	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
4-Chloroaniline	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
Hexachlorobutadiene	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
4-Chloro-3-methylphenol	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
2-Methylnaphthalene	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
Hexachlorocyclopentadiene	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
2,4,6-Trichlorophenol	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
2,4,5-Trichlorophenol	U	ug/l	25	28-JAN-02 12:01	ASP 95-2	01-165-3742
2-Chloronaphthalene	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
2-Nitroaniline	U	ug/l	25	28-JAN-02 12:01	ASP 95-2	01-165-3742
Dimethyl phthalate	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
Acenaphthylene	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
2,6-Dinitrotoluene	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
3-Nitroaniline	U	ug/l	25	28-JAN-02 12:01	ASP 95-2	01-165-3742
Acenaphthene	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
2,4-Dinitrophenol	U	ug/l	25	28-JAN-02 12:01	ASP 95-2	01-165-3742
Dibenzofuran	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
2,4-Dinitrotoluene	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
4-Nitrophenol	U	ug/l	25	28-JAN-02 12:01	ASP 95-2	01-165-3742
Diethyl phthalate	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
Fluorene	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
4-Chlorophenylphenylether	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742

QC Tek NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John R. Kent
Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
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B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

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"Our family caring about your analytical needs Since 1962."

FLI
FRIEND LABORATORY INC

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:07-FEB-2002

Lab Sample ID: L82618-18

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: RINSE BLANK #2
Description: GRAB
Sampled On: 23-JAN-02 13:25 by CLIENT
Date Received: 24-JAN-02 14:55
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
4-Nitroaniline	U	ug/l	25	28-JAN-02 12:01	ASP 95-2	01-165-3742
2-Methyl-4,6-dinitrophenol	U	ug/l	25	28-JAN-02 12:01	ASP 95-2	01-165-3742
N-Nitrosodiphenylamine	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
4-Bromophenylphenylether	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
Hexachlorobenzene	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
Pentachlorophenol	U	ug/l	25	28-JAN-02 12:01	ASP 95-2	01-165-3742
Phenanthrene	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
Anthracene	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
Carbazole	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
Di-n-butyl phthalate	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
Fluoranthene	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
Pyrene	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
Butylbenzyl phthalate	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
Benzo(a)anthracene	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
3,3-Dichlorobenzidine	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
Chrysene	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
Bis-2-ethylhexyl phthalate	1 JB	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
Di-n-octyl phthalate	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
Benzo(b)fluoranthene	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
Benzo(k)fluoranthene	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
Benzo(a)pyrene	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
Indeno(1,2,3-cd)pyrene	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
Dibenzo(a,h)anthracene	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
Benzo(g,h,i)perylene	U	ug/l	10	28-JAN-02 12:01	ASP 95-2	01-165-3742
Extraction Information:				25-JAN-02 00:00		01-133-68

Library Search Compounds:	Result	Units	Qual	Rention Time
Benzophenone	3	ug/l	NJ	21.47
Unknown	4	ug/l	JB	35.08

Library Search Comment:Two library search compounds detected.

QC *[initials]* NY 10252 NJ 73168 PA 68180 EPA NY 00033 *Approved by:* [signature]
Lab Director

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FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:07-FEB-2002

Lab Sample ID: L82618-18

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: RINSE BLANK
Description: GRAB
Sampled On: 23-JAN-02 13:25 by CLIENT
Date Received: 24-JAN-02 14:55
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Surrogate Recovery:						
2-Fluorophenol	69	%				01-165-3742
Phenol-d5	65	%				01-165-3742
2-Chlorophenol-d4	80	%				01-165-3742
1,2-Dichlorobenzene-d4	63	%				01-165-3742
Nitrobenzene-d5	64	%				01-165-3742
2-Fluorobiphenyl	65	%				01-165-3742
2,4,6-Tribromophenol	78	%				01-165-3742
Terphenyl-d14	59	%				01-165-3742

QC cak NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John P. Kent
Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per million)
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FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date: 08-FEB-2002

