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OPERATION MAINTENANCE AND MONITORING REPORT
(February 2003 – May 2003)
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 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 status report covers the period from February 2003 through May 2003 and includes a discussion of the sampling event conducted on May 28, 2003 and four months of operation and maintenance completed by Shaw personnel.

The total run time for the air sparge (AS) system during the reporting period was 100%. The soil vapor extraction (SVE) was repaired and reactivated during this reporting period as discussed in **Section 5.0**. The total run time for the SVE during this reporting period was 907 available hours, with 704 actual hours or 77.44%.

2.0 OPERATION AND MAINTENANCE

Monthly Operation and Maintenance (O&M) visits were performed as required by the Interim Remedial Measures Work Plan (IRM). O&M visits were performed on February 12, March 20, April 21 and May 28, 2003.

Monitoring tasks performed during the typical O&M visit included:

- AS and SVE equipment inspected and operating parameters monitored and adjusted.
- AS and SVE equipment monitored (drained moisture separator when necessary, 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 (September, January and May of each year).

Individual system components were also monitored to ensure that all process systems were operating within design parameters.

3.0 SIGNIFICANT OPERATIONAL NOTES

Significant operational notes for this reporting period:

- The SVE blower motor was removed for repair in March
- The SVE was reactivated in April
- Four month interval groundwater sampling was performed in May

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.

The SVE was reactivated during this reporting period. High groundwater levels have made operation of the SVE impractical during the previous reporting period. The SVE is currently active on the north and south legs of the system simultaneously.

The SVE system operated at an average flow of 219 cubic feet per minute (cfm) during the previous reporting period as measured at the SVE blower effluent.

Air samples were collected on May 28, 2003.

Photoionization detector (PID) calculation for VOCs removed during the reporting were made. To date the system has removed approximately 24.64 pounds of VOCs. System operating data and removal calculations based on monthly PID readings are shown in **Table 1**. To date, laboratory analysis, calculative collection of “compounds of concern” is determined to be approximately 3.61 pounds (**Table 3**). Vapor phase carbon absorption efficiency for the compounds of concern is shown on **Table 2.** All data for VOC removal are current to the previous reporting period.

5.0 AIR SPARGE SYSTEM

The air sparging (AS) system was activated on August 7, 2000. The AS system is comprised of two 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 3.36 cfm (previous period = 5.0 cfm), with a total average system pressure of approximately 4.96 pounds per square inch (psi) as compared to previous period of 5.05 psi. The air sparge blower was fully operational and SP-2 through SP-7 are operating simultaneously. SP-1 was made inactive during the April O&M visit.

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. Some 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 2003 event is shown as **Figure 3** in this report. Prior to monitoring well gauging the treatment system is shutdown to allow for the stabilization of the naturally occurring potentiometric surface.

During the May 2003 gauging event groundwater elevations on the Flagship parcel ranged from 156.06 feet (ME-16) to 153.71 feet (ME-13). On the IBM parcel, groundwater elevations ranged from 153.97 feet (A-42S) to 151.17 feet (A-44S). 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 northwest groundwater flow direction is indicated (**Figure 3**). Four of the site monitoring wells were not gauged (MW-1, MW-7A, ME-12 and ME-16) because snow removal from parking areas has made them inaccessible during February and March. Elevation corrections have been made for monitoring wells ME-13, A-19S, A-40S, A-41S, A-42S and A-43S; these corrections are reflected on **Table 4** for current and past elevations through January 2002. The correction has removed the measured irregularities in groundwater elevations.

During the May 28, 2003 sampling event elevated laboratory detections were recorded in samples collected from MW-9 and MW-10. PCE was detected at 34 ug/l (MW-9) and 71 ug/l (MW-10). These concentrations have shown only minor fluctuations over the past year. Though MW-9 and MW-10 continue to display dissolved impacts, 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 1200 ug/l (MW-10). Naphthalene was not detected in any other former Flagship down-gradient property boundary wells. The analytical results are presented on **Table 5** and **Figure 4**. Naphthalene (**Figure 5**), chloroethane (**Figure 6**) and 1,2 dichloroethene (**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 A**.

Samples collected from former IBM monitoring wells, located near the eastern corner of the hangar exhibited elevated dissolved concentrations. Specifically a 1,1-dichloroethane concentration of 14 ug/l (A-26S) and 5 ug/l (A-42S) was recorded. Vinyl chloride was detected at a concentration of 140 ug/l (A-42S). Naphthalene was detected at a concentration of 300 ug/l (A-42S). No significant trends have been observed in former IBM property wells. The up-gradient wells on the former Flagship property have demonstrated reductions in total VOC concentrations

The presence of one or more of the following compounds (naphthalene, dichloroethane, Vinyl chloride, dichloroethene and chloroethane) in former IBM property wells A-42S, A-43S, A-26S and A-27S (**Table 5**) combined with the lack of immediate up-gradient (former Flagship property) detections suggests that an ongoing source of these contaminants 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 and MW-20 no 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 operation.
- Collect groundwater and SVE effluent air samples in September 2003.
- Complete design and begin installation of ROD recommended system modifications.

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
01/17/02	840 /	768	91.00%	2494.0	217	0.0	0.00	0.00	7.44
02/21/02	840 /	840	100.00%	3678.2	320	0.0	0.00	0.00	7.44
03/20/02	648 /	552	85.19%	4770.1	415	0.0	0.00	0.00	7.44
04/17/02	672 /	672	100.00%	3804.6	331	0.0	0.00	0.00	7.44
05/22/02	840 /	840	100.00%	4655.2	405	5.7	0.02	13.74	21.18
06/17/02	624 /	384	61.54%	0.0	0	0.0	0.01	3.46	24.64
07/15/02	672 /	312	46.43%	3379.3	294	0.0	0.00	0.00	24.64
08/28/02	1056 /	576	54.55%	3183.9	277	0.0	0.00	0.00	24.64
09/24/02	624 /	624	100.00%	3862.1	336	0.0	0.00	0.00	24.64
10/21/2003(1)	648 /	0	0.00%	0.0	0.0	0.0	0.00	0.00	24.64
11/15/2003	600 /	0	0.00%	0.0	0.0	0.0	0.00	0.00	24.64
12/17/2003	768 /	0	0.00%	0.0	0.0	0.0	0.00	0.00	24.64
1/17-18/2003	748 /	0	0.00%	0.0	0.0	0.0	0.00	0.00	24.64
2/12/2003	600 /	0	0.00%	0.0	0.0	0.0	0.00	0.00	24.64
3/20/2003	864 /	0	0.00%	0.0	0.0	0.0	0.00	0.00	24.64
4/21/2003(2)	768 /	0	0.00%	2172.4	189.0	0.0	0.00	0.00	24.64
5/28/2003	888 /	704	79.28%	2862.1	249.0	0.0	0.00	0.00	24.64

(1)=SVE shutdown due to high groundwater levels
(2)=SVE system Restarted

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	NA
	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	NA
	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	100.00	100.00	100.00
	Tetrachloroethene	NA	NA	ND	ND	100.00	100.00	100.00
	Toluene	NA	NA	1.5	ND	NA	100.00	NA
	1,1-Dichloroethane	NA	NA	ND	ND	100.00	100.00	100.00
	1,1,1-Trichloroethane	NA	NA	ND	ND	100.00	100.00	100.00
	Naphthalene	NA	NA	ND	ND	100.00	100.00	100.00
05/22/02	Trichloroethene	ND	ND	0.55	1	NA	NA	NA
	Tetrachloroethene	6.20	7.90	ND	ND	100.00	100.00	100.00
	Toluene	18.00	15.00	1.3	2.8	93.00	81.00	87.00
	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	86.00	109.00	ND	ND	100.00	100.00	100.00
09/24/02	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

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.)
8/4/2000	0 /	0	0.00%	2885	252	0.165	2.2	0.00065	0.00	0.00
10/9/2000	1584 /	627	39.58%	3759	328	0.119	0.0	0.00064	0.40	0.40
12/6/2000	1392 /	1032	74.14%	4103	358	0.067	0.0	0.00050	0.51	0.92
5/16/2001	3864 /	2320	60.04%	2805	245	0.0	0.0	0.00016	0.37	1.28
6/20/2001	840 /	792	94.29%	3195	279	0.0542	0.0	0.00011	0.09	1.37
9/11/2001	9672 /	1992	20.60%	3379	295	0.236	0.0	0.00086	1.70	1.70
1/17/2002	3072 /	2712	88.28%	2494	218	0.0015	0.0	0.00047	1.29	2.99
5/22/2002	3000 /	3000	100.00%	4500	393	0.0404	5.7	0.00010	0.30	3.29
9/24/2002	2976 /	1896	63.71%	3862	337	0.0	0.0	0.00012	0.22	3.51
5/28/2003	907 /	702	77.44%	2862	250	0.063	0.0	0.00014	0.10	3.61

Note: SVE was not operating between 9/02 and 4/03

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**
12/30/1996	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
4/2/1997	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
5/21/1999	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
2/9/2000	10.12	152.15	NM	NM	NM	NM	8.87	153.47	NM	5.33	153.31	NM	5.14	153.38	NM	7.33	152.04	NM
6/28/2000	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
8/3/2000	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
8/10/2000	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
8/31/2000	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
9/21/2000	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
10/16/2000	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
11/13/2000	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
12/6/2000	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*
1/8/2001	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
2/19/2001	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
3/28/2001	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
5/16/2001	9.26	153.01	0.73	NM	NM	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
7/30/2001	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
8/16/2001	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
9/10/2001	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
10/31/2001	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
11/29/2001	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
12/13/2001	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
1/17/2002	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
2/21/2002	11.03	151.24	0.72	4.55	151.48	0.72	10.28	152.06	4.12	6.73	151.91	3.25	6.49	152.03	2.94	8.21	151.16	0.37
3/20/2002	11.01	151.26	0.45	4.54	151.49	1.48	10.24	152.10	9.62	6.73	151.91	4.89	6.50	152.02	3.28	8.17	151.20	1.15
4/17/2002	10.40	151.87	1.38	4.07	151.96	2.40	11.24	151.10	2.28	7.15	151.49	3.27	6.18	152.34	3.96	7.78	151.59	1.61
5/22/2002	9.54	152.73	1.12	2.92	153.11	0.59	8.43	153.91	0.90	4.89	153.75	1.89	4.64	153.88	2.50	6.72	152.65	0.43
09/23&24/2002	10.08	152.19	0.50	3.40	152.63	2.03	8.40	153.94	4.48	5.01	153.63	3.40	4.82	153.70	2.63	7.35	152.02	0.56
10/21/2002	9.00	153.27	0.54	2.52	153.51	5.94	6.44	155.90	8.20	3.18	155.46	3.14	3.70	154.82	2.74	6.38	152.99	1.21
11/15/2002	9.42	152.85	2.18	2.74	153.29	7.75	7.93	154.41	4.72	4.40	154.24	3.98	4.15	154.37	4.04	6.68	152.69	1.50
12/17/2002	8.12	154.15	0.88	1.38	154.65	2.36	6.30	156.04	0.84	2.83	155.81	1.87	2.55	155.97	1.09	5.28	154.09	1.41
1/17/2003	8.59	153.68	1.04	NM	NM	NM	6.00	156.34	0.73	2.50	156.14	1.14	NM	NM	NM	5.53	153.84	0.83
2/12/2003	7.36	154.91	0.71	NM	NM	NM	4.60	157.74	0.86	NM	NM	NM	NM	NM	NM	4.62	154.75	0.63
3/20/2003	7.58	154.69	1.17	NM	NM	NM	5.42	156.92	1.03	NM	NM	NM	NM	NM	NM	4.81	154.56	1.03
4/21/2003	8.20	154.07	0.91	0.69	155.34	3.47	5.53	156.81	1.29	2.00	156.64	3.36	1.66	156.86	4.81	5.22	154.15	0.64
5/28/2003	8.60	153.67	0.75	1.50	154.53	6.55	6.48	155.86	1.03	2.95	155.69	3.27	5.28	153.24	5.28	5.79	153.58	0.42

Notes:

Joint water level gaugiNM on former Flagship and IBM properties began on June 28, 2000, therefore, Shaw did not collect prior to this date

NM = Not Measured.

NI = Not installed as of this date.

All dissolved oxygen measurements are in mg/l.

* = DO measurement incorrect due to malfunctioning meter.

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

	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**
12/30/1996	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
4/2/1997	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
5/21/1999	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
2/9/2000	5.43	153.44	NM	5.20	153.52	NM	NG	NG	NM	5.83	153.04	NM	NM	NM	NM	6.71	153.27	NM
6/28/2000	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
8/3/2000	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
8/10/2000	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
8/31/2000	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
9/21/2000	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
10/16/2000	3.99	154.88	7.77	4.12	154.6	2.72	4.90	154.34	7.37	4.70	154.17	10.51	NM	NM	NG	5.76	154.22	3.18
11/13/2000	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
12/6/2000	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*
1/8/2001	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
2/19/2001	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
3/28/2001	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
5/16/2001	3.68	155.19	0.74	3.45	155.27	0.58	5.11	154.13	0.58	4.53	154.34	1.48	NM	NM	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
7/30/2001	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
8/16/2001	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
9/10/2001	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
10/31/2001	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
11/29/2001	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
12/13/2001	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
1/17/2002	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
2/21/2002	6.75	152.12	NM	6.63	152.09	1.36	7.68	151.56	0.72	6.96	151.91	4.07	9.18	150.32	1.22	7.82	152.16	0.65
3/20/2002	6.77	152.10	NM	6.70	152.02	NM	7.68	151.56	1.38	7.00	151.87	1.32	NM	NM	NM	7.93	152.05	0.70
4/17/2002	6.64	152.23	3.46	6.30	152.42	3.16	7.34	151.90	5.34	7.11	151.76	2.03	NM	NM	NM	7.33	152.65	2.94
5/22/2002	5.03	153.84	0.95	4.83	153.89	0.50	6.06	153.18	1.06	5.20	153.67	1.56	NM	NM	NM	6.14	153.84	0.87
09/23&24/2002	4.91	153.96	0.73	4.94	153.78	0.42	5.69	153.55	5.95	5.58	153.29	5.43	7.99	151.51	0.63	6.38	153.60	0.81
10/21/2002	3.98	154.89	0.27	4.02	154.70	0.22	5.54	153.70	1.09	4.00	154.87	8.60	5.94	153.56	2.18	5.23	154.75	0.33
11/15/2002	4.55	154.32	0.83	4.35	154.37	0.77	4.91	154.33	6.02	4.88	153.99	2.95	7.29	152.21	1.45	5.62	154.36	1.02
12/17/2002	3.07	155.80	0.44	2.91	155.81	0.38	4.50	154.74	1.11	3.39	155.48	2.01	4.24	155.26	0.61	4.15	155.83	0.78
1/17/2003	2.82	156.05	0.77	2.61	156.11	0.67	6.02	153.22	1.08	NM	NM	NM	5.95	153.55	0.88	4.00	155.98	0.89
2/12/2003	2.65	156.22	1.13	2.61	156.11	1.04	4.28	154.96	0.87	NM	NM	NM	4.49	155.01	0.55	2.98	157.00	0.66
3/20/2003	2.20	156.67	1.43	2.00	156.72	1.28	NM	NM	NM	NM	NM	NM	2.55	156.95	0.77	3.26	156.72	0.91
4/21/2003	2.35	156.52	NM	2.18	156.54	NM	3.80	155.44	2.49	2.63	156.24	1.85	5.86	153.64	1.61	3.54	156.44	1.44
5/28/2003	3.21	155.66	8.81	3.04	155.68	1.06	4.70	154.54	6.97	3.50	155.37	10.82	5.29	154.21	1.04	4.42	155.56	0.89
Notes:																		

Joint water level gaugiNM on former Flagship and IBM properties began on June 28, 2000, therefore, Shaw did not collect prior to this date

NM = Not Measured.

NI = Not installed as of this date.

All dissolved oxygen measurements are in mg/l.

* = DO measurement incorrect due to malfunctioning meter.

Red = corrected groundwater elevation measurement

TABLE 4
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**
12/30/1996	3.58	156.08	NM	2.45	156.64	NM	2.31	155.51	NM	NM	NM	NM	NM	NM	NM
4/2/1997	3.58	156.08	NM	2.43	156.66	NM	2.27	155.55	NM	6.31	154.77	NM	NM	NM	NM
5/21/1999	5.10	154.56	9.09	4.00	155.09	9.86	3.29	154.53	14.69	7.68	153.4	13.17	NM	NM	NI
2/9/2000	NM	NM	NM	NM	NM	NM	4.89	152.93	NM	8.86	152.22	NM	NM	NM	NM
6/28/2000	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
8/3/2000	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
8/10/2000	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
8/31/2000	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
9/21/2000	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
10/16/2000	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
11/13/2000	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
12/6/2000	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
1/8/2001	6.00	153.66	2.51	NM	NM	NM	5.60	152.22	2.73	8.25	152.83	0.44	NM	NM	NM
2/19/2001	9.31	150.35	1.22	NM	NM	NM	3.94	153.88	8.71	7.81	153.27	3.28	NM	NM	NM
3/28/2001	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
5/16/2001	NM	NM	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
7/30/2001	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
8/16/2001	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
9/10/2001	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
10/31/2001	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
11/29/2001	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
12/13/2001	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
1/17/2002	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
2/21/2002	7.58	152.08	1.92	6.91	152.18	0.70	6.04	151.78	1.19	9.77	151.31	0.41	6.17	151.29	1.86
3/20/2002	NM	NM	NM	6.92	152.17	0.90	6.01	151.81	96.00	9.70	151.38	0.63	6.18	151.28	1.51
4/17/2002	NM	NM	NM	6.35	152.74	1.48	NM	NM	NM	9.22	151.86	1.61	5.72	151.74	4.96
5/22/2002	NM	NM	NM	4.64	154.45	0.85	NM	NM	NM	8.15	152.93	0.62	4.67	152.79	0.38
09/23&24/202	6.04	153.62	1.34	5.24	153.85	0.73	4.60	153.22	NM	8.60	152.48	1.97	5.24	152.22	0.47
10/21/2002	4.85	154.81	1.53	4.12	154.97	0.44	NM	NM	NM	7.59	153.49	3.93	4.23	153.23	1.73
11/15/2002	5.27	154.39	2.64	4.46	154.63	2.64	NM	NM	NM	7.94	153.14	2.09	4.50	152.96	0.83
12/17/2002	4.08	155.58	0.55	4.70	154.39	0.62	NM	NM	NM	6.60	154.48	0.99	3.15	154.31	1.22
1/17/2003	4.17	155.49	1.01	NM	NM	NM	NM	NM	NM	6.60	154.48	0.97	3.30	154.16	0.96
2/12/2003	4.26	155.40	0.83	NM (snow)	NM (snow)	NM (snow)	2.38	155.44	0.91	6.04	155.04	1.05	3.62	153.84	0.80
3/20/2003	2.97	156.69	0.69	2.44	156.65	0.79	1.46	156.36	1.13	5.91	155.17	1.06	2.50	154.96	0.71
4/21/2003	3.22	156.44	1.78	2.11	156.98	1.85	1.56	156.26	1.32	6.28	154.80	2.07	2.90	154.56	2.03
5/28/2003	3.83	155.83	0.97	3.03	156.06	0.85	2.49	155.33	1.92	6.90	154.18	0.32	3.46	154.00	0.34

Notes:
Joint water level gauging on former Flagship and IBM properties began on June 28, 2000, therefore, Shaw did not collect prior to this date.
NM = Not Measured.
All dissolved oxygen measurements are in mg/l.
* = DO measurement incorrect due to malfunctioning meter.

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

	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**
6/28/2000	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
8/3/2000	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
8/10/2000	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
8/31/2000	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
9/21/2000	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
10/16/2000	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
11/13/2000	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
12/6/2000	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*
1/8/2001	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
2/19/2001	5.30	152.56	2.34	5.50	151.90	4.90	6.96	152.18	6.41	NM	NM	NM	NM	NM	NM
3/28/2001	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
5/16/2001	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
7/30/2001	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
8/16/2001	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
9/10/2001	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
10/31/2001	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
11/29/2001	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
12/13/2001	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
1/17/2002	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
2/21/2002	6.97	150.89	75.00	7.07	150.33	5.86	8.52	150.52	2.57	8.24	150.52	1.26	4.43	150.51	1.10
3/20/2002	6.99	150.87	0.37	7.08	150.32	3.28	8.55	150.49	1.71	8.30	150.46	0.57	4.40	150.54	0.39
4/17/2002	6.54	151.32	1.42	6.71	150.69	4.21	8.22	150.82	1.59	7.94	150.82	1.58	3.93	151.01	1.19
5/22/2002	5.50	152.36	1.02	5.70	151.70	3.62	7.15	151.83	1.78	6.93	151.83	1.47	3.16	151.78	1.81
09/23&24/2002	6.06	151.80	0.63	6.31	151.09	1.64	7.76	151.22	0.36	7.55	151.21	0.28	3.68	151.26	0.35
10/21/2002	5.00	152.86	0.87	5.28	152.12	4.39	6.69	152.29	5.98	6.52	152.24	0.72	2.81	152.13	0.47
11/15/2002	5.43	152.43	2.07	5.72	151.68	4.35	7.15	151.83	4.33	6.93	151.83	1.01	3.25	151.69	1.16
12/17/2002	4.23	153.63	0.76	4.70	152.70	5.92	5.92	153.06	1.04	5.75	153.01	1.24	2.03	152.91	1.23
1/17/2003	4.62	153.24	0.68	NM	NM	NM	6.25	152.73	0.53	6.02	152.74	0.52	2.21	152.73	0.93
2/12/2003	5.15	152.71	0.61	NM (snow)	NM (snow)	NM (snow)	6.43	152.55	0.74	6.05	152.71	1.01	2.01	152.93	0.48
3/20/2003	3.76	154.10	0.49	4.23	153.17	0.87	5.46	153.52	1.01	5.26	153.50	0.63	0.98	153.96	0.52
4/21/2003	4.27	153.59	1.04	4.79	152.61	5.19	6.05	152.93	0.97	5.25	153.51	1.14	2.25	152.69	2.54
5/28/2003	New Lock	New Lock	New Lock	New Lock	New Lock	New Lock	New Lock	New Lock	New Lock	New Lock	New Lock	New Lock	2.60	152.34	0.37

Notes:
Joint water level gauging on former Flagship and IBM properties began on June 28, 2000, therefore, Shaw did not collect prior to this date.
NM = Not Measured.

All dissolved oxygen measurements are in mg/l.
* = DO measurement incorrect due to malfunctioning meter.

TABLE 4
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
6/28/2000	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
8/3/2000	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
8/10/2000	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
8/31/2000	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
9/21/2000	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
10/16/2000	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
11/13/2000	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
12/6/2000	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
1/8/2001	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
2/19/2001	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
3/28/2001	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
5/16/2001	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
7/30/2001	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
8/16/2001	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
9/10/2001	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
10/31/2001	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
11/29/2001	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
12/13/2001	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
1/17/2002	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
2/21/2002	6.89	150.85	1.14	8.88	150.63	0.97	9.81	151.22	0.19	9.51	151.13	0.72	8.12	151.28	0.50	6.78	151.11	0.42	5.65	149.68	NM
3/20/2002	6.90	150.84	0.41	8.92	150.59	0.59	9.78	151.25	0.28	10.22	150.42	0.27	9.71	149.69	0.49	7.60	150.29	0.75	5.80	149.53	1.35
4/17/2002	6.45	151.29	1.74	8.50	151.01	0.87	9.94	151.09	2.33	9.79	150.85	1.37	9.33	150.07	1.53	7.20	150.69	1.52	5.21	150.12	1.93
5/22/2002	5.57	152.17	1.05	7.42	152.09	6.42	8.25	152.14	0.52	8.13	151.84	0.71	6.86	150.99	0.47	5.31	151.75	0.57	5.06	150.27	0.96
09/23&24/2002	6.06	151.68	0.39	8.07	151.44	1.84	9.43	150.96	0.21	9.62	150.35	0.43	8.78	149.07	0.41	6.67	150.39	0.51	4.94	150.39	0.84
10/21/2002	5.13	152.61	1.20	6.91	152.60	7.85	8.40	151.99	0.75	8.79	151.18	0.43	7.88	149.97	0.47	5.65	151.41	0.77	4.30	151.03	0.77
11/15/2002	5.48	152.26	1.13	7.43	152.08	7.99	8.72	151.67	1.71	8.67	151.30	1.79	8.14	149.71	0.98	5.98	151.08	2.35	4.53	150.80	2.35
12/17/2002	4.28	153.46	1.38	6.15	153.36	0.72	7.40	152.99	0.91	7.51	152.46	1.16	6.74	151.11	0.93	4.62	152.44	1.08	3.87	151.46	0.91
1/17/2003	4.44	153.30	0.47	6.60	152.91	0.73	7.42	152.97	0.89	7.81	152.16	0.91	6.83	151.02	0.86	4.67	152.39	0.55	4.08	151.25	0.71
2/12/2003	5.87	151.87	0.59	6.81	152.70	0.85	6.70	153.69	0.64	6.75	153.22	0.88	6.56	151.29	0.51	5.38	151.68	0.73	2.43	152.90	0.81
3/20/2003	3.78	153.96	0.46	3.87	155.64	0.63	6.75	153.64	0.84	5.31	154.66	0.81	5.99	151.86	0.66	4.03	153.03	0.77	1.87	153.46	0.61
4/21/2003	4.20	153.54	2.01	6.40	153.11	1.43	7.14	153.25	1.11	7.61	152.36	1.03	6.37	151.48	1.43	4.40	152.66	1.08	3.96	151.37	1.50
5/28/2003	4.66	153.08	0.40	NG (Lock)	NG (Lock)	NG (Lock)	NG (Lock)	NG (Lock)	NG (Lock)	NG (Lock)	NG (Lock)	NG (Lock)	6.98	153.97 (1)	1.05	5.02	153.70 (1)	1.21	4.16	151.17	0.42

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.

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.

=CORRECTED GROUNDWATER ELEVATIONS

TABLE 5
ANALYTICAL RESULTS OVERBURDEN MONITORING WELLS -May 28, 2003
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	MW-10	MW-20	DG-1	Septic	DUP 1 (A-42S)
pH	6.5-8.5	NS	NS	NS	NS	NS	NS	7.03	NS	NS	6.67	NS	7.38	6.61	6.44	7.11	NS	NS	7.01
Temperature (deg Celcius)	--	NS	NS	NS	NS	NS	NS	14.76	NS	NS	14.74	NS	15.14	14.24	15.48	12.77	NS	NS	16.92
Conductivity (umhos/cm)	--	NS	NS	NS	NS	NS	NS	0.595	NS	NS	1.022	NS	0.546	0.663	1.14	0.56	NS	NS	0.061
Turbidity (NTU)	5	NS	NS	NS	NS	NS	NS	73.9	NS	NS	6.8	NS	25.2	52.9	28.7	122.6	NS	NS	33.2
Dissolved Oxygen (ppm)	--	10.82	1.04	0.89	0.97	0.85	1.92	0.32	6.55	1.03	3.27	5.28	0.42	8.81	1.06	2.82	0.75	NS	1.05
Volatile Organic Compound by ASP/CLP Method (ug/L)																			
Vinyl Chloride	2	NS	NS	NS	NS	NS	NS	1U	NS	NS	1U	NS	0.6J	10U	10U	1U	NS	NS	**110**
Chloroethane	5	NS	NS	NS	NS	NS	NS	1U	NS	NS	1U	NS	1U	10U	10U	1U	NS	NS	**5.0**
Acetone	--	NS	NS	NS	NS	NS	NS	1U	NS	NS	1U	NS	1U	10U	10U	1U	NS	NS	25U
Carbon Disulfide	--	NS	NS	NS	NS	NS	NS	5U	NS	NS	5U	NS	5U	50U	50U	5U	NS	NS	5U
1,1-Dichloroethane	5	NS	NS	NS	NS	NS	NS	1U	NS	NS	1U	NS	0.8J	10U	7J	1U	NS	NS	**2J**
1,2-Dichloroethene, Total	5	NS	NS	NS	NS	NS	NS	1U	NS	NS	1U	NS	0.61	10U	**12**	1U	NS	NS	**8**
MEK (2-Butanone)	50	NS	NS	NS	NS	NS	NS	1U	NS	NS	1U	NS	0.61	50U	12	1U	NS	NS	25U
Toluene	5	NS	NS	NS	NS	NS	NS	5U	NS	NS	5U	NS	5U	10U	50U	5U	NS	NS	**6**
Ethylbenzene	5	NS	NS	NS	NS	NS	NS	1U	NS	NS	1U	NS	1U	10U	10U	1U	NS	NS	2J
Total Xylenes	5	NS	NS	NS	NS	NS	NS	1U	NS	NS	1U	NS	1U	**10**	**10**	1U	NS	NS	**22**
Tetrachloroethene	5	NS	NS	NS	NS	NS	NS	1U	NS	NS	1U	NS	1U	**34**	**71**	1U	NS	NS	**96**
Semi-Volatile Organic Compound by ASP/CLP Method (ug/L)																			
Phenol	1 (3)	NS	NS	NS	NS	NS	NS	10U	NS	NS	10U	NS	10U	**5J**	**9J**	10U	NS	NS	**53**
2,4-Dimethylphenol	1 (3)	NS	NS	NS	NS	NS	NS	10U	NS	NS	10U	NS	10U	96U	10U	10U	NS	NS	10U
4-Methylphenol	1 (3)	NS	NS	NS	NS	NS	NS	10U	NS	NS	10U	NS	10U	96U	**22**	10U	NS	NS	**190U**
Naphthalene	--	NS	NS	NS	NS	NS	NS	10U	NS	NS	10U	NS	10U	96U	**1200D**	10U	NS	NS	**810**
Phenanthrene	50	NS	NS	NS	NS	NS	NS	10U	NS	NS	10U	NS	10U	96U	10U	10U	NS	NS	190U
Pyrene	50	NS	NS	NS	NS	NS	NS	10U	NS	NS	10U	NS	10U	96U	10U	10U	NS	NS	190U
Acenaphthalene	20	NS	NS	NS	NS	NS	NS	10U	NS	NS	10U	NS	10U	96U	10U	10U	NS	NS	190U
Fluoranthene	50	NS	NS	NS	NS	NS	NS	10U	NS	NS	10U	NS	10U	96U	10U	10U	NS	NS	190U
Chrysene	0.002	NS	NS	NS	NS	NS	NS	10U	NS	NS	10U	NS	10U	96U	10U	10U	NS	NS	190U
2-Methylnaphthalene	--	NS	NS	NS	NS	NS	NS	10U	NS	NS	10U	NS	10U	16J	54	10U	NS	NS	18J
Diethyl phthalate	50	NS	NS	NS	NS	NS	NS	10U	NS	NS	10U	NS	10U	10U	10U	10U	NS	NS	190U
Butyl benzyl phthalate	50	NS	NS	NS	NS	NS	NS	10U	NS	NS	10U	NS	10U	96U	0.6J	10U	NS	NS	190U
Di-n-butyl phthalate	50	NS	NS	NS	NS	NS	NS	10U	NS	NS	10U	NS	0.51	6J	5J	10U	NS	NS	190U
Di-n-octyl phthalate	50	NS	NS	NS	NS	NS	NS	10U	NS	NS	0.3BJ	NS	10U	2J	0.5J	10U	NS	NS	190U
Bis (2-ethylhexyl) phthalate	50	NS	NS	NS	NS	NS	NS	10U	NS	NS	4BJ	NS	0.5JB	1J	5BJ	10U	NS	NS	190U

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.
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 -May 28, 2003
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	7.44	7.32	NS	7.01	7.28
Temperature (deg Celcius)	--	NS	16.11	17.25	NS	16.92	19.01
Conductivity (umhos/cm)	--	NS	0.745	0.762	NS	0.061	1.021
Turbidity (NTU)	5	NS	42.6	45.3	NS	33.2	105.3
Dissolved Oxygen (ppm)	--	NS	0.37	0.40	NS	1.05	1.21
Volatile Organic Compound by ASP/CLP Method (ug/L)							
Vinyl Chloride	2	NS	1U	1	NS	**140D**	**3**
Chloroethane	5	NS	1U	1U	NS	**5**	1U
1,1-Dichloroethane	5	NS	**14**	2	NS	**5**	**5**
1,2-Dichloroethene, Total	5	NS	0.5J	**10**	NS	**8**	1
Trichloroethene	5	NS	1U	0.3J	NS	1U	1U
Toluene	5	NS	1U	1U	NS	**6**	1U
Ethylbenzene	5	NS	1U	1U	NS	2J	1U
Xylenes, Total	5	NS	1U	1U	NS	**23D**	1U
Semi-Volatile Organic Compound by ASP/CLP Method (ug/L)							
4-Methylphenol	1	NS	10U	10U	NS	48U	10U
2,4-Dimethylphenol	5	NS	10U	10U	NS	48U	10U
Naphthalene	--	NS	10U	6J	NS	**300**	10U
4-Chloroaniline	--	NS	10U	10U	NS	48U	10U
bis-2-Ethylhexyl phthalate	5	NS	0.9J	12	NS	48U	0.8J
2-Methylnaphthalene	--	NS	10U	10U	NS	21	10U
Di-n-octyl phthalate	--	NS	0.5J	0.7J	NS	48U	0.5J

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	**NYSDEC**	**ME-12**						**ME-13**					
Compounds of Concern	**Standard (1)**	5/20/1999	6/28/2000	9/21/2000	12/7/2000	3/29/2001	6/20/2001	5/20/1999	6/28/2000	9/21/2000	12/6/2000	3/28/2001	6/20/2001
1,1-Dichloroethane	5	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
1,1,1-Trichloroethane	5	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Trichloroethene	5	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Tetrachloroethene	5	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Toluene	5	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Semi-Volatile Organic													
Compound of Concern													
Naphthalene	10	10U	9U	9U	10U	9U	10U	10U	9U	9U	9U	9U	10UR

Volatile Organic	**NYSDEC**	**ME-12**						**ME-13**					
Compounds of Concern	**Standard (1)**	9/10/2001	1/17/2002	5/22/2002	9/24/2002	1/18/2003	5/28/2003	9/10/2001	1/17/2002	5/22/2002	9/24/2002	1/18/2003	5/28/2003
1,1-Dichloroethane	5	5U	NS	NS	10U	NS	NS	5U	NS	NS	10U	NS	NS
1,1,1-Trichloroethane	5	5U	NS	NS	10U	NS	NS	5U	NS	NS	10U	NS	NS
Trichloroethene	5	5U	NS	NS	10U	NS	NS	5U	NS	NS	10U	NS	NS
Tetrachloroethene	5	5U	NS	NS	10U	NS	NS	5U	NS	NS	10U	NS	NS
Toluene	5	5U	NS	NS	10U	NS	NS	5U	NS	NS	10U	NS	NS
Semi-Volatile Organic													
Compound of Concern													
Naphthalene	10	10U	NS	NS	10U	NS	NS	10U	NS	NS	10U	NS	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.