Lab Sample ID: L82618-15

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FRIEND LABORATORY, INC.
Origin: 95-045-107-34
Description: HOLDING BLANK
Sampled On: 21-JAN-02 00:00 by LAB
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
ASP 95-1						
Chloromethane	U	ug/l	10	22-JAN-02 12:41	ASP 95-1	01-193-1711
Bromomethane	U	ug/l	10	22-JAN-02 12:41	ASP 95-1	01-193-1711
Vinyl chloride	U	ug/l	10	22-JAN-02 12:41	ASP 95-1	01-193-1711
Chloroethane	U	ug/l	10	22-JAN-02 12:41	ASP 95-1	01-193-1711
Methylene chloride	3 JB	ug/l	10	22-JAN-02 12:41	ASP 95-1	01-193-1711
Acetone	U	ug/l	10	22-JAN-02 12:41	ASP 95-1	01-193-1711
Carbon disulfide	U	ug/l	10	22-JAN-02 12:41	ASP 95-1	01-193-1711
1,1-Dichloroethene	U	ug/l	10	22-JAN-02 12:41	ASP 95-1	01-193-1711
trans-1,2-Dichloroethene	U	ug/l	10	22-JAN-02 12:41	ASP 95-1	01-193-1711
1,1-Dichloroethane	U	ug/l	10	22-JAN-02 12:41	ASP 95-1	01-193-1711
cis-1,2-Dichloroethene	U	ug/l	10	22-JAN-02 12:41	ASP 95-1	01-193-1711
MEK(2-Butanone)	U	ug/l	10	22-JAN-02 12:41	ASP 95-1	01-193-1711
Chloroform	U	ug/l	10	22-JAN-02 12:41	ASP 95-1	01-193-1711
1,1,1-Trichloroethane	U	ug/l	10	22-JAN-02 12:41	ASP 95-1	01-193-1711
Carbon tetrachloride	U	ug/l	10	22-JAN-02 12:41	ASP 95-1	01-193-1711
Benzene	U	ug/l	10	22-JAN-02 12:41	ASP 95-1	01-193-1711
1,2-Dichloroethane	U	ug/l	10	22-JAN-02 12:41	ASP 95-1	01-193-1711
Trichloroethene	U	ug/l	10	22-JAN-02 12:41	ASP 95-1	01-193-1711
1,2-Dichloropropane	U	ug/l	10	22-JAN-02 12:41	ASP 95-1	01-193-1711
Bromodichloromethane	U	ug/l	10	22-JAN-02 12:41	ASP 95-1	01-193-1711
cis-1,3-Dichloropropene	U	ug/l	10	22-JAN-02 12:41	ASP 95-1	01-193-1711
MIBK(4-Methyl-2-pentanone)	U	ug/l	10	22-JAN-02 12:41	ASP 95-1	01-193-1711
Toluene	U	ug/l	10	22-JAN-02 12:41	ASP 95-1	01-193-1711
trans-1,3-Dichloropropene	U	ug/l	10	22-JAN-02 12:41	ASP 95-1	01-193-1711
1,1,2-Trichloroethane	U	ug/l	10	22-JAN-02 12:41	ASP 95-1	01-193-1711
Tetrachloroethene	U	ug/l	10	22-JAN-02 12:41	ASP 95-1	01-193-1711
2-Hexanone	U	ug/l	10	22-JAN-02 12:41	ASP 95-1	01-193-1711
Dibromochloromethane	U	ug/l	10	22-JAN-02 12:41	ASP 95-1	01-193-1711
Chlorobenzene	U	ug/l	10	22-JAN-02 12:41	ASP 95-1	01-193-1711
Ethylbenzene	U	ug/l	10	22-JAN-02 12:41	ASP 95-1	01-193-1711
p-Xylene/m-Xylene	U	ug/l	10	22-JAN-02 12:41	ASP 95-1	01-193-1711
o-Xylene	U	ug/l	10	22-JAN-02 12:41	ASP 95-1	01-193-1711
Styrene	U	ug/l	10	22-JAN-02 12:41	ASP 95-1	01-193-1711
Bromoform	U	ug/l	10	22-JAN-02 12:41	ASP 95-1	01-193-1711
1,1,2,2-Tetrachloroethane	U	ug/l	10	22-JAN-02 12:41	ASP 95-1	01-193-1711

QC cal NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John A Kent
Lab Director

KEY: ND or U = None Detected; < = less than; ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million); mg/kg = milligrams per kilogram (equivalent to parts per million)
B = analyte was detected in the method or trip blank; J = result estimated below the quantitation limit

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FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:08-FEB-2002

Lab Sample ID: L82618-15

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FRIEND LABORATORY, INC.
Origin: 95-045-107-34
Description: HOLDING BLANK
Sampled On: 21-JAN-02 00:00 by LAB
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Library Search Compounds:	Result	Units	Qual	Rention Time		
Library Search Compounds:	Result	Units	Qual	Rention Time		
Hexane	9	ug/l	N, JB	8.71		
Surrogate Recovery:						
1,2-Dichloroethane-d4	97	%				01-193-1711
Toluene-d8	101	%				01-193-1711
4-Bromofluorobenzene	99	%				01-193-1711

QC pal NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John D. Kent
Lab Director

KEY:
ND or U = None Detected
< = less than
ug/L = micrograms per liter (equivalent to parts per billion)
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ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:07-FEB-2002

Lab Sample ID: L82618-3

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: L82618-2MS, ME-19
Description: L82618-2
Sampled On: 17-JAN-02 11:30 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
ASP 95-1						
Chloromethane	U	ug/l	10	22-JAN-02 14:21	ASP 95-1	01-193-1714
Bromomethane	U	ug/l	10	22-JAN-02 14:21	ASP 95-1	01-193-1714
Vinyl chloride	U	ug/l	10	22-JAN-02 14:21	ASP 95-1	01-193-1714
Chloroethane	U	ug/l	10	22-JAN-02 14:21	ASP 95-1	01-193-1714
Methylene chloride	4 JB	ug/l	10	22-JAN-02 14:21	ASP 95-1	01-193-1714
Acetone	U	ug/l	10	22-JAN-02 14:21	ASP 95-1	01-193-1714
Carbon disulfide	U	ug/l	10	22-JAN-02 14:21	ASP 95-1	01-193-1714
1,1-Dichloroethene	22	ug/l	10	22-JAN-02 14:21	ASP 95-1	01-193-1714
trans-1,2-Dichloroethene	U	ug/l	10	22-JAN-02 14:21	ASP 95-1	01-193-1714
1,1-Dichloroethane	U	ug/l	10	22-JAN-02 14:21	ASP 95-1	01-193-1714
cis-1,2-Dichloroethene	U	ug/l	10	22-JAN-02 14:21	ASP 95-1	01-193-1714
MEK(2-Butanone)	U	ug/l	10	22-JAN-02 14:21	ASP 95-1	01-193-1714
Chloroform	U	ug/l	10	22-JAN-02 14:21	ASP 95-1	01-193-1714
1,1,1-Trichloroethane	U	ug/l	10	22-JAN-02 14:21	ASP 95-1	01-193-1714
Carbon tetrachloride	U	ug/l	10	22-JAN-02 14:21	ASP 95-1	01-193-1714
Benzene	26	ug/l	10	22-JAN-02 14:21	ASP 95-1	01-193-1714
1,2-Dichloroethane	U	ug/l	10	22-JAN-02 14:21	ASP 95-1	01-193-1714
Trichloroethene	26	ug/l	10	22-JAN-02 14:21	ASP 95-1	01-193-1714
1,2-Dichloropropane	U	ug/l	10	22-JAN-02 14:21	ASP 95-1	01-193-1714
Bromodichloromethane	U	ug/l	10	22-JAN-02 14:21	ASP 95-1	01-193-1714
cis-1,3-Dichloropropene	U	ug/l	10	22-JAN-02 14:21	ASP 95-1	01-193-1714
MIBK(4-Methyl-2-pentanone)	U	ug/l	10	22-JAN-02 14:21	ASP 95-1	01-193-1714
Toluene	24	ug/l	10	22-JAN-02 14:21	ASP 95-1	01-193-1714
trans-1,3-Dichloropropene	U	ug/l	10	22-JAN-02 14:21	ASP 95-1	01-193-1714
1,1,2-Trichloroethane	U	ug/l	10	22-JAN-02 14:21	ASP 95-1	01-193-1714
Tetrachloroethene	U	ug/l	10	22-JAN-02 14:21	ASP 95-1	01-193-1714
2-Hexanone	U	ug/l	10	22-JAN-02 14:21	ASP 95-1	01-193-1714
Dibromochloromethane	U	ug/l	10	22-JAN-02 14:21	ASP 95-1	01-193-1714
Chlorobenzene	24	ug/l	10	22-JAN-02 14:21	ASP 95-1	01-193-1714
Ethylbenzene	U	ug/l	10	22-JAN-02 14:21	ASP 95-1	01-193-1714
p-Xylene/m-Xylene	U	ug/l	10	22-JAN-02 14:21	ASP 95-1	01-193-1714
o-Xylene	U	ug/l	10	22-JAN-02 14:21	ASP 95-1	01-193-1714
Styrene	U	ug/l	10	22-JAN-02 14:21	ASP 95-1	01-193-1714
Bromoform	U	ug/l	10	22-JAN-02 14:21	ASP 95-1	01-193-1714
1,1,2,2-Tetrachloroethane	U	ug/l	10	22-JAN-02 14:21	ASP 95-1	01-193-1714

QC_____ NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: _____ Lab Director

KEY: ND or U = None Detected; < = less than; ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million); mg/kg = milligrams per kilogram (equivalent to parts per millior
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"Our family caring about your analytical needs Since 1968."

FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:07-FEB-2002

Lab Sample ID: L82618-3

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: L82618-2MS, ME-19
Description: L82618-2
Sampled On: 17-JAN-02 11:30 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Surrogate Recovery:						
1,2-Dichloroethane-d4	93	%				01-193-1714
Toluene-d8	99	%				01-193-1714
4-Bromofluorobenzene	97	%				01-193-1714
ASP 95-2						
Bis(2-chloroethylether)	U	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
Phenol	48	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
2-Chlorophenol	52	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
1,3-Dichlorobenzene	U	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
1,4-Dichlorobenzene	35	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
1,2-Dichlorobenzene	U	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
Bis(2-chloroisopropylether)	U	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
2-Methylphenol	U	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
Hexachloroethane	U	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
N-Nitrosodi-N-propylamine	33	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
4-Methylphenol	U	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
Nitrobenzene	U	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
Isophorone	U	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
2-Nitrophenol	3 J	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
2,4-Dimethylphenol	U	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
Bis(2-chloroethoxymethane)	U	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
2,4-Dichlorophenol	U	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
1,2,4-Trichlorobenzene	35	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
Naphthalene	U	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
4-Chloroaniline	U	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
Hexachlorobutadiene	U	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
4-Chloro-3-methylphenol	48	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
2-Methylnaphthalene	U	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
Hexachlorocyclopentadiene	U	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
2,4,6-Trichlorophenol	U	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
2,4,5-Trichlorophenol	U	ug/l	25	22-JAN-02 15:35	ASP 95-2	01-165-3711
2-Chloronaphthalene	U	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
2-Nitroaniline	U	ug/l	25	22-JAN-02 15:35	ASP 95-2	01-165-3711
Dimethyl phthalate	U	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
Acenaphthylene	3 J	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
2,6-Dinitrotoluene	U	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
3-Nitroaniline	U	ug/l	25	22-JAN-02 15:35	ASP 95-2	01-165-3711
Acenaphthene	37	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
2,4-Dinitrophenol	U	ug/l	25	22-JAN-02 15:35	ASP 95-2	01-165-3711
Dibenzofuran	U	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
2,4-Dinitrotoluene	40	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711