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

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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-14**						**ME-15**					
Compounds of Concern	**Standard (1)**	5/20/1999	6/28/2000	9/21/2000	12/6/2000	3/29/2001	6/20/2001	5/20/1999	6/28/2000	9/21/2000	12/6/2000	3/28/2001	6/20/2001
1,1-Dichloroethane	5	10U	10U	10U	10U	10U	5U	10U	10U	10U	10U	10U	5U
1,1,1-Trichloroethane	5	10U	10U	10U	10U	10U	5U	10U	10U	10U	10U	10U	5U
Trichloroethene	5	10U	10U	10U	10U	10U	5U	10U	10U	10U	10U	10U	5U
Tetrachloroethene	5	**1J**	**6J**	**2J**	10U	10U	5U	10U	10U	10U	10U	10U	5U
Toluene	5	10U	10U	10U	10U	10U	5U	10U	10U	10U	10U	10U	5U
Semi-Volatile Organic													
Compound of Concern													
Naphthalene	10	10U	9U	9U	10U	9U	10U	10U	**0.7J**	9UJ	9U	10U	10U

Volatile Organic	**NYSDEC**	**ME-14**						**ME-15**					
Compounds of Concern	**Standard (1)**	9/10/2001	1/17/2002	5/22/2002	9/24/2002	1/18/2003	5/28/2003	9/10/2001	1/17/2002	5/22/2002	9/24/2002	1/18/2003	5/28/2003
1,1-Dichloroethane	5	5U	NS	NS	10U	NS	NS	5U	NS	NS	10U	NS	NS
1,1,1-Trichloroethane	5	5U	NS	NS	10U	NS	NS	5U	NS	NS	10U	NS	NS
Trichloroethene	5	5U	NS	NS	10U	NS	NS	5U	NS	NS	10U	NS	NS
Tetrachloroethene	5	5U	NS	NS	10U	NS	NS	5U	NS	NS	10U	NS	NS
Toluene	5	5U	NS	NS	10U	NS	NS	5U	NS	NS	10U	NS	NS
Semi-Volatile Organic													
Compound of Concern													
Naphthalene	10	10U	NS	NS	10U	NS	NS	10U	NS	NS	10U	NS	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.

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

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

NS = Not Sampled.

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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-16**						**ME-18**					
Compounds of Concern	**Standard (1)**	5/20/1999	6/28/2000	9/21/2000	12/6/2000	3/28/2001	6/20/2001	5/20/1999	6/28/2000	9/21/2000	12/7/2000	3/29/2001	6/20/2001
1,1-Dichloroethane	5	10U	10U	10U	10U	10U	5U	**6J**	10U	10U	10U	10U	5U
1,1,1-Trichloroethane	5	10U	10U	10U	10U	10U	5U	10U	10U	10U	10U	10U	5U
Trichloroethene	5	10U	10U	10U	10U	10U	5U	10U	10U	10U	10U	10U	5U
Tetrachloroethene	5	10U	10U	10U	10U	10U	5U	10U	10U	10U	10U	10U	5U
Toluene	5	10U	10U	10U	10U	10U	5U	10U	10U	10U	10U	10U	5U
Semi-Volatile Organic													
Compound of Concern													
Naphthalene	10	10U	10U	50U	10U	47U	10U	**11**	**5J**	9U	10U	9U	10U

Volatile Organic	**NYSDEC**	**ME-16**						**ME-18**					
Compounds of Concern	**Standard (1)**	9/10/2001	1/17/2002	5/22/2002	9/24/2002	1/18/2003	5/28/2003	9/10/2001	1/17/2002	5/22/2002	9/24/2002	1/18/2003	5/28/2003
1,1-Dichloroethane	5	5U	NS	NS	10U	NS	NS	5U	NS	NS	10U	NS	NS
1,1,1-Trichloroethane	5	5U	NS	NS	10U	NS	NS	5U	NS	NS	10U	NS	NS
Trichloroethene	5	5U	NS	NS	10U	NS	NS	5U	NS	NS	10U	NS	NS
Tetrachloroethene	5	5U	NS	NS	10U	NS	NS	5U	NS	NS	10U	NS	NS
Toluene	5	5U	NS	NS	10U	NS	NS	5U	NS	NS	10U	NS	NS
Semi-Volatile Organic													
Compound of Concern													
Naphthalene	10	10U	NS	NS	10U	NS	NS	10U	NS	NS	11U	NS	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.

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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-19**						**MW-1**					
Compounds of Concern	**Standard (1)**	5/20/1999	6/28/2000	9/21/2000	12/6/2000	3/28/2001	6/20/2001	5/20/1999	6/28/2000	9/21/2000	12/6/2000	3/29/2001	6/20/2001
1,1-Dichloroethane	5	**11**	10U	10U	10U	10U	5U	10U	10U	10U	10U	10U	5U
1,1,1-Trichloroethane	5	10U	10U	10U	10U	10U	5U	10U	10U	10U	10U	10U	5U
Trichloroethene	5	10U	10U	10U	10U	10U	5U	10U	10U	10U	10U	10U	5U
Tetrachloroethene	5	**3J**	10U	10U	10U	10U	5U	10U	10U	10U	10U	10U	5U
Toluene	5	10U	10U	10U	10U	10U	5U	10U	10U	10U	10U	10U	5U
Semi-Volatile Organic													
Compound of Concern													
Naphthalene	10	**30**	9U	**1J**	10U	**6J**	**10U**	10U	9U	9U	10U	9U	10U

Volatile Organic	**NYSDEC**	**ME-19**						**MW-1**					
Compounds of Concern	**Standard (1)**	9/10/2001	1/17/2002	5/22/2002	9/24/2002	1/18/2003	5/28/2003	9/10/2001	1/17/2002	5/22/2002	9/24/2002	1/18/2003	5/28/2003
1,1-Dichloroethane	5	5U	10U	10U	10U	1U	1U	5U	NS	NS	10U	NS	NS
1,1,1-Trichloroethane	5	5U	10U	10U	10U	1U	1U	5U	NS	NS	10U	NS	NS
Trichloroethene	5	5U	10U	10U	10U	1U	1U	5U	NS	NS	10U	NS	NS
Tetrachloroethene	5	5U	10U	10U	10U	1U	1U	5U	NS	NS	10U	NS	NS
Toluene	5	5U	10U	10U	10U	1U	1U	5U	NS	NS	10U	NS	NS
Semi-Volatile Organic													
Compound of Concern													
Naphthalene	10	**2J**	10U	10U	10U	10U	10U	10U	NS	NS	10U	NS	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.

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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)**	5/20/1999	6/28/2000	9/21/2000	12/7/2000	3/29/2001	6/20/2001	5/20/1999	6/28/2000	9/21/2000	12/7/2000	3/29/2001	6/20/2001
1,1-Dichloroethane	5	10U	10U	10U	10U	10U	5U	10U	10U	10U	10U	10U	5U
1,1,1-Trichloroethane	5	10U	10U	10U	10U	10U	5U	10U	10U	10U	10U	10U	5U
Trichloroethene	5	10U	10U	10U	10U	10U	5U	10U	10U	10U	10U	10U	5U
Tetrachloroethene	5	10U	10U	10U	10U	10U	5U	**4J**	**5J**	**18**	10U	10U	5U
Toluene	5	10U	10U	10U	10U	10U	5U	10U	10U	10U	10U	10U	5U
Semi-Volatile Organic													
Compound of Concern													
Naphthalene	10	10U	9U	9U	10U	10U	10U	**39**	**10**	9U	10U	10U	10U

Volatile Organic	**NYSDEC**	**MW-2**						**MW-6**					
Compounds of Concern	**Standard (1)**	9/10/2001	1/17/2002	5/22/2002	9/24/2002	1/18/2003	5/28/2003	9/10/2001	1/17/2002	5/22/2002	9/24/2002	1/18/2003	5/28/2003
1,1-Dichloroethane	5	5U	NS	NS	10U	NS	NS	5U	10U	10U	10U	1U	1U
1,1,1-Trichloroethane	5	5U	NS	NS	10U	NS	NS	5U	10U	10U	10U	1U	1U
Trichloroethene	5	5U	NS	NS	10U	NS	NS	5U	10U	10U	10U	1U	1U
Tetrachloroethene	5	5U	NS	NS	10U	NS	NS	5U	**10**	10U	10U	1U	1U
Toluene	5	5U	NS	NS	10U	NS	NS	5U	10U	10U	10U	1U	1U
Semi-Volatile Organic													
Compound of Concern													
Naphthalene	10	10U	NS	NS	10U	NS	NS	10U	**40**	10U	**62**	1U	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-7A**						**MW-8**					
Compounds of Concern	**Standard (1)**	5/20/1999	6/28/2000	9/21/2000	12/7/2000	3/29/2001	6/20/2001	5/20/1999	6/28/2000	9/21/2000	12/7/2000	3/29/2001	6/20/2001
1,1-Dichloroethane	5	10U	10U	10U	10U	10U	5U	10U	10U	**1J**	**2J**	**2J**	5U
1,1,1-Trichloroethane	5	10U	10U	10U	10U	10U	5U	10U	10U	10U	10U	10U	5U
Trichloroethene	5	10U	10U	10U	10U	10U	5U	10U	10U	10U	10U	10U	5U
Tetrachloroethene	5	10U	10U	10U	10U	10U	5U	10U	**3J**	10U	10U	10U	5U
Toluene	5	10U	10U	10U	10U	10U	5U	10U	10U	10U	10U	10U	5U
Semi-Volatile Organic													
Compound of Concern													
Naphthalene	10	10U	9U	9U	10U	9U	10U	10U	**7J**	9U	9U	10U	10U

Volatile Organic	**NYSDEC**	**MW-7A**						**MW-8**					
Compounds of Concern	**Standard (1)**	9/10/2001	1/17/2002	5/22/2002	9/24/2002	1/18/2003	5/28/2003	9/10/2001	1/17/2002	5/22/2002	9/24/2002	1/18/2003	5/28/2003
1,1-Dichloroethane	5	5U	NS	NS	10U	NS	NS	**2J**	10U	10U	10U	**0.6J**	**0.8J**
1,1,1-Trichloroethane	5	5U	NS	NS	10U	NS	NS	5U	10U	10U	10U	1U	1U
Trichloroethene	5	5U	NS	NS	10U	NS	NS	5U	10U	10U	10U	1U	1U
Tetrachloroethene	5	5U	NS	NS	10U	NS	NS	5U	10U	10U	10U	1U	1U
Toluene	5	5U	NS	NS	10U	NS	NS	5U	10U	10U	10U	1U	1U
Semi-Volatile Organic													
Compound of Concern													
Naphthalene	10	**1J**	NS	NS	10U	NS	NS	10U	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.

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

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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)**	5/20/1999	6/28/2000	9/21/2000	12/7/2000	3/29/2001	6/20/2001	5/20/1999	6/28/2000	9/21/2000	12/7/2000	3/29/2001	6/20/2001
1,1-Dichloroethane	5	**530**	**99**	**170J**	**160J**	**20J**	**210**	**61**	**39J**	**8J**	**5J**	**10J**	**11**
1,1,1-Trichloroethane	5	**150**	**24**	**45J**	**25J**	200U	**61**	**29**	40U	40U	40U	**5J**	25U
Trichloroethene	5	10U	**2J**	200U	200U	200U	25U	**13J**	40U	40U	40U	40U	25U
Tetrachloroethene	5	**490**	**56D**	**680**	**260**	**210**	**340**	**250**	40U	**36J**	**52**	**44**	**53**
Toluene	5	40U	**9J**	**25J**	200U	200U	**30**	10U	40U	40U	10U	40U	**3J**
Semi-Volatile Organic													
Compound of Concern													
Naphthalene	10	**1100D**	**710D**	**9600D**	**2200D**	**1000D**	**3300UR**	**19**	**88**	**140**	**410**	52U	**3200J**

Volatile Organic	**NYSDEC**	**MW-9**						**MW-10**					
Compounds of Concern	**Standard (1)**	9/10/2001	1/17/2002	5/22/2002	9/24/2002	1/18/2003	5/28/2003	9/10/2001	1/17/2002	5/22/2002	9/24/2002	1/18/2003	5/28/2003
1,1-Dichloroethane	5	**190**	200U	**7J**	10U	**7J**	**3J**	**27**	**7J**	10U	**10U**	**3J**	**10U**
1,1,1-Trichloroethane	5	**27**	200U	10U	10U	10U	10U	**1J**	**4J**	10U	10U	10U	10U
Trichloroethene	5	5U	200U	10U	10U	10U	10U	25U	10U	10U	10U	10U	10U
Tetrachloroethene	5	**240**	**280**	**74**	**70**	**95**	**34**	**97**	**74**	**43**	**26**	**54**	**71**
Toluene	5	**22**	200U	2J	10U	4J	10U	**5**	10U	10U	10U	10U	10U
Semi-Volatile Organic													
Compound of Concern													
Naphthalene	10	**1200**	**170**	**340D**	**260**	**1200D**	**96U**	**430**	**55**	**8JD**	10U	**530D**	**1200D**

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.

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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)**	5/20/1999	6/28/2000	9/21/2000	12/7/2000	3/28/2001	6/20/2001	5/20/1999	6/28/2000	9/21/2000	12/6/2000	3/28/2001	6/20/2001
1,1-Dichloroethane	5	NI	10U	10U	10U	10U	5U	10U	10U	10U	10U	10U	5U
1,1,1-Trichloroethane	5	NI	10U	10U	10U	10U	5U	10U	10U	10U	10U	10U	5U
Trichloroethene	5	NI	10U	10U	10U	10U	5U	10U	10U	10U	10U	10U	5U
Tetrachloroethene	5	NI	10U	10U	10U	10U	5U	10U	10U	10U	10U	10U	5U
Toluene	5	NI	10U	10U	10U	10U	5U	10U	10U	10U	10U	10U	5U
Semi-Volatile Organic													
Compound of Concern													
Naphthalene	10	NI	**57**	9U	10U	9U	10U	10U	9U	9U	9U	9U	10U

Volatile Organic	**NYSDEC**	**MW-20**						**DG-1**					
Compounds of Concern	**Standard (1)**	9/10/2001	1/17/2002	5/22/2002	9/24/2002	1/18/2003	5/28/2003	9/10/2001	1/17/2002	5/22/2002	9/24/2002	1/18/2003	5/28/2003
1,1-Dichloroethane	5	5U	10U	10U	10U	1U	1U	5U	NS	NS	10U	NS	NS
1,1,1-Trichloroethane	5	5U	10U	10U	10U	1U	1U	5U	NS	NS	10U	NS	NS
Trichloroethene	5	5U	10U	10U	10U	1U	1U	5U	NS	NS	10U	NS	NS
Tetrachloroethene	5	5U	10U	10U	10U	1U	1U	5U	NS	NS	10U	NS	NS
Toluene	5	5U	10U	10U	10U	1U	1U	5U	NS	NS	10U	NS	NS
Semi-Volatile Organic													
Compound of Concern													
Naphthalene	10	10U	10U	10U	**60**	10U	10U	10U	NS	NS	10U	NS	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)**	5/20/1999	6/28/2000	9/21/2000	12/6/2000	3/29/2001	6/20/2001	5/20/1999	6/28/2000	9/21/2000	12/6/2000	3/28/2001	6/20/2001
1,1-Dichloroethane	5	10U	NS	10UJ	10U	10U	5U	NI	10U	10U	10U	10U	5U
1,1,1-Trichloroethane	5	10U	NS	10UJ	10U	10U	5U	NI	10U	10U	10U	10U	5U
Trichloroethene	5	10U	NS	10UJ	10U	10U	5U	NI	10U	10U	10U	10U	5U
Tetrachloroethene	5	10U	NS	10UJ	10U	10U	5U	NI	10U	10U	10U	10U	5U
Toluene	5	10U	NS	10UJ	10U	10U	5U	NI	10U	10U	10U	10U	5U
Semi-Volatile Organic													
Compound of Concern													
Naphthalene	10	10U	NS	9UR	10U	10U	10U	NI	9U	9UJ	9U	9U	10U

Volatile Organic	**NYSDEC**	**Septic Tank/Sanitary Sewer**						**A-8S**					
Compounds of Concern	**Standard (1)**	9/10/2001	1/17/2002	5/22/2002	9/24/2002	1/18/2003	5/28/2003	9/10/2001	1/17/2002	5/22/2002	9/24/2020	1/18/2003	5/28/2003
1,1-Dichloroethane	5	5U	NS	NS	10U	NS	NS	5U	NS	NS	10U	NS	NS
1,1,1-Trichloroethane	5	5U	NS	NS	10U	NS	NS	5U	NS	NS	10U	NS	NS
Trichloroethene	5	5U	NS	NS	10U	NS	NS	5U	NS	NS	10U	NS	NS
Tetrachloroethene	5	5U	NS	NS	10U	NS	NS	5U	NS	NS	10U	NS	NS
Toluene	5	5U	NS	NS	10U	NS	NS	5U	NS	NS	10U	NS	NS
Semi-Volatile Organic													
Compound of Concern													
Naphthalene	10	10U	NS	NS	10U	NS	NS	10U	NS	NS	10U	NS	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)**	5/20/1999	6/28/2000	9/21/2000	12/7/2000	3/28/2001	6/20/2001	5/20/1999	6/28/2000	9/21/2000	12/7/2000	3/28/2001	6/20/2001
1,1-Dichloroethane	5	NI	**14**	**16**	**17**	**14**	**17**	NI	**2J**	**3J**	**4J**	**4J**	**3J**
1,1,1-Trichloroethane	5	NI	10U	10U	10U	10U	5U	NI	10U	10U	10U	10U	5U
Trichloroethene	5	NI	10U	10U	10U	10U	5U	NI	10U	10U	10U	10U	5U
Tetrachloroethene	5	NI	10U	10U	10U	10U	5U	NI	10U	10U	10U	10U	5U
Toluene	5	NI	10U	10U	10U	10U	5U	NI	10U	10U	10U	10U	5U
Semi-Volatile Organic													
Compound of Concern													
Naphthalene	10	NI	9U	9UJ	10U	10U	10U	NI	**83D**	**1J**	**18**	**23**	**40U**

Volatile Organic	**NYSDEC**	**A-26S**						**A-27S**					
Compounds of Concern	**Standard (1)**	9/10/2001	1/17/2002	5/22/2002	9/24/2002	1/18/2003	5/28/2003	9/10/2001	1/17/2002	5/22/2002	9/24/2002	1/18/2003	5/28/2003
1,1-Dichloroethane	5	**16**	**14**	**17**	10U	1U	**14**	5U	**2J**	10U	10U	**2**	**2**
1,1,1-Trichloroethane	5	5U	10U	10U	10U	1U	1U	5U	10U	10U	10U	1U	1U
Trichloroethene	5	5U	10U	10U	10U	1U	1U	5U	10U	10U	10U	1U	1U
Tetrachloroethene	5	5U	10U	10U	10U	1U	1U	5U	10U	10U	10U	1U	1U
Toluene	5	5U	10U	10U	10U	1U	1U	5U	10U	10U	10U	1U	1U
Semi-Volatile Organic													
Compound of Concern													
Naphthalene	10	10U	12U	10U	10U	10U	10U	**9J**	**4J**	**6J**	10U	10U	**2J**

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)**	5/20/1999	6/28/2000	9/21/2000	12/6/2000	3/28/2001	6/20/2001	5/20/1999	6/28/2000	9/21/2000	12/7/2000	3/28/2001	6/20/2001
1,1-Dichloroethane	5	NI	10U	10U	10U	10U	5U	NI	40U	**11**	**16J**	**4J**	**2J**
1,1,1-Trichloroethane	5	NI	10U	10U	10U	10U	5U	NI	40U	10U	40U	10U	5U
Trichloroethene	5	NI	10U	10U	10U	10U	5U	NI	40U	10U	10U	10U	5U
Tetrachloroethene	5	NI	10U	10U	10U	10U	5U	NI	40U	10U	40U	10U	5U
Toluene	5	NI	10U	10U	10U	10U	5U	NI	**8J**	**22**	**15J**	**2J**	**4J**
Semi-Volatile Organic													
Compound of Concern													
Naphthalene	10	NI	10U	9UJ	10U	9U	10U	NI	**760D**	**1200D**	**1100D**	**550**	**770**

Volatile Organic	**NYSDEC**	**A-41S**						**A-42S**					
Compounds of Concern	**Standard (1)**	9/10/2001	1/17/2002	5/22/2002	9/24/2002	1/18/2003	5/28/2003	9/10/2001	1/17/2002	5/22/2002	9/24/2002	1/18/2003	5/28/2003
1,1-Dichloroethane	5	5U	NS	NS	NS	NS	NS	**11**	**21**	**11**	**5J**	**5**	4U
1,1,1-Trichloroethane	5	5U	NS	NS	NS	NS	NS	5U	10U	10U	10U	1U	4U
Trichloroethene	5	5U	NS	NS	NS	NS	NS	5U	10U	10U	10U	1U	4U
Tetrachloroethene	5	5U	NS	NS	NS	NS	NS	5U	10U	10U	10U	1U	4U
Toluene	5	5U	NS	NS	NS	NS	NS	**8**	**10J**	**10**	10U	**3**	**6**
Semi-Volatile Organic													
Compound of Concern													
Naphthalene	10	10U	NS	NS	NS	NS	NS	**480**	**1200**	**1300D**	**870**	**250D**	**1000D**

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-43S**					
Compounds of Concern	**Standard (1)**	5/20/1999	6/28/2000	9/21/2000	12/7/2000	3/28/2001	6/20/2001
1,1-Dichloroethane	5	NI	**2J**	**1J**	**1J**	**2J**	5U
1,1,1-Trichloroethane	5	NI	10U	10U	10U	10U	5U
Trichloroethene	5	NI	10U	10U	10U	10U	5U
Tetrachloroethene	5	NI	10U	10U	10U	10U	5U
Toluene	5	NI	10U	10U	10U	10U	5U
Semi-Volatile Organic							
Compound of Concern							
Naphthalene	10	NI	9U	9UJ	10U	10U	10U

Volatile Organic	**NYSDEC**	**A-43S**					
Compounds of Concern	**Standard (1)**	9/10/2001	1/17/2002	5/22/2002	9/24/2002	1/18/2003	05/228/03
1,1-Dichloroethane	5	**2J**	**3J**	**4J**	10U	**5**	3
1,1,1-Trichloroethane	5	5U	10U	10U	10U	1U	1U
Trichloroethene	5	5U	10U	10U	10U	1U	1U
Tetrachloroethene	5	5U	10U	10U	10U	1U	1U
Toluene	5	5U	10U	10U	10U	1U	1U
Semi-Volatile Organic							
Compound of Concern							
Naphthalene	10	10U	10U	**10UJ**	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.

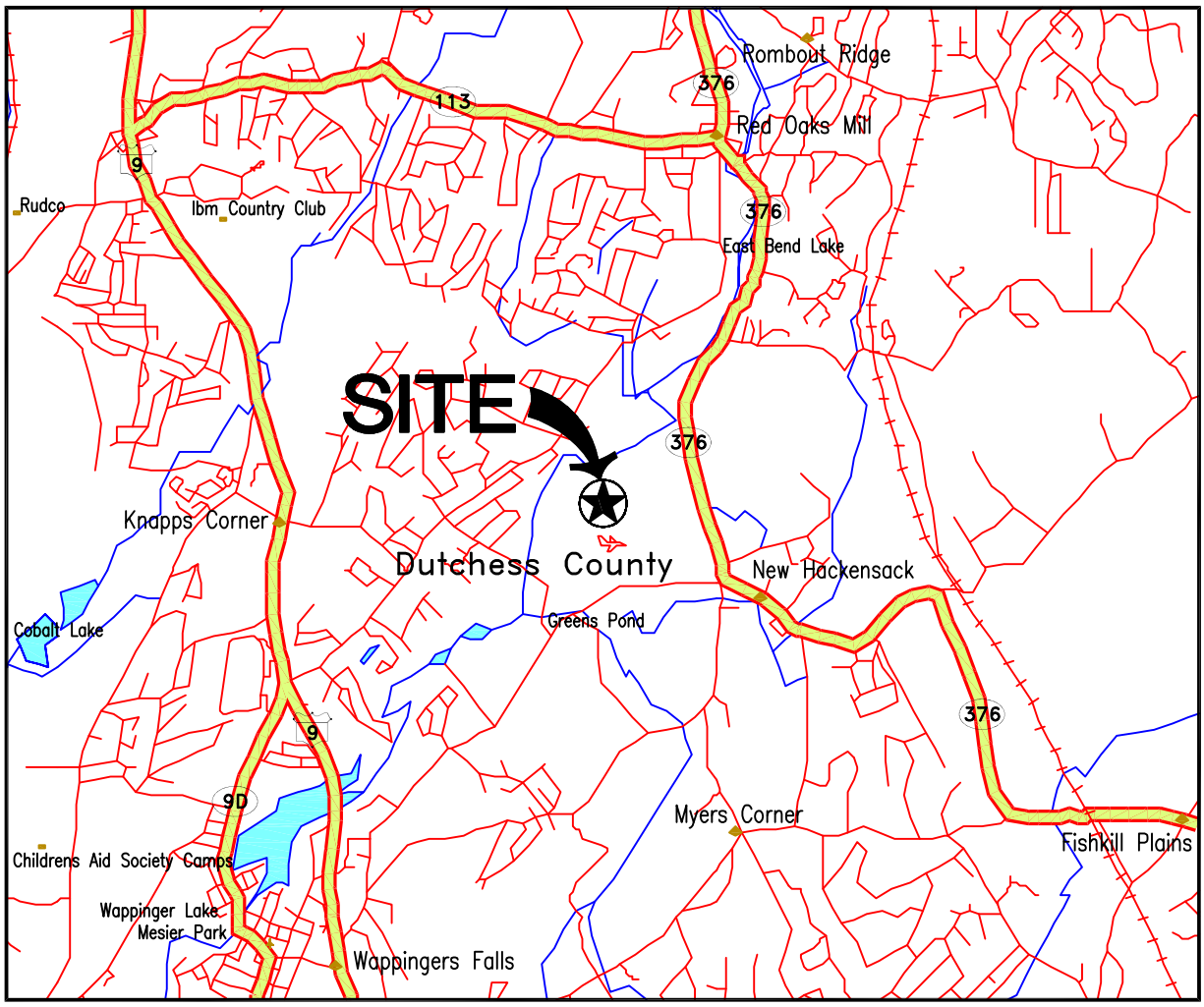
R =Data unusable (compound may or may not be present).

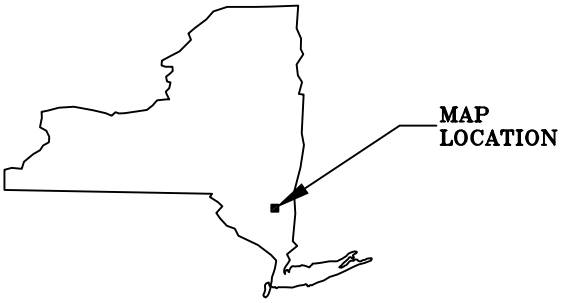
NS = Not Sampled.

ND = Not Detected.

FIGURES

IMAGE	X-REF	OFFICE	DRAWN BY		CHECKED BY	APPROVED BY	DRAWING NUMBER
---	---	ALB	S. SHKOLNIK	12-12-02			820131A3





SCALE 1:62,500

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

Shaw
Shaw Environmental, Inc.

FLAGSHIP
AIRLINES, INC.
(DBA AMERICAN EAGLE)

FIGURE 1

SITE LOCATION MAP
DUTCHESS COUNTY AIRPORT
WAPPINGER FALLS, NEW YORK

DRAWING NUMBER	APPROVED BY	CHECKED BY	DRAWN BY	OFFICE	X-REF	IMAGE
820131D51			S. SHKOLNIK 06-18-03	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

UP

UP

UP

UP

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

LEGEND:

- SANITARY SEWER
- 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: 06/18/03
FORMAT REVISION 9/24/99

Shaw
Shaw Environmental, Inc.

AMERICAN EAGLE AIRLINES

FIGURE 2
WELL LOCATION MAP
DUTCHESS COUNTY AIRPORT

WAPPINGERS FALLS, NEW YORK

IMAGE	X-REF	OFFICE	DRAWN BY	CHECKED BY	APPROVED BY	DRAWING NUMBER
		ALBANY, NY	SSH/SL/DMC 08-01-03			820131D56

PLOT DATE: 08/01/03
FORMAT REVISION 9/24/99

TARMAC

FORMER IBM HANGAR FACILITY

FORMER FLAGSHIP HANGAR FACILITY

PARKING (BIT.)