QC kak NY 10252 NJ 73168 PA 68180 EPA NY 00033 Approved by: Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per millior
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

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"Our family caring about your analytical needs Since 1963."

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FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:07-FEB-2002

Lab Sample ID: L82618-3

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: L82618-2MS, ME-19
Description: L82618-2
Sampled On: 17-JAN-02 11:30 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
4-Nitrophenol	67	ug/l	25	22-JAN-02 15:35	ASP 95-2	01-165-3711
Diethyl phthalate	U	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
Fluorene	U	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
4-Chlorophenylphenylether	U	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
4-Nitroaniline	U	ug/l	25	22-JAN-02 15:35	ASP 95-2	01-165-3711
2-Methyl-4,6-dinitrophenol	U	ug/l	25	22-JAN-02 15:35	ASP 95-2	01-165-3711
N-Nitrosodiphenylamine	U	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
4-Bromophenylphenylether	U	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
Hexachlorobenzene	U	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
Pentachlorophenol	56	ug/l	25	22-JAN-02 15:35	ASP 95-2	01-165-3711
Phenanthrene	U	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
Anthracene	U	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
Carbazole	U	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
Di-n-butyl phthalate	U	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
Fluoranthene	U	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
Pyrene	36	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
Butylbenzyl phthalate	U	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
Benzo(a)anthracene	U	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
3,3-Dichlorobenzidine	U	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
Chrysene	U	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
Bis-2-ethylhexyl phthalate	3 J,B	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
Di-n-octyl phthalate	U	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
Benzo(b)fluoranthene	U	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
Benzo(k)fluoranthene	U	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
Benzo(a)pyrene	U	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
Indeno(1,2,3-cd)pyrene	U	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
Dibenzo(a,h)anthracene	U	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
Benzo(g,h,i)perylene	U	ug/l	10	22-JAN-02 15:35	ASP 95-2	01-165-3711
Extraction Information:				21-JAN-02 00:00		01-133-60
Surrogate Recovery:						
2-Fluorophenol	65	%				01-165-3711
Phenol-d5	62	%				01-165-3711
2-Chlorophenol-d4	75	%				01-165-3711
1,2-Dichlorobenzene-d4	63	%				01-165-3711
Nitrobenzene-d5	66	%				01-165-3711
2-Fluorobiphenyl	67	%				01-165-3711
2,4,6-Tribromophenol	57	%				01-165-3711
Terphenyl-d14	63	%				01-165-3711

QC oak NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John R. Kent
Lab Director

KEY: ND or U = None Detected; < = less than; ug/L = micrograms per liter (equivalent to parts per billion); mg/L = milligrams per liter (equivalent to parts per million); mg/kg = milligrams per kilogram (equivalent to parts per million); B = analyte was detected in the method or trip blank; J = result estimated below the quantitation limit

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FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:07-FEB-2002

Lab Sample ID: L82618-4

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: L82618-2MSD/DUP, ME-19
Description: L82618-2
Sampled On: 17-JAN-02 11:30 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
ASP 95-1						
Chloromethane	U	ug/l	10	22-JAN-02 14:55	ASP 95-1	01-193-1715
Bromomethane	U	ug/l	10	22-JAN-02 14:55	ASP 95-1	01-193-1715
Vinyl chloride	U	ug/l	10	22-JAN-02 14:55	ASP 95-1	01-193-1715
Chloroethane	U	ug/l	10	22-JAN-02 14:55	ASP 95-1	01-193-1715
Methylene chloride	4 JB	ug/l	10	22-JAN-02 14:55	ASP 95-1	01-193-1715
Acetone	U	ug/l	10	22-JAN-02 14:55	ASP 95-1	01-193-1715
Carbon disulfide	U	ug/l	10	22-JAN-02 14:55	ASP 95-1	01-193-1715
1,1-Dichloroethene	24	ug/l	10	22-JAN-02 14:55	ASP 95-1	01-193-1715
trans-1,2-Dichloroethene	U	ug/l	10	22-JAN-02 14:55	ASP 95-1	01-193-1715
1,1-Dichloroethane	U	ug/l	10	22-JAN-02 14:55	ASP 95-1	01-193-1715
cis-1,2-Dichloroethene	U	ug/l	10	22-JAN-02 14:55	ASP 95-1	01-193-1715
MEK(2-Butanone)	U	ug/l	10	22-JAN-02 14:55	ASP 95-1	01-193-1715
Chloroform	U	ug/l	10	22-JAN-02 14:55	ASP 95-1	01-193-1715
1,1,1-Trichloroethane	U	ug/l	10	22-JAN-02 14:55	ASP 95-1	01-193-1715
Carbon tetrachloride	U	ug/l	10	22-JAN-02 14:55	ASP 95-1	01-193-1715
Benzene	26	ug/l	10	22-JAN-02 14:55	ASP 95-1	01-193-1715
1,2-Dichloroethane	U	ug/l	10	22-JAN-02 14:55	ASP 95-1	01-193-1715
Trichloroethene	26	ug/l	10	22-JAN-02 14:55	ASP 95-1	01-193-1715
1,2-Dichloropropane	U	ug/l	10	22-JAN-02 14:55	ASP 95-1	01-193-1715
Bromodichloromethane	U	ug/l	10	22-JAN-02 14:55	ASP 95-1	01-193-1715
cis-1,3-Dichloropropene	U	ug/l	10	22-JAN-02 14:55	ASP 95-1	01-193-1715
MIBK(4-Methyl-2-pentanone)	U	ug/l	10	22-JAN-02 14:55	ASP 95-1	01-193-1715
Toluene	24	ug/l	10	22-JAN-02 14:55	ASP 95-1	01-193-1715
trans-1,3-Dichloropropene	U	ug/l	10	22-JAN-02 14:55	ASP 95-1	01-193-1715
1,1,2-Trichloroethane	U	ug/l	10	22-JAN-02 14:55	ASP 95-1	01-193-1715
Tetrachloroethene	U	ug/l	10	22-JAN-02 14:55	ASP 95-1	01-193-1715
2-Hexanone	U	ug/l	10	22-JAN-02 14:55	ASP 95-1	01-193-1715
Dibromochloromethane	U	ug/l	10	22-JAN-02 14:55	ASP 95-1	01-193-1715
Chlorobenzene	23	ug/l	10	22-JAN-02 14:55	ASP 95-1	01-193-1715
Ethylbenzene	U	ug/l	10	22-JAN-02 14:55	ASP 95-1	01-193-1715
p-Xylene/m-Xylene	U	ug/l	10	22-JAN-02 14:55	ASP 95-1	01-193-1715
o-Xylene	U	ug/l	10	22-JAN-02 14:55	ASP 95-1	01-193-1715
Styrene	U	ug/l	10	22-JAN-02 14:55	ASP 95-1	01-193-1715
Bromoform	U	ug/l	10	22-JAN-02 14:55	ASP 95-1	01-193-1715
1,1,2,2-Tetrachloroethane	U	ug/l	10	22-JAN-02 14:55	ASP 95-1	01-193-1715

QC NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: Lab Director

KEY: ND or U = None Detected; < = less than; ug/L = micrograms per liter (equivalent to parts per billion)
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FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date:07-FEB-2002

Lab Sample ID: L82618-4

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: L82618-2MSD/DUP, ME-19
Description: L82618-2
Sampled On: 17-JAN-02 11:30 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
Surrogate Recovery:						
1,2-Dichloroethane-d4	97	%				01-193-1715
Toluene-d8	98	%				01-193-1715
4-Bromofluorobenzene	95	%				01-193-1715
ASP 95-2						
Bis(2-chloroethylether)	U	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
Phenol	53	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
2-Chlorophenol	56	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
1,3-Dichlorobenzene	U	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
1,4-Dichlorobenzene	38	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
1,2-Dichlorobenzene	U	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
Bis(2-chloroisopropylether)	U	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
2-Methylphenol	U	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
Hexachloroethane	U	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
N-Nitrosodi-N-propylamine	35	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
4-Methylphenol	U	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
Nitrobenzene	U	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
Isophorone	U	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
2-Nitrophenol	2 J	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
2,4-Dimethylphenol	U	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
Bis(2-chloroethoxymethane)	U	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
2,4-Dichlorophenol	U	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
1,2,4-Trichlorobenzene	38	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
Naphthalene	U	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
4-Chloroaniline	U	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
Hexachlorobutadiene	U	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
4-Chloro-3-methylphenol	55	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
2-Methylnaphthalene	U	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
Hexachlorocyclopentadiene	U	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
2,4,6-Trichlorophenol	U	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
2,4,5-Trichlorophenol	U	ug/l	25	22-JAN-02 16:28	ASP 95-2	01-165-3712
2-Chloronaphthalene	U	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
2-Nitroaniline	U	ug/l	25	22-JAN-02 16:28	ASP 95-2	01-165-3712
Dimethyl phthalate	U	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
Acenaphthylene	U	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
2,6-Dinitrotoluene	U	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
3-Nitroaniline	U	ug/l	25	22-JAN-02 16:28	ASP 95-2	01-165-3712
Acenaphthene	42	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
2,4-Dinitrophenol	U	ug/l	25	22-JAN-02 16:28	ASP 95-2	01-165-3712
Dibenzofuran	U	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
2,4-Dinitrotoluene	41	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712