PARKING (BIT.)

PARKING (BIT.)

AIRPORT COUNTY MAINT. GARAGE

TREATMENT COMPOUND

SANITARY SEWER

SERVICE ROAD / GRIFFITH ROAD

UP

UP

UP

UP

PROPERTY LINE (APPROXIMATE)

ME-13 153.71
NA A-39S
A-8S NA
ME-15 155.83
A-16S NA
A-19S NA
DG-1 153.67
A-27S 153.08
A-44S 151.17
A-41S NA
A-20S NA
EW-4
SP-6
ME-14 155.56
ME-19 154.08
A-40S NA
MW-20 154.54
A-26S 152.34
MW-3
ME-17
ME-16 156.06
EW-5
SP-7
EW-6
SP-5
A-42S 153.97
MW-4
MW-8 153.58
A-43S 153.70
PZ-1 154.00
MW-2 155.86
EW-7
SP-2
EW-2
ME-11
SP-3
ME-12 155.37
SP-4
EW-3
MW-9 155.66
MW-6 155.69
ME-18 155.33
ST-1
EW-1
MW-7A 155.90
MW-10 155.68
MW-5
MW-1 154.53

155.8 155.4 155.0 154.6 154.2 153.8 152.6 153.0 153.4 153.8 154.2

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

LEGEND:

- SANITARY SEWER
- SHALLOW WELL
- BEDROCK WELL
- SPARGE WELL
- EXTRACTION WELL
- PROPERTY LINE (APPROXIMATE)
- GROUNDWATER CONTOUR IN FEET (DASHED WHERE INFERRED)
- 153.71 GROUNDWATER ELEVATION
- NA NO ACCESS, NEW LOCK

SCALE
0 20 40 60 FEET

Shaw
Shaw Environmental, Inc.

AMERICAN EAGLE AIRLINES

FIGURE 3
GROUNDWATER CONTOUR MAP

MAY 28, 2003
WAPPINGERS FALLS, NEW YORK

DRAWING NUMBER	APPROVED BY	CHECKED BY	DRAWN BY	OFFICE	X-REF	IMAGE
820131D57			SSH/SL/DMC 08/04/03	ALBANY, NY	---	---

N

ME-15
5/28/2003
NS
NS
NS
NS
NS
NS

ME-15

ME-13
5/28/2003
NS
NS
NS
NS
NS
NS

ME-13

A-8S
5/28/2003
NS
NS
NS
NS
NS
NS

A-8S

A-39S

TARMAC

FORMER IBM HANGER FACILITY

SEWER
5/28/2003
NS
NS
NS
NS
NS
NS

DG-1
5/28/2003
NS
NS
NS
NS
NS
NS

DG-1

SANITARY SEWER

A-16S

A-19S

A-27S
5/28/2003
2
1 U
1 U
1 U
1 U
2 J

A-27S

A-20S

A-44S

ME-14
5/28/2003
NS
NS
NS
NS
NS
NS

ME-14

FORMER FLAGSHIP HANGER FACILITY

ME-12
5/28/2003
NS
NS
NS
NS
NS
NS

A-41S

EW-4

SP-6

ME-19
5/28/2003
1 U
1 U
1 U
1 U
1 U
10 U

A-26S
5/28/2003
14
1 U
1 U
1 U
1 U
10 U

A-26S

MW-3

MW-2
5/28/2003
NS
NS
NS
NS
NS
NS

ME-17

ME-16

ME-16
5/28/2003
NS
NS
NS
NS
NS
NS

PARKING (BIT.)

EW-5

SP-7

MW-20
5/28/2003
1 U
1 U
1 U
1 U
1 U
10 U

MW-20

A-40S

ME-19

EW-6

SP-5

A-42S

A-42S
5/28/2003
4 U
4 U
4 U
4 U
6
1000 D

MW-8

PARKING (BIT.)

MW-8
5/28/2003
0.8 J
1 U
1 U
1 U
1 U
10 U

UP

PZ-1

A-43S

MW-9
5/28/2003
3 J
10 U
10 U
34
10 U
96 U

MW-2

EW-7

SP-2

ME-11

EW-2

SP-3

ME-12

MW-6
5/28/2003
1 U
1 U
1 U
1 U
1 U
10 U

MW-9

MW-6

ST-1

EW-1

MW-10

ME-18

SP-4

EW-3

TREATMENT COMPOUND

ME-18
5/28/2003
NS
NS
NS
NS
NS
NS

PARKING (BIT.)

MW-1
5/28/2003
NS
NS
NS
NS
NS
NS

MW-1

AIRPORT COUNTY MAINT. GARAGE

MW-7A

MW-5

MW-7A
5/28/2003
NS
NS
NS
NS
NS
NS

MW-10
5/28/2003
10 U
10 U
10 U
71
10 U
1200 D

SERVICE ROAD / GRIFFITH ROAD

A-43S
5/28/2003
3
1 U
1 U
1 U
1 U
10 U

UP

UP

UP

LEGEND:

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

MW-9
5/28/2003
3 J
10 U
10 U
34
10 U
96 U

WELL ID
DATE
DCA
1,1,1-TCA
TCE
PCE
TOLUENE
NAPHTHALENE

10 U NOT DETECTED
J ESTIMATED CONCENTRATION
D SAMPLE DILUTED
NS NOT SAMPLED

SCALE
0 20 40 60 FEET

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

PLOT DATE: 08/04/03
FORMAT REVISION 9/24/99

Shaw Environmental, Inc.

AMERICAN EAGLE AIRLINES

FIGURE 4
ANALYTICAL SUMMARY MAP

MAY 28, 2003
WAPPINGERS FALLS, NEW YORK

DRAWING NUMBER 820131D53
APPROVED BY
CHECKED BY
DRAWN BY SSH/DMC 07-31-03
OFFICE ALBANY, NY
X-REF ---
IMAGE ---

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-15 NS

NS ME-13

A-39S

NS A-8S

A-16S

NS DG-1

A-19S

SANITARY SEWER NS

A-41S

2J A-27S

A-20S

A-44S

EW-4

SP-6

A-40S

100 ug/L

A-26S 10U

MW-3

ME-14 NS

EW-5

SP-7

ME-17

ME-16 NS

MW-20 10 U

ME-19 10 U

EW-6

SP-5

A-42S 1000

MW-4 UP

MW-8 10U

A-43S 10U

PZ-1

MW-2 NS

EW-7

SP-2

EW-2

ME-11

SP-3

ME-12 NS

SP-4

EW-3

ME-18 NS

MW-6 10U

MW-9 96U

ST-1

100 ug/L

MW-7A NS

MW-10 1200

EW-1

MW-5

UP

1000 ug/L

MW-1 10U

UP

UP

LEGEND:

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

SCALE 0 20 40 60 FEET

REFERENCE:

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

PLOT DATE: 07/31/03
FORMAT REVISION 9/24/99

Shaw Environmental, Inc.

AMERICAN EAGLE AIRLINES

FIGURE 5
NAPHTHALENE ISOCHRON MAP (05/28/03)
DUTCHESS COUNTY AIRPORT

WAPPINGERS FALLS, NEW YORK

DRAWING NUMBER	APPROVED BY	CHECKED BY	DRAWN BY	OFFICE	X-REF	IMAGE
820131D55			SSH/DMC 08-01-03	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-15 NS

NS ME-13

A-39S

NS A-8S

A-16S

NS DG-1

A-19S

SANITARY SEWER 1U

NS A-41S

A-27S 1U

A-20S

A-44S

EW-4

SP-6

A-40S

A-26S 1U

MW-3

ME-14 NS

EW-5

SP-7

ME-17

ME-16 NS

MW-20 1U

ME-19 1U

1 ug/L

EW-6

SP-5

A-42S 5

MW-4 UP

MW-8 1U

A-43S 1U

PZ-1

MW-2 NS

EW-7

SP-2

EW-2

ME-11

SP-3

ME-12 NS

SP-4

EW-3

1U MW-6

MW-9 10 U

ST-1

EW-1

MW-7A NS

MW-10 1 U

MW-5

ME-18 NS

MW-1 NS

UP

UP

UP

UP

LEGEND:

SANITARY SEWER	EXTRACTION WELL	10 U	NON-DETECT
SHALLOW WELL	PROPERTY LINE (APPROXIMATE)	J	ESTIMATED CONCENTRATION
BEDROCK WELL	CHLOROETHANE ISOCHRON (DASHED WHERE INFERRED)	.....	ASSUMED 1ug/l ISOCHRON
SPARGE WELL			

SCALE
0 20 40 60 FEET

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

PLOT DATE: 08/01/03
FORMAT REVISION 9/24/99

Shaw Environmental, Inc.

AMERICAN EAGLE AIRLINES

FIGURE 6
CHLOROETHANE ISOCHRON MAP (05/28/03)
DUTCHESS COUNTY AIRPORT

WAPPINGERS FALLS, NEW YORK

DRAWING NUMBER 820131D54
APPROVED BY
CHECKED BY
DRAWN BY SSH/DMC 07-31-03
OFFICE ALBANY, NY
X-REF ---
IMAGE ---

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-15 NS

NS ME-13

A-39S

NS A-8S

A-16S

NS DG-1

A-19S

SANITARY SEWER 1

A-41S

1 A-27S

A-20S

A-44S

EW-4

SP-6

A-40S

MW-3

ME-14 NS

EW-5

SP-7

ME-17

ME-16 NS

MW-20 1U

ME-19 1U

A-26S 1U

EW-6

SP-5

A-42S 1

MW-4 UP

MW-8 0.8

A-43S 1

PZ-1

MW-2 NS

EW-7

SP-2

EW-2

ME-11

SP-3

ME-12 NS

SP-4

EW-3

ME-18 1

MW-9 1

EW-1

ST-1

MW-6 IU

5 ug/L

MW-10 7

MW-7A NS

MW-5

UP

MW-1 NS

UP

UP

LEGEND:

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

SCALE 0 20 40 60 FEET

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

PLOT DATE: 07/31/03
FORMAT REVISION 9/24/99

Shaw Environmental, Inc.

AMERICAN EAGLE AIRLINES

FIGURE 7
1,2-DICHLOROETHENE ISOCHRON MAP (05/28/03)
DUTCHESS COUNTY AIRPORT

WAPPINGERS FALLS, NEW YORK

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

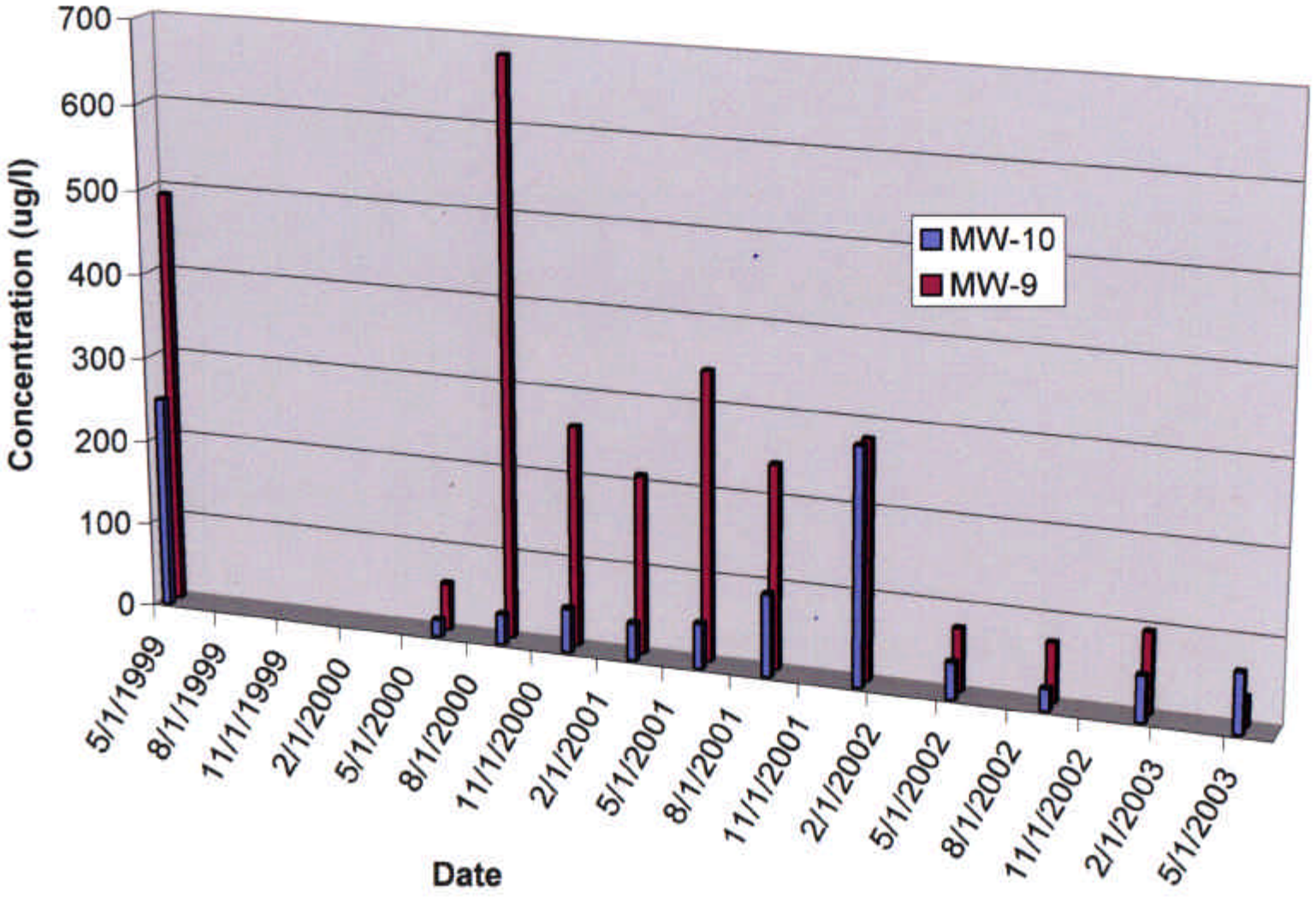


Figure 9
Dissolved 1,1-Dichloroethane Trends, MW-9, MW-10 & A-42S

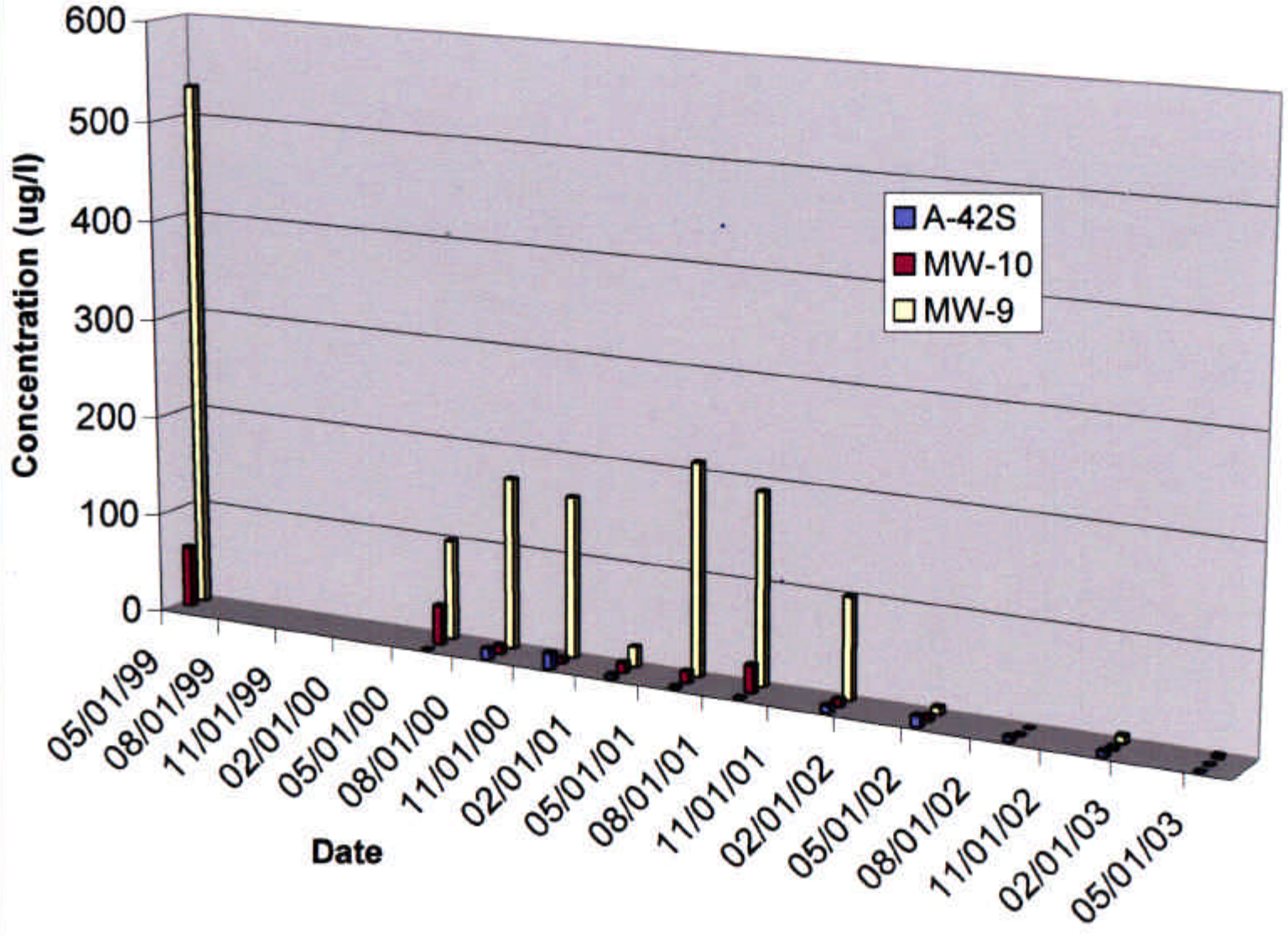
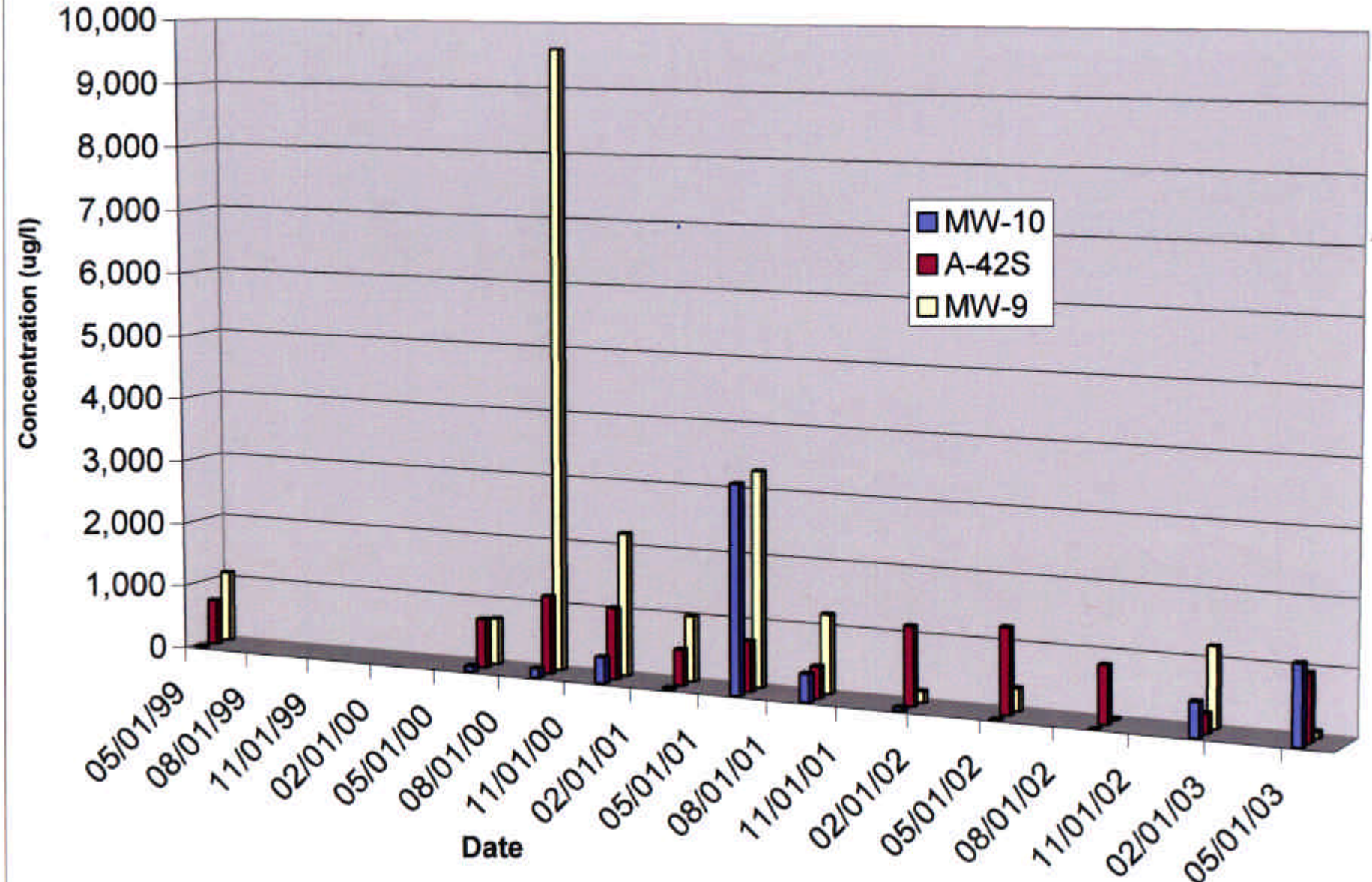


Figure 10
Dissolved Naphthalene Trends, MW-9, MW-10 & A-42S



APPENDIX A

VALIDATED ANALYTICAL RESULTS – GROUNDWATER
(MAY 28, 2003)

VALIDATA

Chemical Services, Inc.

4070 Balleycastle Lane, Duluth, GA 30097

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

8/28/03

Shaw Environmental and Infrastructure Corp.
13 British American Blvd.
Latham, NY 12110
Attn: Anthony Perretta

Dear Mr. Peretta:

Please find enclosed data validation report and qualified Form I's for Flagship Project / Dutchess County Airport SDG A03-5219.

Please call Kevin Harmon or myself at (770) 232-0130 if you have any questions. We are pleased to be of service to Shaw Environmental and Infrastructure Corp.

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:	A03-5219
CONTRACTED LAB:	Severn Trent Laboratories, Inc.
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,* 1999; USEPA Region II, SOP HW-6, Rev. 11
SAMPLE MATRIX:	Water
TYPES OF ANALYSES:	Volatile Organics, Semivolatile Organics
SDG NUMBER:	A03-5219 (Level IV)
SAMPLING DATE:	May 28, 2003

OVERVIEW

SAMPLES:

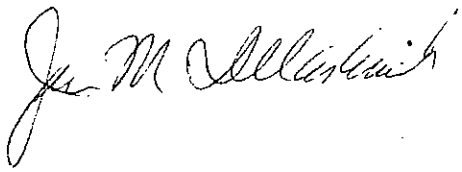
Client Sample #	Lab Sample #	Matrix	Volatile Organics	Semi-volatiles
ME-19	A3521901	Water	X	X
MW-6	A3521902	Water	X	X
MW-8	A3521903	Water	X	X
MW-9	A3521904	Water	X	X
MW-9RE	A3521904RE	Water		X
MW-10	A3521905	Water	X	X
MW-10DL	A3521905DL	Water		X
MW-20	A3521906	Water	X	X
A26S	A3521907	Water	X	X
A27S	A3521908	Water	X	X
A42S	A3521909	Water	X	X
A42SDL	A3521909DL	Water	X	X
A43S	A3521910	Water	X	X
RINSE BLANK	A3521911	Water	X	X
TRIP BLANK	A3521912	Water	X	
DUP-A	A3521913	Water	X	X
A42SMS	A3521909MS	Water	X	X
A42SMSD	A3521909MSD	Water	X	X

Note: Samples DUP-A and A42S were field duplicates.

Sample ID Code: DUP = FIELD DUPLICATE

Suffix Codes: DL = DILUTION, MS = MATRIX DUPLICATE, MSD = MATRIX SPIKE DUPLICATE, RE = REANALYSIS

DATA REVIEWERS: Amy L. Hogan, 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

Severn Trent Laboratories, Inc. - CLP Organics

SAMPLES: ME-19, MW-6, MW-8, MW-9, MW-10, MW-20, A26S, A27S, A42S, A43S, RINSE BLANK, TRIP BLANK, DUP-A

VOLATILE ORGANICS

SUMMARY

I.) General:

The analyses for Volatile Organics were performed by GC / MS using ASP00-4.

II.) Overall Assessment of Data:

Several Tentatively Identified Compounds (TICs) were rejected because of suspected laboratory contaminations/artifacts.

All non-detect results for acetone and 2-butanone in the SDG samples and field blanks were rejected because of low Relative Response Factors in the initial and continuing calibrations. In addition, all non-detect results for 2-hexanone and 1,2-dibromo-3-chloropropane in the all initial analyses of the SDG samples, except for sample DUP-A, were rejected because of a low Relative Response Factor in the continuing calibration. All other laboratory data were acceptable with qualification.

MAJOR ISSUES

I.) Calibration:

Initial Calibration:

The average Relative Response Factors (RRFs) for acetone (0.018) and 2-butanone (0.028) were below the 0.050 QC limit for the standards analyzed on 5/27/03 on instrument I50L. All non-detect results for acetone and 2-butanone in the SDG samples and blanks were rejected (R), and detections of these compounds were flagged as estimated (J).

Continuing Calibration:

The Relative Response Factors (RRFs) for acetone (0.020) and 2-butanone (0.030) were below the 0.050 QC limit for the standard analyzed at 09:14 on 6/03/03 on instrument I50L. All associated results for acetone and 2-butanone were previously flagged based on the initial calibration. No further action was required.

The Relative Response Factors (RRFs) for acetone (0.018) and 2-butanone (0.033) were below the 0.050 QC limit for the standards analyzed at 09:51 on 6/04/03 on instrument I50L. All results for these compounds were previously flagged based on the associated initial calibration. No further action was required.

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 Deviations (%RSDs) for the standards analyzed on 5/27/03 on instrument I50L were 27.4% for methylene chloride and 15.1% for dibromochloromethane, which exceeded the 15% QC limit. All positive results for these two compounds in the SDG samples were flagged as estimated (J).

Please also refer to the Major Issues section for other validation action based on the initial calibration.

Continuing Calibration:

The Percent Difference (%D) for the standards analyzed at 09:14 on 6/03/03 on instrument I50L was 23.9% for 1,2,4-trichlorobenzene, which exceeded the 20% QC limit. All positive and non-detect results for this compound in the associated SDG samples were flagged as estimated (J) and (UJ). The associated samples were ME-19, MW-6, MW-8, MW-9, MW-10, MW-20, A26S, A27S, A42S, A43S. RINSE BLANK and TRIP BLANK.

The Percent Differences (%D's) for the standards analyzed at 09:51 on 6/014/03 on instrument I50L were 21.5% for vinyl chloride, 23.2% for chloroethane and 29.2% for carbon disulfide, which exceeded the 20% QC limit. All positive and non-detect results for these compounds in associated samples DUP-A and A42SDL were flagged as estimated (J) and (UJ).

IV.) Blanks:

Method Blanks:

There were no target compounds detected in the method blanks for this SDG. No action was required.

Field Blank:

Toluene was detected at 0.4 ug/L in RINSE BLANK. All positive results for toluene in the SDG

samples, which were less than 10X the blank amount, were flagged as undetected (U) with the results less than the CRQL being raised to the CRQL.

Trip Blank:

There were no target compounds detected in the TRIP BLANK for this SDG. No action was required.

Tentatively Identified Compounds (TIC):

There were no TICs detected in the blanks for this SDG. Several aromatic and unknown aromatic derivative were reported in the SDG samples. These derivatives and unknowns in the samples were qualified as unusable (R).

V.) Surrogate Recoveries:

All Surrogate Recovery criteria were met. No action was necessary.

VI.) Laboratory Control Samples (LCS):

All LCS Recovery criteria were met. No action was taken.

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

MS / MSD analyses were performed on SDG sample A42S. The Percent Recoveries (%R's) for vinyl chloride were 145% for sample A42SMS and 146% for sample A42SMSD, which exceeded the 60-140% QC limits. Data qualification based on MS / MSD criteria alone was not required. No action was taken.

VIII.) Field Duplicates:

One set of field duplicate samples (A42S/ DUP-A) was analyzed in this SDG. The calculable Relative Percent Differences (RPDs) were:

Compound	A42S	DUP-A	RPD
vinyl chloride	140 ug/L	110 ug/L	24%
chloroethane	6 ug/L	5 ug/L	18%
methylene chloride	2 ug/L	2 ug/L	0%
1,1-dichloroethane	2 ug/L	2 ug/L	0%
cis-1,2-dichloroethene	8 ug/L	8 ug/L	0%
toluene	6 ug/L	6 ug/L	0%
ethylbenzene	2 ug/L	2 ug/L	0%
total xylenes	21 ug/L	22 ug/L	4.6%

All RPDs were within the 50% advisory 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):

The result for vinyl chloride in sample A42S exceeded the linear calibration range. This sample was reanalyzed as a dilution with all results being in the calibration range. The original result for vinyl chloride was flagged as estimated (J).

All other Compound Quantitation and CRQL criteria were met. No further 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 EPA SVOA.

II.) Overall Assessment of Data:

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

All acid non-detect results for sample ME-19, and all base-neutral non-detect results for sample MW-9 were rejected (R) based on extremely low surrogate recoveries.

The reanalysis of sample MW-9 is considered by the validator to be of preferable data quality to the original analysis because of improved surrogate and internal standards recoveries.

All other laboratory data were acceptable with qualifications.

MAJOR ISSUES

I.) Surrogate Recoveries:

The Surrogate Percent Recoveries (%R's) were below the 10% rejection limit in the following samples:

Sample	Surrogate	%R	QC Limits
ME-19	2-chlorophenol-d4	17%	33-10%
	2-fluorophenol	10%	21-110%

Sample	Surrogate	%R	QC Limits
MW-9	2-fluorobiphenyl	17%	43-116%
	terphenyl-d14	0%	33-141%

All acid non-detect results for sample ME-19 were rejected (R) and acid detections were flagged as estimated (J). All base-neutral non-detect results for sample MW-9 were rejected (R) and base-neutral detections were flagged as estimated (J).

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 Deviations (%RSDs) for 2,4-dinitrophenol (23.1%), benzaldehyde (56.6%) and caprolactam (15.2%) in the standards analyzed on 6/03/03 on instrument I50Z-A exceeded the 15% QC limit. These compounds were not detected in the SDG samples, so no action was required.

Continuing Calibration:

The Percent Difference (%D) for the standards analyzed at 08:28 on 6/04/03 on instrument I50Z-A was 32.4% for 2,4-dinitrophenol, which exceeded the 20% QC limit. All positive and non-detect results for this compound in the associated SDG samples were flagged as estimated (J) and (UJ). The associated samples were: ME-19, MW-6, MW-8, MW-9, A26S, A27S, A42S, A43S and RINSE BLANK.

The Percent Differences (%D's) for the standards analyzed at 10:03 on 6/10/03 on instrument I50Z-A were 32.2% for 2,4-dinitrophenol and 21.8% for 4,6-dinitro-2-methylphenol, which exceeded the 20% QC limit. All positive and non-detect results for these compounds in associated SDG samples MW-10, MW-10DL, MW-20 and DUP-A were flagged as estimated (J) and (UJ).

The Percent Differences (%D) for the standards analyzed at 08:01 on 6/12/03 on instrument I50Z-A were 22.7% for 2,4-dinitrophenol and 21.6% for dibenzo(a,h)anthracene, which exceeded the 20% QC limit. All positive and non-detect results for these compounds in associated samples A42SDL and MW-9RE were flagged as estimated (J) and (UJ).

IV.) Blanks:

Method Blank:

Bis(2-ethylhexyl)phthalate was detected at 1 ug/L in method blank A3B0596303. Detections of this

compound less than 10X the blank concentration in the associated SDG sample were flagged as undetected (U) with results below the CRQL being raised to the CRQL. The associated samples were: MW-10, MW-10DL, MW-20 and DUP-A.

Bis(2-ethylhexyl)phthalate was detected at 0.6 ug/L in method blank A3B0616903. The result for this compound in the associated SDG sample exceeded 10X the blank concentration, so no action was required.

Field Blank:

Naphthalene was detected at 0.4 ug/L in RINSE BLANK. Detections of naphthalene in the SDG samples less than 10X the blank amount were qualified as undetected (U) with results less than the CRQL being raised to the CRQL.

Tentatively Identified Compounds (TIC)

Triphenylphosphine oxide was detected at 3 ug/L in method blank. There were no detections of this compounds in the SDG samples' TIC analyses, so no action was required.

Several benzene isomers, aromatic derivatives, and unknowns were observed in the SDG samples. 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) were below the QC limits in the following samples:

Sample	Surrogate	%R	QC Limits
A27S	p-terphenyl-d14	31%	33-141%
A42S	2-fluorobiphenyl	26%	43-116%
	p-terphenyl-d14	23%	33-141%
A42SMS	2-fluorobiphenyl	27%	43-116%
	p-terphenyl-d14	25%	33-141%
DUP-A	p-terpheny-d14	30%	33-141%
MW-10	2-fluorobiphenyl	31%	43-116%
MW-9RE	2-fluorobiphenyl	20%	43-116%
	p-terphenyl-d14	14%	33-141%

Please refer to the Major Issues section for qualifiers applied to samples ME-19 and MW-9.

Two surrogates in the base-neutral fraction were below the QC limits for samples A42S and MW-9RE. All base-neutral compounds in these samples were qualified as estimated (J) and (UJ). Since only one surrogate was below the QC limits in the other four samples, no action was required. No action was required for sample A42SMS, since it was a QC sample.

VI.) Laboratory Control Samples (LCS):

Five LCS (blank spike) samples were analyzed in this SDG fraction.

The Percent Recoveries (%R's) of the following compounds were below the QC limits for blank spiked samples A3B0596303LCS and A3B0596303LCSD:

Compound	LCS, %R	LCSD, %R	QC Limits
4-nitrophenol	84%	113%	10-80%
2,4-dinitrotoluene		100%	24-96%
pentachlorophenol		105%	9-103%

The Percent Recoveries (%R's) of the following compounds were below the QC limits for blank spiked samples A3B0616903LCS and A3B0616903LCSD:

Compound	LCS, %R	LCSD, %R	QC Limits
4-nitrophenol	83%	81%	10-80%

Data validation action based on LCS / LCSD criteria alone was not required.

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

The Percent Recoveries (%R's) of the following compounds were below the QC limits for spiked samples A42SMS and A42SMSD:

Compound	MS, %R	MSD, %R	QC Limits
acenaphthene	26%	30%	46-118

Data validation action based on MS / MSD criteria alone was not required.

VIII.) Field Duplicates:

One set of field duplicate samples (A42S/ DUP-A) was analyzed in this SDG. The calculable Relative Percent Differences (RPDs) were:

Compound	A42S	DUP-A	RPD
naphthalene	1000 ug/L	810 ug/L	21%
2-methylnaphthalene	21 ug/L	18 ug/L	15%

All RPDs were within the 50% QC limit for water samples. No action was necessary.

IX.) Internal Standards Performance (ISTD):

The Internal Standards recoveries were outside the QC limits for the following samples:

Sample ID	Internal Standard	%R
A42S	acenaphthene	259%
A42SMS	acenaphthene	240%
A42SMSD	acenaphthene	238%
MW-10	acenaphthene	223%
MW-9	acenaphthene	207%

All positive results for the compounds quantitated on these internal standards were flagged 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):

The result for naphthalene in sample A42S exceeded the linear calibration range. This sample was reanalyzed as a dilution with all results being in the calibration range. The original result for naphthalene was flagged as estimated (J).

The result for naphthalene in sample MW-10 exceeded the linear calibration range. This sample was reanalyzed as a dilution with all results being in the calibration range. The original result for naphthalene was flagged as estimated (J).

XII.) System Performance:

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

ASP 2000 CLP - VOLATILES
ANALYSIS DATA SHEET

Client No.: ME-19

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521901

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L0108.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 06/03/2003

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene chloride	2	U
67-64-1	Acetone	5	U R
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-59-2	cis-1,2-Dichloroethene	1	U
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U R
74-97-5	Bromochloromethane	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-pentanone	5	U
591-78-6	2-Hexanone	5	U R
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
106-93-4	1,2-Dibromoethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U

ASP 2000 CLP - VOLATILES
ANALYSIS DATA SHEET

Client No.
ME-19

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521901

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L0108.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 06/03/2003

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-42-5	Styrene	1	U
1330-20-7	Total Xylenes	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
120-82-1	1,2,4-Trichlorobenzene	1	UJ

jpl 8.

ASP 2000 CLP - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.: ME-19

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521901

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L0108.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: not dec. _____ Date Analyzed: 06/03/2003

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

ASP 2000 CLP - VOLATILES
ANALYSIS DATA SHEET

Client No.: MW-6

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521902

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L0109.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 06/03/2003

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene chloride	2	U
67-64-1	Acetone	5	UR
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-59-2	cis-1,2-Dichloroethene	1	U
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	UR
74-97-5	Bromochloromethane	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-pentanone	5	UR
591-78-6	2-Hexanone	5	UR
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
106-93-4	1,2-Dibromoethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U

jpl 8.2

ASP 2000 CLP - VOLATILES
ANALYSIS DATA SHEET

Client No.

MW-6

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521902

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L0109.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 06/03/2003

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-42-5	Styrene	1	U
1330-20-7	Total Xylenes	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	UJ
120-82-1	1,2,4-Trichlorobenzene	1	UJ

JB 8.26

ASP 2000 CLP - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW-6

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521902

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L0109.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: not dec. _____ Date Analyzed: 06/03/2003

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

ASP 2000 CLP - VOLATILES
ANALYSIS DATA SHEET

Client No.: MW-8

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521903

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L0110.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 06/03/2003

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl chloride	0.6	J
75-00-3	Chloroethane	1	U
75-09-2	Methylene chloride	2	U
67-64-1	Acetone	5	UR
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	0.8	J
156-59-2	cis-1,2-Dichloroethene	0.6	J
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	UR
74-97-5	Bromochloromethane	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-pentanone	5	U
591-78-6	2-Hexanone	5	UR
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
106-93-4	1,2-Dibromoethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U

JK 8-2

ASP 2000 CLP - VOLATILES
ANALYSIS DATA SHEET

Client No.

MW-8

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521903

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L0110.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 06/03/2003

3C Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-42-5	Styrene	1	U
1330-20-7	Total Xylenes	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	UJ
120-82-1	1,2,4-Trichlorobenzene	1	UJ

jjl 8-26

ASP 2000 CLP - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.: MW-8

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521903

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L0110.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: not dec. _____ Date Analyzed: 06/03/2003

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

ASP 2000 CLP - VOLATILES
ANALYSIS DATA SHEET

Client No.: MW-9

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521904

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L0115.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 06/03/2003

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 10.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	4	& J
67-64-1	Acetone	50	UR
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	3	J
156-59-2	cis-1,2-Dichloroethene	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	50	UR
74-97-5	Bromochloromethane	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	50	U
591-78-6	2-Hexanone	50	UR
127-18-4	Tetrachloroethene	34	
79-34-5	1,1,2,2-Tetrachloroethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U

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ASP 2000 CLP - VOLATILES
ANALYSIS DATA SHEET

Client No.

MW-9

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521904

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L0115.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 06/03/2003

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 10.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-42-5	Styrene	10	U
1330-20-7	Total Xylenes	10	
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	UJ
120-82-1	1,2,4-Trichlorobenzene	10	UJ

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ASP 2000 CLP - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW-9

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521904

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L0115.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: not dec. _____ Date Analyzed: 06/03/2003

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 10.00

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

Number TICs found: 9 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	TRIMETHYLBENZENE ISOMER	19.54	50	J
2.	UNKNOWN	19.96	270	J
3.	ALKYLBENZENE DERIVATIVE	20.24	28	J
4.	UNKNOWN	20.54	310	J
5.	UNKNOWN	20.71	50	J
6.	UNSATURATED HYDROCARBON	20.98	79	J
7.	UNKNOWN	21.20	350	J
8.	UNKNOWN	21.83	360	J
9.	ALKYLBENZENE DERIVATIVE	22.36	68	J

ASP 2000 CLP - VOLATILES
ANALYSIS DATA SHEET

Client No.

MW-10

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521905

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L0116.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 06/03/2003

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 10.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	4	J
67-64-1	Acetone	50	UR
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	12	
156-60-5	trans-1,2-Dichloroethene	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	50	UR
74-97-5	Bromochloromethane	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	50	U
591-78-6	2-Hexanone	50	UR
127-18-4	Tetrachloroethene	71	
79-34-5	1,1,2,2-Tetrachloroethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U

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ASP 2000 CLP - VOLATILES
ANALYSIS DATA SHEET

Client No.

MW-10

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521905

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L0116.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 06/03/2003

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 10.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-42-5	Styrene	10	U
1330-20-7	Total Xylenes	10	
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	UR
120-82-1	1,2,4-Trichlorobenzene	10	UJ

ASP 2000 CLP - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.: MW-10

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521905

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L0116.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: not dec. _____ Date Analyzed: 06/03/2003

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 10.00

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

Number TICs found: 9 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		TRIMETHYLBENZENE ISOMER	19.54	50	~~J~~ JR
2.		UNKNOWN	19.96	210	~~J~~ R
3.		UNKNOWN	20.39	130	~~J~~
4.		UNKNOWN	20.70	24	~~J~~
5.		ETHYLDIMETHYLBENZENE ISOMER	20.96	45	~~J~~
6.		UNKNOWN	21.19	250	~~J~~
7.		AROMATIC DERIVATIVE	21.58	54	~~J~~
8.		UNKNOWN	21.81	170	~~J~~
9.		AROMATIC DERIVATIVE	22.76	60	~~J~~

ASP 2000 CLP - VOLATILES
ANALYSIS DATA SHEET

Client No.: MW-20

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521906

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L0111.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 06/03/2003

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene chloride	2	U
67-64-1	Acetone	5	UR
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-59-2	cis-1,2-Dichloroethene	1	U
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	UR
74-97-5	Bromochloromethane	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-pentanone	5	U
591-78-6	2-Hexanone	5	UR
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
106-93-4	1,2-Dibromoethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U

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ASP 2000 CLP - VOLATILES
ANALYSIS DATA SHEET

Client No.

MW-20

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521906

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L0111.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 06/03/2003

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-42-5	Styrene	1	U
1330-20-7	Total Xylenes	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	UJ
120-82-1	1,2,4-Trichlorobenzene	1	UJ

JJ 6-2

ASP 2000 CLP - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW-20

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521906

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L0111.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: not dec. _____ Date Analyzed: 06/03/2003

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

ASP 2000 CLP - VOLATILES
ANALYSIS DATA SHEET

Client No.: A26S

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521907

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L0112.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 06/03/2003

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl chloride	0.4	J
75-00-3	Chloroethane	1	U
75-09-2	Methylene chloride	2	U
67-64-1	Acetone	5	U R
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	14	
156-59-2	cis-1,2-Dichloroethene	0.5	J
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U R
74-97-5	Bromochloromethane	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-pentanone	5	U
591-78-6	2-Hexanone	5	U R
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
106-93-4	1,2-Dibromoethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U

jl 8-26-

ASP 2000 CLP - VOLATILES
ANALYSIS DATA SHEET

Client No.: A26S

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521907

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L0112.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 06/03/2003

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-42-5	Styrene	1	U
1330-20-7	Total Xylenes	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	UR
120-82-1	1,2,4-Trichlorobenzene	1	UJ

JV 8-26

ASP 2000 CLP - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.: A26S

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521907

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L0112.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: not dec. _____ Date Analyzed: 06/03/2003

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

ASP 2000 CLP - VOLATILES
ANALYSIS DATA SHEET

Client No.: A27S

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521908

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L0113.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 06/03/2003

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl chloride	0.9	J
75-00-3	Chloroethane	1	U
75-09-2	Methylene chloride	2	U
67-64-1	Acetone	4	UJ
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	2	
156-59-2	cis-1,2-Dichloroethene	10	
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	UR
74-97-5	Bromochloromethane	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	0.3	J
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-pentanone	5	U
591-78-6	2-Hexanone	5	UR
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
106-93-4	1,2-Dibromoethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U

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ASP 2000 CLP - VOLATILES
ANALYSIS DATA SHEET

Client No.: A27S

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521908

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L0113.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 06/03/2003

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-42-5	Styrene	1	U
1330-20-7	Total Xylenes	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	UK
120-82-1	1,2,4-Trichlorobenzene	1	UJ

jp 8-26

ASP 2000 CLP - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.: A27S

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521908

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L0113.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: not dec. _____ Date Analyzed: 06/03/2003

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

Number TICs found: 5 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN	19.83	5	J, P
2.		ALKYLBENZENE DERIVATIVE	20.38	5	J
3.		ETHYLDIMETHYLBENZENE ISOMER	20.50	4	J
4.		TETRAMETHYLBENZENE ISOMER	21.09	8	J
5.		UNKNOWN	21.80	5	J

ASP 2000 CLP - VOLATILES
ANALYSIS DATA SHEET

Client No.: A42S

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521909

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L0117.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 06/03/2003

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 4.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	4	U
74-83-9	Bromomethane	4	U
75-01-4	Vinyl chloride	110	E J
75-00-3	Chloroethane	6	
75-09-2	Methylene chloride	2	B J
67-64-1	Acetone	20	U R
75-15-0	Carbon Disulfide	4	U
75-35-4	1,1-Dichloroethene	4	U
75-34-3	1,1-Dichloroethane	2	J
156-59-2	cis-1,2-Dichloroethene	8	
156-60-5	trans-1,2-Dichloroethene	4	U
67-66-3	Chloroform	4	U
107-06-2	1,2-Dichloroethane	4	U
78-93-3	2-Butanone	20	U R
74-97-5	Bromochloromethane	4	U
71-55-6	1,1,1-Trichloroethane	4	U
56-23-5	Carbon Tetrachloride	4	U
75-27-4	Bromodichloromethane	4	U
78-87-5	1,2-Dichloropropane	4	U
10061-01-5	cis-1,3-Dichloropropene	4	U
79-01-6	Trichloroethene	4	U
124-48-1	Dibromochloromethane	4	U
79-00-5	1,1,2-Trichloroethane	4	U
71-43-2	Benzene	4	U
10061-02-6	trans-1,3-Dichloropropene	4	U
75-25-2	Bromoform	4	U
108-10-1	4-Methyl-2-pentanone	20	U
591-78-6	2-Hexanone	20	U R
127-18-4	Tetrachloroethene	4	U
79-34-5	1,1,2,2-Tetrachloroethane	4	U
106-93-4	1,2-Dibromoethane	4	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	4	U
100-41-4	Ethylbenzene	2	J

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ASP 2000 CLP - VOLATILES
ANALYSIS DATA SHEET

Client No.: A42S

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521909

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L0117.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 06/03/2003

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 4.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-42-5	Styrene	4	U
1330-20-7	Total Xylenes	21	
541-73-1	1,3-Dichlorobenzene	4	U
106-46-7	1,4-Dichlorobenzene	4	U
95-50-1	1,2-Dichlorobenzene	4	U
96-12-8	1,2-Dibromo-3-chloropropane	4	U
120-82-1	1,2,4-Trichlorobenzene	4	UJ

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ASP 2000 CLP - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.: A42S

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521909

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L0117.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: not dec. _____ Date Analyzed: 06/03/2003

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 4.00

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

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		TRIMETHYLBENZENE ISOMER	18.91	10	JB
2.		TRIMETHYLBENZENE ISOMER	19.54	20	J
3.		UNKNOWN	19.84	41	J
4.		ETHYLDIMETHYLBENZENE ISOMER	20.39	52	J
5.		UNKNOWN	20.70	11	J
6.		ETHYLDIMETHYLBENZENE ISOMER	20.98	16	J
7.		UNKNOWN	21.20	92	J
8.		ALKYLBENZENE DERIVATIVE	21.59	23	J
9.		UNKNOWN	21.83	64	J
10.		AROMATIC DERIVATIVE	22.78	38	J

ASP 2000 CLP - VOLATILES
ANALYSIS DATA SHEET

Client No.: A42S DL

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521909DL

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L0126.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 06/04/2003

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 8.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	8	U
74-83-9	Bromomethane	8	U
75-01-4	Vinyl chloride	140	DJ
75-00-3	Chloroethane	7	BJ
75-09-2	Methylene chloride	16	U
67-64-1	Acetone	40	UR
75-15-0	Carbon Disulfide	8	UJ
75-35-4	1,1-Dichloroethene	8	U
75-34-3	1,1-Dichloroethane	3	DJ
156-59-2	cis-1,2-Dichloroethene	9	D
156-60-5	trans-1,2-Dichloroethene	8	U
67-66-3	Chloroform	8	U
107-06-2	1,2-Dichloroethane	8	U
78-93-3	2-Butanone	40	UR
74-97-5	Bromochloromethane	8	U
71-55-6	1,1,1-Trichloroethane	8	U
56-23-5	Carbon Tetrachloride	8	U
75-27-4	Bromodichloromethane	8	U
78-87-5	1,2-Dichloropropane	8	U
10061-01-5	cis-1,3-Dichloropropene	8	U
79-01-6	Trichloroethene	8	U
124-48-1	Dibromochloromethane	8	U
79-00-5	1,1,2-Trichloroethane	8	U
71-43-2	Benzene	8	U
10061-02-6	trans-1,3-Dichloropropene	8	U
75-25-2	Bromoform	8	U
108-10-1	4-Methyl-2-pentanone	40	U
591-78-6	2-Hexanone	40	U
127-18-4	Tetrachloroethene	8	U
79-34-5	1,1,2,2-Tetrachloroethane	8	U
106-93-4	1,2-Dibromoethane	8	U
108-88-3	Toluene	78	BJ
108-90-7	Chlorobenzene	8	U
100-41-4	Ethylbenzene	3	DJ

ASP 2000 CLP - VOLATILES
ANALYSIS DATA SHEET

Client No.: A42S DL

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521909DL

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L0126.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 06/04/2003

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 8.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-42-5	Styrene	8	U
1330-20-7	Total Xylenes	23	D
541-73-1	1,3-Dichlorobenzene	8	U
106-46-7	1,4-Dichlorobenzene	8	U
95-50-1	1,2-Dichlorobenzene	8	U
96-12-8	1,2-Dibromo-3-chloropropane	8	U
120-82-1	1,2,4-Trichlorobenzene	8	U

ASP 2000 CLP - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.: A42S DL

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521909DL

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L0126.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: not dec. _____ Date Analyzed: 06/04/2003

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 8.00

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

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		TRIMETHYLBENZENE ISOMER	18.90	21	J
2.		TRIMETHYLBENZENE ISOMER	19.53	40	J
3.		UNKNOWN	19.83	81	J
4.		UNSATURATED HYDROCARBON	20.38	120	J
5.		UNKNOWN	20.51	150	J
6.		UNKNOWN	20.69	21	J
7.		ETHYLDIMETHYLBENZENE ISOMER	20.95	30	J
8.		AROMATIC DERIVATIVE	21.56	44	J
9.		UNKNOWN	21.80	160	J
10.		AROMATIC DERIVATIVE	22.75	79	J

ASP 2000 CLP - VOLATILES
ANALYSIS DATA SHEET

Client No.: A43S

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521910

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L0114.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 06/03/2003

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl chloride	3	
75-00-3	Chloroethane	1	U
75-09-2	Methylene chloride	2	U
67-64-1	Acetone	5	UL
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	3	
156-59-2	cis-1,2-Dichloroethene	1	
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	UL
74-97-5	Bromochloromethane	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-pentanone	5	U
591-78-6	2-Hexanone	5	UL
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
106-93-4	1,2-Dibromoethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U

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ASP 2000 CLP - VOLATILES
ANALYSIS DATA SHEET

Client No.: A43S

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521910

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L0114.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 06/03/2003

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-42-5	Styrene	1	U
1330-20-7	Total Xylenes	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	UL
120-82-1	1,2,4-Trichlorobenzene	1	UJ

ASP 2000 CLP - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.: A43S

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521910

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L0114.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: not dec. _____ Date Analyzed: 06/03/2003

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

ASP 2000 CLP - VOLATILES
ANALYSIS DATA SHEET

Client No.

RINSE BLANK

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521911

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L0107.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 06/03/2003

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene chloride	2	U
67-64-1	Acetone	5	UR
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-59-2	cis-1,2-Dichloroethene	1	U
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	UR
74-97-5	Bromochloromethane	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-pentanone	5	U
591-78-6	2-Hexanone	5	UR
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
106-93-4	1,2-Dibromoethane	1	U
108-88-3	Toluene	0.4	J
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U

jk 8-21

ASP 2000 CLP - VOLATILES
ANALYSIS DATA SHEET

Client No.

RINSE BLANK

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521911

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L0107.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 06/03/2003

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-42-5	Styrene	1	U
1330-20-7	Total Xylenes	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	UL
120-82-1	1,2,4-Trichlorobenzene	1	UJ

JA 8-26-0

ASP 2000 CLP - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

RINSE BLANK

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521911

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L0107.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: not dec. _____ Date Analyzed: 06/03/2003

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

ASP 2000 CLP - VOLATILES
ANALYSIS DATA SHEET

Client No.

TRIP BLANK

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521912

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L0106.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 06/03/2003

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene chloride	2	U
67-64-1	Acetone	5	UR
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-59-2	cis-1,2-Dichloroethene	1	U
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	UR
74-97-5	Bromochloromethane	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
106-93-4	1,2-Dibromoethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U

8-26

ASP 2000 CLP - VOLATILES
ANALYSIS DATA SHEET

Client No.

TRIP BLANK

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521912

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L0106.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 06/03/2003

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-42-5	Styrene	1	U
1330-20-7	Total Xylenes	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	UJ
120-82-1	1,2,4-Trichlorobenzene	1	UJ

JA 8.26

ASP 2000 CLP - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

TRIP BLANK

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521912

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L0106.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: not dec. _____ Date Analyzed: 06/03/2003

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

ASP 2000 CLP - VOLATILES
ANALYSIS DATA SHEET

Client No.

DUP A

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521913

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L0125.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 06/04/2003

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 5.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	5	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl chloride	110	J
75-00-3	Chloroethane	5	J
75-09-2	Methylene chloride	2	B J
67-64-1	Acetone	25	UR
75-15-0	Carbon Disulfide	5	U J
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	2	J
156-59-2	cis-1,2-Dichloroethene	8	
156-60-5	trans-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	25	UR
74-97-5	Bromochloromethane	5	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-pentanone	25	U
591-78-6	2-Hexanone	25	UR
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
106-93-4	1,2-Dibromoethane	5	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	2	J

jf 8-26-03

ASP 2000 CLP - VOLATILES
ANALYSIS DATA SHEET

Client No.

DUP A

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521913

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L0125.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 06/04/2003

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 5.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	22	
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U

6.26-1

ASP 2000 CLP - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.: DUP A

Lab Name: SIL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521913

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L0125.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: not dec. _____ Date Analyzed: 06/04/2003

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 5.00

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

Number TICs found: 9 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		TRIMETHYLBENZENE ISOMER	18.90	12	JB
2.		TRIMETHYLBENZENE ISOMER	19.54	25	JB
3.		UNKNOWN	19.84	50	JB
4.		UNKNOWN	20.39	71	JB
5.		UNKNOWN	20.70	14	JB
6.		ETHYLDIMETHYLBENZENE ISOMER	20.96	20	JB
7.		AROMATIC DERIVATIVE	21.58	29	JT
8.		UNKNOWN	21.81	92	JB
9.		UNSATURATED HYDROCARBON	22.76	49	JB

ASP 2000 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

ME-19

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521901

Sample wt/vol: 1035.0 (g/mL) ML Lab File ID: Z56312.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/02/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/04/2003

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	24	U
92-52-4	Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	24	U
131-11-3	Dimethyl phthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	24	U

ASP 2000 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.
ME-19

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521901

Sample wt/vol: 1035.0 (g/mL) ML Lab File ID: Z56312.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/02/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/04/2003

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	24	UR
100-02-7	4-Nitrophenol	24	UR
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethyl phthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
100-01-6	4-Nitroaniline	24	U
534-52-1	4,6-Dinitro-2-methylphenol	24	UR
86-30-6	N-nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	24	UR
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butyl phthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butyl benzyl phthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U

ASP 2000 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

ME-19

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3521901

ample wt/vol: 1035.0 (g/mL) ML Lab File ID: Z56312.RR

evel: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 06/02/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 06/04/2003

njection Volume: 2.00 (uL) Dilution Factor: 1.00

PC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
191-24-2	Benzo(ghi)perylene	10	U

ASP 2000 - SEMIVOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.: ME-19

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521901

Sample wt/vol: 1035.0 (g/mL) ML Lab File ID: Z56312.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/02/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/04/2003

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

Number TICs found: 8 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	6.31	19	J
2.	UNKNOWN	10.20	6	J
3.	FLUORONITROPHENOL ISOMER	10.51	3	J
4.	UNKNOWN	10.88	2	J
5.	UNKNOWN	11.16	2	J
6.	UNKNOWN	13.15	9	J
7.	UNKNOWN	15.63	4	J
8.	UNKNOWN	17.88	4	J

ASP 2000 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW-6

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521902

Sample wt/vol: 1045.0 (g/mL) ML Lab File ID: Z56313.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/02/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/04/2003

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	24	U
92-52-4	Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	24	U
131-11-3	Dimethyl phthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	24	U

ASP 2000 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW-6

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521902

Sample wt/vol: 1045.0 (g/mL) ML Lab File ID: Z56313.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/02/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/04/2003

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	24	UJ
100-02-7	4-Nitrophenol	24	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethyl phthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
100-01-6	4-Nitroaniline	24	U
534-52-1	4,6-Dinitro-2-methylphenol	24	U
86-30-6	N-nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	24	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butyl phthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butyl benzyl phthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U

ASP 2000 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW-6

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521902

Sample wt/vol: 1045.0 (g/mL) ML Lab File ID: Z56313.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/02/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/04/2003

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
191-24-2	Benzo(ghi)perylene	10	U

ASP 2000 - SEMIVOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW-6

ab Name: STL Buffalo Contract: _____

ab Code: RECNY Case No.: ____ SAS No.: _____ SDG No.: _____

atrix: (soil/water) WATER Lab Sample ID: A3521902

ample wt/vol: 1045.0 (g/mL) ML Lab File ID: Z56313.RR

evel: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 06/02/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 06/04/2003

njection Volume: 2.00 (uL) Dilution Factor: 1.00

PC Cleanup: (Y/N) N pH: 6.0

umber TICs found: 3 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 103-23-1	BIS(2-ETHYLHEXYL)HEXANENOIC	21.13	2	JN
2.	UNKNOWN	23.61	3	J
3.	UNKNOWN	25.41	5	J

ASP 2000 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW-8

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3521903

ample wt/vol: 1030.0 (g/mL) ML Lab File ID: Z56314.RR

evel: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 06/02/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 06/04/2003

njection Volume: 2.00 (uL) Dilution Factor: 1.00

PC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	24	U
92-52-4	Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	24	U
131-11-3	Dimethyl phthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	24	U

ASP 2000 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW-8

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3521903

ample wt/vol: 1030.0 (g/mL) ML Lab File ID: Z56314.RR

evel: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 06/02/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 06/04/2003

njection Volume: 2.00 (uL) Dilution Factor: 1.00

PC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	24	UJ
100-02-7	4-Nitrophenol	24	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethyl phthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
100-01-6	4-Nitroaniline	24	U
534-52-1	4,6-Dinitro-2-methylphenol	24	U
86-30-6	N-nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	24	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butyl phthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butyl benzyl phthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U

ASP 2000 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW-8

ab Name: STL Buffalo Contract: _____

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

latrix: (soil/water) WATER Lab Sample ID: A3521903

ample wt/vol: 1030.0 (g/mL) ML Lab File ID: Z56314.RR

evel: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 06/02/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 06/04/2003

njection Volume: 2.00 (uL) Dilution Factor: 1.00

PC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
191-24-2	Benzo(ghi)perylene	10	U

ASP 2000 - SEMIVOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW-8

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521903

Sample wt/vol: 1030.0 (g/mL) ML Lab File ID: Z56314.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/02/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/04/2003

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

Number TICs found: 12 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN	6.33	3	J R
2.		UNKNOWN	8.00	2	J
3.		UNKNOWN	10.21	2	J
4.		UNKNOWN	17.88	2	J
5.		UNKNOWN SILICONE CMPD.	21.23	3	J
6.		UNKNOWN SILICONE CMPD.	22.80	6	J
7.		UNKNOWN SILICONE CMPD.	23.65	7	J
8.		UNKNOWN SILICONE CMPD.	24.51	6	J
9.		UNKNOWN SILICONE CMPD.	25.41	11	J
10.		UNKNOWN SILICONE CMPD.	26.30	5	J
11.		UNKNOWN SILICONE CMPD.	27.20	4	J
12.		UNKNOWN SILICONE CMPD.	28.23	4	J

ASP 2000 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW-9

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521904

Sample wt/vol: 1035.0 (g/mL) ML Lab File ID: Z56388.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/02/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/10/2003

Injection Volume: 2.00 (uL) Dilution Factor: 10.00

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	97	U R
108-95-2	Phenol	4	J
111-44-4	Bis(2-chloroethyl) ether	97	U R
95-57-8	2-Chlorophenol	97	U
95-48-7	2-Methylphenol	97	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	97	U R
98-86-2	Acetophenone	97	U R
106-44-5	4-Methylphenol	97	U
621-64-7	N-Nitroso-Di-n-propylamine	97	U R
67-72-1	Hexachloroethane	97	U R
98-95-3	Nitrobenzene	97	U R
78-59-1	Isophorone	97	U R
88-75-5	2-Nitrophenol	97	U
105-67-9	2,4-Dimethylphenol	97	U
111-91-1	Bis(2-chloroethoxy) methane	97	U R
120-83-2	2,4-Dichlorophenol	97	U
91-20-3	Naphthalene	97	U R
106-47-8	4-Chloroaniline	97	U
87-68-3	Hexachlorobutadiene	97	U
105-60-2	Caprolactam	97	U
59-50-7	4-Chloro-3-methylphenol	97	U
91-57-6	2-Methylnaphthalene	16	J J
77-47-4	Hexachlorocyclopentadiene	97	U R
88-06-2	2,4,6-Trichlorophenol	97	U
95-95-4	2,4,5-Trichlorophenol	240	U
92-52-4	Biphenyl	97	U R
91-58-7	2-Chloronaphthalene	97	U
88-74-4	2-Nitroaniline	240	U
131-11-3	Dimethyl phthalate	97	U
606-20-2	2,6-Dinitrotoluene	97	U
208-96-8	Acenaphthylene	97	U
99-09-2	3-Nitroaniline	240	U