QC cal NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: *John D. Kent*
Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per millior
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

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FLI
FRIEND LABORATORY I · N · C

ONE RESEARCH CIRCLE WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

Date: 07-FEB-2002

Lab Sample ID: L82618-4

I.T. Corporation
Tony Perretta
13 British American Blvd.
Latham, NY 12110

Sample Source: FLAGSHIP, 820131-02000000
Origin: L82618-2MSD/DUP, ME-19
Description: L82618-2
Sampled On: 17-JAN-02 11:30 by CLIENT
Date Received: 21-JAN-02 09:30
P.O. No: N/A

Analysis Performed	Result	Units	Detection Limit	Date Analyzed	Method	Notebook Reference
4-Nitrophenol	65	ug/l	25	22-JAN-02 16:28	ASP 95-2	01-165-3712
Diethyl phthalate	U	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
Fluorene	U	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
4-Chlorophenylphenylether	U	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
4-Nitroaniline	U	ug/l	25	22-JAN-02 16:28	ASP 95-2	01-165-3712
2-Methyl-4,6-dinitrophenol	U	ug/l	25	22-JAN-02 16:28	ASP 95-2	01-165-3712
N-Nitrosodiphenylamine	U	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
4-Bromophenylphenylether	U	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
Hexachlorobenzene	U	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
Pentachlorophenol	62	ug/l	25	22-JAN-02 16:28	ASP 95-2	01-165-3712
Phenanthrene	U	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
Anthracene	U	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
Carbazole	U	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
Di-n-butyl phthalate	U	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
Fluoranthene	U	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
Pyrene	38	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
Butylbenzyl phthalate	U	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
Benzo(a)anthracene	U	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
3,3-Dichlorobenzidine	U	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
Chrysene	U	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
Bis-2-ethylhexyl phthalate	2 J,B	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
Di-n-octyl phthalate	U	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
Benzo(b)fluoranthene	U	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
Benzo(k)fluoranthene	U	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
Benzo(a)pyrene	U	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
Indeno(1,2,3-cd)pyrene	U	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
Dibenzo(a,h)anthracene	U	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
Benzo(g,h,i)perylene	U	ug/l	10	22-JAN-02 16:28	ASP 95-2	01-165-3712
Extraction Information:				21-JAN-02 00:00		01-133-60
Surrogate Recovery:						
2-Fluorophenol	73	%				01-165-3712
Phenol-d5	71	%				01-165-3712
2-Chlorophenol-d4	86	%				01-165-3712
1,2-Dichlorobenzene-d4	72	%				01-165-3712
Nitrobenzene-d5	76	%				01-165-3712
2-Fluorobiphenyl	76	%				01-165-3712
2,4,6-Tribromophenol	66	%				01-165-3712
Terphenyl-d14	58	%				01-165-3712

QC nak NY 10252 NJ 73168 PA 68180 EPA NY 00033

Approved by: John O'Keefe
Lab Director

KEY: ND or U = None Detected < = less than ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million) mg/kg = milligrams per kilogram (equivalent to parts per millior
B = analyte was detected in the method or trip blank J = result estimated below the quantitation limit

The information in this report is accurate to the best of our knowledge and ability. In no event shall our liability exceed the cost of these service
Your samples will be discarded after 14 days unless we are advised otherwise.

3C

WATER SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: ITCORP

Matrix Spike - EPA Sample No ME-19

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
Phenol	75	0.0	48	64	12 - 110
2-Chlorophenol	75	0.0	52	69	27 - 123
1,4-Dichlorobenzene	50	0.0	35	70	36 - 97
N-Nitrosodi-n-propylamine	50	0.0	33	66	41 - 116
1,2,4-Trichlorobenzene	50	0.0	35	70	39 - 98
4-Chloro-3-methylphenol	75	0.0	48	64	23 - 97
Acenaphthene	50	0.0	37	74	46 - 118
2,4-Dinitrotoluene	50	0.0	40	80	24 - 96
4-Nitrophenol	75	0.0	67	89 *	10 - 80
Pentachlorophenol	75	0.0	56	75	9 - 103
Pyrene	50	0.0	36	72	26 - 127

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Phenol	75	53	71	10	42	12 - 110
2-Chlorophenol	75	56	75	8	40	27 - 123
1,4-Dichlorobenzene	50	38	76	8	28	36 - 97
N-Nitrosodi-n-propylamine	50	35	70	6	38	41 - 116
1,2,4-Trichlorobenzene	50	38	76	8	28	39 - 98
4-Chloro-3-methylphenol	75	55	73	13	42	23 - 97
Acenaphthene	50	42	84	13	31	46 - 118
2,4-Dinitrotoluene	50	41	82	2	38	24 - 96
4-Nitrophenol	75	65	87 *	2	50	10 - 80
Pentachlorophenol	75	62	83	10	50	9 - 103
Pyrene	50	38	76	5	31	26 - 127