ASP 2000 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW-9

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521904

Sample wt/vol: 1035.0 (g/mL) ML Lab File ID: Z56388.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/02/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/10/2003

Injection Volume: 2.00 (uL) Dilution Factor: 10.00

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	97	U
51-28-5	2,4-Dinitrophenol	240	UJ
100-02-7	4-Nitrophenol	240	U
132-64-9	Dibenzofuran	97	U
121-14-2	2,4-Dinitrotoluene	97	U
84-66-2	Diethyl phthalate	97	U
86-73-7	Fluorene	97	U
7005-72-3	4-Chlorophenyl phenyl ether	97	U
100-01-6	4-Nitroaniline	240	U
534-52-1	4,6-Dinitro-2-methylphenol	240	U
86-30-6	N-nitrosodiphenylamine	97	U
101-55-3	4-Bromophenyl phenyl ether	97	U
118-74-1	Hexachlorobenzene	97	U
1912-24-9	Atrazine	97	U
87-86-5	Pentachlorophenol	240	U
85-01-8	Phenanthrene	97	U
120-12-7	Anthracene	97	U
86-74-8	Carbazole	97	U
84-74-2	Di-n-butyl phthalate	97	U
206-44-0	Fluoranthene	97	U
129-00-0	Pyrene	97	U
85-68-7	Butyl benzyl phthalate	97	U
91-94-1	3,3'-Dichlorobenzidine	97	U
56-55-3	Benzo(a)anthracene	97	U
218-01-9	Chrysene	97	U
117-81-7	Bis(2-ethylhexyl) phthalate	97	U
117-84-0	Di-n-octyl phthalate	97	U
205-99-2	Benzo(b)fluoranthene	97	U
207-08-9	Benzo(k)fluoranthene	97	U
50-32-8	Benzo(a)pyrene	97	U
193-39-5	Indeno(1,2,3-cd)pyrene	97	U
53-70-3	Dibenzo(a,h)anthracene	97	U

ASP 2000 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW-9

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3521904

ample wt/vol: 1035.0 (g/mL) ML Lab File ID: Z56388.RR

evel: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 06/02/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 06/10/2003

njection Volume: 2.00 (uL) Dilution Factor: 10.00

PC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
191-24-2	Benzo(ghi)perylene	97	U

ASP 2000 - SEMIVOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW-9

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3521904

ample wt/vol: 1035.0 (g/mL) ML Lab File ID: Z56388.RR

evel: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 06/02/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 06/10/2003

njection Volume: 2.00 (uL) Dilution Factor: 10.00

PC Cleanup: (Y/N) N pH: 7.0

umber TICs found: 30 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		TRIMETHYLBENZENE ISOMER	8.57	250	JR
2.		UNKNOWN	8.66	94	JR
3.	496-11-7	INDANE	8.81	77	JN
4.	95-13-6	INDENE	8.97	28	JN
5.		METHYLPROPYLBENZENE ISOMER	9.07	260	JR
6.		DIETHYLBENZENE ISOMER	9.14	120	J
7.		ETHYLMETHYLETHYLBENZENE ISOM	9.19	280	J
8.		METHYLPROPYLBENZENE ISOMER	9.34	120	J
9.		METHYLMETHYLETHYLBENZENE ISO	9.76	60	J
10.		METHYLMETHYLETHYLBENZENE ISO	10.01	180	J
11.		TETRAMETHYLBENZENE ISOMER	10.16	520	J
12.		TETRAMETHYLBENZENE ISOMER	10.22	300	J
13.		ETHENYLDIMETHYLBENZENE ISOME	10.54	120	J
14.		ETHENYLDIMETHYLBENZENE ISOME	10.72	830	J
15.	767-60-2	3-METHYL-1H-INDENE	10.79	63	JN
16.		UNKNOWN	10.92	51	JR
17.		UNKNOWN	11.07	45	J
18.		DIMETHYLMETHYLETHYLBENZENE I	11.42	98	J
19.		PENTAMETHYLBENZENE ISOMER	11.61	29	JR
20.		UNKNOWN	11.99	30	JR
21.	6682-71-9	2,3-DIHYDRODIMETHYL-1H-INDEN	12.22	31	JN
22.		DIMETHYLPHENYLETHANONE ISOME	12.41	44	JR
23.		UNKNOWN	12.67	120	JR

ASP 2000 - SEMIVOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW-9

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3521904

ample wt/vol: 1035.0 (g/mL) ML Lab File ID: Z56388.RR

evel: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 06/02/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 06/10/2003

njection Volume: 2.00 (uL) Dilution Factor: 10.00

PC Cleanup: (Y/N) N pH: 7.0

umber TICs found: 30 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q
24.	UNKNOWN	13.07	59	JB
25.	DIMETHYLPHENYLETHANONE ISOME	13.19	110	JB
26.	ETHENYLMETHYLBENZENE ISOME	14.21	31	JB
27.	UNKNOWN	14.76	86	JB
28.	UNKNOWN	14.87	100	JB
29.	UNKNOWN	16.04	36	JB
30.	UNKNOWN	21.37	46	JB

ASP 2000 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW-9

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3521904RE

ample wt/vol: 1045.0 (g/mL) ML Lab File ID: Z56390.RR

evel: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 06/09/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 06/10/2003

njection Volume: 2.00 (uL) Dilution Factor: 10.00

PC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	96	UJ
108-95-2	Phenol	5	J
111-44-4	Bis(2-chloroethyl) ether	96	UJ
95-57-8	2-Chlorophenol	96	U
95-48-7	2-Methylphenol	96	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	96	UJ
98-86-2	Acetophenone	96	UJ
106-44-5	4-Methylphenol	96	U
621-64-7	N-Nitroso-Di-n-propylamine	96	UJ
67-72-1	Hexachloroethane	96	U
98-95-3	Nitrobenzene	96	U
78-59-1	Isophorone	96	U
88-75-5	2-Nitrophenol	96	U
105-67-9	2,4-Dimethylphenol	96	U
111-91-1	Bis(2-chloroethoxy) methane	96	UJ
120-83-2	2,4-Dichlorophenol	96	U
91-20-3	Naphthalene	96	UJ
106-47-8	4-Chloroaniline	96	U
87-68-3	Hexachlorobutadiene	96	U
105-60-2	Caprolactam	96	U
59-50-7	4-Chloro-3-methylphenol	96	U
91-57-6	2-Methylnaphthalene	20	JJ
77-47-4	Hexachlorocyclopentadiene	96	UJ
88-06-2	2,4,6-Trichlorophenol	96	U
95-95-4	2,4,5-Trichlorophenol	240	U
92-52-4	Biphenyl	96	UJ
91-58-7	2-Chloronaphthalene	96	U
88-74-4	2-Nitroaniline	240	U
131-11-3	Dimethyl phthalate	96	U
606-20-2	2,6-Dinitrotoluene	96	U
208-96-8	Acenaphthylene	96	U
99-09-2	3-Nitroaniline	240	U

ASP 2000 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW-9

ab Name: STL Buffalo Contract: _____

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

latrix: (soil/water) WATER Lab Sample ID: A3521904RE

ample wt/vol: 1045.0 (g/mL) ML Lab File ID: Z56390.RR

evel: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 06/09/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 06/10/2003

njection Volume: 2.00 (uL) Dilution Factor: 10.00

PC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	96	UJ
51-28-5	2,4-Dinitrophenol	240	UJ
100-02-7	4-Nitrophenol	240	U
132-64-9	Dibenzofuran	96	UJ
121-14-2	2,4-Dinitrotoluene	96	U
84-66-2	Diethyl phthalate	96	U
86-73-7	Fluorene	96	U
7005-72-3	4-Chlorophenyl phenyl ether	96	U
100-01-6	4-Nitroaniline	240	U
534-52-1	4,6-Dinitro-2-methylphenol	240	U
86-30-6	N-nitrosodiphenylamine	96	UJ
101-55-3	4-Bromophenyl phenyl ether	96	U
118-74-1	Hexachlorobenzene	96	U
1912-24-9	Atrazine	96	U
87-86-5	Pentachlorophenol	240	U
85-01-8	Phenanthrene	96	UJ
120-12-7	Anthracene	96	U
86-74-8	Carbazole	96	U
84-74-2	Di-n-butyl phthalate	6	J+J
206-44-0	Fluoranthene	96	UJ
129-00-0	Pyrene	96	U
85-68-7	Butyl benzyl phthalate	96	U
91-94-1	3,3'-Dichlorobenzidine	96	U
56-55-3	Benzo(a)anthracene	96	U
218-01-9	Chrysene	96	U
117-81-7	Bis(2-ethylhexyl) phthalate	96	U
117-84-0	Di-n-octyl phthalate	96	U
205-99-2	Benzo(b)fluoranthene	96	U
207-08-9	Benzo(k)fluoranthene	96	U
50-32-8	Benzo(a)pyrene	96	U
193-39-5	Indeno(1,2,3-cd)pyrene	96	U
53-70-3	Dibenzo(a,h)anthracene	96	UJ

ASP 2000 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW-9

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521904RE

Sample wt/vol: 1045.0 (g/mL) ML Lab File ID: Z56390.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/09/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/10/2003

Injection Volume: 2.00 (uL) Dilution Factor: 10.00

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
191-24-2	Benzo(ghi)perylene	96	UJ

ASP 2000 - SEMIVOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW-9

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521904RE

Sample wt/vol: 1045.0 (g/mL) ML Lab File ID: Z56390.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/09/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/10/2003

Injection Volume: 2.00 (uL) Dilution Factor: 10.00

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 30 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		TRIMETHYLBENZENE ISOMER	8.57	320	JR
2.		UNKNOWN	8.66	180	JR
3.	496-11-7	INDANE	8.82	91	JN
4.		METHYLPROPYLBENZENE ISOMER	9.07	360	JR
5.		DIETHYLBENZENE ISOMER	9.14	160	J
6.		METHYLMETHYLETHYLBENZENE ISO	9.19	380	J
7.		METHYLPROPYLBENZENE ISOMER	9.34	180	J
8.		METHYLMETHYLETHYLBENZENE ISO	9.76	80	J
9.		ETHYLDIMETHYLBENZENE ISOMER	10.01	240	J
10.		TETRAMETHYLBENZENE ISOMER	10.16	700	J
11.		TETRAMETHYLBENZENE ISOMER	10.22	310	J
12.		UNKNOWN BENZENE DER.	10.47	61	J
13.	824-22-6	2,3-DIHYDRO-4-METHYL-1H-INDE	10.54	140	JN
14.		2-ETHENYLDIMETHYLBENZENE ISO	10.72	1100	JR
15.		UNKNOWN BENZENE DER.	10.86	49	JR
16.		UNKNOWN BENZENE DER.	11.07	79	JR
17.		LINALYL PROPANOATE	11.34	130	JN
18.		DIMETHYLMETHYLETHYLBENZENE I	11.42	160	JN
19.		DIMETHYLMETHYLETHYLBENZENE I	11.61	52	JN
20.		UNKNOWN BENZENE DER.	12.01	51	JR
21.		2,3-DIHYDROMETHYL-1H-INDENE	12.22	46	JN
22.		UNKNOWN	12.41	71	JR
23.	1123-94-0	4-ETHYL-3-METHYLPHENOL	12.56	81	JN

ASP 2000 - SEMIVOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW-9

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3521904RE

mple wt/vol: 1045.0 (g/mL) ML Lab File ID: Z56390.RR

evel: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 06/09/2003

ncentrated Extract Volume: 1000 (uL) Date Analyzed: 06/10/2003

jection Volume: 2.00 (uL) Dilution Factor: 10.00

PC Cleanup: (Y/N) N pH: 7.0

mber TICs found: 30 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q
24.	UNKNOWN BENZENE DER.	12.67	160	J
25.	DIMETHYLPHENYL ETHANONE ISOM	13.07	91	J
26.	UNKNOWN	13.19	140	J
27.	UNKNOWN	14.77	110	J
28.	UNKNOWN	14.89	84	J
29.	UNKNOWN	16.06	46	J
30.	UNKNOWN	21.37	82	J

ASP 2000 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW-10

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521905

Sample wt/vol: 1040.0 (g/mL) ML Lab File ID: Z56309.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/03/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/04/2003

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	22	
621-64-7	N-Nitroso-Di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	680	EJ
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	54	
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	24	U
92-52-4	Biphenyl	1	EJ
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	24	U
131-11-3	Dimethyl phthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	24	U

ASP 2000 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW-10

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3521905

ample wt/vol: 1040.0 (g/mL) ML Lab File ID: Z56309.RR

evel: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 06/03/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 06/04/2003

njection Volume: 2.00 (uL) Dilution Factor: 1.00

PC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	24	UJ
100-02-7	4-Nitrophenol	24	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethyl phthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
100-01-6	4-Nitroaniline	24	U
534-52-1	4,6-Dinitro-2-methylphenol	24	UJ
86-30-6	N-nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	24	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butyl phthalate	5	J
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butyl benzyl phthalate	0.6	J
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	5 B	BJU
117-84-0	Di-n-octyl phthalate	0.5	J
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U

ASP 2000 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW-10

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521905

Sample wt/vol: 1040.0 (g/mL) ML Lab File ID: Z56309.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/03/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/04/2003

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
191-24-2	Benzo(ghi)perylene	10	U

ASP 2000 - SEMIVOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW-10

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3521905

ample wt/vol: 1040.0 (g/mL) ML Lab File ID: Z56309.RR

evel: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 06/03/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 06/04/2003

njection Volume: 2.00 (uL) Dilution Factor: 1.00

PC Cleanup: (Y/N) N pH: 5.0

umber TICs found: 30 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	107-92-6	BUTANOIC ACID	3.81	10	JN
2.	503-74-2	3-METHYL BUTANOIC ACID	5.01	10	JN
3.		UNKNOWN	5.86	11	J
4.		ETHYLMETHYLBENZENE ISOMER	7.23	20	J
5.		TRIMETHYLBENZENE ISOMER	7.35	12	J
6.		TRIMETHYLBENZENE ISOMER	8.38	260	J
7.		UNKNOWN	8.46	34	J
8.	496-11-7	INDANE	8.61	83	JN
9.		METHYLPROPYLBENZENE ISOMER	8.90	290	J
10.		DIETHYLBENZENE ISOMER	9.08	16	J
11.		METHYLMETHYLETHYLBENZENE ISO	9.60	51	J
12.		TETRAMETHYLBENZENE ISOMER	10.03	11	J
13.		TETRAMETHYLBENZENE ISOMER	10.11	11	J
14.		ETHENYLDIMETHYLBENZENE ISOME	10.60	16	J
15.		UNKNOWN	14.61	10	J
16.		UNKNOWN	14.73	10	J
17.		UNKNOWN	15.93	6	J
18.		UNKNOWN	16.83	7	J
19.	25154-52-3	NONYLPHENOL	17.11	8	JN
20.		TETRAMETHTLBUTYLPHENOL ISOME	17.18	17	J
21.		UNKNOWN PHENOL DER.	17.25	24	J
22.		UNKNOWN PHENOL DER.	17.30	16	J
23.		UNKNOWN PHENOL DER.	17.35	11	J

ASP 2000 - SEMIVOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW-10

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3521905

ample wt/vol: 1040.0 (g/mL) ML Lab File ID: Z56309.RR

evel: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 06/03/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 06/04/2003

njection Volume: 2.00 (uL) Dilution Factor: 1.00

PC Cleanup: (Y/N) N pH: 5.0

umber TICs found: 30 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q
24.	UNKNOWN PHENOL DER.	17.41	13	JB
25.	UNKNOWN PHENOL DER.	17.48	23	JB
26.	UNKNOWN PHENOL DER.	17.53	24	JB
27.	UNKNOWN	18.38	19	JB
28.	UNKNOWN	18.93	11	JB
29.	UNKNOWN	19.08	7	JB
30.	UNKNOWN	21.21	30	JB

ASP 2000 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW-10 DL

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3521905DL

ample wt/vol: 1040.0 (g/mL) ML Lab File ID: Z56387.RR

evel: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 06/03/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 06/10/2003

njection Volume: 2.00 (uL) Dilution Factor: 40.00

PC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	380	U
108-95-2	Phenol	380	U
111-44-4	Bis(2-chloroethyl) ether	380	U
95-57-8	2-Chlorophenol	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	380	U
98-86-2	Acetophenone	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-Di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	Bis(2-chloroethoxy) methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
91-20-3	Naphthalene	1200	D
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
105-60-2	Caprolactam	380	U
59-50-7	4-Chloro-3-methylphenol	380	U
91-57-6	2-Methylnaphthalene	50	DJ
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	960	U
92-52-4	Biphenyl	380	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	960	U
131-11-3	Dimethyl phthalate	380	U
606-20-2	2,6-Dinitrotoluene	380	U
208-96-8	Acenaphthylene	380	U
99-09-2	3-Nitroaniline	960	U

ASP 2000 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW-10 DL

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3521905DL

ample wt/vol: 1040.0 (g/mL) ML Lab File ID: Z56387.RR

evel: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 06/03/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 06/10/2003

njection Volume: 2.00 (uL) Dilution Factor: 40.00

PC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	380	U
51-28-5	2,4-Dinitrophenol	960	UJ
100-02-7	4-Nitrophenol	960	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethyl phthalate	380	U
86-73-7	Fluorene	380	U
7005-72-3	4-Chlorophenyl phenyl ether	380	U
100-01-6	4-Nitroaniline	960	U
534-52-1	4,6-Dinitro-2-methylphenol	960	UJ
86-30-6	N-nitrosodiphenylamine	380	U
101-55-3	4-Bromophenyl phenyl ether	380	U
118-74-1	Hexachlorobenzene	380	U
1912-24-9	Atrazine	380	U
87-86-5	Pentachlorophenol	960	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
86-74-8	Carbazole	380	U
84-74-2	Di-n-butyl phthalate	380	U
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butyl benzyl phthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	Bis(2-ethylhexyl) phthalate	380	U
117-84-0	Di-n-octyl phthalate	380	U
205-99-2	Benzo(b)fluoranthene	380	U
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenzo(a,h)anthracene	380	U

ASP 2000 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW-10 DL

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3521905DL

ample wt/vol: 1040.0 (g/mL) ML Lab File ID: Z56387.RR

evel: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 06/03/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 06/10/2003

njection Volume: 2.00 (uL) Dilution Factor: 40.00

PC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
191-24-2	Benzo(ghi)perylene	380	U

ASP 2000 - SEMIVOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW-10 DL

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3521905DL

ample wt/vol: 1040.0 (g/mL) ML Lab File ID: Z56387.RR

evel: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 06/03/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 06/10/2003

njection Volume: 2.00 (uL) Dilution Factor: 40.00

PC Cleanup: (Y/N) N pH: 5.0

umber TICs found: 12 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		ETHYLMETHYLBENZENE ISOMER	8.06	100	JA
2.		TRIMETHYLBENZENE ISOMER	8.57	360	JA
3.	496-11-7	INDANE	8.81	88	JN
4.		METHYLPROPYLBENZENE ISOMER	9.06	360	JA
5.		METHYLPROPYLBENZENE ISOMER	9.12	210	J
6.		ETHYLDIMETHYLBENZENE ISOMER	9.19	400	J
7.		METHYLPROPYLBENZENE ISOMER	9.34	140	J
8.		ETHYLDIMETHYLBENZENE ISOMER	9.99	170	J
9.		TETRAMETHYLBENZENE ISOMER	10.16	490	J
10.		TETRAMETHYLBENZENE ISOMER	10.22	710	J
11.	824-22-6	2,3-DIHYDRO-4-METHYL-1H-INDE	10.52	240	JN
12.	767-58-8	1-METHYL-INDAN	10.71	750	JN

ASP 2000 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW-20

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3521906

ample wt/vol: 1040.0 (g/mL) ML Lab File ID: Z56305.RR

evel: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 06/03/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 06/04/2003

njection Volume: 2.00 (uL) Dilution Factor: 1.00

PC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	24	U
92-52-4	Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	24	U
131-11-3	Dimethyl phthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	24	U

ASP 2000 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW-20

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521906

Sample wt/vol: 1040.0 (g/mL) ML Lab File ID: Z56305.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/03/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/04/2003

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	24	UJ
100-02-7	4-Nitrophenol	24	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethyl phthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
100-01-6	4-Nitroaniline	24	U
534-52-1	4,6-Dinitro-2-methylphenol	24	UJ
86-30-6	N-nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	24	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butyl phthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butyl benzyl phthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	2 | 0	BJU
117-84-0	Di-n-octyl phthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U

ASP 2000 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW-20

ab Name: STL Buffalo Contract: _____

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

latrix: (soil/water) WATER Lab Sample ID: A3521906

ample wt/vol: 1040.0 (g/mL) ML Lab File ID: Z56305.RR

evel: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 06/03/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 06/04/2003

njection Volume: 2.00 (uL) Dilution Factor: 1.00

PC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
191-24-2	Benzo(ghi)perylene	10	U

ASP 2000 - SEMIVOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW-20

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3521906

ample wt/vol: 1040.0 (g/mL) ML Lab File ID: Z56305.RR

evel: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 06/03/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 06/04/2003

njection Volume: 2.00 (uL) Dilution Factor: 1.00

PC Cleanup: (Y/N) N pH: 5.0

umber TICs found: 3 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	8.45	4	J R
2.	UNKNOWN	10.88	2	J
3.	UNKNOWN ACID	15.88	3	J

ASP 2000 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

A26S

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3521907

ample wt/vol: 1040.0 (g/mL) ML Lab File ID: Z56316.RR

evel: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 06/02/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 06/04/2003

njection Volume: 2.00 (uL) Dilution Factor: 1.00

PC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	24	U
92-52-4	Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	24	U
131-11-3	Dimethyl phthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	24	U

ASP 2000 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

A26S

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521907

Sample wt/vol: 1040.0 (g/mL) ML Lab File ID: Z56316.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/02/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/04/2003

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	24	UJ
100-02-7	4-Nitrophenol	24	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethyl phthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
100-01-6	4-Nitroaniline	24	U
534-52-1	4,6-Dinitro-2-methylphenol	24	U
86-30-6	N-nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	24	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butyl phthalate	0.5	J
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butyl benzyl phthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	0.9	J
117-84-0	Di-n-octyl phthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U

ASP 2000 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

A26S

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3521907

ample wt/vol: 1040.0 (g/mL) ML Lab File ID: Z56316.RR

evel: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 06/02/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 06/04/2003

njection Volume: 2.00 (uL) Dilution Factor: 1.00

PC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
191-24-2	Benzo(ghi)perylene	10	U

ASP 2000 - SEMIVOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

A26S

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521907

Sample wt/vol: 1040.0 (g/mL) ML Lab File ID: Z56316.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/02/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/04/2003

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	8.00	2	JR

ASP 2000 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

A27S

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521908

Sample wt/vol: 1045.0 (g/mL) ML Lab File ID: Z56317.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/02/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/04/2003

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	2 | 0	J U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	24	U
92-52-4	Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	24	U
131-11-3	Dimethyl phthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	24	U

ASP 2000 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

A27S

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3521908

ample wt/vol: 1045.0 (g/mL) ML Lab File ID: Z56317.RR

evel: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 06/02/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 06/04/2003

njection Volume: 2.00 (uL) Dilution Factor: 1.00

PC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	24	UJ
100-02-7	4-Nitrophenol	24	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethyl phthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
100-01-6	4-Nitroaniline	24	U
534-52-1	4,6-Dinitro-2-methylphenol	24	U
86-30-6	N-nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	24	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butyl phthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butyl benzyl phthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	12	
117-84-0	Di-n-octyl phthalate	0.7	J
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U

ASP 2000 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

A27S

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3521908

ample wt/vol: 1045.0 (g/mL) ML Lab File ID: Z56317.RR

evel: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 06/02/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 06/04/2003

njection Volume: 2.00 (uL) Dilution Factor: 1.00

PC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
191-24-2	Benzo(ghi)perylene	10	U

ASP 2000 - SEMIVOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.: A27S

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3521908

ample wt/vol: 1045.0 (g/mL) ML Lab File ID: Z56317.RR

evel: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 06/02/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 06/04/2003

njection Volume: 2.00 (uL) Dilution Factor: 1.00

PC Cleanup: (Y/N) N pH: 6.0

umber TICs found: 25 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN	8.00	2	JR
2.		METHYLPROPYLBENZENE ISOMER	8.86	6	JN
3.		DIETHYLBENZENE ISOMER	8.95	2	JN
4.		TETRAMETHYLBENZENE ISOMER	9.96	15	JN
5.		TETRAMETHYLBENZENE ISOMER	10.05	16	JN
6.	27133-93-3	2,3-DIHYDRO-1-METHYLINDENE	10.53	16	JN
7.		DIMETHYLMETHYLETHYLBENZENE I	10.86	3	JN
8.		UNKNOWN	11.26	3	JR
9.		UNKNOWN	11.90	2	JN
10.		UNKNOWN	12.01	4	JN
11.		UNKNOWN	12.23	2	JN
12.		DIMETHYLPHENYL ETHANONE ISOM	13.01	4	JN
13.		UNKNOWN	14.03	3	JN
14.		UNKNOWN ACID	15.03	4	JN
15.		UNKNOWN	15.65	8	JN
16.		UNKNOWN ACID	15.88	4	JN
17.		UNKNOWN	16.06	9	JN
18.		TETRAMETHYLBUTYLPHENOL ISOME	16.36	6	JN
19.		UNKNOWN PHENOL DER.	16.85	10	JN
20.		UNKNOWN	17.11	3	JN
21.		TETRAMETHYLBUTYLPHENOL ISOME	17.20	5	JN
22.		UNKNOWN PHENOL DER.	17.25	17	JN
23.	25154-52-3	NONYLPHENOL	17.30	6	JN

ASP 2000 - SEMIVOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.: A27S

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3521908

ample wt/vol: 1045.0 (g/mL) ML Lab File ID: Z56317.RR

evel: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 06/02/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 06/04/2003

njection Volume: 2.00 (uL) Dilution Factor: 1.00

PC Cleanup: (Y/N) N pH: 6.0

umber TICs found: 25 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q
24. 104-40-5	4-NONYLPHENOL	17.41	5	JN
25.	UNKNOWN PHENOL DER.	17.48	9	JR

ASP 2000 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

A42S

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3521909

ample wt/vol: 1000.0 (g/mL) ML Lab File ID: Z56318.RR

evel: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 06/02/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 06/04/2003

njection Volume: 2.00 (uL) Dilution Factor: 1.00

PC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	UJ
108-95-2	Phenol	10	U
111-44-4	Bis(2-chloroethyl) ether	10	UJ
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	UJ
98-86-2	Acetophenone	10	UJ
106-44-5	4-Methylphenol	2	J
621-64-7	N-Nitroso-Di-n-propylamine	10	UJ
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	UJ
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	510	EJ
106-47-8	4-Chloroaniline	10	UJ
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	21	J
77-47-4	Hexachlorocyclopentadiene	10	UJ
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	Biphenyl	1	J
91-58-7	2-Chloronaphthalene	10	UJ
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethyl phthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U

ASP 2000 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

A42S

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3521909

ample wt/vol: 1000.0 (g/mL) ML Lab File ID: Z56318.RR

evel: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 06/02/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 06/04/2003

njection Volume: 2.00 (uL) Dilution Factor: 1.00

PC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U J
51-28-5	2,4-Dinitrophenol	25	U J
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U J
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethyl phthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine	10	U J
101-55-3	4-Bromophenyl phenyl ether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U J
120-12-7	Anthracene	10	U J
86-74-8	Carbazole	10	U J
84-74-2	Di-n-butyl phthalate	0.9	J J
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butyl benzyl phthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	0.7	J J
117-84-0	Di-n-octyl phthalate	10	U J
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U

ASP 2000 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

A42S

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3521909

ample wt/vol: 1000.0 (g/mL) ML Lab File ID: Z56318.RR

evel: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 06/02/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 06/04/2003

njection Volume: 2.00 (uL) Dilution Factor: 1.00

PC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
191-24-2	Benzo(ghi)perylene	10	UJ

ASP 2000 - SEMIVOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.
A42S

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3521909

ample wt/vol: 1000.0 (g/mL) ML Lab File ID: Z56318.RR

evel: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 06/02/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 06/04/2003

njection Volume: 2.00 (uL) Dilution Factor: 1.00

PC Cleanup: (Y/N) N pH: 6.0

umber TICs found: 29 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		ETHYLMETHYLBENZENE ISOMER	7.25	8	JR
2.		UNKNOWN	7.91	8	J
3.		UNKNOWN	8.21	7	J
4.		TRIMETHYLBENZENE ISOMER	8.38	130	J
5.	496-11-7	INDANE	8.61	93	JN
6.		DIETHYLBENZENE ISOMER	8.85	96	JR
7.		ETHYLDIMETHYLBENZENE ISOMER	9.00	82	J
8.		DIETHYLBENZENE ISOMER	9.06	12	J
9.		METHYLMETHYLETHYLBENZENE ISO	9.58	27	J
10.		TETRAMETHYLBENZENE ISOMER	10.00	6	J
11.		TETRAMETHYLBENZENE ISOMER	10.08	8	J
12.	27133-93-3	2,3-DIHYDRO-1-METHYLINDENE	10.56	10	JN
13.		ETHENYLMETHYLBENZENE ISOMER	14.03	6	JR
14.		UNKNOWN	14.11	4	J
15.		UNKNOWN	14.43	6	J
16.		UNKNOWN	14.60	12	J
17.		UNKNOWN	14.73	23	J
18.		UNKNOWN	14.83	12	J
19.		UNKNOWN	15.53	4	J
20.		UNKNOWN	16.15	15	J
21.		UNKNOWN	17.10	10	J
22.		UNKNOWN	17.13	7	J
23.		UNKNOWN	17.50	5	J

ASP 2000 - SEMIVOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

A42S

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3521909

ample wt/vol: 1000.0 (g/mL) ML Lab File ID: Z56318.RR

evel: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 06/02/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 06/04/2003

njection Volume: 2.00 (uL) Dilution Factor: 1.00

PC Cleanup: (Y/N) N pH: 6.0

umber TICs found: 29 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q
24.	UNKNOWN	17.95	6	J
25.	UNKNOWN PHENOL DER.	18.23	10	J
26.	UNKNOWN PHENOL DER.	18.40	11	J
27.	UNKNOWN PHENOL DER.	18.78	22	J
28.	UNKNOWN PHENOL DER.	19.58	6	J
29.	UNKNOWN	20.48	6	J

ASP 2000 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

A42S DL

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3521909DL

ample wt/vol: 1000.0 (g/mL) ML Lab File ID: Z56419.RR

evel: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 06/02/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 06/12/2003

njection Volume: 2.00 (uL) Dilution Factor: 50.00

PC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	500	U
108-95-2	Phenol	500	U
111-44-4	Bis(2-chloroethyl) ether	500	U
95-57-8	2-Chlorophenol	500	U
95-48-7	2-Methylphenol	500	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	500	U
98-86-2	Acetophenone	500	U
106-44-5	4-Methylphenol	500	U
621-64-7	N-Nitroso-Di-n-propylamine	500	U
67-72-1	Hexachloroethane	500	U
98-95-3	Nitrobenzene	500	U
78-59-1	Isophorone	500	U
88-75-5	2-Nitrophenol	500	U
105-67-9	2,4-Dimethylphenol	500	U
111-91-1	Bis(2-chloroethoxy) methane	500	U
120-83-2	2,4-Dichlorophenol	500	U
91-20-3	Naphthalene	1000	D
106-47-8	4-Chloroaniline	500	U
87-68-3	Hexachlorobutadiene	500	U
105-60-2	Caprolactam	500	U
59-50-7	4-Chloro-3-methylphenol	500	U
91-57-6	2-Methylnaphthalene	18	DJ
77-47-4	Hexachlorocyclopentadiene	500	U
88-06-2	2,4,6-Trichlorophenol	500	U
95-95-4	2,4,5-Trichlorophenol	1200	U
92-52-4	Biphenyl	500	U
91-58-7	2-Chloronaphthalene	500	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethyl phthalate	500	U
606-20-2	2,6-Dinitrotoluene	500	U
208-96-8	Acenaphthylene	500	U
99-09-2	3-Nitroaniline	1200	U