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 11 outside limits

Spike Recovery: 2 out of 22 outside limits

COMMENTS: _____

_____

3A

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: FRIEND LABORATORY, INC. Contract: _____

Lab Code: 10252 Case No.: _____ SAS No.: _____ SDG No.: ITCORP

Matrix Spike - EPA Sample No ME-19

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	25	0.0	22	88	61 - 145
Benzene	25	0.0	26	104	76 - 127
Trichloroethene	25	0.0	26	104	71 - 120
Toluene	25	0.0	24	96	76 - 125
Chlorobenzene	25	0.0	24	96	75 - 130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethene	25	24	96	9	14	61 - 145
Benzene	25	26	104	0	11	76 - 127
Trichloroethene	25	26	104	0	14	71 - 120
Toluene	25	24	96	0	13	76 - 125
Chlorobenzene	25	23	92	4	13	75 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limits

Spike Recovery: 0 out of 10 outside limits

COMMENTS: _____

_____

CUSTOMER CODE # _____

CHAIN OF CUSTODY RECORD

FLI
FRIEND LABORATORY I • N • C
ONE RESEARCH CIRCLE
WAVERLY NY 14892-1532
Telephone (607) 565 3500
Fax (607) 565-4083

Untreated	Sodium thiosulfate	HCl pH <2	Ascorbic acid & HCl pH <2	HNO_3 pH <2	H_2SO_4 pH <2	NaOH pH >12	NaOH & Zinc acetate pH >9	Acetic Buffer pH <3	Sodium sulfite

CLIENT: ITCorp
ADDRESS: 13 British American BLVD Latham NY
PHONE: 518 783 6058 FAX: 783 3397

INVOICE TO: B Naumann ITCorp
ADDRESS: 13 British American BLVD Latham, NY 12110

Sample Site: FLAGSHIP

P.O. # 820131-0200000

PROJECT NO. / NAME: 820131 / Flagship

COPY TO:
ADDRESS:

82618

DATE & TIME OF SAMPLE COLLECTION	SAMPLE DESCRIPTION	NUMBER OF CONTAINERS	ANALYSES / TESTS REQUESTED	SAMPLE NUMBER (LAB USE ONLY)
1/17/02 10:45 AM	MW-8	2 3 Description: Grab Composite Other Matrix: DW WW MW Soil Air Other	95-1, 95-2	-1
1/17/02 11:30 AM	ME-19 ME-19 MS ME-19 MSD	6 9 Description: Grab Composite Other Matrix: DW WW MW Soil Air Other	95-1, 95-2	-2, -3, -4
1/17/02 12:10	MW-20	2 3 Description: Grab Composite Other Matrix: DW WW MW Soil Air Other	95-1, 95-2	-5
1/17/02 1435	A-425	2 3 Description: Grab Composite Other Matrix: DW WW MW Soil Air Other	95-1, 95-2	-6

RELINQUISHED BY	DATE /TIME	ACCEPTED BY	DATE/TIME	NOTES TO LABORATORY
SAMPLER		Tom Jones	1/21/02 930	Samples rec. by John Kaumann 1/19/02 @ placed in cooler
				27, 1.5
				SUSPECTED CONTAMINATION LEVEL
				NONE SLIGHT MODERATE HIGH (please circle)

CUSTOMER CODE # _____

CHAIN OF CUSTODY RECORD

FLI
FRIEND LABORATORY I • N • C
ONE RESEARCH CIRCLE
WAVERLY NY 14892-1532
Telephone (607) 565 3500
Fax (607) 565-4083

Untreated | Sodium thiosulfate | HCl pH <2 | Ascorbic acid & HCl pH <2 | HNO_3 pH <2 | H_2SO_4 pH <2 | NaOH pH >12 | NaOH & Zinc acetate pH >9 | Acetic Buffer pH <3 | Sodium sulfite

CLIENT: IT CORP.
ADDRESS: 13 BRITISH AMERICAN BLVD LATHAM, NY 12110
PHONE: 518-783-1996 FAX: 518-783-8397

INVOICE TO: BRIAN NEUMANN
ADDRESS: - SAME AS CLIENT -

Sample Site: FLAGSHIP

P.O. # 820131-0200000

PROJECT NO. / NAME: 820131 / FLAGSHIP

COPY TO:
ADDRESS:

82618

DATE & TIME OF SAMPLE COLLECTION	SAMPLE DESCRIPTION	NUMBER OF CONTAINERS	ANALYSES / TESTS REQUESTED	SAMPLE NUMBER (LAB USE ONLY)
1/17/02 1445	A-435	2 3 — Description: (Grab) Composite Other — Matrix: DW WW (MW) Soil Air Other	95-1, 95-2	-7
1/17/02 1510	A-27S	2 3 — Description: (Grab) Composite Other — Matrix: DW WW (MW) Soil Air Other	95-1, 95-2	-8
1/17/02 1520	A-26S	2 3 — Description: (Grab) Composite Other — Matrix: DW WW (MW) Soil Air Other	95-1, 95-2	-9
1/17/02 1600	MW-6	2 3 — Description: (Grab) Composite Other — Matrix: DW WW (MW) Soil Air Other	95-1, 95-2	-10

RELINQUISHED BY	DATE /TIME	ACCEPTED BY	DATE/TIME	NOTES TO LABORATORY
SAMPLER		Tom Jones	1/21/02 930	
				SUSPECTED CONTAMINATION LEVEL
				NONE SLIGHT MODERATE HIGH (please circle)

CUSTOMER CODE # _____

CHAIN OF CUSTODY RECORD

FLI
FRIEND LABORATORY I • N • C
ONE RESEARCH CIRCLE
WAVERLY NY 14892-1532
Telephone (607) 565 3500
Fax (607) 565-4083

Untreated | Sodium thiosulfate | HCl pH <2 | Ascorbic acid & HCl pH <2 | HNO_3 pH <2 | H_2SO_4 pH <2 | NaOH pH >12 | NaOH & Zinc acetate pH >9 | Acetic Buffer pH <3 | Sodium sulfite

CLIENT: IT CORP.
ADDRESS: 13 BRITISH AMERICAN BLVD LATHAM, NY 12110
PHONE: 518-783-1996 FAX: 518-783-8397

INVOICE TO: BRIAN NEUMANN
ADDRESS: - SAME AS CLIENT -

Sample Site: FLAGSHIP

P.O. # 820131-0200000

PROJECT NO. / NAME: FLAGSHIP / 820131

COPY TO:
ADDRESS:

8618

DATE & TIME OF SAMPLE COLLECTION	SAMPLE DESCRIPTION	NUMBER OF CONTAINERS	ANALYSES / TESTS REQUESTED	SAMPLE NUMBER / LAB USE ONLY
1/17/02 @ 1520	RINSE BLANK	2 3 Description: (Grab) Composite Other Matrix: DW WW (MW) Soil Air Other	95-1, 95-2	-11
1/17/02 @ 16:45 MW-10	MW-10	~~3~~ 2 ~~3~~ Description: (Grab) Composite Other Matrix: DW WW (MW) Soil Air Other	95-1	-12
1/17/02 @ 1625 MW-9	MW-9	~~X~~ 2 ~~3~~ Description: (Grab) Composite Other Matrix: DW WW (MW) Soil Air Other	95-1	-13
1/17/02 @ 1630 DUPA	DUPA 95 045-107-34	2 3 Description: (Grab) Composite Other Matrix: DW WW (MW) Soil Air Other	95-1, 95-2	-14 -15

RELINQUISHED BY	DATE /TIME	ACCEPTED BY	DATE/TIME	NOTES TO LABORATORY
SAMPLER		Tom Jones	1/21/02 930	COULD NOT GET ENOUGH WATER FOR 3 VOA VIALS ON MW-9 & MW-10
				(A) MW-9 + MW-10 "HOT"
				SUSPECTED CONTAMINATION LEVEL
				NONE SLIGHT MODERATE HIGH (please circle)

CUSTOMER CODE # _____

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

FLI
FRIEND LABORATORY I • N • C

ONE RESEARCH CIRCLE
WAVERLY NY 14892-1532
Telephone (607) 565 3500
Fax (607) 565-4083

Sample Site: Flagship

P.O. #

Untreated	Sodium thiosulfate	HCl pH <2	Ascorbic acid & HCl pH <2	HNO_3 pH <2	H_2SO_4 pH <2	NaOH pH >12	NaOH & Zinc acetate pH >9	Acetic Buffer pH <3	Sodium sulfite

CLIENT: IT Corporation
ADDRESS: 1313 Fish American Blvd Latham NY 12110
PHONE: 518783-1996 FAX: 783-8397

PROJECT NO. / NAME: Flagship 820131

INVOICE TO:
ADDRESS:

COPY TO:
ADDRESS:

82618

DATE & TIME OF SAMPLE COLLECTION	SAMPLE DESCRIPTION	NUMBER OF CONTAINERS	ANALYSES / TESTS REQUESTED	SAMPLE NUMBER
1/23/02 11:20AM	MW-9	2 Description: Grab Composite Other Matrix: DW WW MW Soil Air Other	95-2	-16
1/23/02 12:02	MW-10	2 Description: Grab Composite Other Matrix: DW WW MW Soil Air Other	95-2	-17
1/23/02 13:25	Rinse Blank	2 Description: Grab Composite Other Matrix: DW WW MW Soil Air Other	95-2	-18
		Description: Grab Composite Other Matrix: DW WW MW Soil Air Other		

LAB USE ONLY

RELINQUISHED BY	DATE /TIME	ACCEPTED BY	DATE/TIME	NOTES TO LABORATORY
SAMPLER	1/23/02	Tom Jones	1/24/02 255	MW-9 & MW-10 will require dilution — Kathy Wager has Previous Results for site

SUSPECTED CONTAMINATION LEVEL

NONE SLIGHT (MODERATE) HIGH (please circle)