ASP 2000 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

A42S DL

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521909DL

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: Z56419.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/02/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/12/2003

Injection Volume: 2.00 (uL) Dilution Factor: 50.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	500	U
51-28-5	2,4-Dinitrophenol	1200	UJ
100-02-7	4-Nitrophenol	1200	U
132-64-9	Dibenzofuran	500	U
121-14-2	2,4-Dinitrotoluene	500	U
84-66-2	Diethyl phthalate	500	U
86-73-7	Fluorene	500	U
7005-72-3	4-Chlorophenyl phenyl ether	500	U
100-01-6	4-Nitroaniline	1200	U
534-52-1	4,6-Dinitro-2-methylphenol	1200	U
86-30-6	N-nitrosodiphenylamine	500	U
101-55-3	4-Bromophenyl phenyl ether	500	U
118-74-1	Hexachlorobenzene	500	U
1912-24-9	Atrazine	500	U
87-86-5	Pentachlorophenol	1200	U
85-01-8	Phenanthrene	500	U
120-12-7	Anthracene	500	U
86-74-8	Carbazole	500	U
84-74-2	Di-n-butyl phthalate	500	U
206-44-0	Fluoranthene	500	U
129-00-0	Pyrene	500	U
85-68-7	Butyl benzyl phthalate	500	U
91-94-1	3,3'-Dichlorobenzidine	500	U
56-55-3	Benzo(a)anthracene	500	U
218-01-9	Chrysene	500	U
117-81-7	Bis(2-ethylhexyl) phthalate	500	U
117-84-0	Di-n-octyl phthalate	500	U
205-99-2	Benzo(b)fluoranthene	500	U
207-08-9	Benzo(k)fluoranthene	500	U
50-32-8	Benzo(a)pyrene	500	U
193-39-5	Indeno(1,2,3-cd)pyrene	500	U
53-70-3	Dibenzo(a,h)anthracene	500	UJ

ASP 2000 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

A42S DL

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3521909DL

ample wt/vol: 1000.0 (g/mL) ML Lab File ID: Z56419.RR

evel: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 06/02/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 06/12/2003

njection Volume: 2.00 (uL) Dilution Factor: 50.00

PC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
191-24-2	Benzo(ghi)perylene	500	U

ASP 2000 - SEMIVOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.: A42S DL

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3521909DL

ample wt/vol: 1000.0 (g/mL) ML Lab File ID: Z56419.RR

evel: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 06/02/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 06/12/2003

njection Volume: 2.00 (uL) Dilution Factor: 50.00

PC Cleanup: (Y/N) N pH: 6.0

umber TICs found: 8 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	TRIMETHYLBENZENE ISOMER	8.52	150	JR
2.	DIETHYLBENZENE ISOMER	9.14	100	J
3.	ETHYLDIMETHYLBENZENE ISOMER	9.46	340	J
4.	METHYLMETHYLETHYLBENZENE ISO	10.11	230	J
5.	TETRAMETHYLBENZENE ISOMER	10.17	370	J
6. 27133-93-3	2,3-DIHYDRO-1-METHYLINDENE	10.49	100	JN
7.	UNKNOWN	10.57	270	JR
8. 767-58-8	1-METHYL-INDAN	10.66	400	JN

ASP 2000 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.: A43S

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3521910

ample wt/vol: 1045.0 (g/mL) ML Lab File ID: Z56321.RR

evel: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 06/02/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 06/04/2003

njection Volume: 2.00 (uL) Dilution Factor: 1.00

PC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	24	U
92-52-4	Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	24	U
131-11-3	Dimethyl phthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	24	U

ASP 2000 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.: A43S

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3521910

ample wt/vol: 1045.0 (g/mL) ML Lab File ID: Z56321.RR

evel: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 06/02/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 06/04/2003

njection Volume: 2.00 (uL) Dilution Factor: 1.00

PC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	24	UJ
100-02-7	4-Nitrophenol	24	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethyl phthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
100-01-6	4-Nitroaniline	24	U
534-52-1	4,6-Dinitro-2-methylphenol	24	U
86-30-6	N-nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	24	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butyl phthalate	0.5	J
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butyl benzyl phthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	0.8	J
117-84-0	Di-n-octyl phthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U

ASP 2000 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.
A43S

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521910

Sample wt/vol: 1045.0 (g/mL) ML Lab File ID: Z56321.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/02/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/04/2003

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
191-24-2	Benzo(ghi)perylene	10	U

ASP 2000 - SEMIVOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.: A43S

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3521910

ample wt/vol: 1045.0 (g/mL) ML Lab File ID: Z56321.RR

evel: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 06/02/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 06/04/2003

njection Volume: 2.00 (uL) Dilution Factor: 1.00

PC Cleanup: (Y/N) N pH: 6.0

umber TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	8.45	3	~~J~~ R
2.	UNKNOWN PHENOL DER.	15.85	4	~~J~~ ↓

ASP 2000 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

RINSE BLANK

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3521911

ample wt/vol: 1050.0 (g/mL) ML Lab File ID: Z56322.RR

evel: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 06/02/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 06/04/2003

njection Volume: 2.00 (uL) Dilution Factor: 1.00

PC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	0.4	J
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	24	U
92-52-4	Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	24	U
131-11-3	Dimethyl phthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	24	U

ASP 2000 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

RINSE BLANK

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3521911

ample wt/vol: 1050.0 (g/mL) ML Lab File ID: Z56322.RR

evel: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 06/02/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 06/04/2003

njection Volume: 2.00 (uL) Dilution Factor: 1.00

PC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	24	UJ
100-02-7	4-Nitrophenol	24	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethyl phthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
100-01-6	4-Nitroaniline	24	U
534-52-1	4,6-Dinitro-2-methylphenol	24	U
86-30-6	N-nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	24	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butyl phthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butyl benzyl phthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	10	U
117-84-0	Di-n-octyl phthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U

ASP 2000 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

RINSE BLANK

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3521911

ample wt/vol: 1050.0 (g/mL) ML Lab File ID: Z56322.RR

evel: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 06/02/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 06/04/2003

njection Volume: 2.00 (uL) Dilution Factor: 1.00

PC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
191-24-2	Benzo(ghi)perylene	10	U

ASP 2000 - SEMIVOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

RINSE BLANK

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3521911

ample wt/vol: 1050.0 (g/mL) ML Lab File ID: Z56322.RR

evel: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 06/02/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 06/04/2003

njection Volume: 2.00 (uL) Dilution Factor: 1.00

PC Cleanup: (Y/N) N pH: 6.0

umber TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	8.00	2	JR

ASP 2000 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

DUP A

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521913

Sample wt/vol: 1040.0 (g/mL) ML Lab File ID: Z56389.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/02/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/10/2003

Injection Volume: 2.00 (uL) Dilution Factor: 20.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	190	U
108-95-2	Phenol	190	U
111-44-4	Bis(2-chloroethyl) ether	190	U
95-57-8	2-Chlorophenol	190	U
95-48-7	2-Methylphenol	190	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	190	U
98-86-2	Acetophenone	190	U
106-44-5	4-Methylphenol	190	U
621-64-7	N-Nitroso-Di-n-propylamine	190	U
67-72-1	Hexachloroethane	190	U
98-95-3	Nitrobenzene	190	U
78-59-1	Isophorone	190	U
88-75-5	2-Nitrophenol	190	U
105-67-9	2,4-Dimethylphenol	190	U
111-91-1	Bis(2-chloroethoxy) methane	190	U
120-83-2	2,4-Dichlorophenol	190	U
91-20-3	Naphthalene	810	
106-47-8	4-Chloroaniline	190	U
87-68-3	Hexachlorobutadiene	190	U
105-60-2	Caprolactam	190	U
59-50-7	4-Chloro-3-methylphenol	190	U
91-57-6	2-Methylnaphthalene	18	J
77-47-4	Hexachlorocyclopentadiene	190	U
88-06-2	2,4,6-Trichlorophenol	190	U
95-95-4	2,4,5-Trichlorophenol	480	U
92-52-4	Biphenyl	190	U
91-58-7	2-Chloronaphthalene	190	U
88-74-4	2-Nitroaniline	480	U
131-11-3	Dimethyl phthalate	190	U
606-20-2	2,6-Dinitrotoluene	190	U
208-96-8	Acenaphthylene	190	U
99-09-2	3-Nitroaniline	480	U

ASP 2000 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.: DUP A

Lab Name: SIL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A3521913

Sample wt/vol: 1040.0 (g/mL) ML Lab File ID: Z56389.RR

Level: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/02/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/10/2003

Injection Volume: 2.00 (uL) Dilution Factor: 20.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	190	U
51-28-5	2,4-Dinitrophenol	480	UJ
100-02-7	4-Nitrophenol	480	U
132-64-9	Dibenzofuran	190	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethyl phthalate	190	U
86-73-7	Fluorene	190	U
7005-72-3	4-Chlorophenyl phenyl ether	190	U
100-01-6	4-Nitroaniline	480	U
534-52-1	4,6-Dinitro-2-methylphenol	480	UJ
86-30-6	N-nitrosodiphenylamine	190	U
101-55-3	4-Bromophenyl phenyl ether	190	U
118-74-1	Hexachlorobenzene	190	U
1912-24-9	Atrazine	190	U
87-86-5	Pentachlorophenol	480	U
85-01-8	Phenanthrene	190	U
120-12-7	Anthracene	190	U
86-74-8	Carbazole	190	U
84-74-2	Di-n-butyl phthalate	190	U
206-44-0	Fluoranthene	190	U
129-00-0	Pyrene	190	U
85-68-7	Butyl benzyl phthalate	190	U
91-94-1	3,3'-Dichlorobenzidine	190	U
56-55-3	Benzo(a)anthracene	190	U
218-01-9	Chrysene	190	U
117-81-7	Bis(2-ethylhexyl) phthalate	190	U
117-84-0	Di-n-octyl phthalate	190	U
205-99-2	Benzo(b)fluoranthene	190	U
207-08-9	Benzo(k)fluoranthene	190	U
50-32-8	Benzo(a)pyrene	190	U
193-39-5	Indeno(1,2,3-cd)pyrene	190	U
53-70-3	Dibenzo(a,h)anthracene	190	U

ASP 2000 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

DUP A

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3521913

ample wt/vol: 1040.0 (g/mL) ML Lab File ID: Z56389.RR

evel: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 06/02/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 06/10/2003

njection Volume: 2.00 (uL) Dilution Factor: 20.00

PC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
191-24-2	Benzo(ghi)perylene	190	U

ASP 2000 - SEMIVOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

DUP A

ab Name: STL Buffalo Contract: _____

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

atrix: (soil/water) WATER Lab Sample ID: A3521913

ample wt/vol: 1040.0 (g/mL) ML Lab File ID: Z56389.RR

evel: (low/med) LOW Date Samp/Recv: 05/28/2003 05/30/2003

Moisture: _____ decanted: (Y/N) N Date Extracted: 06/02/2003

oncentrated Extract Volume: 1000 (uL) Date Analyzed: 06/10/2003

njection Volume: 2.00 (uL) Dilution Factor: 20.00

PC Cleanup: (Y/N) N pH: 6.0

umber TICs found: 15 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	TRIMETHYLBENZENE ISOMER	8.06	55	JP
2.	TRIMETHYLBENZENE ISOMER	8.57	140	JP
3. 496-11-7	INDANE	8.81	100	JN
4.	DIETHYLBENZENE ISOMER	9.04	89	JP
5.	DIETHYLBENZENE ISOMER	9.14	72	J
6.	ETHYLDIMETHYLBENZENE ISOMER	9.19	97	J
7.	METHYLPROPYLBENZENE ISOMER	9.34	49	J
8.	ETHYLDIMETHYLBENZENE ISOMER	9.99	58	J
9.	TETRAMETHYLBENZENE ISOMER	10.16	210	J
10.	TETRAMETHYLBENZENE ISOMER	10.22	320	J
11. 767-58-8	1-METHYL-INDAN	10.54	100	JN
12.	UNKNOWN	10.62	260	JP
13.	METHYL-INDAN ISOMER	10.71	350	J
14.	UNKNOWN	14.64	58	J
15.	UNKNOWN ACID	15.17	64	J

APPENDIX B

SVE ANALYTICAL RESULTS - AIR
(MAY 28, 2003)

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ANALYTICAL LABORATORY

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

RECEIVED
Route To: Brian Neum
JUL 17

REPORT DATE 7/10/03
Proj: Flagship
File Code: 8A

SHAW ENV. & INFRASTRUCTURE - NY
13 BRITISH AMERICAN BOULEVARD
LATHAM, NY 12110
ATTN: BRIAN NEUMANN

CONTRACT NUMBER:
PURCHASE ORDER NUMBER: 820131-06000000

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMS-72254
JOB NUMBER: 820131-0600000

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

PROJECT LOCATION: FLAGSHIP

FIELD SAMPLE #	LAB ID	MATRIX	SAMPLE DESCRIPTION	TEST
*SB0626033(4-6)	03B15762	SOIL	NOT SPECIFIED	8260 water - tclp
*SB0626033(4-6)	03B15762	SOIL	NOT SPECIFIED	8270 water - tclp
SB0626034(11-12)	03B15764	SOIL	NOT SPECIFIED	8260 water - tclp
SB0626034(11-12)	03B15764	SOIL	NOT SPECIFIED	8270 water - tclp
SB0626034(4-6)	03B15763	SOIL	NOT SPECIFIED	8260 water - tclp
SB0626034(4-6)	03B15763	SOIL	NOT SPECIFIED	8270 water - tclp

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 7/10/03

SIGNATURE DATE

Tod Kopyscinski
Director of Operations

Sondra S. Kocot
Quality Control Coordinator

Edward Denson
Technical Director

* See end of data tabulation for notes and comments pertaining to this sample

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BRIAN NEUMANN
SHAW ENV. & INFRASTRUCTURE - NY
13 BRITISH AMERICAN BOULEVARD
LATHAM, NY 12110

7/10/03

Purchase Order No.: 820131-06000000

Project Location: FLAGSHIP
Date Received: 7/1/03
Field Sample # : SB0626033(4-6)

LIMS-BAT #: LIMS-72254
Job Number: 820131-0600000

Sample ID : 03B15762

Sampled : 6/26/03
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acetone	ug/l	ND	07/03/03	BGL	100.			
Acrolein	ug/l	ND	07/03/03	BGL	200.			
Acrylonitrile	ug/l	ND	07/03/03	BGL	5.0			
tert-Amylmethyl Ether	ug/l	ND	07/03/03	BGL	5.0			
Benzene	ug/l	ND	07/03/03	BGL	6.0			
Bromobenzene	ug/l	ND	07/03/03	BGL	5.0			
Bromochloromethane	ug/l	ND	07/03/03	BGL	7.0			
Bromodichloromethane	ug/l	ND	07/03/03	BGL	4.0			
Bromomethane	ug/l	ND	07/03/03	BGL	12.0			
Bromoform	ug/l	ND	07/03/03	BGL	12.0			
2-Butanone (MEK)	ug/l	ND	07/03/03	BGL	100.			
tert-Butyl Alcohol	ug/l	ND	07/03/03	BGL	200.			
n-Butylbenzene	ug/l	1770.	07/03/03	BGL	7.0			
sec-Butylbenzene	ug/l	244.	07/03/03	BGL	6.0			
tert-Butylbenzene	ug/l	ND	07/03/03	BGL	8.0			
tert-Butylethyl Ether	ug/l	ND	07/03/03	BGL	5.0			
Carbon Disulfide	ug/l	ND	07/03/03	BGL	30.0			
Carbon Tetrachloride	ug/l	ND	07/03/03	BGL	5.0			
Chlorobenzene	ug/l	ND	07/03/03	BGL	6.0			
Chlorodibromomethane	ug/l	ND	07/03/03	BGL	5.0			
Chloroethane	ug/l	ND	07/03/03	BGL	8.0			
2-Chloroethylvinylether	ug/l	ND	07/03/03	BGL	96.0			
Chloroform	ug/l	ND	07/03/03	BGL	8.0			
Chloromethane	ug/l	ND	07/03/03	BGL	12.0			
2-Chlorotoluene	ug/l	ND	07/03/03	BGL	6.0			
4-Chlorotoluene	ug/l	ND	07/03/03	BGL	6.0			
1,2-Dibromo-3-Chloropropane	ug/l	ND	07/03/03	BGL	16.0			
1,2-Dibromoethane	ug/l	ND	07/03/03	BGL	7.0			
Dibromomethane	ug/l	ND	07/03/03	BGL	11.0			
1,2-Dichlorobenzene	ug/l	ND	07/03/03	BGL	8.0			

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample

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BRIAN NEUMANN
SHAW ENV. & INFRASTRUCTURE - NY
13 BRITISH AMERICAN BOULEVARD
LATHAM, NY 12110

Purchase Order No.: 820131-06000000

Project Location: FLAGSHIP
Date Received: 7/1/03
Field Sample # : SB0626033(4-6)

LIMS-BAT #: LIMS-72254
Job Number: 820131-0600000

Sample ID : 03B15762

Sampled : 6/26/03
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,3-Dichlorobenzene	ug/l	ND	07/03/03	BGL	6.0			
1,4-Dichlorobenzene	ug/l	ND	07/03/03	BGL	8.0			
cis-1,4-Dichloro-2-Butene	ug/l	ND	07/03/03	BGL	24.0			
trans-1,4-Dichloro-2-Butene	ug/l	ND	07/03/03	BGL	21.0			
Dichlorodifluoromethane	ug/l	ND	07/03/03	BGL	10.0			
1,1-Dichloroethane	ug/l	ND	07/03/03	BGL	7.0			
1,2-Dichloroethane	ug/l	ND	07/03/03	BGL	9.0			
1,1-Dichloroethylene	ug/l	ND	07/03/03	BGL	6.0			
cis-1,2-Dichloroethylene	ug/l	ND	07/03/03	BGL	5.0			
trans-1,2-Dichloroethylene	ug/l	ND	07/03/03	BGL	8.0			
1,2-Dichloropropane	ug/l	ND	07/03/03	BGL	6.0			
1,3-Dichloropropane	ug/l	ND	07/03/03	BGL	5.0			
2,2-Dichloropropane	ug/l	ND	07/03/03	BGL	9.0			
1,1-Dichloropropene	ug/l	ND	07/03/03	BGL	5.0			
cis-1,3-Dichloropropene	ug/l	ND	07/03/03	BGL	5.0			
trans-1,3-Dichloropropene	ug/l	ND	07/03/03	BGL	4.0			
Diethyl Ether	ug/l	ND	07/03/03	BGL	20.0			
Diisopropyl Ether	ug/l	ND	07/03/03	BGL	5.0			
Ethyl Benzene	ug/l	ND	07/03/03	BGL	6.0			
Ethyl Methacrylate	ug/l	ND	07/03/03	BGL	8.0			
Hexachlorobutadiene	ug/l	ND	07/03/03	BGL	13.0			
2-Hexanone	ug/l	ND	07/03/03	BGL	97.0			
Iodomethane	ug/l	ND	07/03/03	BGL	8.0			
Isopropylbenzene	ug/l	ND	07/03/03	BGL	4.0			
p-Isopropyltoluene	ug/l	238.	07/03/03	BGL	7.0			
MTBE	ug/l	ND	07/03/03	BGL	8.0			
Methylene Chloride	ug/l	ND	07/03/03	BGL	30.0			
MIBK	ug/l	ND	07/03/03	BGL	88.0			
Naphthalene	ug/l	4170.	07/03/03	BGL	10.0			
n-Propylbenzene	ug/l	10.1	07/03/03	BGL	8.0			

RL = Reporting Limit

ND = Not Detected

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample

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BRIAN NEUMANN
SHAW ENV. & INFRASTRUCTURE - NY
13 BRITISH AMERICAN BOULEVARD
LATHAM, NY 12110

Purchase Order No.: 820131-06000000

Project Location: FLAGSHIP
Date Received: 7/1/03
Field Sample # : SB0626033(4-6)

LIMS-BAT #: LIMS-72254
Job Number: 820131-0600000

Sample ID : 03B15762

Sampled : 6/26/03
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Styrene	ug/l	ND	07/03/03	BGL	7.0			
1,1,1,2-Tetrachloroethane	ug/l	ND	07/03/03	BGL	5.0			
1,1,2,2-Tetrachloroethane	ug/l	ND	07/03/03	BGL	5.0			
Tetrachloroethylene	ug/l	370.	07/03/03	BGL	4.0			
Tetrahydrofuran	ug/l	ND	07/03/03	BGL	50.0			
Toluene	ug/l	ND	07/03/03	BGL	7.0			
1,2,3-Trichlorobenzene	ug/l	ND	07/03/03	BGL	7.0			
1,2,4-Trichlorobenzene	ug/l	ND	07/03/03	BGL	7.0			
1,1,1-Trichloroethane	ug/l	ND	07/03/03	BGL	9.0			
1,1,2-Trichloroethane	ug/l	ND	07/03/03	BGL	7.0			
Trichloroethylene	ug/l	ND	07/03/03	BGL	10.0			
Trichlorofluoromethane	ug/l	ND	07/03/03	BGL	7.0			
1,2,3-Trichloropropane	ug/l	ND	07/03/03	BGL	13.0			
1,2,4-Trimethylbenzene	ug/l	647.	07/03/03	BGL	7.0			
1,3,5-Trimethylbenzene	ug/l	116.	07/03/03	BGL	10.0			
Vinyl Acetate	ug/l	ND	07/03/03	BGL	164.			
Vinyl Chloride	ug/l	ND	07/03/03	BGL	3.0			
m + p Xylene	ug/l	ND	07/03/03	BGL	13.0			
o-Xylene	ug/l	10.3	07/03/03	BGL	5.0			

Analytical Method:
SW846 1311/8260
TCLP EXTRACTS ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

RL = Reporting Limit

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* = See end of report for comments and notes applying to this sample

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BRIAN NEUMANN
SHAW ENV. & INFRASTRUCTURE - NY
13 BRITISH AMERICAN BOULEVARD
LATHAM, NY 12110

7/10/03

Purchase Order No.: 820131-06000000

Project Location: FLAGSHIP
Date Received: 7/1/03
Field Sample # : SB0626034(11-12)
Sample ID : 03B15764
Sampled : 6/26/03
NOT SPECIFIED
Sample Matrix: SOIL

LIMS-BAT #: LIMS-72254
Job Number: 820131-0600000

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acetone	ug/l	ND	07/03/03	BGL	10.0			
Acrolein	ug/l	ND	07/03/03	BGL	20.0			
Acrylonitrile	ug/l	ND	07/03/03	BGL	0.5			
tert-Amylmethyl Ether	ug/l	ND	07/03/03	BGL	0.5			
Benzene	ug/l	ND	07/03/03	BGL	0.6			
Bromobenzene	ug/l	ND	07/03/03	BGL	0.5			
Bromochloromethane	ug/l	ND	07/03/03	BGL	0.7			
Bromodichloromethane	ug/l	ND	07/03/03	BGL	0.4			
Bromomethane	ug/l	ND	07/03/03	BGL	1.2			
Bromoform	ug/l	ND	07/03/03	BGL	1.2			
2-Butanone (MEK)	ug/l	ND	07/03/03	BGL	10.0			
tert-Butyl Alcohol	ug/l	ND	07/03/03	BGL	20.0			
n-Butylbenzene	ug/l	4.5	07/03/03	BGL	0.7			
sec-Butylbenzene	ug/l	ND	07/03/03	BGL	0.6			
tert-Butylbenzene	ug/l	ND	07/03/03	BGL	0.8			
tert-Butylethyl Ether	ug/l	ND	07/03/03	BGL	0.5			
Carbon Disulfide	ug/l	ND	07/03/03	BGL	3.0			
Carbon Tetrachloride	ug/l	ND	07/03/03	BGL	0.5			
Chlorobenzene	ug/l	ND	07/03/03	BGL	0.6			
Chlorodibromomethane	ug/l	ND	07/03/03	BGL	0.5			
Chloroethane	ug/l	ND	07/03/03	BGL	0.8			
2-Chloroethylvinylether	ug/l	ND	07/03/03	BGL	9.6			
Chloroform	ug/l	ND	07/03/03	BGL	0.8			
Chloromethane	ug/l	ND	07/03/03	BGL	1.2			
2-Chlorotoluene	ug/l	ND	07/03/03	BGL	0.6			
4-Chlorotoluene	ug/l	ND	07/03/03	BGL	0.6			
1,2-Dibromo-3-Chloropropane	ug/l	ND	07/03/03	BGL	1.6			
1,2-Dibromoethane	ug/l	ND	07/03/03	BGL	0.7			
Dibromomethane	ug/l	ND	07/03/03	BGL	1.1			
1,2-Dichlorobenzene	ug/l	ND	07/03/03	BGL	0.8			

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LATHAM, NY 12110

Purchase Order No.: 820131-06000000

Project Location: FLAGSHIP
Date Received: 7/1/03
Field Sample # : SB0626034(11-12)
Sample ID : 03B15764
Sampled : 6/26/03
NOT SPECIFIED
Sample Matrix: SOIL

LIMS-BAT #: LIMS-72254
Job Number: 820131-0600000

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,3-Dichlorobenzene	ug/l	ND	07/03/03	BGL	0.6			
1,4-Dichlorobenzene	ug/l	ND	07/03/03	BGL	0.8			
cis-1,4-Dichloro-2-Butene	ug/l	ND	07/03/03	BGL	2.4			
trans-1,4-Dichloro-2-Butene	ug/l	ND	07/03/03	BGL	2.1			
Dichlorodifluoromethane	ug/l	ND	07/03/03	BGL	1.0			
1,1-Dichloroethane	ug/l	ND	07/03/03	BGL	0.7			
1,2-Dichloroethane	ug/l	ND	07/03/03	BGL	0.9			
1,1-Dichloroethylene	ug/l	ND	07/03/03	BGL	0.6			
cis-1,2-Dichloroethylene	ug/l	ND	07/03/03	BGL	0.5			
trans-1,2-Dichloroethylene	ug/l	ND	07/03/03	BGL	0.8			
1,2-Dichloropropane	ug/l	ND	07/03/03	BGL	0.6			
1,3-Dichloropropane	ug/l	ND	07/03/03	BGL	0.5			
2,2-Dichloropropane	ug/l	ND	07/03/03	BGL	0.9			
1,1-Dichloropropene	ug/l	ND	07/03/03	BGL	0.5			
cis-1,3-Dichloropropene	ug/l	ND	07/03/03	BGL	0.5			
trans-1,3-Dichloropropene	ug/l	ND	07/03/03	BGL	0.4			
Diethyl Ether	ug/l	ND	07/03/03	BGL	2.0			
Diisopropyl Ether	ug/l	ND	07/03/03	BGL	0.5			
Ethyl Benzene	ug/l	ND	07/03/03	BGL	0.6			
Ethyl Methacrylate	ug/l	ND	07/03/03	BGL	0.8			
Hexachlorobutadiene	ug/l	ND	07/03/03	BGL	1.3			
2-Hexanone	ug/l	ND	07/03/03	BGL	9.7			
Iodomethane	ug/l	ND	07/03/03	BGL	0.8			
Isopropylbenzene	ug/l	ND	07/03/03	BGL	0.4			
p-Isopropyltoluene	ug/l	ND	07/03/03	BGL	0.7			
MTBE	ug/l	ND	07/03/03	BGL	0.8			
Methylene Chloride	ug/l	ND	07/03/03	BGL	3.0			
MIBK	ug/l	ND	07/03/03	BGL	8.8			
Naphthalene	ug/l	11.7	07/03/03	BGL	1.0			
n-Propylbenzene	ug/l	ND	07/03/03	BGL	0.8			

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LATHAM, NY 12110

Purchase Order No.: 820131-06000000

Project Location: FLAGSHIP
Date Received: 7/1/03
Field Sample # : SB0626034(11-12)

LIMS-BAT #: LIMS-72254
Job Number: 820131-0600000

Sample ID : 03B15764

Sampled : 6/26/03
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Styrene	ug/l	ND	07/03/03	BGL	0.7			
1,1,1,2-Tetrachloroethane	ug/l	ND	07/03/03	BGL	0.5			
1,1,2,2-Tetrachloroethane	ug/l	ND	07/03/03	BGL	0.5			
Tetrachloroethylene	ug/l	ND	07/03/03	BGL	0.4			
Tetrahydrofuran	ug/l	ND	07/03/03	BGL	5.0			
Toluene	ug/l	ND	07/03/03	BGL	0.7			
1,2,3-Trichlorobenzene	ug/l	ND	07/03/03	BGL	0.7			
1,2,4-Trichlorobenzene	ug/l	ND	07/03/03	BGL	0.7			
1,1,1-Trichloroethane	ug/l	ND	07/03/03	BGL	0.9			
1,1,2-Trichloroethane	ug/l	ND	07/03/03	BGL	0.7			
Trichloroethylene	ug/l	ND	07/03/03	BGL	1.0			
Trichlorofluoromethane	ug/l	ND	07/03/03	BGL	0.7			
1,2,3-Trichloropropane	ug/l	ND	07/03/03	BGL	1.3			
1,2,4-Trimethylbenzene	ug/l	ND	07/03/03	BGL	0.7			
1,3,5-Trimethylbenzene	ug/l	ND	07/03/03	BGL	1.0			
Vinyl Acetate	ug/l	ND	07/03/03	BGL	16.4			
Vinyl Chloride	ug/l	ND	07/03/03	BGL	0.3			
m + p Xylene	ug/l	ND	07/03/03	BGL	1.3			
o-Xylene	ug/l	ND	07/03/03	BGL	0.5			

Analytical Method:
SW846 1311/8260
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7/10/03

Purchase Order No.: 820131-06000000

Project Location: FLAGSHIP
Date Received: 7/1/03
Field Sample # : SB0626034(4-6)
Sample ID : 03B15763
Sampled : 6/26/03
NOT SPECIFIED
Sample Matrix: SOIL

LIMS-BAT #: LIMS-72254
Job Number: 820131-0600000

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/F
Acetone	ug/l	ND	07/03/03	BGL	100.			
Acrolein	ug/l	ND	07/03/03	BGL	200.			
Acrylonitrile	ug/l	ND	07/03/03	BGL	5.0			
tert-Amylmethyl Ether	ug/l	ND	07/03/03	BGL	5.0			
Benzene	ug/l	ND	07/03/03	BGL	6.0			
Bromobenzene	ug/l	ND	07/03/03	BGL	5.0			
Bromochloromethane	ug/l	ND	07/03/03	BGL	7.0			
Bromodichloromethane	ug/l	ND	07/03/03	BGL	4.0			
Bromomethane	ug/l	ND	07/03/03	BGL	12.0			
Bromoform	ug/l	ND	07/03/03	BGL	12.0			
2-Butanone (MEK)	ug/l	ND	07/03/03	BGL	100.			
tert-Butyl Alcohol	ug/l	ND	07/03/03	BGL	200.			
n-Butylbenzene	ug/l	4310.	07/03/03	BGL	7.0			
sec-Butylbenzene	ug/l	152.	07/03/03	BGL	6.0			
tert-Butylbenzene	ug/l	ND	07/03/03	BGL	8.0			
tert-Butylethyl Ether	ug/l	ND	07/03/03	BGL	5.0			
Carbon Disulfide	ug/l	ND	07/03/03	BGL	30.0			
Carbon Tetrachloride	ug/l	ND	07/03/03	BGL	5.0			
Chlorobenzene	ug/l	ND	07/03/03	BGL	6.0			
Chlorodibromomethane	ug/l	ND	07/03/03	BGL	5.0			
Chloroethane	ug/l	ND	07/03/03	BGL	8.0			
2-Chloroethylvinylether	ug/l	ND	07/03/03	BGL	96.0			
Chloroform	ug/l	ND	07/03/03	BGL	8.0			
Chloromethane	ug/l	ND	07/03/03	BGL	12.0			
2-Chlorotoluene	ug/l	ND	07/03/03	BGL	6.0			
4-Chlorotoluene	ug/l	ND	07/03/03	BGL	6.0			
1,2-Dibromo-3-Chloropropane	ug/l	ND	07/03/03	BGL	16.0			
1,2-Dibromoethane	ug/l	ND	07/03/03	BGL	7.0			
Dibromomethane	ug/l	ND	07/03/03	BGL	11.0			
1,2-Dichlorobenzene	ug/l	ND	07/03/03	BGL	8.0			

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LATHAM, NY 12110

Purchase Order No.: 820131-06000000

Project Location: FLAGSHIP
Date Received: 7/1/03
Field Sample # : SB0626034(4-6)

LIMS-BAT #: LIMS-72254
Job Number: 820131-0600000

Sample ID : 03B15763

Sampled : 6/26/03
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,3-Dichlorobenzene	ug/l	ND	07/03/03	BGL	6.0			
1,4-Dichlorobenzene	ug/l	ND	07/03/03	BGL	8.0			
cis-1,4-Dichloro-2-Butene	ug/l	ND	07/03/03	BGL	24.0			
trans-1,4-Dichloro-2-Butene	ug/l	ND	07/03/03	BGL	21.0			
Dichlorodifluoromethane	ug/l	ND	07/03/03	BGL	10.0			
1,1-Dichloroethane	ug/l	ND	07/03/03	BGL	7.0			
1,2-Dichloroethane	ug/l	ND	07/03/03	BGL	9.0			
1,1-Dichloroethylene	ug/l	ND	07/03/03	BGL	6.0			
cis-1,2-Dichloroethylene	ug/l	ND	07/03/03	BGL	5.0			
trans-1,2-Dichloroethylene	ug/l	ND	07/03/03	BGL	8.0			
1,2-Dichloropropane	ug/l	ND	07/03/03	BGL	6.0			
1,3-Dichloropropane	ug/l	ND	07/03/03	BGL	5.0			
2,2-Dichloropropane	ug/l	ND	07/03/03	BGL	9.0			
1,1-Dichloropropene	ug/l	ND	07/03/03	BGL	5.0			
cis-1,3-Dichloropropene	ug/l	ND	07/03/03	BGL	5.0			
trans-1,3-Dichloropropene	ug/l	ND	07/03/03	BGL	4.0			
Diethyl Ether	ug/l	ND	07/03/03	BGL	20.0			
Diisopropyl Ether	ug/l	ND	07/03/03	BGL	5.0			
Ethyl Benzene	ug/l	ND	07/03/03	BGL	6.0			
Ethyl Methacrylate	ug/l	ND	07/03/03	BGL	8.0			
Hexachlorobutadiene	ug/l	ND	07/03/03	BGL	13.0			
2-Hexanone	ug/l	ND	07/03/03	BGL	97.0			
Iodomethane	ug/l	ND	07/03/03	BGL	8.0			
Isopropylbenzene	ug/l	7.7	07/03/03	BGL	4.0			
p-Isopropyltoluene	ug/l	148.	07/03/03	BGL	7.0			
MTBE	ug/l	ND	07/03/03	BGL	8.0			
Methylene Chloride	ug/l	ND	07/03/03	BGL	30.0			
MIBK	ug/l	ND	07/03/03	BGL	88.0			
Naphthalene	ug/l	12400.	07/03/03	BGL	10.0			
n-Propylbenzene	ug/l	23.8	07/03/03	BGL	8.0			

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LATHAM, NY 12110

7/10/03

Purchase Order No.: 820131-06000000

Project Location: FLAGSHIP
Date Received: 7/1/03
Field Sample # : SB0626034(4-6)

LIMS-BAT #: LIMS-72254
Job Number: 820131-0600000

Sample ID : 03B15763
Sampled : 6/26/03
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Styrene	ug/l	ND	07/03/03	BGL	7.0			
1,1,1,2-Tetrachloroethane	ug/l	ND	07/03/03	BGL	5.0			
1,1,2,2-Tetrachloroethane	ug/l	ND	07/03/03	BGL	5.0			
Tetrachloroethylene	ug/l	308.	07/03/03	BGL	4.0			
Tetrahydrofuran	ug/l	ND	07/03/03	BGL	50.0			
Toluene	ug/l	7.7	07/03/03	BGL	7.0			
1,2,3-Trichlorobenzene	ug/l	ND	07/03/03	BGL	7.0			
1,2,4-Trichlorobenzene	ug/l	ND	07/03/03	BGL	7.0			
1,1,1-Trichloroethane	ug/l	ND	07/03/03	BGL	9.0			
1,1,2-Trichloroethane	ug/l	ND	07/03/03	BGL	7.0			
Trichloroethylene	ug/l	ND	07/03/03	BGL	10.0			
Trichlorofluoromethane	ug/l	ND	07/03/03	BGL	7.0			
1,2,3-Trichloropropane	ug/l	ND	07/03/03	BGL	13.0			
1,2,4-Trimethylbenzene	ug/l	750.	07/03/03	BGL	7.0			
1,3,5-Trimethylbenzene	ug/l	127.	07/03/03	BGL	10.0			
Vinyl Acetate	ug/l	ND	07/03/03	BGL	164.			
Vinyl Chloride	ug/l	ND	07/03/03	BGL	3.0			
m + p Xylene	ug/l	28.9	07/03/03	BGL	13.0			
o-Xylene	ug/l	29.0	07/03/03	BGL	5.0			

Analytical Method:
SW846 1311/8260
TCLP EXTRACTS ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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Purchase Order No.: 820131-06000000

Project Location: FLAGSHIP
Date Received: 7/1/03
Field Sample # : SB0626033(4-6)
Sample ID : *03B15762
Sampled : 6/26/03
NOT SPECIFIED
Sample Matrix: SOIL

LIMS-BAT #: LIMS-72254
Job Number: 820131-0600000

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acenaphthene	ug/l	ND	07/08/03	BGL	250.			
Acenaphthylene	ug/l	ND	07/08/03	BGL	250.			
Aniline	ug/l	ND	07/08/03	BGL	500.			
Anthracene	ug/l	ND	07/08/03	BGL	250.			
Benzidine	ug/l	ND	07/08/03	BGL	3500.			
Benzoic Acid	ug/l	ND	07/08/03	BGL	1500.			
Benzo(a)anthracene	ug/l	ND	07/08/03	BGL	250.			
Benzo(a)pyrene	ug/l	ND	07/08/03	BGL	250.			
Benzo(b)fluoranthene	ug/l	ND	07/08/03	BGL	250.			
Benzo(g,h,i)perylene	ug/l	ND	07/08/03	BGL	250.			
Benzo(k)fluoranthene	ug/l	ND	07/08/03	BGL	250.			
Benzyl Alcohol	ug/l	ND	07/08/03	BGL	1000.			
1,1-Biphenyl	ug/l	ND	07/08/03	BGL	500.			
Bis(2-chloroethoxy)methane	ug/l	ND	07/08/03	BGL	500.			
Bis(2-chloroethyl)ether	ug/l	ND	07/08/03	BGL	500.			
Bis(2-chloroisopropyl)ether	ug/l	ND	07/08/03	BGL	500.			
Bis(2-ethylhexyl)phthalate	ug/l	ND	07/08/03	BGL	500.			
4-Bromophenyl phenyl ether	ug/l	ND	07/08/03	BGL	500.			
Butylbenzylphthalate	ug/l	ND	07/08/03	BGL	1000.			
4-Chloroaniline	ug/l	ND	07/08/03	BGL	1000.			
4-Chloro-3-methylphenol	ug/l	ND	07/08/03	BGL	1000.			
2-Chloronaphthalene	ug/l	ND	07/08/03	BGL	500.			
2-Chlorophenol	ug/l	ND	07/08/03	BGL	500.			
4-Chlorophenylphenyl ether	ug/l	ND	07/08/03	BGL	500.			
Chrysene	ug/l	ND	07/08/03	BGL	250.			
Dibenzofuran	ug/l	ND	07/08/03	BGL	500.			
Dibenz(a,h)anthracene	ug/l	ND	07/08/03	BGL	250.			
1,2-Dichlorobenzene	ug/l	ND	07/08/03	BGL	500.			
1,3-Dichlorobenzene	ug/l	ND	07/08/03	BGL	500.			
1,4-Dichlorobenzene	ug/l	ND	07/08/03	BGL	500.			

RL = Reporting Limit
ND = Not Detected
NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample

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

BRIAN NEUMANN
SHAW ENV. & INFRASTRUCTURE - NY
13 BRITISH AMERICAN BOULEVARD
LATHAM, NY 12110

Purchase Order No.: 820131-06000000

Project Location: FLAGSHIP
Date Received: 7/1/03
Field Sample # : SB0626033(4-6)

LIMS-BAT #: LIMS-72254
Job Number: 820131-0600000

Sample ID : *03B15762

Sampled : 6/26/03
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
3,3-Dichlorobenzidine	ug/l	ND	07/08/03	BGL	250.			
2,4-Dichlorophenol	ug/l	ND	07/08/03	BGL	500.			
Diethylphthalate	ug/l	ND	07/08/03	BGL	500.			
2,4-Dimethylphenol	ug/l	ND	07/08/03	BGL	2000.			
Dimethylphthalate	ug/l	ND	07/08/03	BGL	1000.			
Di-n-butylphthalate	ug/l	ND	07/08/03	BGL	500.			
Di-n-octylphthalate	ug/l	ND	07/08/03	BGL	1000.			
4,6-Dinitro-2-methylphenol	ug/l	ND	07/08/03	BGL	500.			
2,4-Dinitrophenol	ug/l	ND	07/08/03	BGL	1000.			
2,4-Dinitrotoluene	ug/l	ND	07/08/03	BGL	500.			
2,6-Dinitrotoluene	ug/l	ND	07/08/03	BGL	500.			
1,2-Diphenylhydrazine (as Azobenzene)	ug/l	ND	07/08/03	BGL	500.			
Fluoranthene	ug/l	ND	07/08/03	BGL	250.			
Fluorene	ug/l	ND	07/08/03	BGL	250.			
Hexachlorobenzene	ug/l	ND	07/08/03	BGL	500.			
Hexachlorobutadiene	ug/l	ND	07/08/03	BGL	500.			
Hexachlorocyclopentadiene	ug/l	ND	07/08/03	BGL	500.			
Hexachloroethane	ug/l	ND	07/08/03	BGL	500.			
Indeno(1,2,3-cd)pyrene	ug/l	ND	07/08/03	BGL	250.			
Isophorone	ug/l	ND	07/08/03	BGL	500.			
o-cresol	ug/l	ND	07/08/03	BGL	500.			
m & p-Cresol(s)	ug/l	ND	07/08/03	BGL	1000.			
2-Methylnaphthalene	ug/l	1760.	07/08/03	BGL	250.			
Naphthalene	ug/l	5350.	07/08/03	BGL	250.			
2-Nitroaniline	ug/l	ND	07/08/03	BGL	500.			
3-Nitroaniline	ug/l	ND	07/08/03	BGL	500.			
4-Nitroaniline	ug/l	ND	07/08/03	BGL	500.			
Nitrobenzene	ug/l	ND	07/08/03	BGL	500.			
2-Nitrophenol	ug/l	ND	07/08/03	BGL	500.			

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NM = Not Measured

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13 BRITISH AMERICAN BOULEVARD
LATHAM, NY 12110

Purchase Order No.: 820131-06000000

Project Location: FLAGSHIP
Date Received: 7/1/03
Field Sample # : **SB0626033(4-6)**

LIMS-BAT #: LIMS-72254
Job Number: 820131-0600000

Sample ID : ***03B15762**

Sampled : 6/26/03
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
4-Nitrophenol	ug/l	ND	07/08/03	BGL	1000.			
N-Nitrosodimethylamine	ug/l	ND	07/08/03	BGL	500.			
N-Nitrosodiphenylamine	ug/l	ND	07/08/03	BGL	500.			
N-Nitroso-di-n-propylamine	ug/l	ND	07/08/03	BGL	500.			
Pentachlorophenol	ug/l	ND	07/08/03	BGL	500.			
Phenanthrene	ug/l	ND	07/08/03	BGL	250.			
Phenol	ug/l	ND	07/08/03	BGL	500.			
Pyrene	ug/l	ND	07/08/03	BGL	250.			
Pyridine	ug/l	ND	07/08/03	BGL	500.			
1,2,4-Trichlorobenzene	ug/l	ND	07/08/03	BGL	500.			
2,4,5-Trichlorophenol	ug/l	ND	07/08/03	BGL	500.			
2,4,6-Trichlorophenol	ug/l	ND	07/08/03	BGL	500.			

Analytical Method:
SW846 1311/8270
TCLP EXTRACTS ARE EXTRACTED INTO METHYLENE CHLORIDE, FOLLOWED BY KUDERNA-DANISH OR TURBOVAP EVAPORATIVE CONCENTRATION AND QUANTITATED BY GC/MS TARGET COMPOUND ANALYSIS

RL = Reporting Limit
ND = Not Detected
NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample

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13 BRITISH AMERICAN BOULEVARD
LATHAM, NY 12110

Purchase Order No.: 820131-06000000

Project Location: FLAGSHIP
Date Received: 7/1/03
Field Sample # : SB0626034(11-12)

LIMS-BAT #: LIMS-72254
Job Number: 820131-0600000

Sample ID : 03B15764

Sampled : 6/26/03
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acenaphthene	ug/l	ND	07/08/03	BGL	25.0			
Acenaphthylene	ug/l	ND	07/08/03	BGL	25.0			
Aniline	ug/l	ND	07/08/03	BGL	50.0			
Anthracene	ug/l	ND	07/08/03	BGL	25.0			
Benzidine	ug/l	ND	07/08/03	BGL	350.			
Benzoic Acid	ug/l	ND	07/08/03	BGL	150.			
Benzo(a)anthracene	ug/l	ND	07/08/03	BGL	25.0			
Benzo(a)pyrene	ug/l	ND	07/08/03	BGL	25.0			
Benzo(b)fluoranthene	ug/l	ND	07/08/03	BGL	25.0			
Benzo(g,h,i)perylene	ug/l	ND	07/08/03	BGL	25.0			
Benzo(k)fluoranthene	ug/l	ND	07/08/03	BGL	25.0			
Benzyl Alcohol	ug/l	ND	07/08/03	BGL	100.			
1,1-Biphenyl	ug/l	ND	07/08/03	BGL	50.0			
Bis(2-chloroethoxy)methane	ug/l	ND	07/08/03	BGL	50.0			
Bis(2-chloroethyl)ether	ug/l	ND	07/08/03	BGL	50.0			
Bis(2-chloroisopropyl)ether	ug/l	ND	07/08/03	BGL	50.0			
Bis(2-ethylhexyl)phthalate	ug/l	ND	07/08/03	BGL	50.0			
4-Bromophenyl phenyl ether	ug/l	ND	07/08/03	BGL	50.0			
Butylbenzylphthalate	ug/l	ND	07/08/03	BGL	100.			
4-Chloroaniline	ug/l	ND	07/08/03	BGL	100.			
4-Chloro-3-methylphenol	ug/l	ND	07/08/03	BGL	100.			
2-Chloronaphthalene	ug/l	ND	07/08/03	BGL	50.0			
2-Chlorophenol	ug/l	ND	07/08/03	BGL	50.0			
4-Chlorophenylphenyl ether	ug/l	ND	07/08/03	BGL	50.0			
Chrysene	ug/l	ND	07/08/03	BGL	25.0			
Dibenzofuran	ug/l	ND	07/08/03	BGL	50.0			
Dibenz(a,h)anthracene	ug/l	ND	07/08/03	BGL	25.0			
1,2-Dichlorobenzene	ug/l	ND	07/08/03	BGL	50.0			
1,3-Dichlorobenzene	ug/l	ND	07/08/03	BGL	50.0			
1,4-Dichlorobenzene	ug/l	ND	07/08/03	BGL	50.0			

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LATHAM, NY 12110

Purchase Order No.: 820131-06000000

Project Location: FLAGSHIP
Date Received: 7/1/03
Field Sample # : SB0626034(11-12)

LIMS-BAT #: LIMS-72254
Job Number: 820131-0600000

Sample ID : 03B15764

Sampled : 6/26/03
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
3,3-Dichlorobenzidine	ug/l	ND	07/08/03	BGL	25.0			
2,4-Dichlorophenol	ug/l	ND	07/08/03	BGL	50.0			
Diethylphthalate	ug/l	ND	07/08/03	BGL	50.0			
2,4-Dimethylphenol	ug/l	ND	07/08/03	BGL	200.			
Dimethylphthalate	ug/l	ND	07/08/03	BGL	100.			
Di-n-butylphthalate	ug/l	ND	07/08/03	BGL	50.0			
Di-n-octylphthalate	ug/l	ND	07/08/03	BGL	100.			
4,6-Dinitro-2-methylphenol	ug/l	ND	07/08/03	BGL	50.0			
2,4-Dinitrophenol	ug/l	ND	07/08/03	BGL	100.			
2,4-Dinitrotoluene	ug/l	ND	07/08/03	BGL	50.0			
2,6-Dinitrotoluene	ug/l	ND	07/08/03	BGL	50.0			
1,2-Diphenylhydrazine (as Azobenzene)	ug/l	ND	07/08/03	BGL	50.0			
Fluoranthene	ug/l	ND	07/08/03	BGL	25.0			
Fluorene	ug/l	ND	07/08/03	BGL	25.0			
Hexachlorobenzene	ug/l	ND	07/08/03	BGL	50.0			
Hexachlorobutadiene	ug/l	ND	07/08/03	BGL	50.0			
Hexachlorocyclopentadiene	ug/l	ND	07/08/03	BGL	50.0			
Hexachloroethane	ug/l	ND	07/08/03	BGL	50.0			
Indeno(1,2,3-cd)pyrene	ug/l	ND	07/08/03	BGL	25.0			
Isophorone	ug/l	ND	07/08/03	BGL	50.0			
o-cresol	ug/l	ND	07/08/03	BGL	50.0			
m & p-Cresol(s)	ug/l	ND	07/08/03	BGL	100.			
2-Methylnaphthalene	ug/l	ND	07/08/03	BGL	25.0			
Naphthalene	ug/l	ND	07/08/03	BGL	25.0			
2-Nitroaniline	ug/l	ND	07/08/03	BGL	50.0			
3-Nitroaniline	ug/l	ND	07/08/03	BGL	50.0			
4-Nitroaniline	ug/l	ND	07/08/03	BGL	50.0			
Nitrobenzene	ug/l	ND	07/08/03	BGL	50.0			
2-Nitrophenol	ug/l	ND	07/08/03	BGL	50.0			

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13 BRITISH AMERICAN BOULEVARD
LATHAM, NY 12110

Purchase Order No.: 820131-06000000

Project Location: FLAGSHIP
Date Received: 7/1/03
Field Sample # : SB0626034(11-12)

LIMS-BAT #: LIMS-72254
Job Number: 820131-0600000

Sample ID : 03B15764

Sampled : 6/26/03
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
4-Nitrophenol	ug/l	ND	07/08/03	BGL	100.			
N-Nitrosodimethylamine	ug/l	ND	07/08/03	BGL	50.0			
N-Nitrosodiphenylamine	ug/l	ND	07/08/03	BGL	50.0			
N-Nitroso-di-n-propylamine	ug/l	ND	07/08/03	BGL	50.0			
Pentachlorophenol	ug/l	ND	07/08/03	BGL	50.0			
Phenanthrene	ug/l	ND	07/08/03	BGL	25.0			
Phenol	ug/l	ND	07/08/03	BGL	50.0			
Pyrene	ug/l	ND	07/08/03	BGL	25.0			
Pyridine	ug/l	ND	07/08/03	BGL	50.0			
1,2,4-Trichlorobenzene	ug/l	ND	07/08/03	BGL	50.0			
2,4,5-Trichlorophenol	ug/l	ND	07/08/03	BGL	50.0			
2,4,6-Trichlorophenol	ug/l	ND	07/08/03	BGL	50.0			

Analytical Method:
SW846 1311/8270
TCLP EXTRACTS ARE EXTRACTED INTO METHYLENE CHLORIDE, FOLLOWED BY KUDERNA-DANISH OR TURBOVAP EVAPORATIVE CONCENTRATION AND QUANTITATED BY GC/MS TARGET COMPOUND ANALYSIS

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13 BRITISH AMERICAN BOULEVARD
LATHAM, NY 12110

Purchase Order No.: 820131-06000000

Project Location: FLAGSHIP
Date Received: 7/1/03
Field Sample # : SB0626034(4-6)
Sample ID : 03B15763
Sampled : 6/26/03
NOT SPECIFIED
Sample Matrix: SOIL

LIMS-BAT #: LIMS-72254
Job Number: 820131-0600000

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acenaphthene	ug/l	ND	07/08/03	BGL	25.0			
Acenaphthylene	ug/l	ND	07/08/03	BGL	25.0			
Aniline	ug/l	ND	07/08/03	BGL	50.0			
Anthracene	ug/l	ND	07/08/03	BGL	25.0			
Benzidine	ug/l	ND	07/08/03	BGL	350.			
Benzoic Acid	ug/l	ND	07/08/03	BGL	150.			
Benzo(a)anthracene	ug/l	ND	07/08/03	BGL	25.0			
Benzo(a)pyrene	ug/l	ND	07/08/03	BGL	25.0			
Benzo(b)fluoranthene	ug/l	ND	07/08/03	BGL	25.0			
Benzo(g,h,i)perylene	ug/l	ND	07/08/03	BGL	25.0			
Benzo(k)fluoranthene	ug/l	ND	07/08/03	BGL	25.0			
Benzyl Alcohol	ug/l	ND	07/08/03	BGL	100.			
1,1-Biphenyl	ug/l	ND	07/08/03	BGL	50.0			
Bis(2-chloroethoxy)methane	ug/l	ND	07/08/03	BGL	50.0			
Bis(2-chloroethyl)ether	ug/l	ND	07/08/03	BGL	50.0			
Bis(2-chloroisopropyl)ether	ug/l	ND	07/08/03	BGL	50.0			
Bis(2-ethylhexyl)phthalate	ug/l	116.	07/08/03	BGL	50.0			
4-Bromophenyl phenyl ether	ug/l	ND	07/08/03	BGL	50.0			
Butylbenzylphthalate	ug/l	ND	07/08/03	BGL	100.			
4-Chloroaniline	ug/l	ND	07/08/03	BGL	100.			
4-Chloro-3-methylphenol	ug/l	ND	07/08/03	BGL	100.			
2-Chloronaphthalene	ug/l	ND	07/08/03	BGL	50.0			
2-Chlorophenol	ug/l	ND	07/08/03	BGL	50.0			
4-Chlorophenylphenyl ether	ug/l	ND	07/08/03	BGL	50.0			
Chrysene	ug/l	ND	07/08/03	BGL	25.0			
Dibenzofuran	ug/l	ND	07/08/03	BGL	50.0			
Dibenz(a,h)anthracene	ug/l	ND	07/08/03	BGL	25.0			
1,2-Dichlorobenzene	ug/l	ND	07/08/03	BGL	50.0			
1,3-Dichlorobenzene	ug/l	ND	07/08/03	BGL	50.0			
1,4-Dichlorobenzene	ug/l	ND	07/08/03	BGL	50.0			

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LATHAM, NY 12110

Purchase Order No.: 820131-06000000

Project Location: FLAGSHIP
Date Received: 7/1/03
Field Sample # : SB0626034(4-6)
Sample ID : 03B15763
Sampled : 6/26/03
NOT SPECIFIED
Sample Matrix: SOIL

LIMS-BAT #: LIMS-72254
Job Number: 820131-0600000

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
3,3-Dichlorobenzidine	ug/l	ND	07/08/03	BGL	25.0			
2,4-Dichlorophenol	ug/l	ND	07/08/03	BGL	50.0			
Diethylphthalate	ug/l	ND	07/08/03	BGL	50.0			
2,4-Dimethylphenol	ug/l	ND	07/08/03	BGL	200.			
Dimethylphthalate	ug/l	ND	07/08/03	BGL	100.			
Di-n-butylphthalate	ug/l	90.5	07/08/03	BGL	50.0			
Di-n-octylphthalate	ug/l	ND	07/08/03	BGL	100.			
4,6-Dinitro-2-methylphenol	ug/l	ND	07/08/03	BGL	50.0			
2,4-Dinitrophenol	ug/l	ND	07/08/03	BGL	100.			
2,4-Dinitrotoluene	ug/l	ND	07/08/03	BGL	50.0			
2,6-Dinitrotoluene	ug/l	ND	07/08/03	BGL	50.0			
1,2-Diphenylhydrazine (as Azobenzene)	ug/l	ND	07/08/03	BGL	50.0			
Fluoranthene	ug/l	ND	07/08/03	BGL	25.0			
Fluorene	ug/l	ND	07/08/03	BGL	25.0			
Hexachlorobenzene	ug/l	ND	07/08/03	BGL	50.0			
Hexachlorobutadiene	ug/l	ND	07/08/03	BGL	50.0			
Hexachlorocyclopentadiene	ug/l	ND	07/08/03	BGL	50.0			
Hexachloroethane	ug/l	ND	07/08/03	BGL	50.0			
Indeno(1,2,3-cd)pyrene	ug/l	ND	07/08/03	BGL	25.0			
Isophorone	ug/l	ND	07/08/03	BGL	50.0			
o-cresol	ug/l	ND	07/08/03	BGL	50.0			
m & p-Cresol(s)	ug/l	ND	07/08/03	BGL	100.			
2-Methylnaphthalene	ug/l	311.	07/08/03	BGL	25.0			
Naphthalene	ug/l	2180.	07/08/03	BGL	25.0			
2-Nitroaniline	ug/l	ND	07/08/03	BGL	50.0			
3-Nitroaniline	ug/l	ND	07/08/03	BGL	50.0			
4-Nitroaniline	ug/l	ND	07/08/03	BGL	50.0			
Nitrobenzene	ug/l	ND	07/08/03	BGL	50.0			
2-Nitrophenol	ug/l	ND	07/08/03	BGL	50.0			

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13 BRITISH AMERICAN BOULEVARD
LATHAM, NY 12110

Purchase Order No.: 820131-06000000

Project Location: FLAGSHIP
Date Received: 7/1/03
Field Sample # : SB0626034(4-6)

LIMS-BAT #: LIMS-72254
Job Number: 820131-0600000

Sample ID : 03B15763

Sampled : 6/26/03
NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
4-Nitrophenol	ug/l	ND	07/08/03	BGL	100.			
N-Nitrosodimethylamine	ug/l	ND	07/08/03	BGL	50.0			
N-Nitrosodiphenylamine	ug/l	ND	07/08/03	BGL	50.0			
N-Nitroso-di-n-propylamine	ug/l	ND	07/08/03	BGL	50.0			
Pentachlorophenol	ug/l	ND	07/08/03	BGL	50.0			
Phenanthrene	ug/l	ND	07/08/03	BGL	25.0			
Phenol	ug/l	ND	07/08/03	BGL	50.0			
Pyrene	ug/l	ND	07/08/03	BGL	25.0			
Pyridine	ug/l	ND	07/08/03	BGL	50.0			
1,2,4-Trichlorobenzene	ug/l	ND	07/08/03	BGL	50.0			
2,4,5-Trichlorophenol	ug/l	ND	07/08/03	BGL	50.0			
2,4,6-Trichlorophenol	ug/l	ND	07/08/03	BGL	50.0			

Analytical Method:
SW846 1311/8270
TCLP EXTRACTS ARE EXTRACTED INTO METHYLENE CHLORIDE, FOLLOWED BY KUDERNA-DANISH OR TURBOVAP EVAPORATIVE CONCENTRATION AND QUANTITATED BY GC/MS TARGET COMPOUND ANALYSIS

RL = Reporting Limit
ND = Not Detected
NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample

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BRIAN NEUMANN
SHAW ENV. & INFRASTRUCTURE - NY
13 BRITISH AMERICAN BOULEVARD
LATHAM, NY 12110

Purchase Order No.: 820131-06000000

Project Location: FLAGSHIP
Date Received: 7/1/03

LIMS-BAT #: LIMS-72254
Job Number: 820131-0600000

The following notes were attached to the reported analysis :

Sample ID: * 03B15762
Analysis: 8270 water

Higher detection limit due to matrix interference.

Sample ID: * 03B15762
Analysis: Benzidine

MATRIX SPIKE CONTROL LIMITS ARE NOT APPLICABLE TO THIS MATRIX.

Sample ID: * 03B15762
Analysis: Benzyl Alcohol

MATRIX SPIKE CONTROL LIMITS ARE NOT APPLICABLE TO THIS MATRIX.

Sample ID: * 03B15762
Analysis: Bis(2-chloroisopropyl)ether

MATRIX SPIKE CONTROL LIMITS ARE NOT APPLICABLE TO THIS MATRIX.

Sample ID: * 03B15762
Analysis: 4-Chloro-3-methylphenol

MATRIX SPIKE CONTROL LIMITS ARE NOT APPLICABLE TO THIS MATRIX.

Sample ID: * 03B15762
Analysis: 3,3-Dichlorobenzidine

MATRIX SPIKE CONTROL LIMITS ARE NOT APPLICABLE TO THIS MATRIX.

Sample ID: * 03B15762
Analysis: Dimethylphthalate

MATRIX SPIKE CONTROL LIMITS ARE NOT APPLICABLE TO THIS MATRIX.

Sample ID: * 03B15762
Analysis: 4,6-Dinitro-2-methylphenol

MATRIX SPIKE CONTROL LIMITS ARE NOT APPLICABLE TO THIS MATRIX.

Sample ID: * 03B15762
Analysis: 2,4-Dinitrophenol

MATRIX SPIKE CONTROL LIMITS ARE NOT APPLICABLE TO THIS MATRIX.

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Purchase Order No.: 820131-06000000

Project Location: FLAGSHIP
Date Received: 7/1/03

LIMS-BAT #: LIMS-72254
Job Number: 820131-0600000

Sample ID: * 03B15762
Analysis: Hexachlorocyclopentadiene

MATRIX SPIKE CONTROL LIMITS ARE NOT APPLICABLE TO THIS MATRIX.

Sample ID: * 03B15762
Analysis: Naphthalene

VARIATION IN PERCENT RECOVERY ATTRIBUTED TO MAGNITUDE DIFFERENCE BETWEEN SPIKE AND SAMPLE LEVELS. CONTROL LIMITS ARE PROVIDED FOR REFERENCE ONLY AND ARE NOT APPLICABLE.

** END OF REPORT **

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates.
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 7/10/03 Lims Bat # : LIMS-72254

QC Batch Number: GCMS/SEMI-4989

Sample Id	Analysis	QC Analysis	Values	Units	Limits
03B15762					
	1,4-Dichlorobenzene	Sample Amount	<500.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	400.00	ug/l	
		Matrix Spike % Rec.	40.00	%	30-130
	Naphthalene	Sample Amount	5350.00	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	1920.00	ug/l	
		Matrix Spike % Rec.	-343.00	%	30-130
	1,2-Dichlorobenzene	Sample Amount	<500.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	621.00	ug/l	
		Matrix Spike % Rec.	62.10	%	30-130
	1,3-Dichlorobenzene	Sample Amount	<500.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	406.20	ug/l	
		Matrix Spike % Rec.	40.62	%	30-130
	Acenaphthene	Sample Amount	<250.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	726.60	ug/l	
		Matrix Spike % Rec.	72.66	%	40-140
	Acenaphthylene	Sample Amount	<250.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	765.80	ug/l	
		Matrix Spike % Rec.	76.58	%	40-140
	Aniline	Sample Amount	<500.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	1065.60	ug/l	
		Matrix Spike % Rec.	106.56	%	
	Anthracene	Sample Amount	<250.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	884.20	ug/l	
		Matrix Spike % Rec.	88.42	%	40-140
	Benzidine	Sample Amount	<3500.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	20.00	ug/l	
		Matrix Spike % Rec.	2.00	%	
	Benzo(a)anthracene	Sample Amount	<250.	ug/l	
		Matrix Spk Amt Added	1000.000	ug/l	
		MS Amt Measured	1271.100	ug/l	
		Matrix Spike % Rec.	127.110	%	40-140
	Benzo(a)pyrene	Sample Amount	<250.	ug/l	
		Matrix Spk Amt Added	1000.000	ug/l	
		MS Amt Measured	1072.100	ug/l	

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QC Batch Number: GCMS/SEMI-4989

Sample Id	Analysis	QC Analysis	Values	Units	Limits
03B15762					
	Benzo(a)pyrene	Matrix Spike % Rec.	107.210	%	40-140
	Benzo(b)fluoranthene	Sample Amount	<250.	ug/l	
		Matrix Spk Amt Added	1000.000	ug/l	
		MS Amt Measured	1290.900	ug/l	
		Matrix Spike % Rec.	129.090	%	40-140
	Benzo(g,h,i)perylene	Sample Amount	<250.	ug/l	
		Matrix Spk Amt Added	1000.000	ug/l	
		MS Amt Measured	603.900	ug/l	
		Matrix Spike % Rec.	60.390	%	30-130
	Benzoic Acid	Sample Amount	<1500.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	415.80	ug/l	
		Matrix Spike % Rec.	41.58	%	
	Benzyl Alcohol	Sample Amount	<1000.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	339.50	ug/l	
		Matrix Spike % Rec.	33.95	%	
	Bis(2-chloroethyl)ether	Sample Amount	<500.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	1016.40	ug/l	
		Matrix Spike % Rec.	101.64	%	30-130
	Bis(2-chloroethoxy)methane	Sample Amount	<500.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	782.60	ug/l	
		Matrix Spike % Rec.	78.26	%	
	Bis(2-chloroisopropyl)ether	Sample Amount	<500.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	281.60	ug/l	
		Matrix Spike % Rec.	28.16	%	30-130
	Bis(2-ethylhexyl)phthalate	Sample Amount	<500.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	1184.00	ug/l	
		Matrix Spike % Rec.	118.40	%	40-140
	4-Bromophenyl phenyl ether	Sample Amount	<500.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	779.70	ug/l	
		Matrix Spike % Rec.	77.97	%	
	Butylbenzylphthalate	Sample Amount	<1000.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	775.20	ug/l	
		Matrix Spike % Rec.	77.52	%	
	4-Chloroaniline	Sample Amount	<1000.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	

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QC SUMMARY REPORT

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Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 7/10/03 Lims Bat # : LIMS-72254

QC Batch Number: GCMS/SEMI-4989

Sample Id	Analysis	QC Analysis	Values	Units	Limits
03B15762					
	4-Chloroaniline	MS Amt Measured	852.20	ug/l	
		Matrix Spike % Rec.	85.22	%	40-140
	2-Chloronaphthalene	Sample Amount	<500.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	738.30	ug/l	
		Matrix Spike % Rec.	73.83	%	
	4-Chlorophenylphenyl ether	Sample Amount	<500.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	657.60	ug/l	
		Matrix Spike % Rec.	65.76	%	
	Chrysene	Sample Amount	<250.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	832.80	ug/l	
		Matrix Spike % Rec.	83.28	%	40-140
	Dibenz(a,h)anthracene	Sample Amount	<250.	ug/l	
		Matrix Spk Amt Added	1000.000	ug/l	
		MS Amt Measured	694.300	ug/l	
		Matrix Spike % Rec.	69.430	%	30-130
	Dibenzofuran	Sample Amount	<500.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	754.70	ug/l	
		Matrix Spike % Rec.	75.47	%	40-140
	3,3-Dichlorobenzidine	Sample Amount	<250.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	211.00	ug/l	
		Matrix Spike % Rec.	21.10	%	40-140
	Diethylphthalate	Sample Amount	<500.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	514.00	ug/l	
		Matrix Spike % Rec.	51.40	%	30-130
	Dimethylphthalate	Sample Amount	<1000.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	207.80	ug/l	
		Matrix Spike % Rec.	20.78	%	10-130
	Di-n-butylphthalate	Sample Amount	<500.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	853.90	ug/l	
		Matrix Spike % Rec.	85.39	%	40-140
	2,4-Dinitrotoluene	Sample Amount	<500.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	700.20	ug/l	
		Matrix Spike % Rec.	70.02	%	40-140
	2,6-Dinitrotoluene	Sample Amount	<500.	ug/l	

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Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
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Method Blanks

QC Batch Number: GCMS/SEMI-4989

Sample Id	Analysis	QC Analysis	Values	Units	Limits
03B15762					
	2,6-Dinitrotoluene	Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	760.70	ug/l	
		Matrix Spike % Rec.	76.07	%	40-140
	1,2-Diphenylhydrazine (as Azobenzene)	Sample Amount	<500.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	818.40	ug/l	
		Matrix Spike % Rec.	81.84	%	
	Di-n-octylphthalate	Sample Amount	<1000.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	1283.70	ug/l	
		Matrix Spike % Rec.	128.37	%	
	Fluoranthene	Sample Amount	<250.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	875.80	ug/l	
		Matrix Spike % Rec.	87.58	%	40-140
	Fluorene	Sample Amount	<250.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	772.00	ug/l	
		Matrix Spike % Rec.	77.20	%	40-140
	Hexachlorobenzene	Sample Amount	<500.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	921.80	ug/l	
		Matrix Spike % Rec.	92.18	%	40-140
	Hexachlorobutadiene	Sample Amount	<500.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	1171.00	ug/l	
		Matrix Spike % Rec.	117.10	%	20-130
	Hexachlorocyclopentadiene	Sample Amount	<500.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	70.10	ug/l	
		Matrix Spike % Rec.	7.01	%	10-130
	Hexachloroethane	Sample Amount	<500.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	666.80	ug/l	
		Matrix Spike % Rec.	66.68	%	20-130
	Indeno(1,2,3-cd)pyrene	Sample Amount	<250.	ug/l	
		Matrix Spk Amt Added	1000.000	ug/l	
		MS Amt Measured	764.400	ug/l	
		Matrix Spike % Rec.	76.440	%	40-140
	Isophorone	Sample Amount	<500.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	1047.80	ug/l	
		Matrix Spike % Rec.	104.78	%	40-140

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Method Blanks

QC Batch Number: GCMS/SEMI-4989

Sample Id	Analysis	QC Analysis	Values	Units	Limits
03B15762					
	2-Methylnaphthalene	Sample Amount	1765.00	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	2514.20	ug/l	
		Matrix Spike % Rec.	74.92	%	30-130
	2-Nitroaniline	Sample Amount	<500.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	721.10	ug/l	
		Matrix Spike % Rec.	72.11	%	
	3-Nitroaniline	Sample Amount	<500.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	595.30	ug/l	
		Matrix Spike % Rec.	59.53	%	
	Nitrobenzene	Sample Amount	<500.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	929.60	ug/l	
		Matrix Spike % Rec.	92.96	%	30-130
	N-Nitrosodimethylamine	Sample Amount	<500.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	401.20	ug/l	
		Matrix Spike % Rec.	40.12	%	
	N-Nitroso-di-n-propylamine	Sample Amount	<500.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	402.00	ug/l	
		Matrix Spike % Rec.	40.20	%	
	N-Nitrosodiphenylamine	Sample Amount	<500.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	818.70	ug/l	
		Matrix Spike % Rec.	81.87	%	
	Phenanthrene	Sample Amount	<250.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	928.70	ug/l	
		Matrix Spike % Rec.	92.87	%	40-140
	Pyrene	Sample Amount	<250.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	435.70	ug/l	
		Matrix Spike % Rec.	43.57	%	40-140
	1,2,4-Trichlorobenzene	Sample Amount	<500.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	984.90	ug/l	
		Matrix Spike % Rec.	98.49	%	30-130
	4-Chloro-3-methylphenol	Sample Amount	<1000.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	1400.00	ug/l	

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QC Batch Number: GCMS/SEMI-4989

Sample Id	Analysis	QC Analysis	Values	Units	Limits
03B15762					
	4-Chloro-3-methylphenol	Matrix Spike % Rec.	140.00	%	
	2-Chlorophenol	Sample Amount	<500.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	679.60	ug/l	
		Matrix Spike % Rec.	67.96	%	30-130
	2,4-Dichlorophenol	Sample Amount	<500.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	1063.50	ug/l	
		Matrix Spike % Rec.	106.35	%	30-130
	2,4-Dimethylphenol	Sample Amount	<2000.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	348.90	ug/l	
		Matrix Spike % Rec.	34.89	%	30-130
	4,6-Dinitro-2-methylphenol	Sample Amount	<500.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	80.50	ug/l	
		Matrix Spike % Rec.	8.05	%	
	2,4-Dinitrophenol	Sample Amount	<1000.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	132.70	ug/l	
		Matrix Spike % Rec.	13.27	%	10-130
	o-cresol	Sample Amount	<500.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	564.40	ug/l	
		Matrix Spike % Rec.	56.44	%	30-130
	m & p-Cresol(s)	Sample Amount	<1000.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	415.00	ug/l	
		Matrix Spike % Rec.	41.50	%	30-130
	2-Nitrophenol	Sample Amount	<500.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	728.30	ug/l	
		Matrix Spike % Rec.	72.83	%	30-130
	4-Nitrophenol	Sample Amount	<1000.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	689.60	ug/l	
		Matrix Spike % Rec.	68.96	%	
	Phenol	Sample Amount	<500.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	487.50	ug/l	
		Matrix Spike % Rec.	48.75	%	20-130
	2,4,5-Trichlorophenol	Sample Amount	<500.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	

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Report Date: 7/10/03 Lims Bat # : LIMS-72254

QC Batch Number: GCMS/SEMI-4989

Sample Id	Analysis	QC Analysis	Values	Units	Limits
03B15762					
	2,4,5-Trichlorophenol	MS Amt Measured	943.70	ug/l	
		Matrix Spike % Rec.	94.37	%	30-130
	2,4,6-Trichlorophenol	Sample Amount	<500.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	913.00	ug/l	
		Matrix Spike % Rec.	91.30	%	30-130
	Pentachlorophenol	Sample Amount	<500.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	1202.80	ug/l	
		Matrix Spike % Rec.	120.28	%	30-130
	Pyridine	Sample Amount	<500.	ug/l	
		Matrix Spk Amt Added	1000.0	ug/l	
		MS Amt Measured	406.3	ug/l	
		Matrix Spike % Rec.	40.6	%	20-130
	Benzo(k)fluoranthene	Sample Amount	<250.	ug/l	
		Matrix Spk Amt Added	1000.000	ug/l	
		MS Amt Measured	1140.600	ug/l	
		Matrix Spike % Rec.	114.060	%	40-140
	4-Nitroaniline	Sample Amount	<500.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	673.90	ug/l	
		Matrix Spike % Rec.	67.39	%	
	Phenol-d6	Surrogate Recovery	39.5	%	15-110
	Nitrobenzene-d5	Surrogate Recovery	93.0	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	130.0	%	30-130
	2,4,6-Tribromophenol	Surrogate Recovery	97.0	%	15-110
	Terphenyl-d14	Surrogate Recovery	154.0	%	30-130
	2-Fluorophenol	Surrogate Recovery	54.0	%	15-110
	1,1-Biphenyl	Sample Amount	<500.	ug/l	
		Matrix Spk Amt Added	1000.00	ug/l	
		MS Amt Measured	166.20	ug/l	
		Matrix Spike % Rec.	16.62	%	
03B15763					
	Phenol-d6	Surrogate Recovery	20.6	%	15-110
	Nitrobenzene-d5	Surrogate Recovery	64.0	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	78.0	%	30-130
	2,4,6-Tribromophenol	Surrogate Recovery	78.0	%	15-110
	Terphenyl-d14	Surrogate Recovery	109.0	%	30-130
	2-Fluorophenol	Surrogate Recovery	23.5	%	15-110
03B15764					
	Phenol-d6	Surrogate Recovery	23.5	%	15-110
	Nitrobenzene-d5	Surrogate Recovery	41.5	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	62.0	%	30-130

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates.
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

QC Batch Number: GCMS/SEMI-4989

Sample Id	Analysis	QC Analysis	Values	Units	Limits
03B15764					
	2,4,6-Tribromophenol	Surrogate Recovery	58.5	%	15-110
	Terphenyl-d14	Surrogate Recovery	105.0	%	30-130
	2-Fluorophenol	Surrogate Recovery	32.7	%	15-110
BLANK-51763					
	1,4-Dichlorobenzene	Blank	<50.0	ug/l	
	Naphthalene	Blank	<25.0	ug/l	
	1,2-Dichlorobenzene	Blank	<50.0	ug/l	
	1,3-Dichlorobenzene	Blank	<50.0	ug/l	
	Acenaphthene	Blank	<25.0	ug/l	
	Acenaphthylene	Blank	<25.0	ug/l	
	Aniline	Blank	<50.0	ug/l	
	Anthracene	Blank	<25.0	ug/l	
	Benzidine	Blank	<350.	ug/l	
	Benzo(a)anthracene	Blank	<25.0	ug/l	
	Benzo(a)pyrene	Blank	<25.0	ug/l	
	Benzo(b)fluoranthene	Blank	<25.0	ug/l	
	Benzo(g,h,i)perylene	Blank	<25.0	ug/l	
	Benzoic Acid	Blank	<150.	ug/l	
	Benzyl Alcohol	Blank	<100.	ug/l	
	Bis(2-chloroethyl)ether	Blank	<50.0	ug/l	
	Bis(2-chloroethoxy)methane	Blank	<50.0	ug/l	
	Bis(2-chloroisopropyl)ether	Blank	<50.0	ug/l	
	Bis(2-ethylhexyl)phthalate	Blank	<50.0	ug/l	
	4-Bromophenyl phenyl ether	Blank	<50.0	ug/l	
	Butylbenzylphthalate	Blank	<100.	ug/l	
	4-Chloroaniline	Blank	<100.	ug/l	
	2-Chloronaphthalene	Blank	<50.0	ug/l	
	4-Chlorophenylphenyl ether	Blank	<50.0	ug/l	
	Chrysene	Blank	<25.0	ug/l	
	Dibenz(a,h)anthracene	Blank	<25.0	ug/l	
	Dibenzofuran	Blank	<50.0	ug/l	
	3,3-Dichlorobenzidine	Blank	<25.0	ug/l	
	Diethylphthalate	Blank	<50.0	ug/l	
	Dimethylphthalate	Blank	<100.	ug/l	
	Di-n-butylphthalate	Blank	<50.0	ug/l	
	2,4-Dinitrotoluene	Blank	<50.0	ug/l	
	2,6-Dinitrotoluene	Blank	<50.0	ug/l	
	1,2-Diphenylhydrazine (as Azobenzene)	Blank	<50.0	ug/l	
	Di-n-octylphthalate	Blank	<100.	ug/l	
	Fluoranthene	Blank	<25.0	ug/l	
	Fluorene	Blank	<25.0	ug/l	
	Hexachlorobenzene	Blank	<50.0	ug/l	
	Hexachlorobutadiene	Blank	<50.0	ug/l	

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates.
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

QC Batch Number: GCMS/SEMI-4989

Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-51763					
	Hexachlorocyclopentadiene	Blank	<50.0	ug/l	
	Hexachloroethane	Blank	<50.0	ug/l	
	Indeno(1,2,3-cd)pyrene	Blank	<25.0	ug/l	
	Isophorone	Blank	<50.0	ug/l	
	2-Methylnaphthalene	Blank	<25.0	ug/l	
	2-Nitroaniline	Blank	<50.0	ug/l	
	3-Nitroaniline	Blank	<50.0	ug/l	
	Nitrobenzene	Blank	<50.0	ug/l	
	N-Nitrosodimethylamine	Blank	<50.0	ug/l	
	N-Nitroso-di-n-propylamine	Blank	<50.0	ug/l	
	N-Nitrosodiphenylamine	Blank	<50.0	ug/l	
	Phenanthrene	Blank	<25.0	ug/l	
	Pyrene	Blank	<25.0	ug/l	
	1,2,4-Trichlorobenzene	Blank	<50.0	ug/l	
	4-Chloro-3-methylphenol	Blank	<100.	ug/l	
	2-Chlorophenol	Blank	<50.0	ug/l	
	2,4-Dichlorophenol	Blank	<50.0	ug/l	
	2,4-Dimethylphenol	Blank	<200.	ug/l	
	4,6-Dinitro-2-methylphenol	Blank	<50.0	ug/l	
	2,4-Dinitrophenol	Blank	<100.	ug/l	
	o-cresol	Blank	<50.0	ug/l	
	m & p-Cresol(s)	Blank	<100.	ug/l	
	2-Nitrophenol	Blank	<50.0	ug/l	
	4-Nitrophenol	Blank	<100.	ug/l	
	Phenol	Blank	<50.0	ug/l	
	2,4,5-Trichlorophenol	Blank	<50.0	ug/l	
	2,4,6-Trichlorophenol	Blank	<50.0	ug/l	
	Pentachlorophenol	Blank	<50.0	ug/l	
	Pyridine	Blank	<50.0	ug/l	
	Benzo(k)fluoranthene	Blank	<25.0	ug/l	
	4-Nitroaniline	Blank	<50.0	ug/l	
	1,1-Biphenyl	Blank	<50.0	ug/l	

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates.
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 7/10/03 Lims Bat # : LIMS-72254

QC Batch Number: GCMS/VOL-8629

Sample Id	Analysis	QC Analysis	Values	Units	Limits
03B15762					
	1,2-Dichloroethane-d4	Surrogate Recovery	78.8	%	70-130
	Toluene-d8	Surrogate Recovery	93.9	%	70-130
	Bromofluorobenzene	Surrogate Recovery	108.8	%	70-130
03B15763					
	1,2-Dichloroethane-d4	Surrogate Recovery	72.4	%	70-130
	Toluene-d8	Surrogate Recovery	81.7	%	70-130
	Bromofluorobenzene	Surrogate Recovery	108.8	%	70-130
03B15764					
	1,2-Dichloroethane-d4	Surrogate Recovery	96.6	%	70-130
	Toluene-d8	Surrogate Recovery	82.1	%	70-130
	Bromofluorobenzene	Surrogate Recovery	95.8	%	70-130
BLANK-51742					
	Acetone	Blank	<10.0	ug/l	
	Benzene	Blank	<0.6	ug/l	
	Carbon Tetrachloride	Blank	<0.5	ug/l	
	Chloroform	Blank	<0.8	ug/l	
	1,2-Dichloroethane	Blank	<0.9	ug/l	
	1,4-Dichlorobenzene	Blank	<0.8	ug/l	
	Ethyl Benzene	Blank	<0.6	ug/l	
	2-Butanone (MEK)	Blank	<10.0	ug/l	
	MIBK	Blank	<8.8	ug/l	
	Naphthalene	Blank	<1.0	ug/l	
	Styrene	Blank	<0.7	ug/l	
	Tetrachloroethylene	Blank	<0.4	ug/l	
	Toluene	Blank	<0.7	ug/l	
	1,1,1-Trichloroethane	Blank	<0.9	ug/l	
	Trichloroethylene	Blank	<1.0	ug/l	
	Trichlorofluoromethane	Blank	<0.7	ug/l	
	o-Xylene	Blank	<0.5	ug/l	
	m + p Xylene	Blank	<1.3	ug/l	
	1,2-Dichlorobenzene	Blank	<0.8	ug/l	
	1,3-Dichlorobenzene	Blank	<0.6	ug/l	
	1,1-Dichloroethane	Blank	<0.7	ug/l	
	1,1-Dichloroethylene	Blank	<0.6	ug/l	
	MTBE	Blank	<0.8	ug/l	
	trans-1,2-Dichloroethylene	Blank	<0.8	ug/l	
	Vinyl Chloride	Blank	<0.3	ug/l	
	Methylene Chloride	Blank	<3.0	ug/l	
	Chlorobenzene	Blank	<0.6	ug/l	
	Chloromethane	Blank	<1.2	ug/l	
	Bromomethane	Blank	<1.2	ug/l	
	Chloroethane	Blank	<0.8	ug/l	
	cis-1,3-Dichloropropene	Blank	<0.5	ug/l	

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates.
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

QC Batch Number: GCMS/VOL-8629

Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-51742					
	trans-1,3-Dichloropropene	Blank	<0.4	ug/l	
	Chlorodibromomethane	Blank	<0.5	ug/l	
	1,1,2-Trichloroethane	Blank	<0.7	ug/l	
	2-Chloroethylvinylether	Blank	<9.6	ug/l	
	Bromoform	Blank	<1.2	ug/l	
	1,1,2,2-Tetrachloroethane	Blank	<0.5	ug/l	
	2-Chlorotoluene	Blank	<0.6	ug/l	
	Hexachlorobutadiene	Blank	<1.3	ug/l	
	Isopropylbenzene	Blank	<0.4	ug/l	
	p-Isopropyltoluene	Blank	<0.7	ug/l	
	n-Propylbenzene	Blank	<0.8	ug/l	
	sec-Butylbenzene	Blank	<0.6	ug/l	
	tert-Butylbenzene	Blank	<0.8	ug/l	
	1,2,3-Trichlorobenzene	Blank	<0.7	ug/l	
	1,2,4-Trichlorobenzene	Blank	<0.7	ug/l	
	1,2,4-Trimethylbenzene	Blank	<0.7	ug/l	
	1,3,5-Trimethylbenzene	Blank	<1.0	ug/l	
	Dibromomethane	Blank	<1.1	ug/l	
	cis-1,2-Dichloroethylene	Blank	<0.5	ug/l	
	4-Chlorotoluene	Blank	<0.6	ug/l	
	1,1-Dichloropropene	Blank	<0.5	ug/l	
	1,2-Dichloropropane	Blank	<0.6	ug/l	
	1,3-Dichloropropane	Blank	<0.5	ug/l	
	2,2-Dichloropropane	Blank	<0.9	ug/l	
	1,1,1,2-Tetrachloroethane	Blank	<0.5	ug/l	
	1,2,3-Trichloropropane	Blank	<1.3	ug/l	
	n-Butylbenzene	Blank	<0.7	ug/l	
	Dichlorodifluoromethane	Blank	<1.0	ug/l	
	Bromochloromethane	Blank	<0.7	ug/l	
	Bromobenzene	Blank	<0.5	ug/l	
	Iodomethane	Blank	<0.8	ug/l	
	Acrolein	Blank	<20.0	ug/l	
	Acrylonitrile	Blank	<0.5	ug/l	
	Carbon Disulfide	Blank	<3.0	ug/l	
	Vinyl Acetate	Blank	<16.4	ug/l	
	2-Hexanone	Blank	<9.7	ug/l	
	trans-1,4-Dichloro-2-Butene	Blank	<2.1	ug/l	
	Ethyl Methacrylate	Blank	<0.8	ug/l	
	cis-1,4-Dichloro-2-Butene	Blank	<2.4	ug/l	
	Diethyl Ether	Blank	<2.0	ug/l	
	Bromodichloromethane	Blank	<0.4	ug/l	
	1,2-Dibromo-3-Chloropropane	Blank	<1.6	ug/l	
	1,2-Dibromoethane	Blank	<0.7	ug/l	

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates.
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

QC Batch Number: GCMS/VOL-8629

Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-51742					
	Tetrahydrofuran	Blank	<5.0	ug/l	
	tert-Butyl Alcohol	Blank	<20.0	ug/l	
	Diisopropyl Ether	Blank	<0.5	ug/l	
	tert-Butylethyl Ether	Blank	<0.5	ug/l	
	tert-Amylmethyl Ether	Blank	<0.5	ug/l	

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates.
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

NOTES:

QC Batch No. : GCMS/SEMI-4989
Sample ID : 03B15762
Analysis : 2,4-Dinitrophenol

MATRIX SPIKE CONTROL LIMITS ARE NOT APPLICABLE TO THIS MATRIX.

QC Batch No. : GCMS/SEMI-4989
Sample ID : 03B15762
Analysis : 3,3-Dichlorobenzidine

MATRIX SPIKE CONTROL LIMITS ARE NOT APPLICABLE TO THIS MATRIX.

QC Batch No. : GCMS/SEMI-4989
Sample ID : 03B15762
Analysis : 4,6-Dinitro-2-methylphenol

MATRIX SPIKE CONTROL LIMITS ARE NOT APPLICABLE TO THIS MATRIX.

QC Batch No. : GCMS/SEMI-4989
Sample ID : 03B15762
Analysis : 4-Chloro-3-methylphenol

MATRIX SPIKE CONTROL LIMITS ARE NOT APPLICABLE TO THIS MATRIX.

QC Batch No. : GCMS/SEMI-4989
Sample ID : 03B15762
Analysis : Benzidine

MATRIX SPIKE CONTROL LIMITS ARE NOT APPLICABLE TO THIS MATRIX.

QC Batch No. : GCMS/SEMI-4989
Sample ID : 03B15762
Analysis : Benzyl Alcohol

MATRIX SPIKE CONTROL LIMITS ARE NOT APPLICABLE TO THIS MATRIX.

QC Batch No. : GCMS/SEMI-4989
Sample ID : 03B15762
Analysis : Bis(2-chloroisopropyl)ether

MATRIX SPIKE CONTROL LIMITS ARE NOT APPLICABLE TO THIS MATRIX.

QC Batch No. : GCMS/SEMI-4989
Sample ID : 03B15762
Analysis : Dimethylphthalate

MATRIX SPIKE CONTROL LIMITS ARE NOT APPLICABLE TO THIS MATRIX.

QC Batch No. : GCMS/SEMI-4989
Sample ID : 03B15762
Analysis : Hexachlorocyclopentadiene

MATRIX SPIKE CONTROL LIMITS ARE NOT APPLICABLE TO THIS MATRIX.

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates.
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BATCH QC: Lab fortified Blanks and Duplicates
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Method Blanks

QC Batch No. : GCMS/SEMI-4989
Sample ID : 03B15762
Analysis : Naphthalene

VARIATION IN PERCENT RECOVERY ATTRIBUTED TO MAGNITUDE DIFFERENCE BETWEEN SPIKE AND SAMPLE LEVELS. CONTROL LIMITS ARE PROVIDED FOR REFERENCE ONLY AND ARE NOT APPLICABLE.

QC Batch No. : GCMS/SEMI-4989
Sample ID : 03B15762
Analysis : Terphenyl-d14

SURROGATE RECOVERY OUTSIDE OF CON-TEST CONTROL LIMITS, BUT WITHIN METHOD REQUIREMENTS.

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates.
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
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Method Blanks

QUALITY CONTROL DEFINITIONS AND ABBREVIATIONS

QC BATCH NUMBER	This is the number assigned to all samples analyzed together that would be subject to comparison with a particular set of Quality Control Data.
LIMITS	Upper and Lower Control Limits for the QC ANALYSIS Reported. All values normally would fall within these statistically determined limits, unless there is an unusual circumstance that would be documented in a NOTE appearing on the last page of the QC SUMMARY REPORT. Not all QC results will have Limits defined.
Sample Amount	Amount of analyte found in a sample.
Blank	Method Blank that has been taken though all the steps of the analysis.
LFBLANK	Laboratory Fortified Blank (a control sample)
STDADD	Standard Added (a laboratory control sample)
Matrix Spk Amt Added	Amount of analyte spiked into a sample
MS Amt Measured	Amount of analyte found including amount that was spiked
Matrix Spike % Rec.	% Recovery of spiked amount in sample.
Duplicate Value	The result from the Duplicate analysis of the sample.
Duplicate RPD	The Relative Percent Difference between two Duplicate Analyses.
Surrogate Recovery	The % Recovery for non-environmental compounds (surrogates) spiked into samples to determine the performance of the analytical methods.
Sur. Recovery (ELCD)	Surrogate Recovery on the Electrolytic Conductivity Detector.
Sur. Recovery (PID)	Surrogate Recovery on the Photoionization Detector.
Standard Measured	Amount measured for a laboratory control sample
Standard Amt Added	Known value for a laboratory control sample
Standard % Recovery	% recovered for a laboratory control sample with a known value.
Lab Fort Blank Amt	Laboratory Fortified Blank Amount Added
Lab Fort Blk. Found	Laboratory Fortified Blank Amount Found
Lab Fort Blk % Rec	Laboratory Fortified Blank % Recovered
Dup Lab Fort Bl Amt	Duplicate Laboratory Fortified Blank Amount Added
Dup Lab Fort Bl Fnd	Duplicate Laboratory Fortified Blank Amount Found
Dup Lab Fort Bl % Rec	Duplicate Laboratory Fortified Blank % Recovery
Lab Fort Blank Range	Laboratory Fortified Blank Range (Absolute value of difference between recoveries for Lab Fortified Blank and Lab Fortified Blank Duplicate).
Lab Fort Bl. Av. Rec.	Laboratory Fortified Blank Average Recovery
Duplicate Sample Amt	Sample Value for Duplicate used with Matrix Spike Duplicate
MSD Amount Added	Matrix Spike Duplicate Amount Added (Spiked)
MSD Amt Measured	Matrix Spike Duplicate Amount Measured
MSD % Recovery	Matrix Spike Duplicate % Recovery
MSD Range	Absolute difference between Matrix Spike and Matrix Spike Duplicate Recoveries

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CHAIN OF CUSTODY RECORD

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

Client Name: SHAW E&I

Attn: BRIAN NEUMANN

Address: 13 BRITISHAM, BLVD
LATHAM, NY 12110

Site Location: FLAGSHIP

Sampled: By: BRIAN NEUMANN

Call Results: Yes ___ No X

Telephone: 518-783-6088 x225

Batch #:

Project #: 820131-06000000
↑
Client P.O. #: SAME

Email Format: ___.pdf format X.xls format

Fax OR Email Results: Fax#: _____ Email Address: _____

Total # of Containers submitted with this chain: _____

dmo # 72254

Analysis Required

Field Sample I.D.	Sample Description	Lab # 036	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)	TCLP 8260 (1 JAR #)	TCLP 8270 (1 JAR #)
	SB0626033(4'-6')	~~72254~~ 15762	6/26/03	1540	X					X			NO		✓	✓
	SB0626034(4'-6')	~~72255~~ 15763	6/26/03	1645	X					X			NO		✓	✓
	SB0626034(11'-12') (MLS)	~~72256~~ 15764	6/26/03	1620	X					X			NO		✓	✓

CONTAINER CODE
P: PLASTIC (___ Size) V = 40 ml vial G = Glass (___ size) A = 1000 ml Amber O = 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]	6/30/03 @ 1100	[signature] 0945 7/1/3
Relinquished by: (Signature)	Date Time	Received by: (Signature)
Relinquished by: (Signature)	Date Time	Received by: (Signature)

If this section is not filled out, Con-Test will analyze at normal turnaround.
Turnaround Requested: _____ 24-Hour _____ 48-Hour _____ Normal
_____ Other _____ Date Required

Remarks/Comments:

*MATRIX OTHER _____

Detection Limit Requests:

Regulations?

SIMS: ___ Yes ___ No